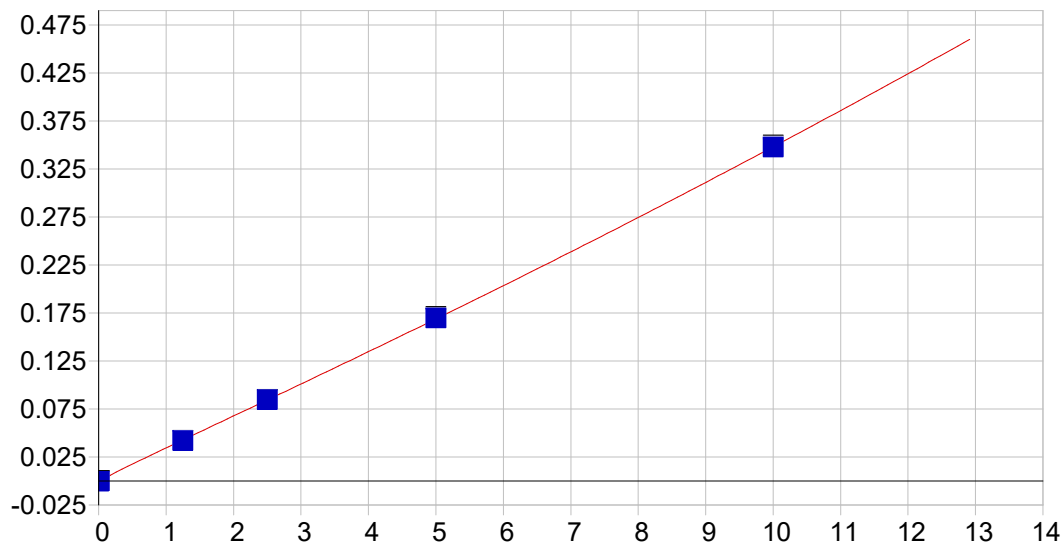


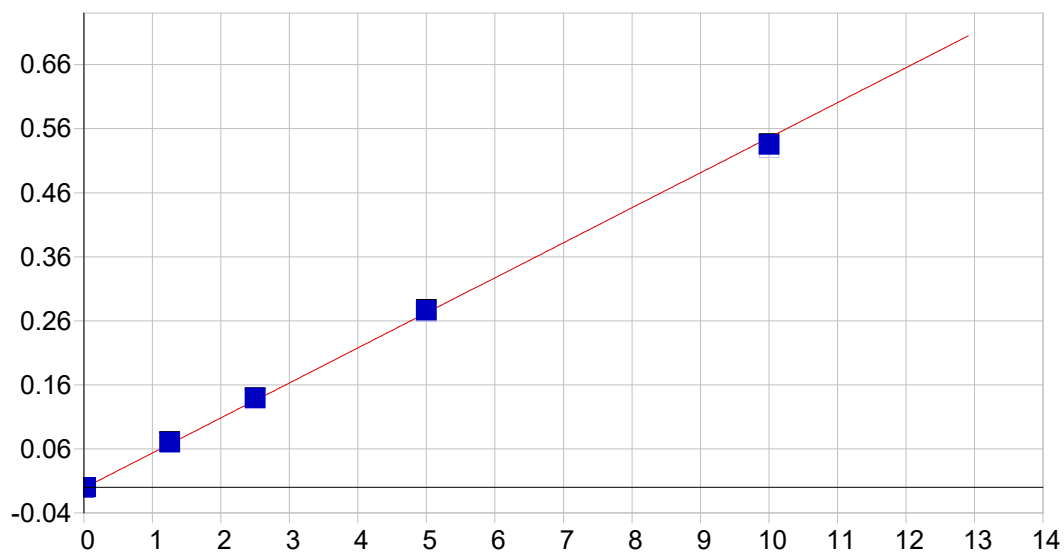


As 189.042 {479}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000499	Re-Slope:	1.000000
A1 (Gain):	0.034315	Y-int:	0.000000
A2 (Curvature):	0.000655		
n (Exponent):	0.940000		
Correlation:	0.999975	Status:	Warning Positive Curvature
Std Error of Est:	0.000006		
Predicted MDL:	0.008885		
Predicted MQL:	0.029615		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.01000	.01159	.002	15.9	.00002	.000	1
S2	1.2500	1.2273	-.023	-1.82	.04218	.000	1
S3	2.5000	2.5064	.006	.258	.08481	.000	1
S4	5.0000	5.0271	.027	.541	.17016	.001	1
S5	10.000	9.9880	-.012	-.120	.34852	.002	1

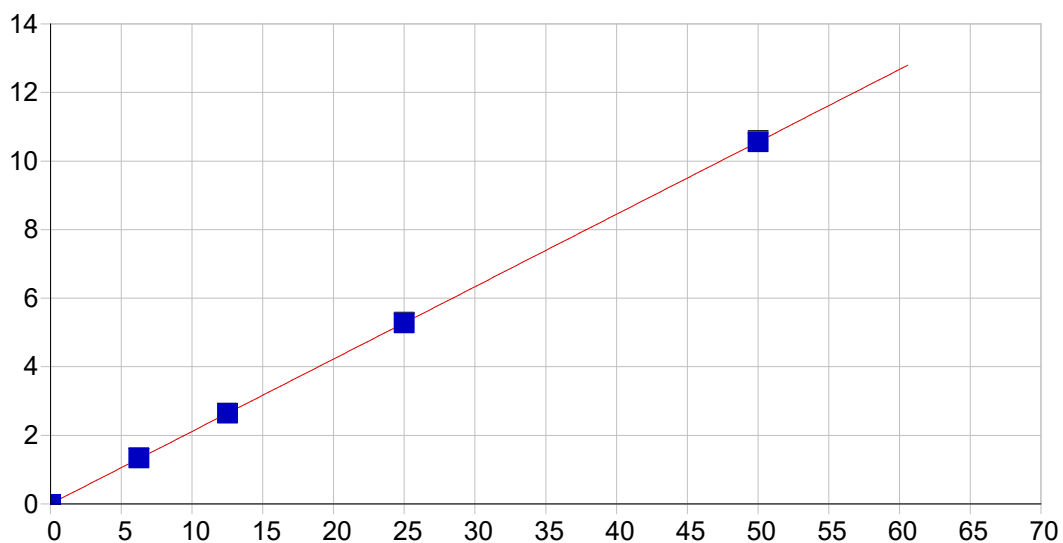


TI 190.856 {477}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001046 Re-Slope: 1.000000
 A1 (Gain): 0.054701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999756 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.005633
 Predicted MQL: 0.018775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00105	.000	1
S1	.02500	.02421	-.001	-3.15	.00022	.000	1
S2	1.2500	1.3047	.055	4.37	.06970	.001	1
S3	2.5000	2.5647	.065	2.59	.13800	.000	1
S4	5.0000	5.0755	.076	1.51	.27410	.001	1
S5	10.000	9.8059	-.194	-1.94	.53036	.001	1

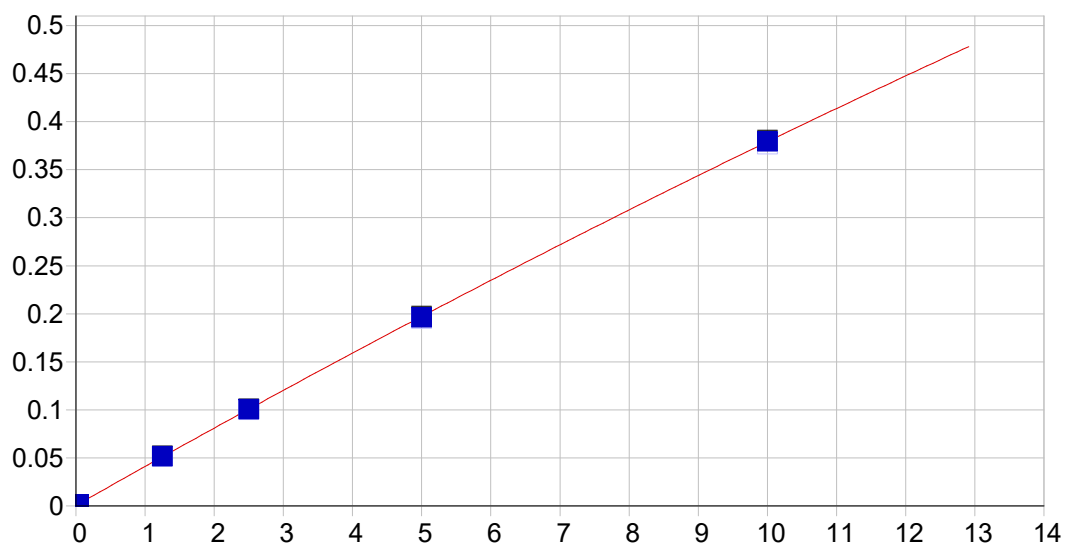


Pb 220.353 {453}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001381 Re-Slope: 1.000000
A1 (Gain): 0.211142 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999996 Status: OK.
Std Error of Est: 0.000022
Predicted MDL: 0.003019
Predicted MQL: 0.010062

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.01000	.00833	-.002	-16.7	.00314	.001	1
S2	6.2500	6.2983	.048	.773	1.3320	.001	1
S3	12.500	12.501	.001	.007	2.6424	.002	1
S4	25.000	24.971	-.029	-.117	5.2768	.021	1
S5	50.000	49.982	-.018	-.037	10.561	.030	1

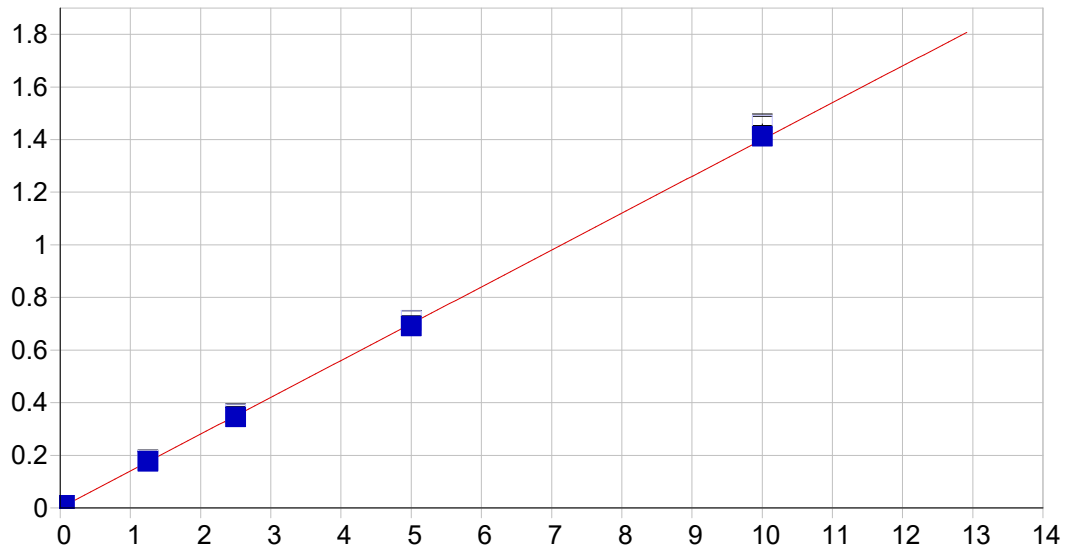


Se 196.090 {472}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000511 Re-Slope: 1.000000
 A1 (Gain): 0.040838 Y-int: 0.000000
 A2 (Curvature): -0.000298
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.007845
 Predicted MQL: 0.026150

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00051	.000	1
S1	.03500	.03537	.000	1.04	.00195	.000	1
S2	1.2500	1.2639	.014	1.11	.05128	.000	1
S3	2.5000	2.4998	-.000	-.006	.10000	.000	1
S4	5.0000	4.9737	-.026	-.526	.19477	.001	1
S5	10.000	10.012	.012	.123	.37656	.001	1

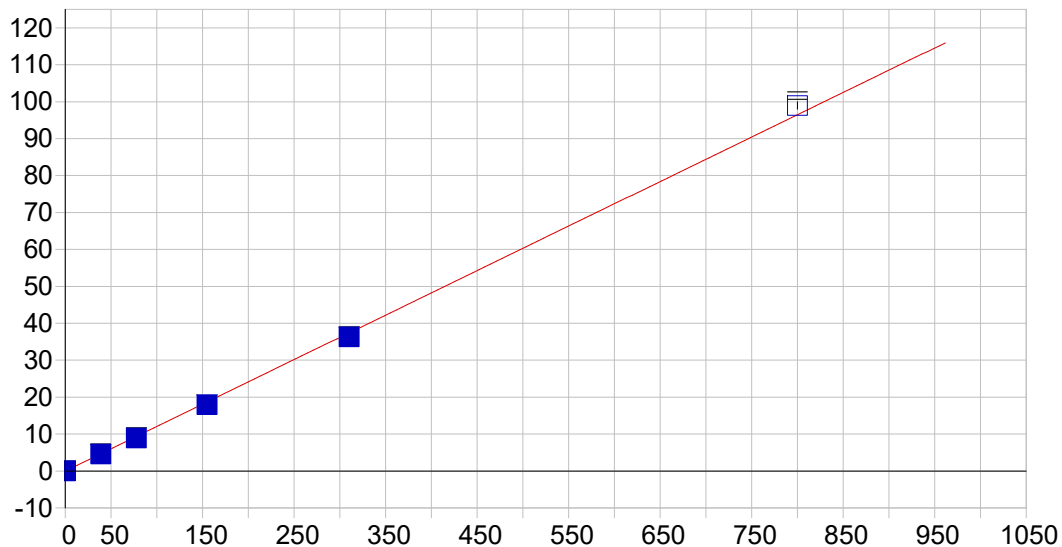


Sb 206.833 {463}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000240	Re-Slope:	1.000000
A1 (Gain):	0.139986	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.003278		
Predicted MQL:	0.010928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00024	.000	1
S1	.06000	.06658	.007	11.0	.00956	.000	1
S2	1.2500	1.2552	.005	.417	.18129	.001	1
S3	2.5000	2.4675	-.033	-1.30	.35633	.001	1
S4	5.0000	4.9328	-.067	-1.34	.71213	.001	1
S5	10.000	10.088	.088	.882	1.4552	.004	1

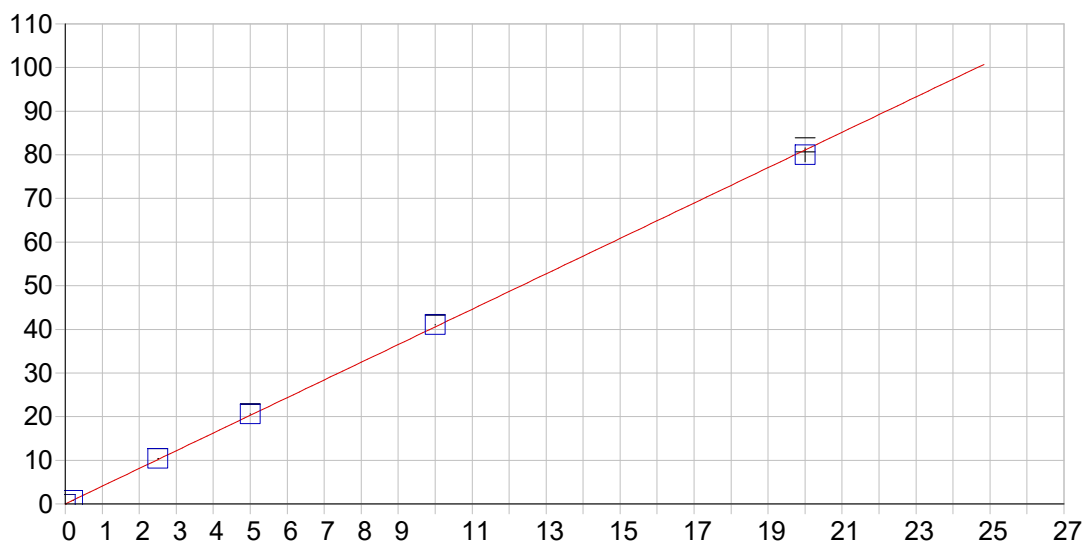


AI 396.152 { 85}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.120575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999534 Status: OK.
 Std Error of Est: 0.002289
 Predicted MDL: 0.012311
 Predicted MQL: 0.041037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00002	.001	1
S1	.20000	.21432	.014	7.16	.02586	.001	1
S2	38.750	37.489	-1.26	-3.25	4.5252	.005	1
S3	77.500	73.874	-3.63	-4.68	8.9171	.031	1
S4	155.00	148.77	-6.23	-4.02	17.958	.061	1
S5	310.00	300.47	-9.53	-3.07	36.268	.140	1
S6	800.00	820.66	20.7	2.58	98.951	1.02	1

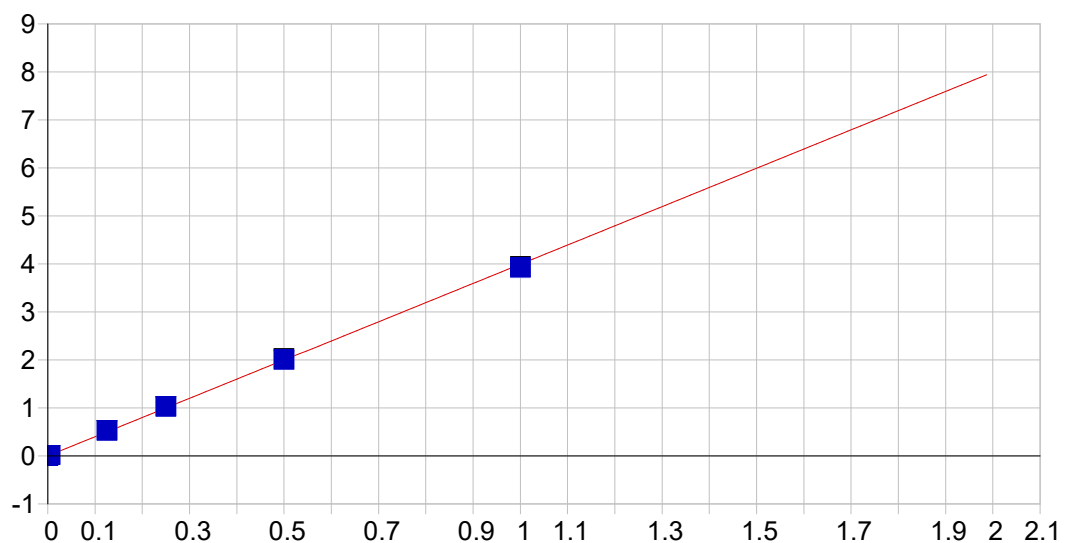


Ba 493.409 { 68}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020051 Re-Slope: 1.000000
 A1 (Gain): 4.054507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.006229
 Predicted MDL: 0.000969
 Predicted MQL: 0.003231

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02002	.004	1
S1	.20000	.20044	.000	.220	.83273	.001	1
S2	2.5000	2.5633	.063	2.53	10.413	.032	1
S3	5.0000	5.0785	.079	1.57	20.611	.045	1
S4	10.000	10.123	.123	1.23	41.064	.095	1
S5	20.000	19.735	-.265	-1.33	80.034	1.62	1

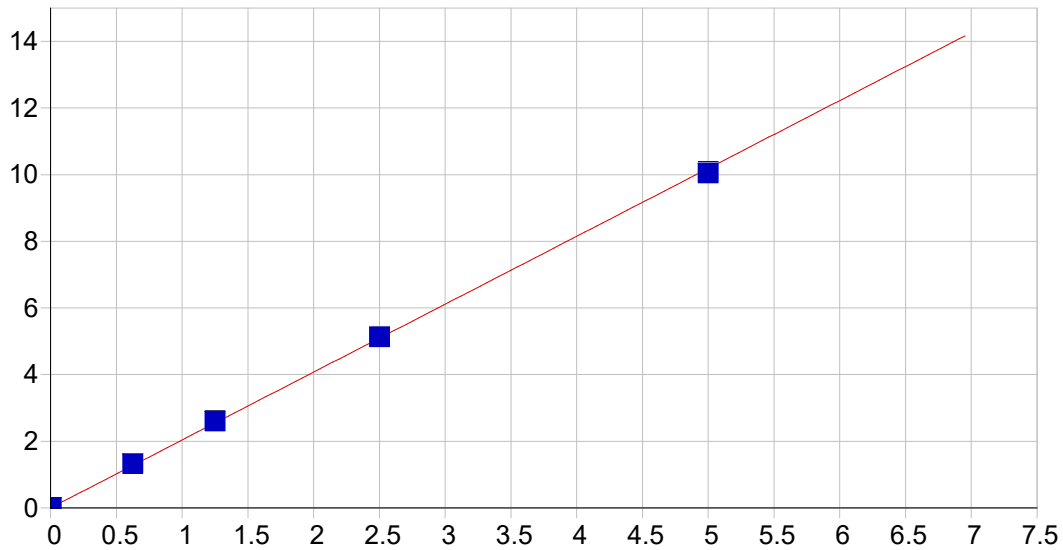


Be 234.861 {144}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002157	Re-Slope:	1.000000
A1 (Gain):	3.997814	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999715	Status:	OK.
Std Error of Est:	0.000358		
Predicted MDL:	0.000122		
Predicted MQL:	0.000406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00216	.000	1
S1	.00500	.00554	.001	10.8	.01999	.000	1
S2	.12500	.13248	.007	5.99	.52620	.002	1
S3	.25000	.25768	.008	3.07	1.0254	.002	1
S4	.50000	.50207	.002	.413	1.9999	.021	1
S5	1.0000	.98222	-.018	-1.78	3.9143	.021	1

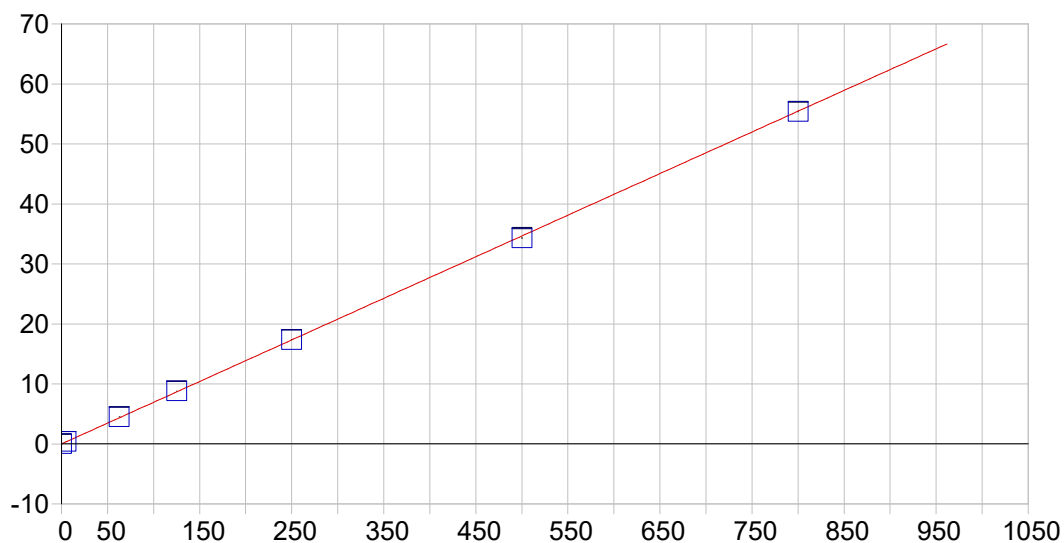


Cd 214.438 {457}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000633 Re-Slope: 1.000000
 A1 (Gain): 2.037577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000297
 Predicted MDL: 0.000191
 Predicted MQL: 0.000638

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00063	.000	1
S1	.00500	.00554	.001	10.9	.01193	.000	1
S2	.01250	.01276	.002	2.14	0.0054	.000	1
S3	.02500	.02514	.001	.579	0.0054	.005	1
S4	.05000	.05145	.001	1.38	0.0054	.010	1
S5	.10000	.09311	-.0069	-1.38	0.0054	.026	1

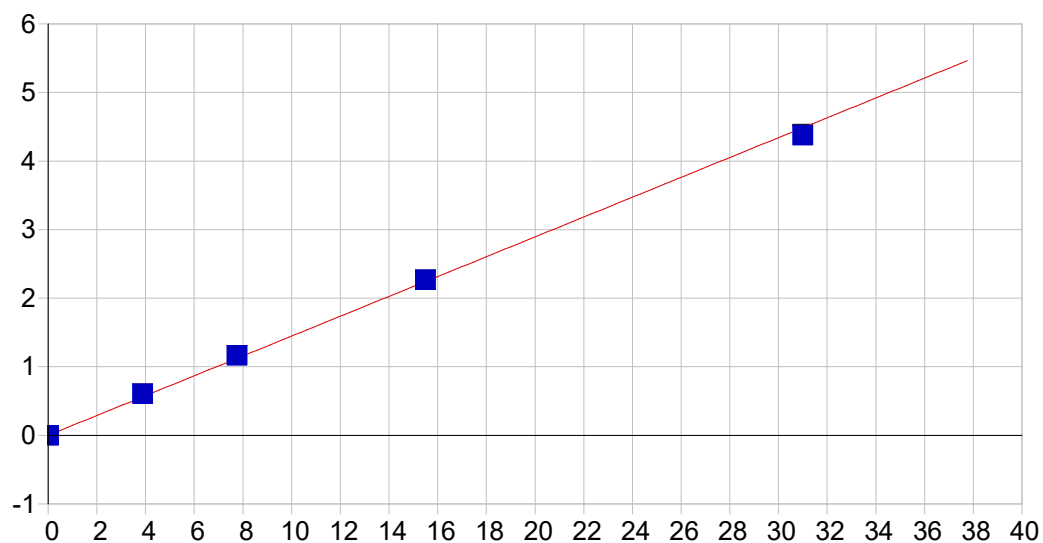


Ca 373.690 { 90}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000370 Re-Slope: 1.000000
 A1 (Gain): 0.069315 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.002861
 Predicted MDL: 0.018054
 Predicted MQL: 0.060180

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	.00032	.001	1
S1	5.0000	5.4839	.484	9.68	.38049	.000	1
S2	62.500	65.147	2.65	4.23	4.5160	.016	1
S3	125.00	127.01	2.01	1.61	8.8041	.024	1
S4	250.00	250.77	.768	.307	17.382	.025	1
S5	500.00	495.06	-4.94	-.989	34.315	.098	1
S6	800.00	799.03	-.965	-.121	55.386	.031	1

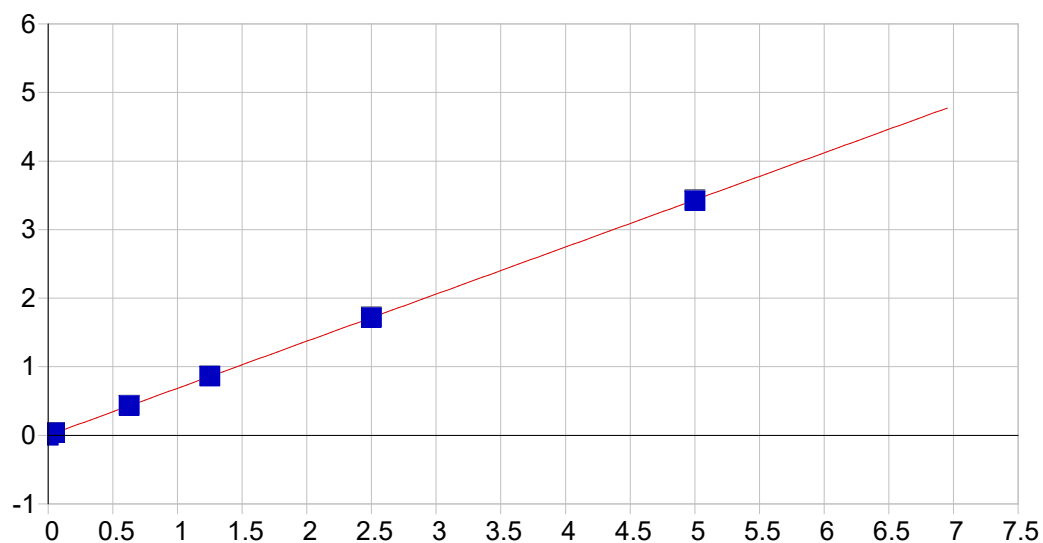


Cr 267.716 {126}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.144717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000132
 Predicted MDL: 0.000789
 Predicted MQL: 0.002630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01156	.002	15.6	.00166	.000	1
S2	3.8750	4.1721	.297	7.67	.60393	.000	1
S3	7.7500	8.0608	.311	4.01	1.1668	.000	1
S4	15.500	15.653	.153	.988	2.2659	.003	1
S5	31.000	30.237	-.763	-2.46	4.3771	.013	1

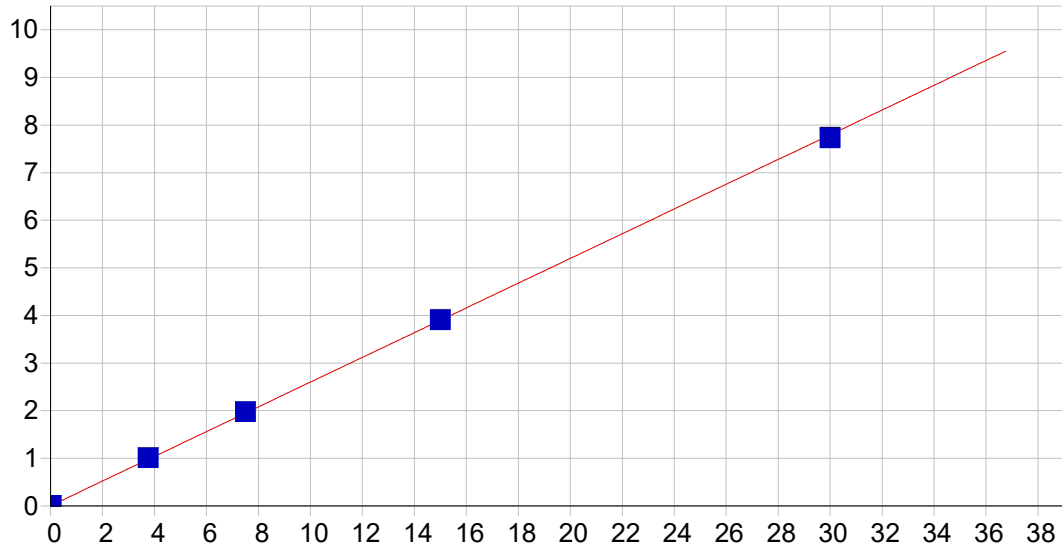


Co 228.616 {448}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000032	Re-Slope:	1.000000
A1 (Gain):	0.686596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.000568		
Predicted MQL:	0.001893		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.05000	.05275	.003	5.50	.03630	.000	1
S2	.62500	.63303	.008	1.29	.43525	.002	1
S3	1.2500	1.2535	.003	.280	.86190	.002	1
S4	2.5000	2.5025	.002	.099	1.7207	.003	1
S5	5.0000	4.9832	-.017	-.335	3.4266	.008	1

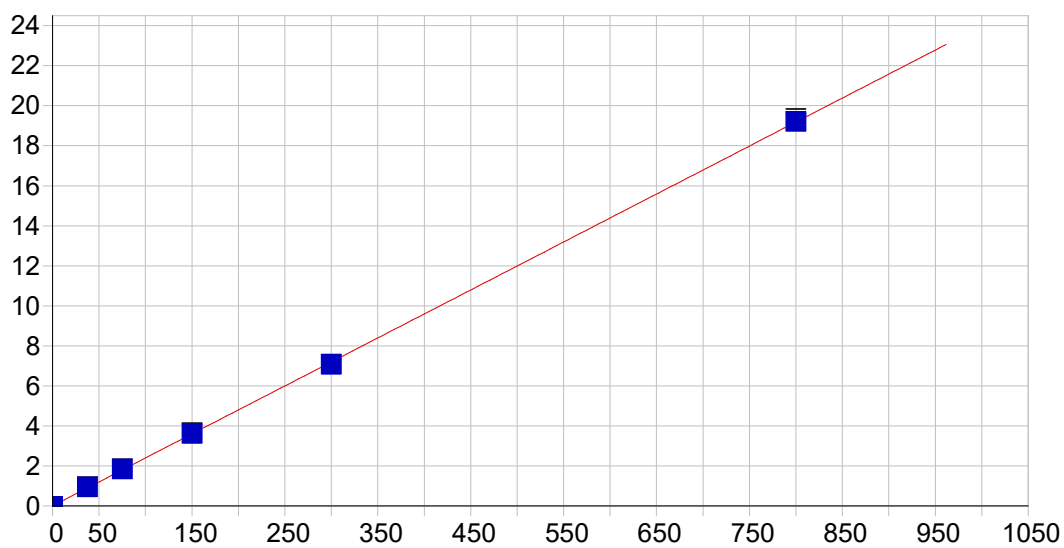


Cu 324.754 {104}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002014 Re-Slope: 1.000000
 A1 (Gain): 0.259814 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.003116
 Predicted MQL: 0.010387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00201	.001	1
S1	.02500	.02770	.003	10.8	.00920	.001	1
S2	3.7500	3.8780	.128	3.41	1.0083	.003	1
S3	7.5000	7.5997	.100	1.33	1.9739	.009	1
S4	15.000	15.034	.034	.226	3.9028	.010	1
S5	30.000	29.736	-.264	-.881	7.7172	.015	1

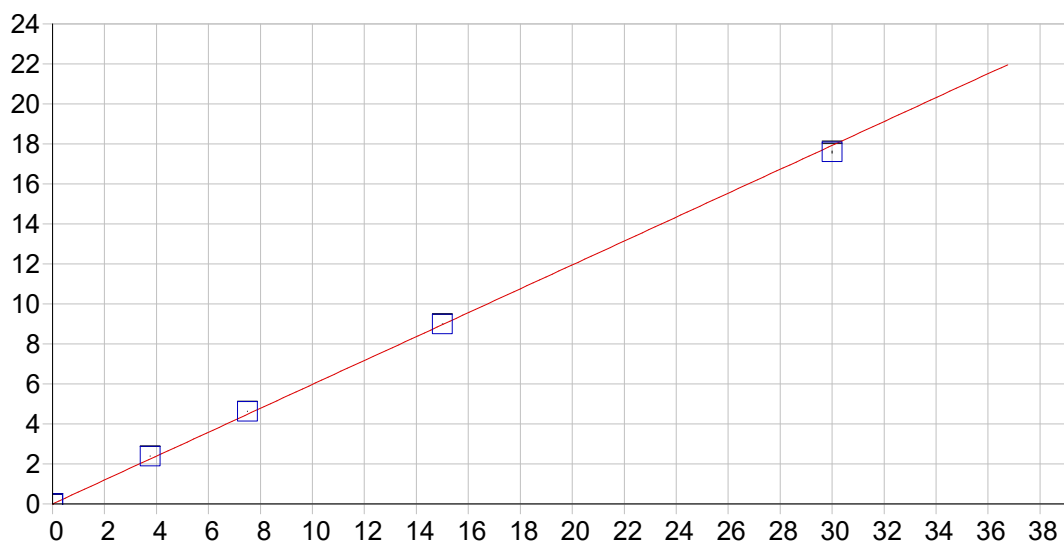


Fe 259.837 {130}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000263	Re-Slope:	1.000000
A1 (Gain):	0.023979	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999913	Status:	OK.
Std Error of Est:	0.000138		
Predicted MDL:	0.014370		
Predicted MQL:	0.047900		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00026	.000	1
S1	.10000	.10122	.001	1.22	.00270	.000	1
S2	37.500	39.456	1.96	5.21	.94744	.005	1
S3	75.000	76.580	1.58	2.11	1.8387	.010	1
S4	150.00	150.73	.725	.483	3.6188	.035	1
S5	300.00	294.60	-5.40	-1.80	7.0730	.008	1
S6	800.00	801.14	1.14	.143	19.224	.118	1

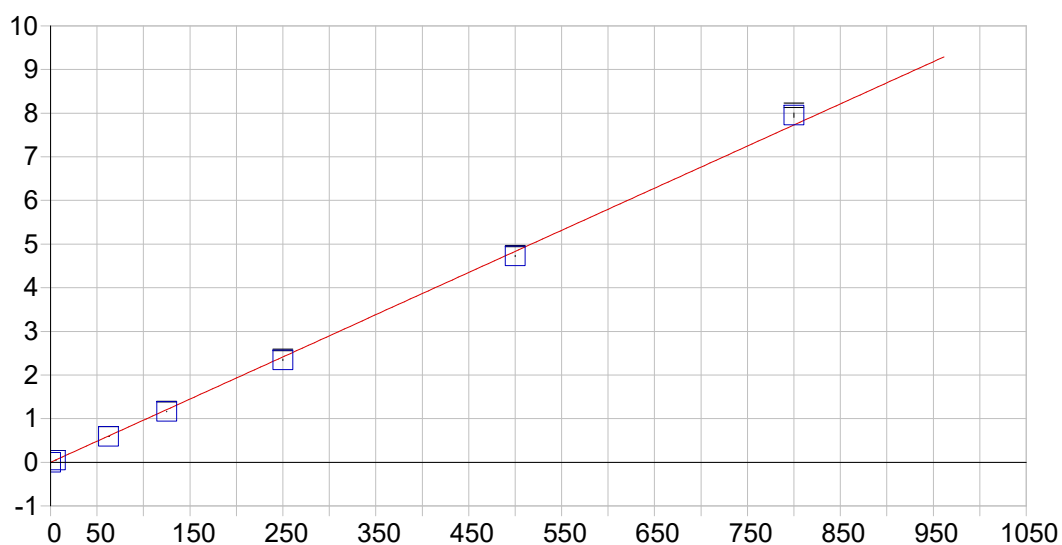


Mn 257.610 {131}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000284 Re-Slope: 1.000000
 A1 (Gain): 0.597460 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000530
 Predicted MDL: 0.000674
 Predicted MQL: 0.002247

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.01500	.01714	.002	14.3	.01053	.000	1
S2	3.7500	3.9982	.248	6.62	2.3891	.013	1
S3	7.5000	7.7429	.243	3.24	4.6263	.009	1
S4	15.000	15.059	.059	.394	8.9974	.013	1
S5	30.000	29.448	-.552	-1.84	17.594	.057	1

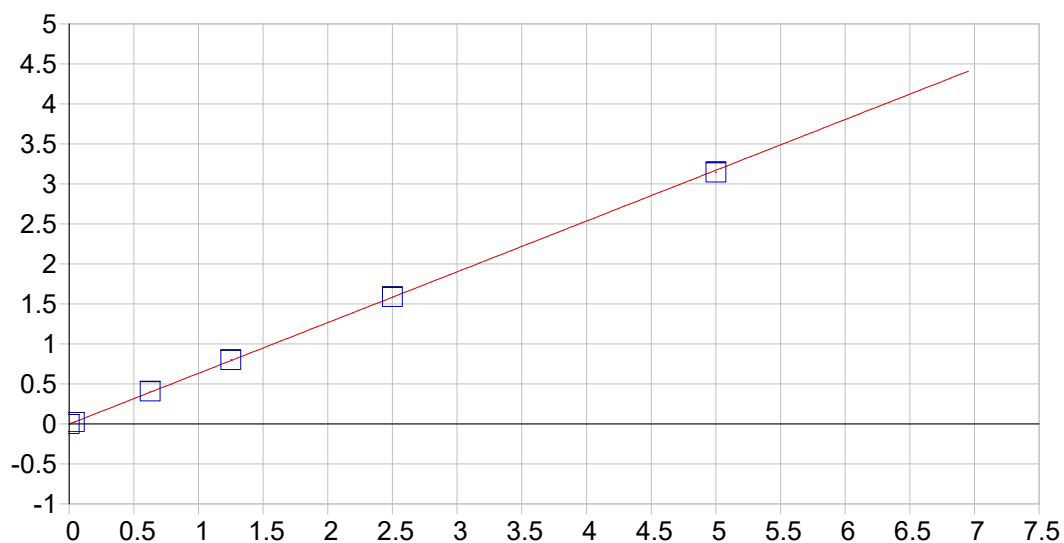


Mg 279.079 {121}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.009662 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.000924
 Predicted MDL: 0.042556
 Predicted MQL: 0.141853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	-.00010	.000	1
S1	5.0000	5.0508	.051	1.02	.04870	.000	1
S2	62.500	61.164	-1.34	-2.14	.59088	.002	1
S3	125.00	120.63	-4.37	-3.49	1.1655	.008	1
S4	250.00	242.86	-7.14	-2.86	2.3465	.021	1
S5	500.00	489.26	-10.7	-2.15	4.7273	.017	1
S6	800.00	823.53	23.5	2.94	7.9571	.052	1

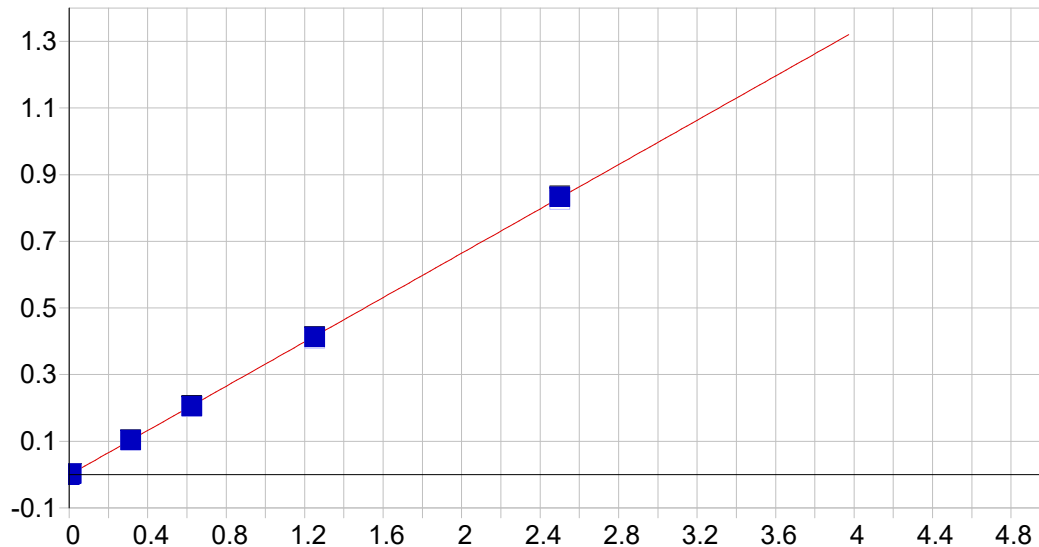


Ni 231.604 {446}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001808 Re-Slope: 1.000000
 A1 (Gain): 0.634428 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.000793
 Predicted MQL: 0.002642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00181	.000	1
S1	.04000	.04303	.003	7.59	.02549	.000	1
S2	.62500	.64416	.019	3.07	.40686	.001	1
S3	1.2500	1.2641	.014	1.13	.80015	.001	1
S4	2.5000	2.5034	.003	.136	1.5864	.002	1
S5	5.0000	4.9603	-.040	-.793	3.1452	.005	1

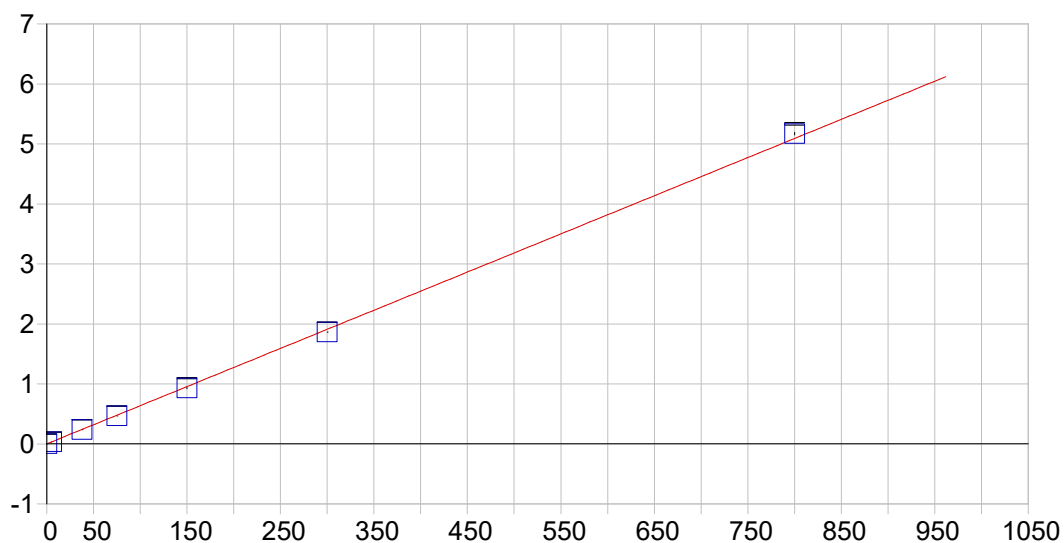


Ag 328.068 {103}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000818 Re-Slope: 1.000000
 A1 (Gain): 0.332525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000607
 Predicted MQL: 0.002023

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00082	.000	1
S1	.01000	.01073	.001	7.27	.00273	.000	1
S2	.31250	.31342	.001	.295	.10230	.000	1
S3	.62500	.62108	-.004	-.628	.20349	.001	1
S4	1.2500	1.2436	-.006	-.516	.40827	.001	1
S5	2.5000	2.5087	.009	.349	.82455	.003	1

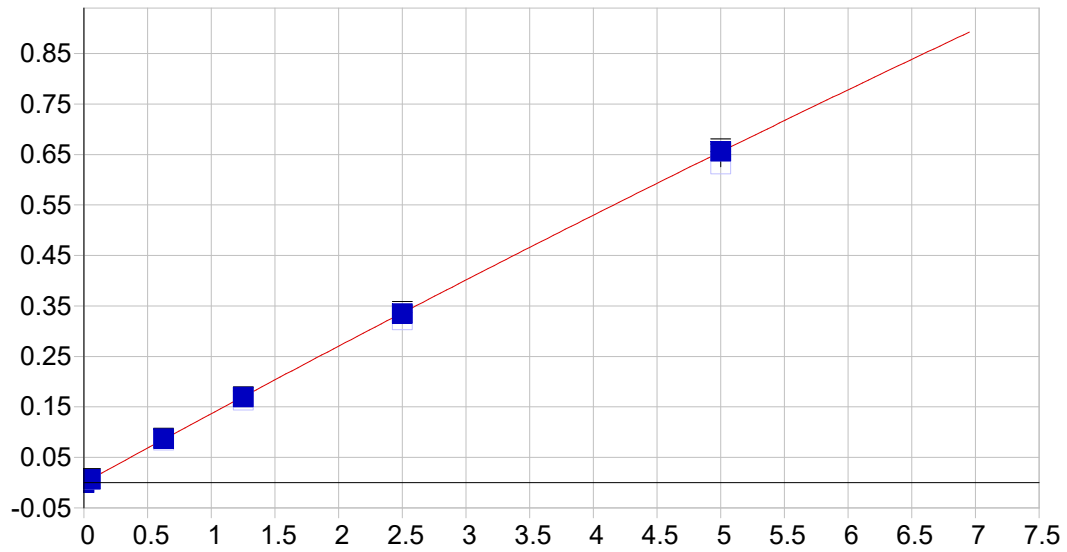


Na 818.326 { 41}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001128 Re-Slope: 1.000000
 A1 (Gain): 0.006362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.377657
 Predicted MQL: 1.258856

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00113	.002	1
S1	5.0000	5.1665	.167	3.33	.03400	.003	1
S2	37.500	37.240	-.260	-.694	.23804	.001	1
S3	75.000	73.303	-1.70	-2.26	.46746	.002	1
S4	150.00	146.32	-3.68	-2.45	.93199	.010	1
S5	300.00	292.74	-7.26	-2.42	1.8635	.001	1
S6	800.00	812.73	12.7	1.59	5.1715	.022	1

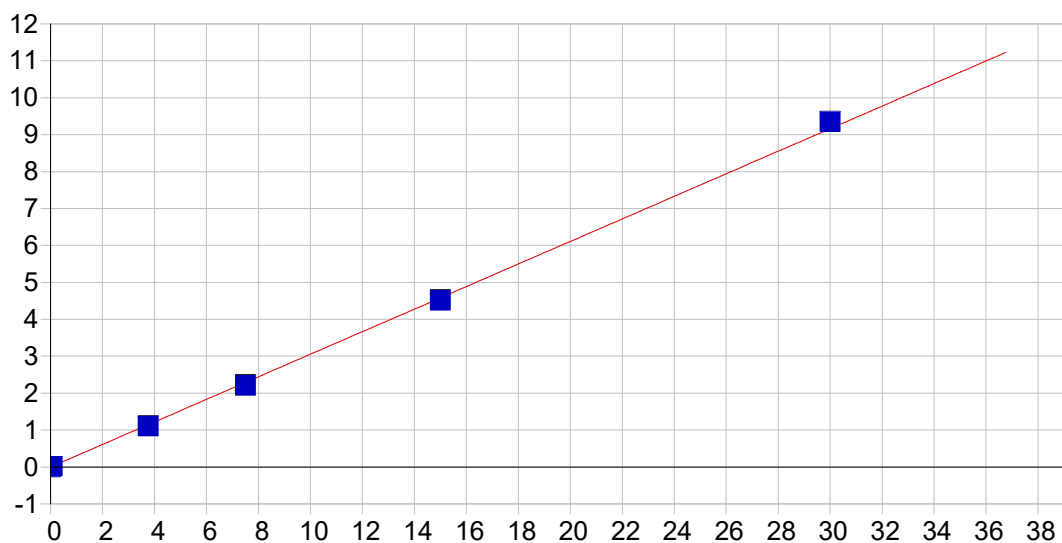


V 292.402 {115}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000272 Re-Slope: 1.000000
 A1 (Gain): 0.138112 Y-int: 0.000000
 A2 (Curvature): -0.001398
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004191
 Predicted MQL: 0.013971

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.05000	.05052	.001	1.05	.00669	.001	1
S2	.62500	.63752	.013	2.00	.08403	.001	1
S3	1.2500	1.2418	-.008	-.657	.16273	.001	1
S4	2.5000	2.4887	-.011	-.451	.32209	.004	1
S5	5.0000	5.0065	.006	.129	.63074	.005	1

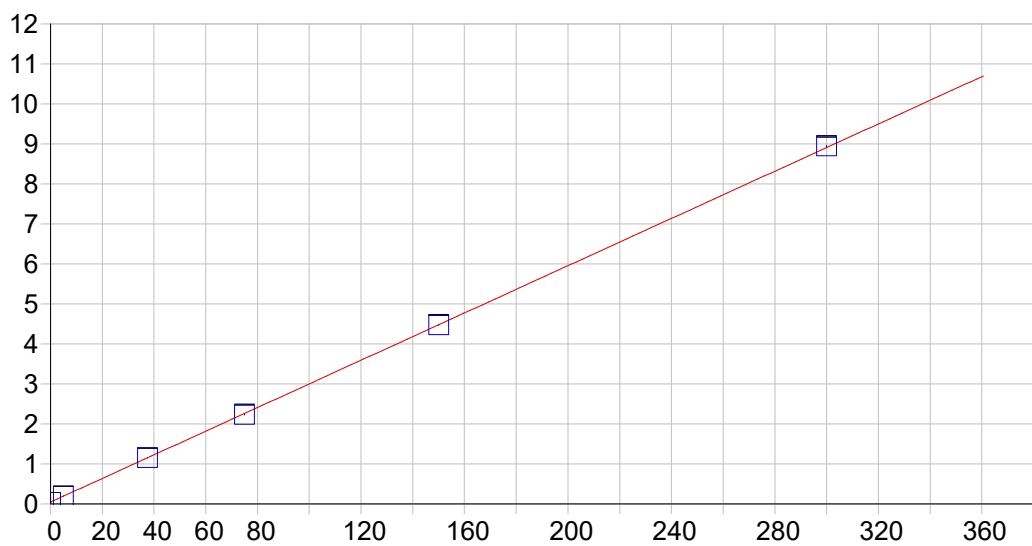


Zn 213.856 {158}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001216 Re-Slope: 1.000000
 A1 (Gain): 0.305457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725 Status: OK.
 Std Error of Est: 0.000510
 Predicted MDL: 0.003930
 Predicted MQL: 0.013101

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00122	.001	1
S1	.06000	.06682	.007	11.4	.01925	.001	1
S2	3.7500	3.6200	-.130	-3.47	1.1054	.008	1
S3	7.5000	7.2294	-.271	-3.61	2.2088	.013	1
S4	15.000	14.777	-.223	-1.48	4.5162	.009	1
S5	30.000	30.616	.616	2.05	9.3579	.008	1

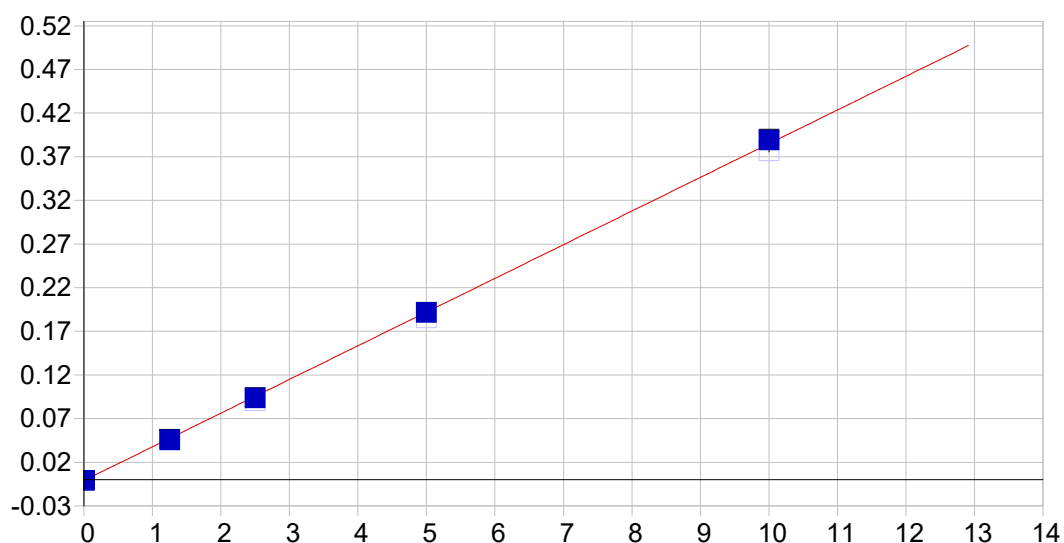


K 769.896 { 44 }

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.046083 Re-Slope: 1.000000
 A1 (Gain): 0.029543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000347
 Predicted MDL: 0.081319
 Predicted MQL: 0.271064

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.04608	.003	1
S1	5.0000	5.1175	.117	2.35	.19727	.003	1
S2	37.500	37.301	-.199	-.529	1.1481	.001	1
S3	75.000	74.108	-.892	-1.19	2.2355	.009	1
S4	150.00	149.89	-.109	-.073	4.4743	.014	1
S5	300.00	301.08	1.08	.361	8.9410	.017	1

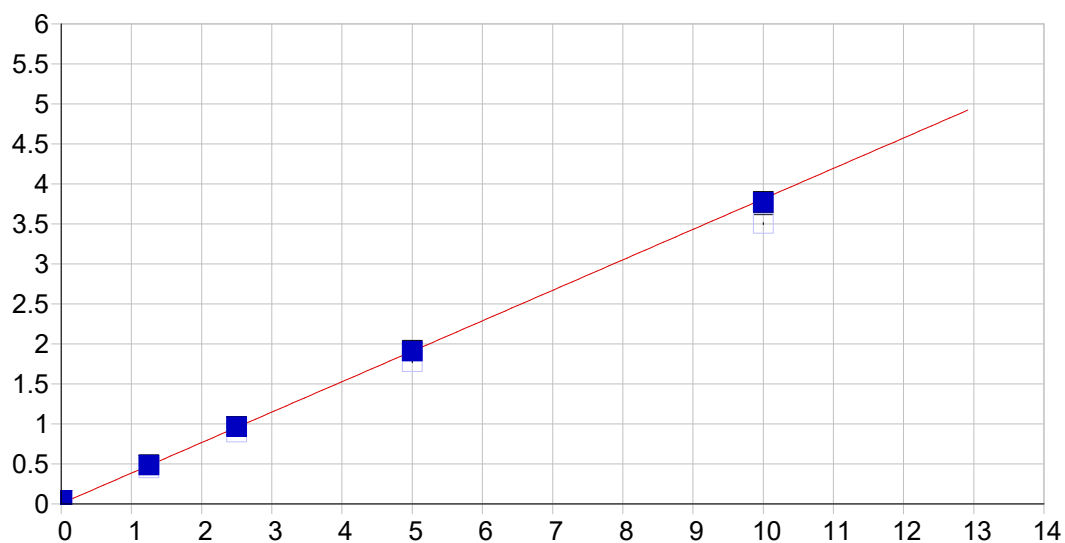


P 177.495 {490}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000909 Re-Slope: 1.000000
 A1 (Gain): 0.038588 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.006099
 Predicted MQL: 0.020331

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00091	.000	1
S1	.01000	.00942	-.001	-5.81	-.00056	.000	1
S2	1.2500	1.2121	-.038	-3.04	.04427	.000	1
S3	2.5000	2.4453	-.055	-2.19	.09026	.000	1
S4	5.0000	4.9854	-.015	-.293	.18509	.000	1
S5	10.000	10.108	.108	1.08	.37637	.001	1

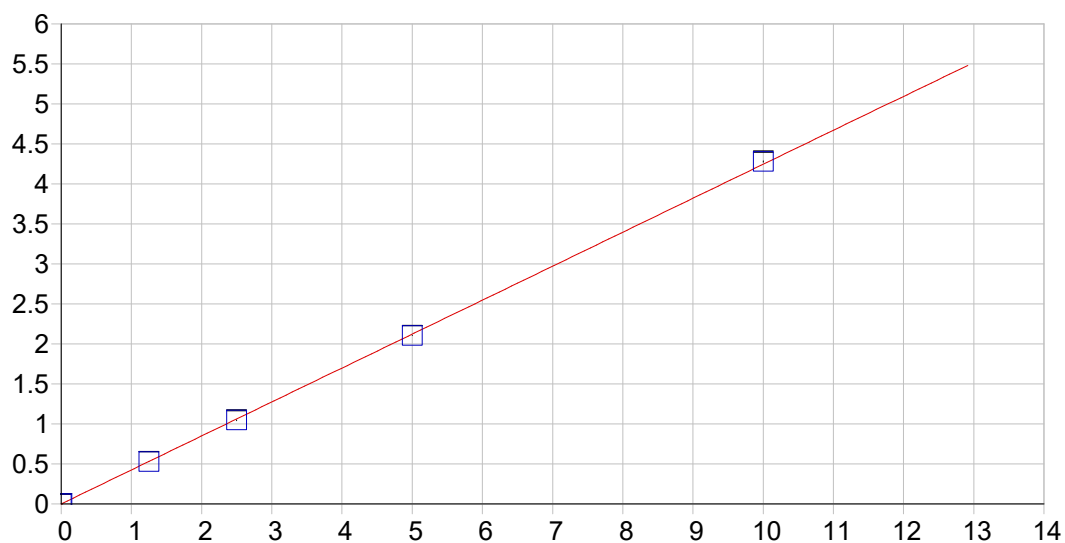


B 249.678 {135}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004209	Re-Slope:	1.000000
A1 (Gain):	0.380834	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.975584	Status:	OK.
Std Error of Est:	0.001338		
Predicted MDL:	0.001549		
Predicted MQL:	0.005164		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00417	.000	1
S1	.01000	.10060	.091	906.	.04247	.000	1
S2	1.2500	1.2557	.006	.453	.44929	.005	1
S3	2.5000	2.5157	.016	.627	.89603	.006	1
S4	5.0000	5.0006	.001	.012	1.7761	.012	1
S5	10.000	9.8820	-.118	-1.18	3.5027	.012	1

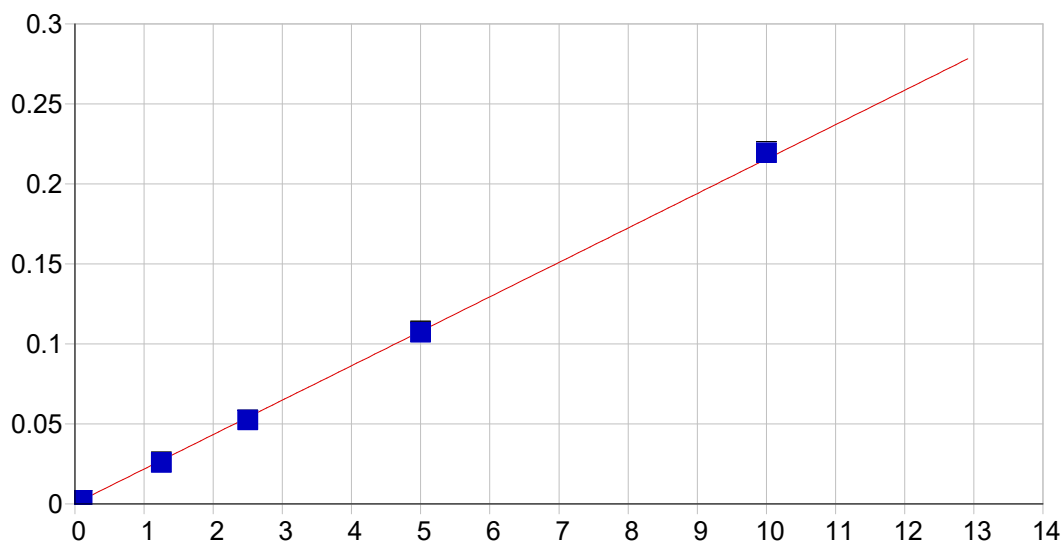


Mo 202.030 {467}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.424484 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000831
 Predicted MQL: 0.002770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01000	.01044	.000	4.36	.00478	.000	1
S2	1.2500	1.2458	-.004	-.338	.52917	.001	1
S3	2.5000	2.4646	-.035	-1.42	1.0465	.005	1
S4	5.0000	4.9592	-.041	-.816	2.1055	.002	1
S5	10.000	10.080	.080	.800	4.2792	.009	1

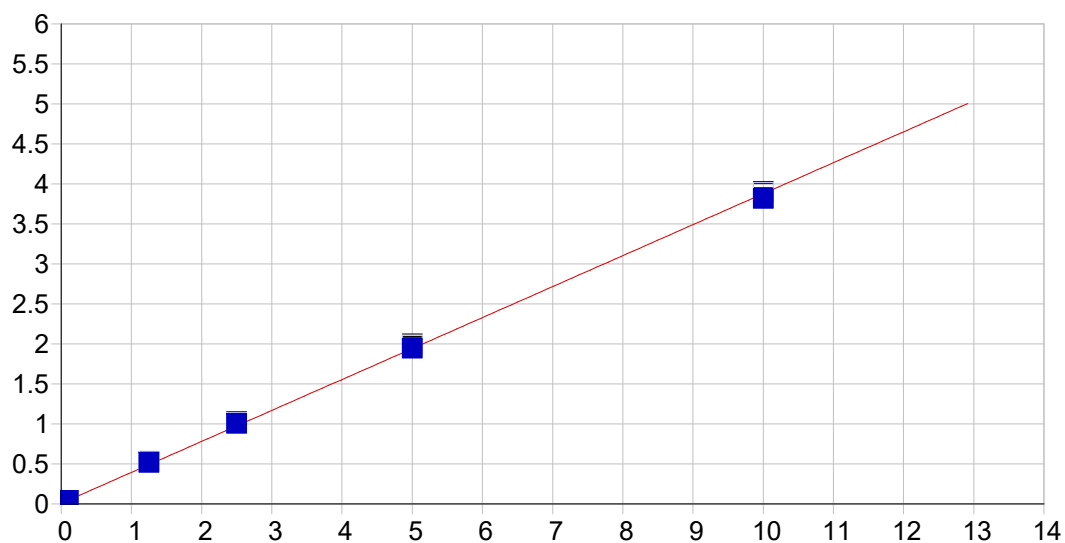


S 182.034 {485}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.021518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.010453
 Predicted MQL: 0.034845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00030	.000	1
S1	.10000	.08968	-.010	-10.3	.00223	.000	1
S2	1.2500	1.1860	-.064	-5.12	.02582	.000	1
S3	2.5000	2.4174	-.083	-3.30	.05231	.000	1
S4	5.0000	4.9715	-.028	-.570	.10727	.001	1
S5	10.000	10.185	.185	1.85	.21945	.001	1

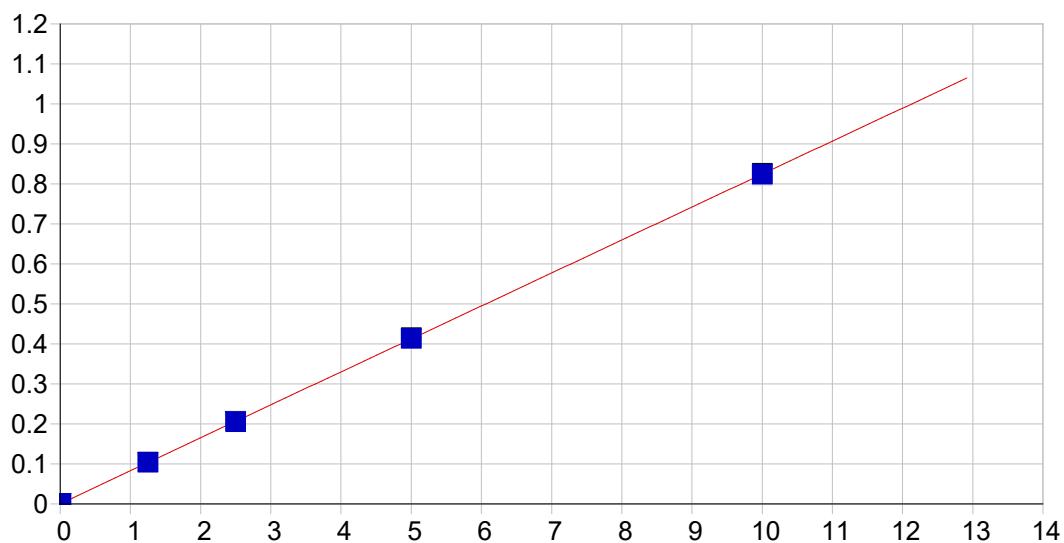


Si 251.611 {134}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006642 Re-Slope: 1.000000
 A1 (Gain): 0.387084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000446
 Predicted MDL: 0.001598
 Predicted MQL: 0.005326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00664	.001	1
S1	.10000	.10450	.005	4.50	.04752	.001	1
S2	1.2500	1.3203	.070	5.62	.52714	.004	1
S3	2.5000	2.5743	.074	2.97	1.0220	.005	1
S4	5.0000	5.0091	.009	.182	1.9833	.016	1
S5	10.000	9.8419	-.158	-1.58	3.8918	.014	1

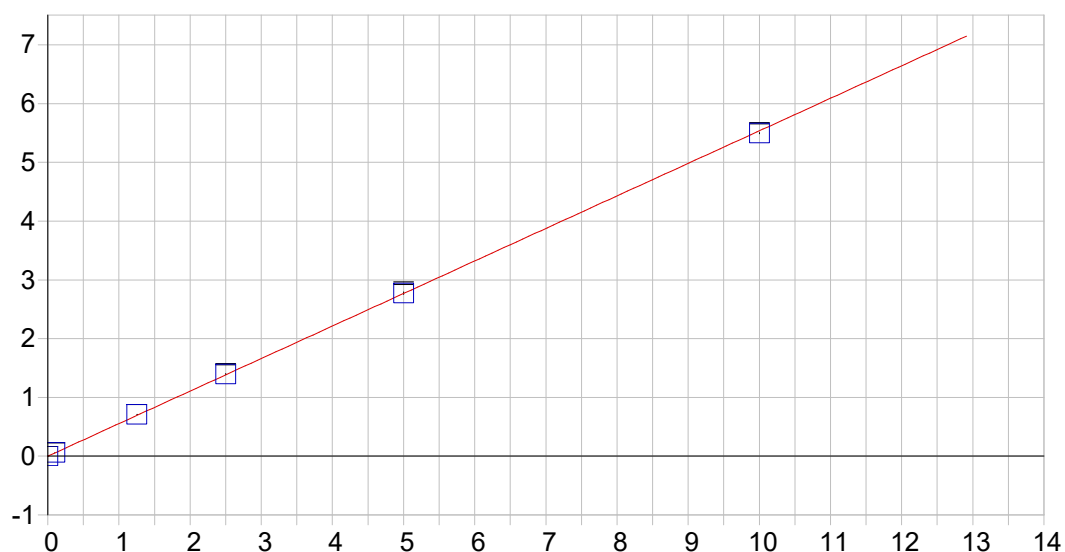


Sn 189.989 {478}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000425	Re-Slope:	1.000000
A1 (Gain):	0.082409	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.002981		
Predicted MQL:	0.009936		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.00700	.00474	-.002	-32.3	.00080	.000	1
S2	1.2500	1.2544	.004	.349	.10352	.000	1
S3	2.5000	2.4914	-.009	-.344	.20518	.000	1
S4	5.0000	5.0148	.015	.295	.41256	.001	1
S5	10.000	9.9917	-.008	-.083	.82158	.003	1

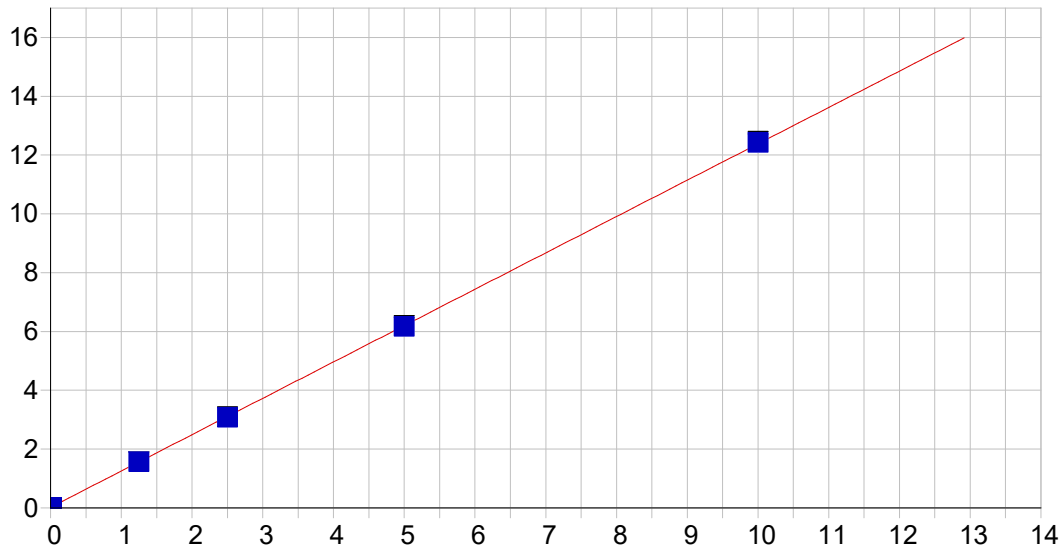


Ti 336.121 {100}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.553693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.001629
 Predicted MQL: 0.005429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00004	.000	1
S1	.10000	.10810	.008	8.10	.05990	.001	1
S2	1.2500	1.2854	.035	2.84	.71178	.001	1
S3	2.5000	2.5193	.019	.770	1.3949	.011	1
S4	5.0000	5.0101	.010	.203	2.7741	.022	1
S5	10.000	9.9271	-.073	-.729	5.4966	.012	1



Li 670.784 { 50}

Date of Fit: 11/01/2021 12:42:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018709 Re-Slope: 1.000000
 A1 (Gain): 1.236410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.001979
 Predicted MQL: 0.006598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01871	.002	1
S5	10.000	10.040	.040	.402	12.419	.044	1
S4	5.0000	4.9802	-.020	-.397	6.1696	.029	1
S3	2.5000	2.4792	-.021	-.832	3.0807	.014	1
S2	1.2500	1.2529	.003	.229	1.5661	.003	1
S1	.01500	.01262	-.002	-15.9	.03421	.001	1







Y 224.306 {150}*

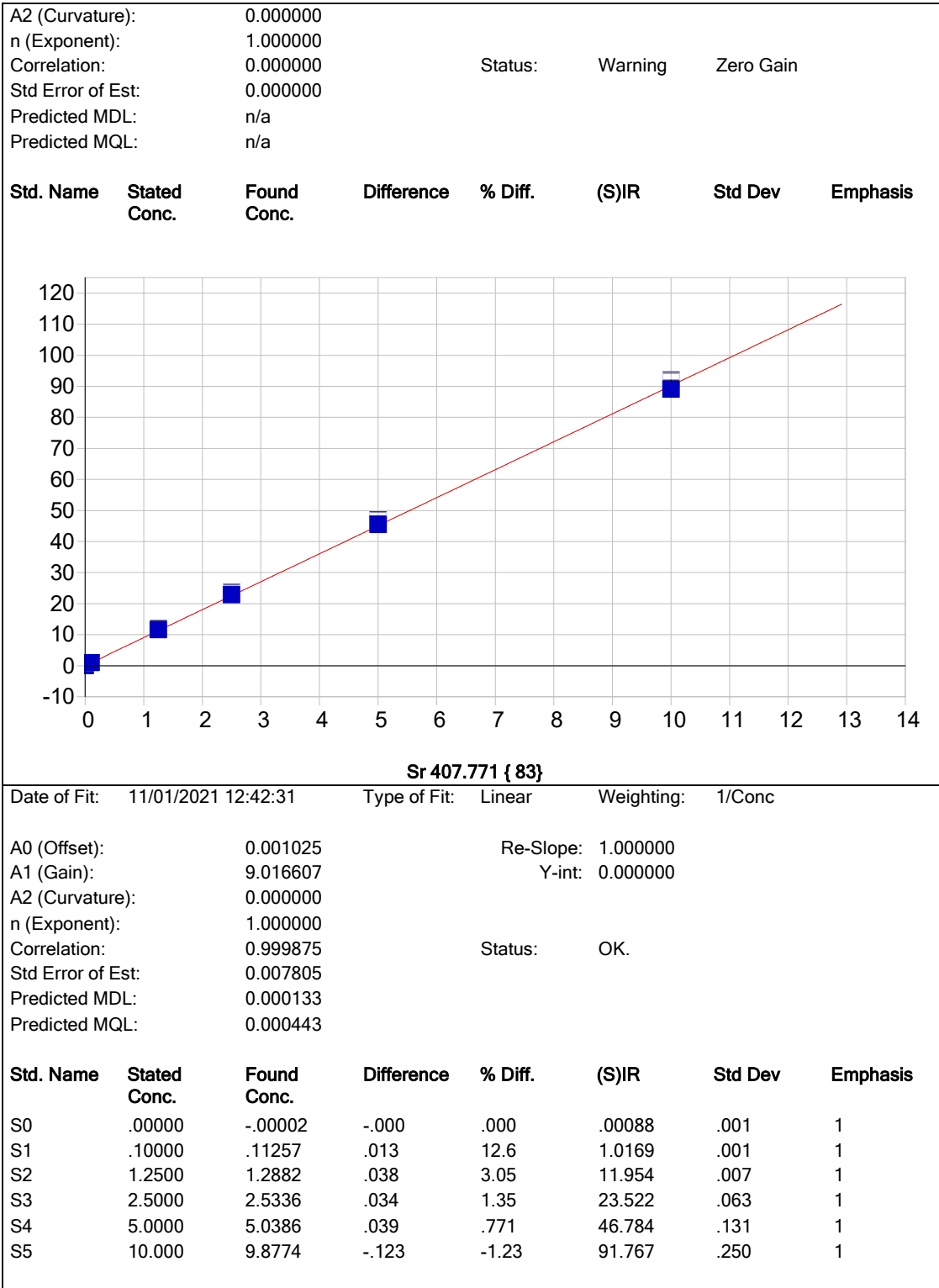
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

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	



Sample Name: S0 Acquired: 11/01/2021 11:44:08 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	-.00050	-.00105	.00138	.00051	.00024	-.00002	.02002	-.00216
Stddev	.00014	.00013	.00042	.00033	.00016	.00126	.00396	.00038
%RSD	29.016	12.639	30.087	65.085	66.144	6362.3	19.799	17.397
#1	-.00034	-.00114	.00126	.00015	.00010	-.00030	.02172	-.00220
#2	-.00062	-.00111	.00184	.00081	.00021	.00135	.02285	-.00251
#3	-.00054	-.00089	.00104	.00057	.00041	-.00111	.01549	-.00177
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	.00063	.00032	-.00001	-.00003	.00201	.00026	.00028	-.00010
Stddev	.00016	.00103	.00008	.00011	.00064	.00021	.00016	.00038
%RSD	25.170	321.83	564.32	322.90	31.857	78.141	56.591	380.88
#1	.00081	.00101	.00008	.00003	.00144	.00029	.00045	-.00042
#2	.00057	.00081	-.00007	.00003	.00190	.00045	.00027	-.00019
#3	.00051	-.00086	-.00005	-.00016	.00270	.00004	.00013	.00032
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	-.00181	-.00082	.00113	-.00027	-.00122	.04608	-.00091	.00417
Stddev	.00020	.00005	.00235	.00033	.00076	.00319	.00010	.00046
%RSD	11.313	5.6687	208.05	121.44	62.183	6.9255	10.948	11.112
#1	-.00182	-.00077	.00296	.00010	-.00035	.04260	-.00081	.00470
#2	-.00201	-.00085	-.00152	-.00052	-.00156	.04886	-.00101	.00398
#3	-.00160	-.00084	.00194	-.00039	-.00174	.04679	-.00092	.00384
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	.00035	.00030	.00664	.00042	.00004	.01871	.00088	
Stddev	.00015	.00010	.00050	.00018	.00028	.00241	.00096	
%RSD	42.501	33.690	7.6081	43.175	744.26	12.903	109.52	
#1	.00041	.00032	.00722	.00028	.00002	.01929	-.00006	
#2	.00047	.00039	.00636	.00036	-.00023	.01606	.00084	
#3	.00018	.00019	.00634	.00063	.00032	.02078	.00186	

Sample Name: S0 Acquired: 11/01/2021 11:44:08 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	1122.6	28956.	4025.8	786.97	1420.6
Stddev	.9	140.	7.3	1.17	3.0
%RSD	.08412	.48268	.18159	.14858	.21454
#1	1121.5	28871.	4017.7	785.90	1417.1
#2	1123.2	28880.	4027.9	786.79	1422.0
#3	1123.0	29118.	4031.8	788.22	1422.7

Sample Name: S1 Acquired: 11/01/2021 11:48:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	.00002	.00022	.00314	.00195	.00956	.02586	.83273	.01999
Stddev	.00029	.00018	.00053	.00014	.00038	.00095	.00093	.00029
%RSD	1406.3	82.501	16.960	7.3361	3.9874	3.6624	.11126	1.4699
#1	.00035	.00006	.00327	.00208	.00993	.02691	.83283	.01990
#2	-.00020	.00018	.00360	.00199	.00958	.02560	.83361	.01975
#3	-.00009	.00041	.00256	.00180	.00917	.02507	.83176	.02032
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	.01193	.38049	.00166	.03630	.00920	.00270	.01053	.04870
Stddev	.00033	.00049	.00007	.00039	.00067	.00025	.00016	.00041
%RSD	2.7234	.12871	4.4938	1.0670	7.2375	9.3212	1.4784	.83239
#1	.01218	.38035	.00174	.03586	.00867	.00264	.01046	.04916
#2	.01156	.38008	.00164	.03650	.00994	.00248	.01070	.04840
#3	.01206	.38103	.00160	.03655	.00898	.00297	.01041	.04854
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	.02549	.00273	.03400	.00669	.01925	.19727	-.00056	.04247
Stddev	.00019	.00016	.00324	.00101	.00121	.00277	.00006	.00011
%RSD	.75508	5.9570	9.5333	15.090	6.2676	1.4051	10.666	.25228
#1	.02529	.00274	.03774	.00783	.01787	.19735	-.00060	.04248
#2	.02566	.00288	.03201	.00631	.01983	.19446	-.00057	.04257
#3	.02553	.00256	.03225	.00591	.02006	.20000	-.00049	.04236
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	.00478	.00223	.04752	.00080	.05990	.03421	1.0169	
Stddev	.00012	.00024	.00059	.00021	.00059	.00116	.0008	
%RSD	2.5738	10.895	1.2421	26.038	.98419	3.3808	.07793	
#1	.00465	.00249	.04746	.00101	.06037	.03295	1.0176	
#2	.00489	.00201	.04696	.00059	.06009	.03446	1.0160	
#3	.00481	.00218	.04814	.00079	.05924	.03522	1.0170	

Sample Name: S1 Acquired: 11/01/2021 11:48:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	1122.0	29268.	4057.7	790.78	1432.7
Stddev	1.3	110.	14.3	3.10	2.0
%RSD	.11312	.37485	.35181	.39224	.14210
#1	1121.0	29210.	4055.3	789.24	1431.6
#2	1123.4	29394.	4073.0	794.35	1435.1
#3	1121.7	29199.	4044.7	788.75	1431.5

Sample Name: S2 Acquired: 11/01/2021 11:52:22 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	.04218	.06970	1.3320	.05128	.18129	4.5252	10.413	.52620
Stddev	.00009	.00099	.0009	.00019	.00090	.0047	.032	.00232
%RSD	.21947	1.4236	.06652	.37600	.49723	.10473	.31119	.43999

#1	.04207	.06998	1.3328	.05125	.18094	4.5197	10.444	.52355
#2	.04222	.07051	1.3311	.05149	.18062	4.5280	10.379	.52723
#3	.04224	.06859	1.3320	.05110	.18232	4.5278	10.416	.52782

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	1.3319	4.5160	.60393	.43525	1.0083	.94744	2.3891	.59088
Stddev	.0004	.0164	.00028	.00181	.0025	.00476	.0130	.00174
%RSD	.03313	.36281	.04667	.41554	.25064	.50227	.54352	.29495

#1	1.3316	4.5204	.60364	.43524	1.0101	.94195	2.3902	.58890
#2	1.3324	4.4979	.60420	.43706	1.0054	.95045	2.3755	.59161
#3	1.3317	4.5298	.60394	.43344	1.0093	.94992	2.4014	.59215

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	.40686	.10230	.23804	.08403	1.1054	1.1481	.04427	.44929
Stddev	.00097	.00013	.00096	.00093	.0081	.0009	.00028	.00451
%RSD	.23846	.12280	.40189	1.1016	.73266	.08208	.62127	1.0047

#1	.40730	.10240	.23782	.08425	1.1073	1.1473	.04457	.44498
#2	.40754	.10216	.23909	.08483	1.1125	1.1491	.04403	.45399
#3	.40575	.10233	.23721	.08302	1.0966	1.1478	.04420	.44891

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	.52917	.02582	.52714	.10352	.71178	1.5661	11.954
Stddev	.00139	.00033	.00370	.00038	.00078	.0029	.007
%RSD	.26342	1.2972	.70213	.36305	.10979	.18547	.06223

#1	.53071	.02544	.52292	.10320	.71093	1.5684	11.949
#2	.52881	.02597	.52868	.10393	.71247	1.5628	11.963
#3	.52799	.02606	.52983	.10341	.71195	1.5671	11.951

Sample Name: S2 Acquired: 11/01/2021 11:52:22 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	1092.5	29058.	4088.1	777.98	1384.2
Stddev	2.4	97.	10.5	6.34	3.7
%RSD	.22289	.33364	.25583	.81538	.26523
#1	1093.0	28948.	4099.0	772.63	1385.1
#2	1089.8	29093.	4078.2	776.32	1380.2
#3	1094.6	29132.	4087.0	784.99	1387.3

Sample Name: S3 Acquired: 11/01/2021 11:56:17 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	.08481	.13800	2.6424	.10000	.35633	8.9171	20.611	1.0254
Stddev	.00022	.00049	.0024	.00035	.00079	.0315	.045	.0016
%RSD	.26202	.35716	.08880	.35301	.22120	.35310	.21627	.15493

#1	.08494	.13784	2.6400	.09996	.35581	8.9216	20.651	1.0255
#2	.08493	.13761	2.6424	.09966	.35595	8.9461	20.619	1.0238
#3	.08455	.13855	2.6447	.10037	.35724	8.8836	20.563	1.0270

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	2.6071	8.8041	1.1668	.86190	1.9739	1.8387	4.6263	1.1655
Stddev	.0050	.0236	.0003	.00227	.0088	.0105	.0086	.0081
%RSD	.18987	.26840	.02767	.26310	.44690	.56940	.18613	.69872

#1	2.6090	8.8123	1.1668	.85954	1.9700	1.8402	4.6279	1.1637
#2	2.6015	8.8226	1.1672	.86209	1.9840	1.8484	4.6341	1.1744
#3	2.6108	8.7775	1.1665	.86407	1.9677	1.8276	4.6171	1.1584

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	.80015	.20349	.46746	.16273	2.2088	2.2355	.09026	.89603
Stddev	.00066	.00128	.00175	.00101	.0128	.0090	.00048	.00634
%RSD	.08305	.63035	.37358	.62030	.58039	.40311	.53200	.70791

#1	.79943	.20349	.46668	.16174	2.1967	2.2393	.08985	.90281
#2	.80029	.20478	.46946	.16268	2.2223	2.2419	.09015	.89023
#3	.80074	.20221	.46625	.16375	2.2075	2.2251	.09079	.89507

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	1.0465	.05231	1.0220	.20518	1.3949	3.0807	23.522
Stddev	.0048	.00013	.0046	.00032	.0110	.0142	.063
%RSD	.46037	.25701	.44506	.15400	.78763	.46002	.26800

#1	1.0424	.05243	1.0266	.20482	1.3949	3.0859	23.555
#2	1.0453	.05235	1.0175	.20531	1.4059	3.0914	23.562
#3	1.0518	.05216	1.0219	.20540	1.3840	3.0646	23.449

Sample Name: S3 Acquired: 11/01/2021 11:56:17 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	1058.1	28778.	4080.1	756.33	1330.2
Stddev	2.1	180.	39.3	3.04	.9
%RSD	.19607	.62425	.96215	.40144	.06893
#1	1060.5	28648.	4059.5	756.53	1330.8
#2	1056.9	28703.	4055.4	753.21	1329.1
#3	1056.9	28983.	4125.3	759.27	1330.6

Sample Name: S4 Acquired: 11/01/2021 12:00:10 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	.17016	.27410	5.2768	.19477	.71213	17.958	41.064	1.9999
Stddev	.00109	.00119	.0206	.00121	.00081	.061	.095	.0210
%RSD	.63786	.43438	.39121	.62362	.11326	.33940	.23122	1.0500

#1	.16921	.27277	5.2639	.19549	.71306	18.017	41.170	2.0234
#2	.17135	.27444	5.2659	.19546	.71160	17.895	40.987	1.9832
#3	.16994	.27508	5.3006	.19337	.71173	17.962	41.036	1.9929

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.1341	17.382	2.2659	1.7207	3.9028	3.6188	8.9974	2.3465
Stddev	.0095	.025	.0026	.0028	.0099	.0347	.0127	.0206
%RSD	.18572	.14505	.11531	.16195	.25328	.95739	.14056	.87612

#1	5.1256	17.398	2.2669	1.7186	3.9140	3.6573	8.9852	2.3690
#2	5.1323	17.353	2.2679	1.7197	3.8991	3.5901	8.9967	2.3288
#3	5.1444	17.396	2.2630	1.7239	3.8952	3.6090	9.0105	2.3415

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	1.5864	.40827	.93199	.32209	4.5162	4.4743	.18509	1.7761
Stddev	.0025	.00123	.00952	.00437	.0092	.0142	.00036	.0115
%RSD	.15685	.30117	1.0212	1.3583	.20415	.31674	.19581	.64852

#1	1.5874	.40869	.94292	.32673	4.5191	4.4897	.18472	1.7894
#2	1.5836	.40689	.92555	.31805	4.5236	4.4618	.18509	1.7697
#3	1.5883	.40924	.92749	.32149	4.5059	4.4714	.18545	1.7693

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	2.1055	.10727	1.9833	.41256	2.7741	6.1696	46.784
Stddev	.0019	.00072	.0164	.00138	.0216	.0288	.131
%RSD	.08982	.66923	.82536	.33547	.77670	.46739	.27895

#1	2.1044	.10714	2.0009	.41378	2.7990	6.2028	46.935
#2	2.1076	.10662	1.9685	.41106	2.7614	6.1519	46.708
#3	2.1044	.10804	1.9805	.41286	2.7620	6.1540	46.710

Sample Name: S4 Acquired: 11/01/2021 12:00:10 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	1005.3	28047.	4022.3	714.22	1257.0
Stddev	1.1	160.	29.2	.42	1.0
%RSD	.11108	.57154	.72580	.05884	.07676
#1	1004.7	28038.	3992.1	714.58	1257.7
#2	1004.6	27891.	4050.4	714.31	1257.4
#3	1006.6	28211.	4024.5	713.76	1255.9

Sample Name: S5 Acquired: 11/01/2021 12:04:03 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	.34852	.53036	10.561	.37656	1.4552	36.268	80.034	3.9143
Stddev	.00153	.00145	.030	.00114	.0040	.140	1.620	.0214
%RSD	.44042	.27251	.28651	.30177	.27575	.38697	2.0239	.54721

#1	.34691	.52946	10.528	.37531	1.4511	36.389	81.775	3.9107
#2	.34870	.53203	10.566	.37682	1.4554	36.301	79.756	3.8949
#3	.34996	.52959	10.588	.37754	1.4591	36.114	78.571	3.9373

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.068	34.315	4.3771	3.4266	7.7172	7.0730	17.594	4.7273
Stddev	.026	.098	.0132	.0085	.0147	.0081	.057	.0167
%RSD	.26111	.28510	.30180	.24717	.19110	.11511	.32452	.35336

#1	10.040	34.355	4.3714	3.4175	7.7172	7.0806	17.586	4.7304
#2	10.074	34.388	4.3678	3.4280	7.7320	7.0644	17.655	4.7092
#3	10.091	34.204	4.3923	3.4343	7.7025	7.0739	17.541	4.7422

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	3.1452	.82455	1.8635	.63074	9.3579	8.9410	.37637	3.5027
Stddev	.0053	.00298	.0013	.00526	.0080	.0172	.00079	.0124
%RSD	.16827	.36177	.06707	.83421	.08501	.19220	.20857	.35542

#1	3.1407	.82571	1.8626	.63085	9.3669	8.9607	.37563	3.5007
#2	3.1438	.82678	1.8649	.63594	9.3518	8.9296	.37629	3.4914
#3	3.1510	.82116	1.8630	.62542	9.3550	8.9326	.37719	3.5160

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	4.2792	.21945	3.8918	.82158	5.4966	12.419	91.767
Stddev	.0086	.00066	.0137	.00262	.0116	.044	.250
%RSD	.20012	.30157	.35204	.31918	.21173	.35238	.27192

#1	4.2707	.21911	3.8850	.82012	5.4982	12.446	91.648
#2	4.2789	.21902	3.8827	.82003	5.5074	12.443	91.599
#3	4.2879	.22021	3.9075	.82461	5.4842	12.369	92.053

Sample Name: S5 Acquired: 11/01/2021 12:04:03 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	925.47	27434.	3953.2	661.33	1165.8
Stddev	3.51	93.	17.3	4.59	4.6
%RSD	.37966	.33872	.43868	.69468	.39856
#1	928.60	27327.	3934.9	656.48	1169.4
#2	926.13	27496.	3955.3	661.88	1167.5
#3	921.67	27479.	3969.4	665.62	1160.6

Sample Name: S6 Acquired: 11/01/2021 12:08:09 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) 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	98.951	55.386	19.224	7.9571	5.1715
Stddev	1.015	.031	.118	.0515	.0224
%RSD	1.0259	.05651	.61611	.64772	.43298

#1	97.881	55.356	19.361	8.0156	5.1972
#2	99.900	55.418	19.160	7.9378	5.1563
#3	99.072	55.383	19.151	7.9181	5.1610

Int. Std.	Y_3710
Units	Cts/S
Avg	3911.6
Stddev	12.4
%RSD	.31800

#1	3918.6
#2	3919.0
#3	3897.3

Sample Name: ICV001 Acquired: 11/01/2021 12:12:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017821	1.061900	1.017160	1.056516	1.014607	2.493267	.5338523
Stddev	.006960	.009267	.004895	.004470	.003175	.015981	.0002515
%RSD	.6837933	.8726389	.4812067	.4231022	.3128814	.6409761	.0471084

#1	1.014594	1.070357	1.022812	1.051430	1.013724	2.511659	.5341153
#2	1.013060	1.063348	1.014273	1.058297	1.011967	2.482774	.5336142
#3	1.025808	1.051994	1.014396	1.059821	1.018129	2.485367	.5338274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5542753	.5341815	10.27794	.5648651	.5217924	.5318502	10.81693
Stddev	.0047741	.0012100	.02877	.0028494	.0014055	.0051024	.05376
%RSD	.8613263	.2265097	.2799565	.5044346	.2693554	.9593665	.4970405

#1	.5596853	.5351732	10.27875	.5681418	.5223113	.5361421	10.87650
#2	.5506530	.5345380	10.30629	.5629692	.5228647	.5331997	10.80228
#3	.5524877	.5328333	10.24876	.5634842	.5202013	.5262087	10.77201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323846	5.689457	.5347196	.2466488	10.16831	.5351919	.9574603
Stddev	.0024486	.019163	.0016965	.0005251	.26720	.0084147	.0079868
%RSD	.4599345	.3368091	.3172730	.2128748	2.627764	1.572275	.8341660

#1	.5346328	5.669484	.5365131	.2462795	9.86605	.5413165	.9664367
#2	.5297756	5.707691	.5331405	.2464169	10.37306	.5386623	.9548040
#3	.5327453	5.691197	.5345052	.2472498	10.26583	.5255971	.9511401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.638682	5.182782	5.256521	4.974130	5.128886	4.800636	4.959662
Stddev	.142983	.035808	.020104	.005917	.023701	.018000	.021846
%RSD	1.483431	.6909023	.3824612	.1189611	.4621010	.3749588	.4404704

#1	9.741096	5.152946	5.279485	4.978749	5.113541	4.820958	4.984484
#2	9.699626	5.222490	5.242096	4.976180	5.156183	4.786697	4.951143
#3	9.475325	5.172910	5.247982	4.967460	5.116935	4.794253	4.943359

Sample Name: ICV001 Acquired: 11/01/2021 12:12:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.356763	5.182724	5.471418
Stddev	.035971	.021041	.008116
%RSD	.6715040	.4059791	.1483282

#1	5.397721	5.205264	5.476061
#2	5.342265	5.179307	5.476145
#3	5.330304	5.163600	5.462047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.399	29444.26	4082.527	791.0522	1430.016
Stddev	.676	100.56	15.500	2.8764	1.179
%RSD	.0609445	.3415112	.3796752	.3636147	.0824756

#1	1108.232	29505.94	4065.558	794.3159	1428.667
#2	1107.822	29328.22	4095.940	789.9541	1430.533
#3	1109.142	29498.60	4086.084	788.8867	1430.849

Sample Name: ICB001 Acquired: 11/01/2021 12:20:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003717	-.005892	-.000378	-.006811	.0067352	-.003763	-.001369
Stddev	.0030263	.002267	.003030	.004926	.0019308	.012518	.001541
%RSD	814.1331	38.46715	801.8525	72.32568	28.66718	332.6346	112.6231

#1	.0013910	-.005651	-.001964	-.002443	.0052405	-.017261	-.000349
#2	-.003033	-.003756	.003116	-.005839	.0089152	-.001494	-.003142
#3	.002757	-.008270	-.002286	-.012150	.0060499	.007465	-.000615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000046	-.000047	.0250578	.0000457	.0001125	-.000083	-.006573
Stddev	.000083	.000210	.0107413	.0003950	.0001056	.001010	.014175
%RSD	182.6825	449.7982	42.86600	863.8107	93.85546	1217.088	215.6498

#1	-.000098	-.000243	.0201211	.0004957	.0000190	.000346	.000410
#2	-.000089	.000174	.0176724	-.000115	.0000915	-.001237	.002756
#3	.000050	-.000071	.0373799	-.000244	.0002271	.000642	-.022885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000734	-.036894	-.000639	.0003601	-.218109	.0005163	.0047150
Stddev	.0006982	.012527	.000242	.0001455	.095806	.0011234	.0053652
%RSD	950.5172	33.95508	37.78743	40.41827	43.92555	217.5905	113.7910

#1	.0003225	-.044784	-.000906	.0003275	-.245317	.0017779	-.000485
#2	.0006130	-.022449	-.000576	.0002336	-.297368	-.000376	.010232
#3	-.000715	-.043449	-.000436	.0005192	-.111642	.000147	.004398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074786	-.000797	.0081891	.0007725	-.007282	-.000205	.0019095
Stddev	.090131	.004339	.0005687	.0002331	.003296	.001837	.0022694
%RSD	120.5192	544.6963	6.944069	30.17531	45.25689	896.5597	118.8515

#1	-.176003	.000968	.0085890	.0008713	-.003631	.001497	.0013134
#2	-.045153	.002381	.0084402	.0009399	-.008176	.000042	.0044174
#3	-.003202	-.005739	.0075381	.0005062	-.010038	-.002153	-.000002

Sample Name: ICB001 Acquired: 11/01/2021 12:20:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012903	-.003506	.0000391
Stddev	.0014097	.002354	.0000909
%RSD	109.2524	67.14395	232.6657

#1	.0026843	-.004021	.0000132
#2	.0013213	-.005561	-.000036
#3	-.000135	-.000937	.000140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1104.993	29082.99	3998.274	781.7869	1416.051
Stddev	4.972	150.00	9.526	11.3593	6.097
%RSD	.4499150	.5157510	.2382474	1.452987	.4305685

#1	1100.630	28916.17	3987.904	768.9157	1413.718
#2	1103.943	29126.03	4000.281	786.0359	1411.465
#3	1110.405	29206.76	4006.636	790.4092	1422.970

Sample Name: ICSA001 Acquired: 11/01/2021 12:24:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003212	-.004333	-.000067	.0024372	.0018486	247.2789
Stddev	.010394	.011322	.004443	.0062730	.0048872	.4312
%RSD	323.6427	261.2730	6628.491	257.3818	264.3724	.1743742

#1	-.012536	.008424	.004376	.0061916	-.003534	246.9325
#2	-.005094	-.013186	-.004511	.0059246	.006009	247.1423
#3	.007995	-.008238	-.000066	-.004805	.003070	247.7618

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036357	.0008507	.0008240	245.0268	.0583945	-.001797
Stddev	.0002614	.0001593	.0003027	.2607	.0008233	.000318
%RSD	7.190112	18.72572	36.73751	.1063788	1.409826	17.69872

#1	.0038645	.0010345	.0007384	245.3220	.0584286	-.002163
#2	.0033508	.0007632	.0011603	244.8281	.0575546	-.001634
#3	.0036919	.0007542	.0005734	244.9304	.0592001	-.001593

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074354	102.7973	.0138535	247.9163	-.001676	.0021327
Stddev	.0021972	.3634	.0001427	1.1496	.000635	.0001830
%RSD	29.55050	.3534912	1.030043	.4637144	37.89641	8.580769

#1	.0082880	102.4408	.0138926	246.7852	-.001781	.0021352
#2	.0049397	102.7841	.0136954	247.8800	-.002252	.0019484
#3	.0090786	103.1672	.0139727	249.0836	-.000995	.0023144

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2043469	.0017121	.0156179	-.316617	-.000795	F -.012934
Stddev	.1869790	.0037995	.0052404	.110537	.006755	.003192
%RSD	91.50076	221.9152	33.55366	34.91177	849.4293	24.67814

#1	.2962053	-.002656	.0216516	-.428291	.006751	-.009305
#2	.3276295	.004253	.0122050	-.207254	-.002858	-.015307
#3	-.010794	.003539	.0129969	-.314306	-.006279	-.014188

Sample Name: ICSA001 Acquired: 11/01/2021 12:24:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010517	-.005113	.0043533	.0002346	-.002087	.0022841
Stddev	.0012184	.009818	.0002638	.0047159	.001027	.0017003
%RSD	115.8569	192.0277	6.058758	2010.003	49.22911	74.44113
#1	.0018519	-.015291	.0046578	-.003563	-.002055	.0007331
#2	-.000351	.004301	.0042085	-.001246	-.001075	.0041021
#3	.001654	-.004348	.0041937	.005513	-.003129	.0020170

Elem	Sr4077
Units	ppm
Avg	.0044128
Stddev	.0001253
%RSD	2.839558
#1	.0043540
#2	.0045567
#3	.0043277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.943	28143.66	4013.177	750.1981	1305.545
Stddev	2.042	119.76	2.973	4.5527	.622
%RSD	.1935620	.4255352	.0740888	.6068694	.0476394
#1	1053.020	28280.85	4015.096	745.3365	1306.067
#2	1057.086	28059.97	4014.683	754.3613	1304.857
#3	1054.723	28090.17	4009.752	750.8964	1305.710

Sample Name: ICSAB001 Acquired: 11/01/2021 12:28:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947137	.1055541	.0520162	.0550031	.5886400	245.1879
Stddev	.0069309	.0090064	.0042224	.0045150	.0044723	.8916
%RSD	7.317757	8.532497	8.117423	8.208571	.7597762	.3636381

#1	.1027162	.1108042	.0558830	.0577798	.5932994	244.4516
#2	.0908046	.1107035	.0526544	.0497934	.5843817	246.1792
#3	.0906205	.0951546	.0475110	.0574360	.5882390	244.9328

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5157284	.5304438	1.024864	247.3983	.5928481	.5020548
Stddev	.0011768	.0055637	.002432	.3838	.0031588	.0019851
%RSD	.2281757	1.048882	.2372584	.1551349	.5328086	.3954018

#1	.5151024	.5240269	1.024618	246.9552	.5892946	.4998538
#2	.5149970	.5333828	1.022565	247.6172	.5953369	.5026008
#3	.5170859	.5339216	1.027409	247.6226	.5939130	.5037097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5105492	104.6568	.5186224	251.1695	1.006390	.2109822
Stddev	.0027402	.6096	.0037633	1.7435	.002067	.0004594
%RSD	.5367169	.5824736	.7256415	.6941567	.2053592	.2177681

#1	.5100263	104.0892	.5169084	249.3936	1.005424	.2104813
#2	.5135132	105.3011	.5160212	252.8787	1.004984	.2113840
#3	.5081082	104.5800	.5229377	251.2361	1.008763	.2110812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151228	.5135271	1.031978	-.366493	.0072022	F -.024717
Stddev	.2230095	.0037492	.012405	.059362	.0110950	.003136
%RSD	1474.659	.7300922	1.202087	16.19723	154.0491	12.68665

#1	.1337353	.5093129	1.036438	-.422686	.0055227	-.022495
#2	-.242127	.5164927	1.041537	-.372391	-.002957	-.023353
#3	.153760	.5147756	1.017960	-.304403	.019041	-.028304

Sample Name: ICSAB001 Acquired: 11/01/2021 12:28:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006126	.0012109	.0013396	.0001106	-.003472	.0004560
Stddev	.0003216	.0167461	.0014105	.0049335	.001422	.0001784
%RSD	52.50866	1382.959	105.2964	4461.238	40.96319	39.11143

#1	.0003276	-.015533	.0003367	.0037073	-.002154	.0003483
#2	.0009613	.001206	.0007296	-.005514	-.004979	.0003579
#3	.0005487	.017960	.0029524	.002138	-.003282	.0006619

Elem	Sr4077
Units	ppm
Avg	.0039416
Stddev	.0006252
%RSD	15.86131

#1	.0044214
#2	.0032346
#3	.0041688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.315	27868.61	4083.356	741.6440	1299.018
Stddev	6.228	18.64	23.967	4.4905	4.823
%RSD	.5935191	.0668722	.5869368	.6054823	.3712548

#1	1056.070	27856.62	4110.100	736.6414	1303.069
#2	1048.074	27859.14	4076.149	745.3265	1300.303
#3	1043.801	27890.08	4063.820	742.9639	1293.683

Sample Name: CCV081 Acquired: 11/01/2021 12:32:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.990368	4.840557	25.56911	4.782077	4.796927	403.7406	9.870232
Stddev	.011711	.003502	.03149	.039687	.024241	1.1852	.011250
%RSD	.2346638	.0723486	.1231748	.8299161	.5053545	.2935580	.1139806

#1	5.003508	4.844052	25.53700	4.749739	4.797201	402.9443	9.879907
#2	4.981033	4.837048	25.57039	4.826366	4.772549	405.1027	9.872902
#3	4.986565	4.840570	25.59995	4.770125	4.821030	403.1749	9.857887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950746	2.453001	403.2878	15.31090	2.457483	15.14121	431.0386
Stddev	.0064867	.003334	.2330	.01078	.007671	.03823	3.0084
%RSD	1.310248	.1359099	.0577724	.0704151	.3121319	.2524779	.6979435

#1	.5014563	2.450491	403.4516	15.31649	2.452157	15.12470	429.2010
#2	.4952798	2.451729	403.0211	15.31773	2.454017	15.18492	434.5105
#3	.4884877	2.456784	403.3908	15.29847	2.466275	15.11401	429.4044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.75329	424.4213	2.402438	1.296908	416.1766	2.499645	16.35361
Stddev	.02796	3.3831	.009110	.010888	1.9681	.019212	.22325
%RSD	.1894912	.7971133	.3791926	.8395335	.4728973	.7685759	1.365120

#1	14.78323	421.9159	2.394002	1.286721	414.7943	2.492541	16.10410
#2	14.72786	428.2697	2.401214	1.295621	418.4299	2.521397	16.42225
#3	14.74878	423.0782	2.412098	1.308383	415.3056	2.484997	16.53447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.3712	4.888757	5.239084	4.895117	5.056947	5.155596	4.761521
Stddev	.3142	.024837	.052914	.006423	.022621	.066671	.020547
%RSD	.2048789	.5080457	1.009980	.1312213	.4473345	1.293183	.4315133

#1	153.3401	4.868522	5.295375	4.890657	5.059783	5.230876	4.751828
#2	153.6998	4.881274	5.231514	4.892214	5.078016	5.131914	4.747614
#3	153.0736	4.916475	5.190363	4.902479	5.033041	5.103999	4.785121

Sample Name: CCV081 Acquired: 11/01/2021 12:32:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.323588	5.088455	4.920548
Stddev	.021974	.014847	.006235
%RSD	.4127643	.2917800	.1267203

#1	5.306179	5.082235	4.918697
#2	5.348279	5.105401	4.927499
#3	5.316308	5.077730	4.915448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	967.8780	26588.91	3986.771	670.3343	1182.490
Stddev	.8970	112.09	14.146	6.4453	1.003
%RSD	.0926793	.4215526	.3548162	.9615034	.0848434

#1	968.0858	26698.06	3970.504	676.8149	1183.359
#2	968.6529	26594.56	3993.626	670.2630	1182.718
#3	966.8954	26474.11	3996.184	663.9249	1181.392

Sample Name: CCB081 Acquired: 11/01/2021 12:36:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053238	-.000443	.0020339	-.002454	.0019630	.0118715
Stddev	.0042737	.003857	.0026983	.008239	.0016046	.0057959
%RSD	80.27431	871.3622	132.6677	335.7078	81.74015	48.82214

#1	.0071515	-.003791	.0045880	-.000036	.0014139	.0111144
#2	.0083797	.003776	-.000789	-.011631	.0007051	.0064914
#3	.0004402	-.001313	.002302	.004305	.0037700	.0180088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004284	-.000040	-.000010	.0197410	-.000045	.0003360
Stddev	.000119	.000009	.000038	.0011869	.000496	.0005510
%RSD	2.776286	23.35203	400.1020	6.012568	1111.188	164.0005

#1	-.004411	-.000032	-.000019	.0196467	.000125	.0006730
#2	-.004266	-.000037	.000033	.0209722	-.000603	-.000300
#3	-.004176	-.000050	-.000043	.0186040	.000344	.000635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001338	-.006619	.0013462	.0192765	-.000025	.0001167
Stddev	.0015668	.008770	.0005605	.0041982	.000307	.0003453
%RSD	1170.921	132.4961	41.63460	21.77877	1246.780	295.8621

#1	.0018094	-.006358	.0008308	.0180438	-.000232	-.000231
#2	-.000113	.002018	.0019429	.0239530	.000328	.000460
#3	-.001295	-.015517	.0012649	.0158327	-.000170	.000121

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.525914	.0009068	.0048083	-.216672	.0042720	F .0155787
Stddev	.090013	.0006209	.0011447	.094776	.0021563	.0008672
%RSD	17.11555	68.46445	23.80707	43.74163	50.47628	5.566835

#1	-.629007	.0012511	.0060338	-.317758	.0065231	.0164775
#2	-.485819	.0001901	.0046244	-.129816	.0040680	.0147469
#3	-.462915	.0012793	.0037666	-.202441	.0022249	.0155118

Sample Name: CCB081 Acquired: 11/01/2021 12:36:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002665	-.008845	.0013060	-.000296	.0015959	-.006669
Stddev	.0003484	.002828	.0005684	.002705	.0006524	.001030
%RSD	130.7353	31.97160	43.51841	913.4138	40.88265	15.44291

#1	.0005567	-.009495	.0019583	.002338	.0020570	-.006652
#2	.0003625	-.005749	.0009172	-.003067	.0018811	-.005648
#3	-.000120	-.011292	.0010426	-.000159	.0008494	-.007707

Elem	Sr4077
Units	ppm
Avg	-.000070
Stddev	.000100
%RSD	142.3309

#1	.000041
#2	-.000153
#3	-.000098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1093.864	28411.60	4097.448	759.6055	1399.634
Stddev	2.860	151.71	7.738	2.2271	5.930
%RSD	.2615040	.5339584	.1888607	.2931946	.4237050

#1	1093.061	28582.74	4102.109	758.1722	1401.784
#2	1097.040	28293.65	4101.719	762.1713	1404.190
#3	1091.491	28358.42	4088.515	758.4730	1392.929

Sample Name: PB140332BL Acquired: 11/01/2021 12:43:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS332 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049301	-.005488	-.003998	-.000414	.0009441	.0162003	-.003703
Stddev	.0028629	.001508	.001757	.008614	.0022550	.0116039	.000641
%RSD	58.06898	27.48233	43.94513	2081.172	238.8569	71.62723	17.29651

#1	.0050389	-.005284	-.005988	.003099	-.001645	.0295254	-.004227
#2	.0077370	-.004092	-.002662	.005889	.001995	.0107544	-.002989
#3	.0020144	-.007088	-.003343	-.010230	.002482	.0083211	-.003895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000110	.0000076	.0063531	-.000453	.0005893	.0014354	-.004758
Stddev	.0000451	.0002524	.0143650	.000159	.0007024	.0044300	.010719
%RSD	408.5661	3341.020	226.1098	35.01320	119.2102	308.6260	225.2542

#1	.0000606	.0002133	-.009778	-.000420	.0013851	.0058062	.005856
#2	.0000001	-.000274	.017765	-.000625	.0003269	.0015516	-.004553
#3	-.000028	.000084	.011072	-.000313	.0000557	-.003052	-.015578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	-.057438	-.000182	.0001039	-.212627	-.001298	-.000731
Stddev	.000446	.039362	.000242	.0003551	.263957	.000978	.003512
%RSD	443.8309	68.52837	132.9347	341.8241	124.1406	75.30338	480.6390

#1	-.000159	-.030653	-.000312	-.000047	-.517401	-.002312	-.004562
#2	.000372	-.039031	-.000331	-.000151	-.063126	-.000362	.000033
#3	-.000514	-.102631	.000097	.000510	-.057356	-.001221	.002337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142547	.0031663	.0025180	.0002830	-.001222	-.004223	-.002984
Stddev	.0683755	.0041226	.0018806	.0004277	.011181	.000971	.001718
%RSD	479.6686	130.2019	74.68699	151.1360	915.1489	22.99966	57.58035

#1	.0126699	.0028275	.0004195	.0004659	-.011051	-.005338	-.003116
#2	.0834089	.0074477	.0040508	.0005888	.010943	-.003766	-.004633
#3	-.053315	-.000776	.0030836	-.000206	-.003557	-.003565	-.001204

Sample Name: PB140332BL Acquired: 11/01/2021 12:43:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS332 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008929	-.006391	-.000031
Stddev	.0007319	.000716	.000030
%RSD	81.96268	11.19680	98.82726

#1	.0010606	-.007197	-.000054
#2	.0015264	-.006146	.000004
#3	.0000918	-.005831	-.000041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.397	27955.88	4246.472	746.5144	1367.881
Stddev	3.695	19.68	3.933	.6505	2.172
%RSD	.3367359	.0703847	.0926243	.0871348	.1587830

#1	1093.348	27933.63	4241.932	747.1198	1365.690
#2	1100.587	27970.99	4248.832	745.8267	1370.033
#3	1098.257	27963.01	4248.653	746.5968	1367.919

Sample Name: PB140332BS Acquired: 11/01/2021 12:47:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS332 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192865	.0520758	.0197111	.0668335	.1260071	.4171835
Stddev	.0023156	.0065676	.0031870	.0047094	.0043971	.0018459
%RSD	12.00616	12.61156	16.16865	7.046477	3.489553	.4424714

#1	.0219393	.0450645	.0188017	.0676138	.1308116	.4168236
#2	.0176702	.0530787	.0170776	.0711040	.1250269	.4191828
#3	.0182501	.0580842	.0232540	.0617827	.1221829	.4155440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3970739	.0097028	.0108559	10.82256	.0214282	.1029307
Stddev	.0031599	.0000544	.0000751	.04987	.0002144	.0004851
%RSD	.7957892	.5610690	.6921641	.4607924	1.000559	.4712466

#1	.3991256	.0096794	.0108479	10.85463	.0216505	.1034906
#2	.3934351	.0097651	.0109347	10.76510	.0214113	.1026376
#3	.3986611	.0096641	.0107851	10.84794	.0212227	.1026639

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517936	.1909482	.0346086	9.126285	.0833739	.0224190
Stddev	.0010825	.0133048	.0009420	.052573	.0006978	.0002167
%RSD	2.090035	6.967757	2.721842	.5760597	.8368976	.9664687

#1	.0508505	.1757884	.0356504	9.182069	.0832727	.0226392
#2	.0515547	.2006851	.0338169	9.077656	.0841167	.0224117
#3	.0529756	.1963711	.0343585	9.119131	.0827323	.0222061

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10821	.0980526	.1234253	9.574858	.0225286	F .1902394
Stddev	.37495	.0036463	.0005071	.060273	.0025189	.0006774
%RSD	3.709331	3.718698	.4108720	.6294888	11.18080	.3560983

#1	10.34800	.0993393	.1229583	9.570224	.0253597	.1907665
#2	10.30050	.0939374	.1239647	9.517036	.0216903	.1904763
#3	9.67613	.1008811	.1233529	9.637314	.0205358	.1894753

Sample Name: PB140332BS Acquired: 11/01/2021 12:47:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS332 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215444	.1861662	.1822457	.0099392	.2073144	.0226297
Stddev	.0008520	.0092703	.0018008	.0033746	.0020268	.0007464
%RSD	3.954458	4.979596	.9880877	33.95288	.9776290	3.298172

#1	.0205881	.1930597	.1837046	.0113971	.2092953	.0234844
#2	.0222224	.1898117	.1802332	.0123398	.2052447	.0222983
#3	.0218226	.1756273	.1827994	.0060807	.2074032	.0221064

Elem	Sr4077
Units	ppm
Avg	.2202062
Stddev	.0011048
%RSD	.5017132

#1	.2211808
#2	.2190060
#3	.2204319

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1105.984	27670.74	4250.959	734.9547	1388.872
Stddev	2.365	61.03	25.238	4.5200	1.793
%RSD	.2138234	.2205599	.5937014	.6150087	.1290710

#1	1108.619	27604.48	4226.190	739.6145	1390.080
#2	1104.046	27683.07	4276.641	730.5888	1386.812
#3	1105.286	27724.66	4250.045	734.6607	1389.724

Sample Name: M4396-01 Acquired: 11/01/2021 12:51:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991711	-.002807	5.258926	.0002540	.0102872	66.68709
Stddev	.0034287	.000659	.017661	.0049990	.0025699	.18245
%RSD	3.457313	23.47170	.3358306	1968.505	24.98108	.2735967

#1	.0958288	-.003313	5.265823	.0017940	.0080332	66.89765
#2	.1026801	-.003048	5.238857	.0043017	.0130857	66.57551
#3	.0990045	-.002062	5.272098	-.005334	.0097429	66.58812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.419611	.0083402	.5766821	99.17362	.1363850	.0641174
Stddev	.001452	.0000546	.0007688	.27247	.0004319	.0003497
%RSD	.1022858	.6549621	.1333204	.2747415	.3166789	.5453970

#1	1.419550	.0084033	.5761348	99.20297	.1358874	.0637136
#2	1.418191	.0083092	.5775611	98.88767	.1366632	.0643159
#3	1.421093	.0083081	.5763504	99.43024	.1366043	.0643226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6955821	142.8585	6.929083	31.24077	.1724573	.0194509
Stddev	.0030771	.7912	.020174	.29746	.0005856	.0002031
%RSD	.4423738	.5538120	.2911452	.9521498	.3395769	1.044098

#1	.6981213	143.7678	6.922119	31.57557	.1721129	.0194555
#2	.6921601	142.4805	6.913315	31.13980	.1731335	.0192455
#3	.6964649	142.3272	6.951817	31.00693	.1721256	.0196516

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.559490	.1809861	F 56.75307	8.326978	7.099539	.0218798
Stddev	.158031	.0030216	.43453	.029294	.019903	.0055158
%RSD	10.13349	1.669505	.7656451	.3518015	.2803419	25.20967

#1	1.383842	.1775075	57.17899	8.303743	7.087285	.0266659
#2	1.604482	.1824930	56.76981	8.317305	7.088829	.0231258
#3	1.690145	.1829579	56.31042	8.359886	7.122504	.0158475

Sample Name: M4396-01 Acquired: 11/01/2021 12:51:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082668	7.559046	11.63819	.0263453	.9365397	.0416203
Stddev	.0004133	.021549	.04537	.0023590	.0064348	.0024910
%RSD	4.999269	.2850795	.3898457	8.954230	.6870792	5.984977

#1	.0087310	7.581244	11.63993	.0277310	.9435985	.0431737
#2	.0081308	7.557685	11.59198	.0276834	.9350194	.0387472
#3	.0079387	7.538210	11.68267	.0236214	.9310012	.0429401

Elem	Sr4077
Units	ppm
Avg	.0572765
Stddev	.0006147
%RSD	1.073272

#1	.0566123
#2	.0573919
#3	.0578254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.031	31156.88	4787.536	831.7086	1388.805
Stddev	1.771	82.49	16.453	3.0690	1.961
%RSD	.1436471	.2647574	.3436725	.3689957	.1412300

#1	1234.913	31243.55	4768.836	831.3036	1390.417
#2	1232.785	31147.75	4799.792	828.8623	1389.376
#3	1231.396	31079.33	4793.979	834.9600	1386.621

Sample Name: M4396-02 Acquired: 11/01/2021 12:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0706577	-.003105	2.104511	-.001049	-.002021	60.83426
Stddev	.0028270	.003843	.009732	.005391	.001590	.22771
%RSD	4.000976	123.7774	.4624180	513.7491	78.67200	.3743069

#1	.0699472	-.001310	2.094924	.005176	-.001889	60.58660
#2	.0682537	-.000488	2.114381	-.004174	-.000501	61.03457
#3	.0737721	-.007518	2.104227	-.004149	-.003673	60.88161

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252108	.0079737	.5560734	166.0722	.1153222	.0625301
Stddev	.002177	.0003030	.0020679	.2028	.0006725	.0001954
%RSD	.1739024	3.800153	.3718730	.1221318	.5831015	.3124795

#1	1.254070	.0077364	.5538576	165.9296	.1152192	.0623136
#2	1.252487	.0083150	.5579520	166.3044	.1160401	.0625830
#3	1.249765	.0078696	.5564105	165.9827	.1147071	.0626935

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3819866	135.0532	5.364966	70.63787	.1377435	.0057628
Stddev	.0027636	.4425	.004683	.40704	.0004986	.0004456
%RSD	.7234831	.3276297	.0872818	.5762361	.3619848	7.731988

#1	.3837985	134.5438	5.360231	70.16817	.1381392	.0056080
#2	.3833555	135.2734	5.369594	70.88750	.1371835	.0062651
#3	.3788057	135.3424	5.365072	70.85794	.1379080	.0054152

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.453790	.1922899	F 46.11015	6.856102	5.109450	.0134403
Stddev	.121546	.0022299	.21882	.027405	.017421	.0034414
%RSD	8.360655	1.159633	.4745689	.3997160	.3409512	25.60500

#1	1.560307	.1900063	46.36188	6.832688	5.096080	.0155807
#2	1.321385	.1924017	45.96539	6.886245	5.129151	.0094706
#3	1.479678	.1944618	46.00318	6.849372	5.103119	.0152697

Sample Name: M4396-02 Acquired: 11/01/2021 12:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076351	13.38487	10.99271	.0147908	.9813931	.0504237
Stddev	.0004636	.04566	.11555	.0021969	.0020181	.0006776
%RSD	6.072522	.3411599	1.051195	14.85289	.2056339	1.343892

#1	.0075776	13.34722	10.89163	.0132399	.9810118	.0511337
#2	.0072029	13.43566	11.11868	.0173047	.9835746	.0497839
#3	.0081248	13.37171	10.96782	.0138278	.9795928	.0503534

Elem	Sr4077
Units	ppm
Avg	.0447762
Stddev	.0006516
%RSD	1.455246

#1	.0453219
#2	.0449521
#3	.0440548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.926	30927.20	4722.446	820.4353	1357.338
Stddev	1.338	118.74	19.704	2.5494	3.696
%RSD	.1108807	.3839259	.4172339	.3107343	.2722972

#1	1205.429	30890.28	4744.844	817.5234	1359.730
#2	1208.007	31060.01	4707.788	821.5170	1353.081
#3	1207.340	30831.31	4714.706	822.2655	1359.203

Sample Name: M4396-03 Acquired: 11/01/2021 12:59:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328624	-.005596	.3897561	-.000840	-.000099	45.79525	1.201100
Stddev	.0021735	.005523	.0028771	.004295	.002405	.07156	.003991
%RSD	6.613852	98.68411	.7381878	511.1948	2437.220	.1562664	.3322385

#1	.0350326	-.000684	.3928181	.003873	-.002769	45.72427	1.205502
#2	.0328688	-.011574	.3893413	-.004533	.001894	45.86738	1.197720
#3	.0306857	-.004532	.3871088	-.001860	.000579	45.79411	1.200078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043855	.0817609	257.7153	.0838127	.0722229	.1278258	95.97229
Stddev	.0000536	.0002158	.3545	.0003787	.0004326	.0034277	.40534
%RSD	1.221613	.2639494	.1375566	.4518336	.5990138	2.681501	.4223486

#1	.0043270	.0815381	257.7046	.0838995	.0717285	.1286423	95.54666
#2	.0043971	.0817755	258.0750	.0833981	.0724084	.1307715	96.35371
#3	.0044323	.0819690	257.3662	.0841404	.0725319	.1240637	96.01652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.846461	124.0389	.0864456	.0017284	.9749437	.1753829	7.195843
Stddev	.015314	.7219	.0003353	.0000780	.2381884	.0028944	.040053
%RSD	.1951701	.5820277	.3878309	4.512145	24.43099	1.650307	.5566138

#1	7.849875	123.4456	.0867515	.0016483	.9630532	.1751296	7.183172
#2	7.859779	124.8427	.0860872	.0018041	.7429233	.1783956	7.240698
#3	7.829728	123.8285	.0864982	.0017329	1.218855	.1726235	7.163657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.876680	2.528815	-.005969	.0067944	3.371059	9.189885	.0049454
Stddev	.053275	.017322	.001584	.0003677	.010158	.082683	.0016718
%RSD	1.374230	.6849859	26.53284	5.412116	.3013203	.8997156	33.80512

#1	3.817107	2.513589	-.007795	.0066576	3.367085	9.140652	.0040977
#2	3.919751	2.525196	-.004967	.0065146	3.363489	9.285343	.0038672
#3	3.893181	2.547661	-.005146	.0072109	3.382603	9.143659	.0068712

Sample Name: M4396-03 Acquired: 11/01/2021 12:59:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7502125	.0411718	.0895176
Stddev	.0011445	.0008506	.0001044
%RSD	.1525557	2.065909	.1165843

#1	.7489393	.0411361	.0896330
#2	.7511560	.0420396	.0894297
#3	.7505421	.0403396	.0894902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.921	29724.94	4532.735	786.2732	1328.153
Stddev	2.252	130.90	42.470	4.4347	1.372
%RSD	.1955066	.4403581	.9369599	.5640117	.1032851

#1	1149.494	29876.08	4573.798	789.0697	1329.732
#2	1153.944	29649.03	4488.986	781.1600	1327.474
#3	1152.325	29649.70	4535.420	788.5900	1327.253

Sample Name: M4396-04 Acquired: 11/01/2021 13:03:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464715	-.004945	.2708774	.0007634	.0044952	88.86252	1.368095
Stddev	.0060503	.004272	.0073088	.0038952	.0041499	.13258	.003420
%RSD	13.01943	86.38237	2.698210	510.2636	92.31781	.1491929	.2499739

#1	.0492491	-.001272	.2629150	.0022263	.0078618	88.74353	1.366959
#2	.0506343	-.003931	.2772813	.0037154	-.000141	88.83862	1.371938
#3	.0395311	-.009633	.2724358	-.003652	.005765	89.00543	1.365387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068592	.0250560	136.2726	.1379544	.0763799	.1225693	158.6345
Stddev	.0000984	.0002342	.1357	.0003149	.0006351	.0002251	1.4388
%RSD	1.434112	.9345383	.0995706	.2282846	.8314733	.1836287	.9069601

#1	.0069277	.0248130	136.3131	.1381424	.0756635	.1223647	157.3584
#2	.0067465	.0250747	136.3835	.1375908	.0766024	.1228104	158.3515
#3	.0069033	.0252802	136.1213	.1381300	.0768738	.1225328	160.1938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.731992	63.23087	.1293746	.0029345	.9990195	.2526353	2.914121
Stddev	.011984	.51995	.0004058	.0001378	.6083684	.0010784	.012913
%RSD	.1780147	.8223031	.3136340	4.695762	60.89655	.4268812	.4431138

#1	6.742771	63.02836	.1290727	.0030162	.3143682	.2534801	2.920560
#2	6.734118	62.84265	.1298358	.0030118	1.205141	.2530051	2.922549
#3	6.719087	63.82161	.1292151	.0027754	1.477549	.2514206	2.899255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.987605	2.452137	-.017485	.0062041	1.951725	10.17129	.0057782
Stddev	.050840	.019034	.001070	.0007786	.035451	.10980	.0007945
%RSD	1.019317	.7762051	6.120287	12.55040	1.816395	1.079545	13.74935

#1	5.023656	2.445418	-.018688	.0053073	1.992641	10.11765	.0066935
#2	4.929456	2.473619	-.017128	.0067085	1.932339	10.09862	.0052669
#3	5.009703	2.437374	-.016639	.0065965	1.930194	10.29761	.0053743

Sample Name: M4396-04 Acquired: 11/01/2021 13:03:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9T0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.050065	.0617613	.0151447
Stddev	.006068	.0002417	.0010946
%RSD	.5778428	.3913628	7.227337

#1	1.045842	.0617053	.0159864
#2	1.047336	.0620261	.0155404
#3	1.057018	.0615525	.0139074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1192.772	30895.17	4635.667	817.1433	1365.295
Stddev	3.907	88.69	19.363	7.0119	1.975
%RSD	.3275978	.2870533	.4176970	.8581028	.1446811

#1	1197.260	30882.13	4652.149	814.1845	1367.430
#2	1190.928	30813.72	4640.509	812.0958	1363.532
#3	1190.128	30989.65	4614.342	825.1497	1364.925

Sample Name: M4396-05 Acquired: 11/01/2021 13:07:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015862	.0042555	3.914426	.0046314	.0059629	70.53441
Stddev	.0057572	.0057325	.007879	.0038138	.0031004	.15797
%RSD	5.667293	134.7073	.2012800	82.34717	51.99372	.2239551

#1	.0968455	-.000208	3.923497	.0005327	.0089027	70.62811
#2	.1079926	.010720	3.909286	.0052858	.0027237	70.35203
#3	.0999206	.002254	3.910494	.0080757	.0062624	70.62310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.503130	.0089631	.5471825	78.32462	.1440446	.1093088
Stddev	.004708	.0001416	.0010468	.26231	.0004346	.0017178
%RSD	.3132159	1.579549	.1913146	.3349012	.3017381	1.571468

#1	1.505851	.0088418	.5472841	78.50641	.1436478	.1112856
#2	1.497693	.0089288	.5481748	78.02391	.1445091	.1081794
#3	1.505845	.0091187	.5460886	78.44354	.1439769	.1084614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6561578	161.3955	9.461854	26.59528	.1978257	.0156503
Stddev	.0019602	.3707	.043535	.06909	.0011212	.0006833
%RSD	.2987413	.2296732	.4601136	.2597914	.5667536	4.366260

#1	.6539107	161.5943	9.502979	26.67156	.1991202	.0164393
#2	.6570465	161.6245	9.416254	26.57741	.1971947	.0152639
#3	.6575163	160.9679	9.466329	26.53688	.1971621	.0152477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9081640	.2118266	F 49.28459	8.474424	7.136645	.0098776
Stddev	.2245654	.0036681	.40405	.026365	.019037	.0025071
%RSD	24.72740	1.731652	.8198398	.3111110	.2667470	25.38137

#1	1.149104	.2075929	49.40104	8.466225	7.135642	.0127621
#2	.870703	.2138357	49.61762	8.453134	7.156163	.0082231
#3	.704685	.2140512	48.83509	8.503915	7.118129	.0086475

Sample Name: M4396-05 Acquired: 11/01/2021 13:07:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078213	6.242686	10.99012	.0262889	.9816806	.0470295
Stddev	.0005429	.014803	.04978	.0019033	.0014481	.0011397
%RSD	6.941089	.2371253	.4529262	7.239926	.1475100	2.423408

#1	.0083237	6.259751	10.97067	.0281484	.9830558	.0472123
#2	.0072454	6.233306	10.95301	.0243447	.9801692	.0480668
#3	.0078947	6.235001	11.04669	.0263736	.9818168	.0458095

Elem	Sr4077
Units	ppm
Avg	.0271451
Stddev	.0007869
%RSD	2.898885

#1	.0275138
#2	.0262416
#3	.0276801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.488	31955.70	4746.163	853.5586	1398.531
Stddev	2.483	164.22	9.512	3.4920	1.537
%RSD	.2024464	.5138933	.2004200	.4091158	.1098888

#1	1228.854	31952.08	4743.490	852.4706	1397.685
#2	1223.903	31793.32	4756.725	850.7400	1397.603
#3	1226.708	32121.70	4738.272	857.4651	1400.305

Sample Name: M4396-06 Acquired: 11/01/2021 13:11:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275074	.0020376	4.384858	.0015600	.0021014	66.48333	1.418989
Stddev	.0046130	.0051271	.014046	.0053148	.0025309	.33179	.002690
%RSD	3.617788	251.6271	.3203321	340.6869	120.4419	.4990558	.1895661

#1	.1224538	.0046577	4.393015	.0060999	.0007335	66.28692	1.421998
#2	.1314918	-.003870	4.368639	.0028663	.0005488	66.86641	1.418154
#3	.1285767	.005325	4.392919	-.004286	.0050219	66.29668	1.416816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113615	.3132926	169.1998	.1691025	.0723114	.5174013	175.2384
Stddev	.0003055	.0010744	.2431	.0007505	.0007183	.0040736	1.5742
%RSD	2.688888	.3429434	.1436750	.4437982	.9933213	.7873235	.8983453

#1	.0111175	.3134901	169.4277	.1685234	.0715460	.5138960	173.7426
#2	.0117041	.3121331	169.2277	.1688338	.0724174	.5218704	176.8808
#3	.0112629	.3142546	168.9439	.1699503	.0729708	.5164374	175.0919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.229075	64.79740	.1465001	.0086460	1.571842	.2143394	28.89934
Stddev	.016984	.69231	.0003740	.0006439	.155881	.0028151	.26503
%RSD	.2726646	1.068424	.2553123	7.447639	9.917095	1.313383	.9170941

#1	6.245104	64.11583	.1466382	.0079094	1.463225	.2120103	29.01388
#2	6.211274	65.49997	.1460767	.0091021	1.501849	.2135403	29.08784
#3	6.230848	64.77640	.1467855	.0089266	1.750451	.2174677	28.59630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.990400	9.908609	.0142268	.0091751	8.326709	11.32719	.0570083
Stddev	.057454	.010945	.0043576	.0011730	.009085	.06573	.0008000
%RSD	.6390597	.1104563	30.62951	12.78496	.1091043	.5802635	1.403208

#1	8.969730	9.919772	.0116168	.0089466	8.335451	11.25489	.0567836
#2	9.055329	9.897896	.0192574	.0081332	8.317317	11.38333	.0563447
#3	8.946141	9.908158	.0118064	.0104456	8.327359	11.34335	.0578966

Sample Name: M4396-06 Acquired: 11/01/2021 13:11:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.051132	.0529932	.0633289
Stddev	.001247	.0002149	.0007582
%RSD	.1186109	.4055074	1.197194

#1	1.050862	.0532292	.0641645
#2	1.052492	.0529419	.0626848
#3	1.050043	.0528087	.0631375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.048	31846.53	4715.010	840.8404	1364.638
Stddev	1.492	35.82	24.775	2.9212	2.389
%RSD	.1226821	.1124842	.5254480	.3474114	.1750763

#1	1215.507	31835.39	4741.969	838.7602	1363.911
#2	1217.735	31886.60	4709.820	839.5808	1367.306
#3	1214.902	31817.60	4693.242	844.1800	1362.696

Sample Name: M4396-07 Acquired: 11/01/2021 13:15:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567067	.0013562	.9690610	.0067092	.0013342	62.76289	1.784029
Stddev	.0052771	.0035314	.0069621	.0090572	.0053952	.10744	.002231
%RSD	9.305989	260.3872	.7184392	134.9964	404.3645	.1711833	.1250630

#1	.0627475	.0050314	.9754979	.0055951	-.001356	62.88272	1.786562
#2	.0529938	.0010485	.9700133	.0162720	-.002187	62.67515	1.783171
#3	.0543789	-.002011	.9616717	-.001739	.007546	62.73080	1.782356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073858	.1178118	27.73736	.1149593	.0950174	.1726219	142.3136
Stddev	.0002287	.0006666	.03291	.0006602	.0007663	.0029721	.7596
%RSD	3.096678	.5658326	.1186534	.5743062	.8065401	1.721770	.5337664

#1	.0076305	.1176303	27.77469	.1157018	.0953672	.1760532	143.0592
#2	.0071774	.1185503	27.71253	.1144384	.0955464	.1709618	141.5407
#3	.0073496	.1172546	27.72487	.1147377	.0941385	.1708507	142.3408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.32943	14.47941	.1230567	.0029024	.7467514	.2434843	11.52556
Stddev	.00667	.06486	.0006535	.0004662	.0593164	.0045543	.01982
%RSD	.0541143	.4479576	.5310806	16.06153	7.943256	1.870471	.1719259

#1	12.32315	14.51023	.1234787	.0034354	.7838988	.2482908	11.54180
#2	12.32871	14.52312	.1223039	.0025711	.7780122	.2429292	11.53139
#3	12.33643	14.40489	.1233876	.0027006	.6783431	.2392330	11.50348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.353087	5.806354	-.003994	.0066938	2.513334	9.090533	.0242243
Stddev	.084186	.039225	.001508	.0004398	.012275	.054800	.0018866
%RSD	1.325121	.6755571	37.76552	6.570078	.4884135	.6028294	7.787895

#1	6.448533	5.824533	-.002702	.0068117	2.519306	9.137982	.0251107
#2	6.289402	5.833191	-.003627	.0062071	2.521481	9.030552	.0220578
#3	6.321324	5.761337	-.005651	.0070627	2.499215	9.103065	.0255045

Sample Name: M4396-07 Acquired: 11/01/2021 13:15:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9643184	.0492741	-.015511
Stddev	.0055918	.0021130	.000910
%RSD	.5798761	4.288284	5.865272

#1	.9670264	.0472773	-.016514
#2	.9578881	.0514868	-.014739
#3	.9680408	.0490583	-.015280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.295	31685.14	4621.918	851.0974	1427.225
Stddev	1.985	137.78	2.431	3.5250	4.490
%RSD	.1621121	.4348567	.0526046	.4141696	.3145887

#1	1222.306	31844.12	4619.146	854.2823	1424.184
#2	1224.302	31600.37	4622.920	847.3100	1425.110
#3	1226.276	31610.92	4623.689	851.7000	1432.382

Sample Name: M4396-08 Acquired: 11/01/2021 13:19:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371758	-.000138	.5164068	.0045847	.0031078	72.24194	1.525129
Stddev	.0044843	.002741	.0057828	.0093333	.0015586	.08658	.002132
%RSD	12.06235	1990.631	1.119818	203.5754	50.15030	.1198423	.1398192

#1	.0407679	.003017	.5186023	-.004339	.0018942	72.33410	1.526872
#2	.0386096	-.001492	.5098477	.003813	.0025638	72.22941	1.522751
#3	.0321500	-.001938	.5207703	.014280	.0048655	72.16231	1.525763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059611	.0670946	25.20740	.1174353	.1066819	.1364746	128.7543
Stddev	.0001760	.0004834	.11525	.0011473	.0005748	.0023067	.2380
%RSD	2.951800	.7204873	.4572239	.9769887	.5387847	1.690223	.1848742

#1	.0059751	.0673817	25.22566	.1187459	.1069360	.1368196	128.9857
#2	.0057785	.0665365	25.08410	.1166124	.1060238	.1340148	128.7670
#3	.0061296	.0673656	25.31243	.1169476	.1070858	.1385894	128.5101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.417817	14.96583	.1003986	.0031265	.5255148	.2221259	7.141030
Stddev	.024872	.06432	.0005828	.0001425	.3798778	.0065880	.040052
%RSD	.3875396	.4298008	.5805321	4.558853	72.28680	2.965908	.5608746

#1	6.416754	14.97346	.1007114	.0029625	.9470156	.2253108	7.101851
#2	6.393494	14.89803	.1007582	.0031964	.4199306	.2145506	7.181902
#3	6.443203	15.02600	.0997261	.0032206	.2095981	.2265164	7.139336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.180125	4.130196	-.004561	.0053018	1.680070	10.09457	.0116711
Stddev	.094563	.012630	.002607	.0011533	.014994	.00399	.0034977
%RSD	1.825492	.3057976	57.14756	21.75252	.8924477	.0395383	29.96849

#1	5.086250	4.141977	-.001659	.0044280	1.678663	10.09214	.0143005
#2	5.275361	4.116861	-.006702	.0048684	1.695718	10.09239	.0077015
#3	5.178765	4.131750	-.005323	.0066090	1.665830	10.09917	.0130114

Sample Name: M4396-08 Acquired: 11/01/2021 13:19:48 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9T4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010563	.0492005	-.005573
Stddev	.002220	.0027022	.000401
%RSD	.2196857	5.492218	7.190342

#1	1.008127	.0460972	-.005670
#2	1.011088	.0504706	-.005917
#3	1.012473	.0510336	-.005133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1203.562	31334.96	4571.609	837.8487	1424.872
Stddev	2.711	34.02	12.902	2.0375	2.624
%RSD	.2252472	.1085603	.2822150	.2431779	.1841782

#1	1202.242	31315.79	4571.538	835.4961	1421.843
#2	1201.764	31374.24	4584.546	839.0400	1426.339
#3	1206.680	31314.86	4558.742	839.0100	1426.436

Sample Name: M4396-09 Acquired: 11/01/2021 13:23:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3111354	-.005486	3.593541	.0092257	.0033014	65.10358
Stddev	.0020014	.005756	.017237	.0031004	.0020791	.25912
%RSD	.6432686	104.9171	.4796676	33.60647	62.97602	.3980070

#1	.3106152	-.000495	3.584615	.0119539	.0009076	65.08125
#2	.3133456	-.004181	3.582597	.0098690	.0046559	65.37314
#3	.3094455	-.011782	3.613410	.0058540	.0043407	64.85635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.483694	.0083833	.4496790	125.3444	.2168513	.0736329
Stddev	.005196	.0000384	.0010493	.3135	.0023124	.0005574
%RSD	.3502275	.4582504	.2333482	.2500816	1.066335	.7569924

#1	1.487859	.0083390	.4492131	125.7046	.2149154	.0739472
#2	1.477871	.0084030	.4489433	125.1949	.2162267	.0729893
#3	1.485351	.0084078	.4508806	125.1336	.2194118	.0739622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9956142	156.9884	7.329585	40.22802	.1749167	.0129572
Stddev	.0032044	1.5837	.011703	.53831	.0005888	.0003792
%RSD	.3218495	1.008791	.1596687	1.338134	.3366092	2.926716

#1	.9957233	157.5072	7.341473	40.25104	.1755937	.0133375
#2	.9987627	158.2476	7.318076	40.75445	.1745245	.0125791
#3	.9923567	155.2104	7.329206	39.67858	.1746318	.0129550

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9436191	.2018998	F 45.37001	10.06092	F 10.38457	.0121183
Stddev	.3029103	.0037062	.62298	.08930	.01854	.0033867
%RSD	32.10090	1.835658	1.373111	.8875549	.1785453	27.94670

#1	1.274858	.2009079	45.86489	10.15642	10.36689	.0127936
#2	.875288	.2060011	45.57471	10.04684	10.38297	.0151164
#3	.680711	.1987906	44.67044	9.97951	10.40387	.0084448

Sample Name: M4396-09 Acquired: 11/01/2021 13:23:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066961	6.964808	10.34525	.0306728	.8793694	.0466649
Stddev	.0005720	.014988	.03084	.0009859	.0090589	.0014583
%RSD	8.542802	.2151898	.2981109	3.214229	1.030158	3.124978

#1	.0073552	6.973327	10.30978	.0311671	.8794804	.0452101
#2	.0064037	6.973594	10.36574	.0313138	.8883723	.0481266
#3	.0063294	6.947503	10.36022	.0295376	.8702555	.0466579

Elem	Sr4077
Units	ppm
Avg	.1013642
Stddev	.0009209
%RSD	.9084667

#1	.1017530
#2	.1003127
#3	.1020268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.980	31476.87	4620.725	837.1912	1388.534
Stddev	5.260	45.82	17.661	9.1353	5.528
%RSD	.4383103	.1455779	.3822146	1.091179	.3980992

#1	1199.840	31432.92	4612.595	829.0777	1390.893
#2	1205.308	31473.32	4608.593	835.4100	1392.491
#3	1194.791	31524.36	4640.987	847.0858	1382.218

Sample Name: M4396-10 Acquired: 11/01/2021 13:27:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2982136	.0053816	3.794196	-.000108	.0040059	63.92512
Stddev	.0030772	.0100369	.013041	.013969	.0024938	.10651
%RSD	1.031889	186.5052	.3437175	12967.58	62.25249	.1666120

#1	.2974150	.0004126	3.793691	-.016158	.0052783	64.01700
#2	.2956143	-.001202	3.781414	.009298	.0011326	63.80838
#3	.3016114	.016934	3.807482	.006537	.0056067	63.94998

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.573043	.0085131	.5113849	136.7932	.1949895	.0817214
Stddev	.000935	.0000445	.0015332	.4707	.0006683	.0014385
%RSD	.0594133	.5231155	.2998046	.3440983	.3427547	1.760210

#1	1.572089	.0085617	.5108925	136.2533	.1955898	.0800930
#2	1.573084	.0085034	.5101585	137.1172	.1951093	.0822517
#3	1.573957	.0084742	.5131038	137.0092	.1942694	.0828194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9755319	160.1458	9.932492	49.03779	.1975346	.0141356
Stddev	.0011032	.2648	.028421	.05432	.0009969	.0001833
%RSD	.1130890	.1653588	.2861378	.1107652	.5046721	1.296499

#1	.9747500	160.3162	9.899800	49.10042	.1976107	.0139976
#2	.9767938	159.8408	9.946364	49.00359	.1965019	.0143435
#3	.9750520	160.2806	9.951313	49.00936	.1984913	.0140655

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9950731	.1924370	F 48.44193	9.927663	F 10.92803	.0179310
Stddev	.3557610	.0036041	.15153	.055592	.03199	.0014487
%RSD	35.75224	1.872871	.3128067	.5599719	.2927701	8.079067

#1	1.366175	.1932802	48.37231	9.863558	10.91478	.0183743
#2	.962095	.1884860	48.33772	9.962625	10.90478	.0191062
#3	.656950	.1955447	48.61576	9.956804	10.96451	.0163125

Sample Name: M4396-10 Acquired: 11/01/2021 13:27:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087019	6.618597	12.24644	.0345716	.8557034	.0457529
Stddev	.0003455	.015437	.02762	.0017839	.0014194	.0007732
%RSD	3.970477	.2332335	.2255599	5.160113	.1658786	1.689882

#1	.0083438	6.601846	12.26763	.0364850	.8571374	.0463814
#2	.0087288	6.621692	12.21520	.0342754	.8542990	.0459878
#3	.0090332	6.632251	12.25648	.0329542	.8556739	.0448895

Elem	Sr4077
Units	ppm
Avg	.0956057
Stddev	.0005574
%RSD	.5830083

#1	.0950710
#2	.0955627
#3	.0961833

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1201.116	31526.44	4642.394	841.1546	1381.343
Stddev	2.726	194.82	11.656	1.9722	5.078
%RSD	.2269620	.6179700	.2510766	.2344623	.3676115

#1	1204.255	31750.87	4654.381	842.9269	1385.861
#2	1199.754	31427.63	4631.100	841.5070	1382.321
#3	1199.341	31400.81	4641.700	839.0300	1375.848

Sample Name: M4396-11 Acquired: 11/01/2021 13:31:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2304342	-.001079	3.959852	-.001163	.0095927	71.64579
Stddev	.0054170	.004936	.012959	.003738	.0047778	.16157
%RSD	2.350788	457.4188	.3272475	321.4317	49.80638	.2255137

#1	.2320804	.004566	3.964136	-.005367	.0041593	71.81912
#2	.2348372	-.003224	3.970126	.000094	.0114812	71.49935
#3	.2243851	-.004579	3.945293	.001785	.0131376	71.61891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.476735	.0096702	.6404117	110.1636	.1491420	.0845406
Stddev	.003522	.0001569	.0019951	.0736	.0003181	.0008232
%RSD	.2384926	1.623025	.3115371	.0667867	.2132998	.9737775

#1	1.477277	.0097925	.6411212	110.1401	.1493732	.0840397
#2	1.479954	.0094932	.6419551	110.2461	.1487792	.0840914
#3	1.472973	.0097250	.6381588	110.1047	.1492736	.0854907

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8348686	185.3576	8.594609	33.91310	.2060019	.0191826
Stddev	.0045246	.8963	.009821	.20368	.0008599	.0006957
%RSD	.5419526	.4835705	.1142729	.6006001	.4174285	3.626522

#1	.8380357	186.2452	8.588071	34.00081	.2064463	.0184034
#2	.8368836	184.4528	8.605903	33.68026	.2050107	.0197412
#3	.8296866	185.3750	8.589852	34.05824	.2065486	.0194032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.269571	.2324904	F 59.47256	11.31872	F 10.93555	-.003373
Stddev	.336794	.0039560	.57389	.04644	.05895	.001937
%RSD	26.52821	1.701592	.9649604	.4102808	.5390846	57.41740

#1	1.651660	.2324354	60.12914	11.27436	10.98465	-.002573
#2	1.141269	.2285622	59.06667	11.31481	10.95184	-.005582
#3	1.015784	.2364737	59.22185	11.36699	10.87017	-.001965

Sample Name: M4396-11 Acquired: 11/01/2021 13:31:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079297	5.830863	9.117030	.0361400	.9571882	.0522175
Stddev	.0007562	.017335	.017277	.0038733	.0032771	.0018677
%RSD	9.535692	.2973018	.1895035	10.71745	.3423704	3.576744
#1	.0088017	5.837385	9.099896	.0393226	.9603495	.0543475
#2	.0075324	5.843991	9.134447	.0318273	.9538064	.0508600
#3	.0074551	5.811213	9.116748	.0372700	.9574087	.0514450

Elem	Sr4077
Units	ppm
Avg	.0614954
Stddev	.0005816
%RSD	.9456873
#1	.0608554
#2	.0616395
#3	.0619914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.461	32139.15	4705.063	855.9678	1391.849
Stddev	3.681	56.96	15.973	3.0175	4.105
%RSD	.3011224	.1772408	.3394922	.3525205	.2949464
#1	1224.525	32073.45	4722.081	853.4438	1393.099
#2	1224.647	32169.36	4702.713	859.3100	1387.264
#3	1218.211	32174.65	4690.395	855.1497	1395.183

Sample Name: M4396-12 Acquired: 11/01/2021 13:35:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2812615	.0097278	3.672685	.0047932	.0080972	66.50029
Stddev	.0042262	.0084008	.003317	.0057219	.0036800	.17189
%RSD	1.502575	86.35840	.0903038	119.3750	45.44861	.2584758

#1	.2763852	.0120956	3.674300	.0005351	.0121216	66.30336
#2	.2838627	.0166907	3.668870	.0025472	.0049035	66.57739
#3	.2835367	.0003973	3.674885	.0112974	.0072664	66.62014

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.441377	.0086216	.4654564	138.3089	.2164608	.0709359
Stddev	.000882	.0000311	.0005452	.1202	.0006663	.0014747
%RSD	.0611687	.3608799	.1171411	.0869201	.3078004	2.078938

#1	1.441815	.0086146	.4654048	138.4093	.2162872	.0700414
#2	1.441953	.0086556	.4660256	138.3416	.2171967	.0726380
#3	1.440362	.0085945	.4649388	138.1757	.2158985	.0701282

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9839331	156.0170	6.870010	38.66274	.1854605	.0145080
Stddev	.0020421	.8874	.008168	.23999	.0004648	.0002542
%RSD	.2075481	.5688136	.1188948	.6207202	.2506120	1.751864

#1	.9833171	155.0478	6.877281	38.44549	.1851662	.0142202
#2	.9862123	156.7899	6.871579	38.92035	.1859963	.0146022
#3	.9822698	156.2131	6.861172	38.62239	.1852190	.0147016

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039680	.1838178	F 46.39632	10.44299	F 11.25397	.0027572
Stddev	.100528	.0030861	.20939	.11030	.03627	.0007965
%RSD	9.669155	1.678893	.4513009	1.056203	.3223009	28.88756

#1	1.018772	.1843768	46.63809	10.32415	11.21223	.0032637
#2	.951250	.1865863	46.27470	10.54207	11.27785	.0018391
#3	1.149019	.1804905	46.27615	10.46276	11.27184	.0031687

Sample Name: M4396-12 Acquired: 11/01/2021 13:35:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082518	6.981791	9.498904	.0318459	.8610651	.0497738
Stddev	.0002585	.025347	.104196	.0017077	.0076011	.0013395
%RSD	3.132709	.3630511	1.096922	5.362469	.8827526	2.691109

#1	.0080286	6.966040	9.387498	.0308292	.8535105	.0500258
#2	.0085351	7.011030	9.593955	.0338175	.8609730	.0483262
#3	.0081918	6.968302	9.515259	.0308910	.8687118	.0509693

Elem	Sr4077
Units	ppm
Avg	.1281532
Stddev	.0004041
%RSD	.3153159

#1	.1286044
#2	.1278246
#3	.1280306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.722	31738.66	4660.440	844.2774	1390.486
Stddev	2.900	182.94	30.954	2.9633	3.452
%RSD	.2406904	.5763985	.6641902	.3509888	.2482940

#1	1202.447	31538.01	4694.894	841.0661	1392.395
#2	1203.731	31896.19	4634.975	846.9062	1386.501
#3	1207.987	31781.79	4651.451	844.8600	1392.563

Sample Name: M4396-13 Acquired: 11/01/2021 13:39:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514524	.0005175	.6414144	.0013450	.0023331	51.85990	1.951942
Stddev	.0036785	.0032840	.0039108	.0077106	.0034239	.04437	.006519
%RSD	7.149230	634.6203	.6097217	573.2824	146.7569	.0855600	.3339639

#1	.0556996	.0017947	.6422599	.0100155	.0059962	51.83178	1.959435
#2	.0493710	-.003213	.6371499	-.001238	.0017896	51.83686	1.947573
#3	.0492865	.002971	.6448333	-.004742	-.000787	51.91105	1.948819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059016	.0884492	27.02961	.1025386	.0742399	.1528879	120.2912
Stddev	.0001463	.0002016	.05398	.0010474	.0005843	.0021475	1.2061
%RSD	2.479734	.2278880	.1997228	1.021425	.7869953	1.404616	1.002684

#1	.0058316	.0886643	27.08244	.1031247	.0739095	.1544153	119.1939
#2	.0060697	.0884185	27.03185	.1013294	.0749146	.1504325	120.0971
#3	.0058033	.0882647	26.97454	.1031617	.0738958	.1538159	121.5826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.40420	13.85107	.1357934	.0026858	.5901061	.1939995	11.12040
Stddev	.01808	.09662	.0010699	.0000386	.3730877	.0051995	.03119
%RSD	.1457296	.6975899	.7878625	1.438905	63.22383	2.680186	.2804710

#1	12.42503	13.74496	.1369980	.0026888	.4456322	.1993810	11.09566
#2	12.39500	13.87426	.1354286	.0027229	1.013826	.1936141	11.11010
#3	12.39257	13.93398	.1349537	.0026458	.310861	.1890033	11.15543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.563039	4.258360	-.008833	.0083397	3.068773	8.871290	.0190699
Stddev	.094030	.025014	.002317	.0003267	.011567	.038243	.0028339
%RSD	1.432722	.5874172	26.23010	3.917411	.3769296	.4310858	14.86059

#1	6.481219	4.241531	-.010689	.0080747	3.056760	8.832166	.0158584
#2	6.665762	4.287104	-.009574	.0087047	3.069724	8.873119	.0212192
#3	6.542137	4.246444	-.006236	.0082397	3.079836	8.908586	.0201323

Sample Name: M4396-13 Acquired: 11/01/2021 13:39:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8236634	.0423006	.0047295
Stddev	.0049467	.0011166	.0011865
%RSD	.6005731	2.639717	25.08715

#1	.8209785	.0421046	.0055384
#2	.8206397	.0412949	.0052828
#3	.8293720	.0435022	.0033674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.611	31771.06	4581.683	858.3518	1435.912
Stddev	3.780	177.09	40.282	2.2763	3.336
%RSD	.3106891	.5573923	.8792016	.2651896	.2323506

#1	1219.609	31663.58	4623.172	860.9503	1439.758
#2	1217.859	31975.45	4579.149	856.7100	1434.185
#3	1212.365	31674.14	4542.727	857.3952	1433.793

Sample Name: M4396-14 Acquired: 11/01/2021 13:43:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183228	.0005198	11.27911	.0059671	.0056804	72.02357
Stddev	.0153488	.0042040	.01889	.0086197	.0026502	.16866
%RSD	12.97200	808.8285	.1675146	144.4538	46.65475	.2341703

#1	.1092810	-.003631	11.27726	.0095274	.0068141	72.10385
#2	.1360449	.004775	11.29887	-.003862	.0075752	72.13709
#3	.1096425	.000416	11.26122	.012236	.0026520	71.82976

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.717552	.0117494	.3426577	241.6603	.1766213	.0882845
Stddev	.014814	.0001634	.0007899	.5072	.0004435	.0010832
%RSD	.5451119	1.390560	.2305306	.2098626	.2510965	1.226991

#1	2.717993	.0116972	.3420610	242.1345	.1770707	.0892876
#2	2.702523	.0119325	.3435535	241.1256	.1761840	.0884300
#3	2.732141	.0116184	.3423586	241.7209	.1766092	.0871359

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5931602	177.0825	7.006940	80.70074	.1853689	.0118031
Stddev	.0022718	1.8986	.016604	1.00938	.0005995	.0002173
%RSD	.3829925	1.072147	.2369654	1.250768	.3234280	1.841391

#1	.5943959	176.7204	6.999644	80.73044	.1849079	.0115555
#2	.5945462	179.1361	6.995233	81.69494	.1851521	.0118913
#3	.5905384	175.3911	7.025943	79.67684	.1860467	.0119624

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.685829	.2179704	F 34.88298	9.191825	F 10.33554	.0377019
Stddev	.265226	.0025416	.02552	.052870	.07649	.0026399
%RSD	15.73266	1.166033	.0731670	.5751862	.7400394	7.002044

#1	1.894028	.2153569	34.86317	9.200878	10.25544	.0358846
#2	1.387218	.2204334	34.87398	9.239585	10.40780	.0407300
#3	1.776239	.2181208	34.91178	9.135014	10.34339	.0364910

Sample Name: M4396-14 Acquired: 11/01/2021 13:43:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079075	8.564218	10.38144	.0673959	.9112742	.0555647
Stddev	.0014712	.021610	.08178	.0024991	.0035079	.0004599
%RSD	18.60584	.2523301	.7877440	3.708084	.3849449	.8276271

#1	.0064934	8.541294	10.38096	.0645710	.9101906	.0559212
#2	.0094299	8.584216	10.46346	.0693185	.9151961	.0550457
#3	.0077992	8.567146	10.29991	.0682983	.9084360	.0557273

Elem	Sr4077
Units	ppm
Avg	.1713629
Stddev	.0015591
%RSD	.9098162

#1	.1710793
#2	.1699650
#3	.1730443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.219	32040.24	4671.553	846.4592	1353.503
Stddev	2.624	20.00	37.281	3.1090	6.123
%RSD	.2173678	.0624364	.7980521	.3672996	.4523966

#1	1207.571	32021.90	4686.253	848.0076	1355.488
#2	1204.437	32037.25	4629.162	848.4900	1346.634
#3	1209.650	32061.57	4699.243	842.8800	1358.388

Sample Name: M4396-15 Acquired: 11/01/2021 13:47:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165738	.0038076	5.846497	-.005013	.0034197	60.44979
Stddev	.0076351	.0100610	.001787	.003257	.0011440	.30816
%RSD	6.549585	264.2376	.0305734	64.97338	33.45268	.5097803

#1	.1088365	-.003255	5.848537	-.001313	.0046039	60.45841
#2	.1241024	.015327	5.845745	-.007446	.0033344	60.75355
#3	.1167825	-.000649	5.845208	-.006278	.0023207	60.13741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.627757	.0094420	.4292502	162.4686	.1542427	.0752480
Stddev	.008292	.0002335	.0004621	.2285	.0010734	.0002991
%RSD	.5094122	2.472636	.1076573	.1406325	.6959264	.3975343

#1	1.635117	.0092694	.4296715	162.7185	.1543832	.0754713
#2	1.618773	.0097077	.4287560	162.2704	.1531059	.0753644
#3	1.629380	.0093491	.4293232	162.4170	.1552389	.0749081

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5912410	189.7915	6.848604	57.28588	.1655989	.0143000
Stddev	.0068198	2.2290	.015563	.82202	.0011410	.0006107
%RSD	1.153474	1.174473	.2272379	1.434946	.6889933	4.270857

#1	.5951131	190.0107	6.836857	57.12306	.1652851	.0136646
#2	.5952434	191.9028	6.842701	58.17712	.1646477	.0148826
#3	.5833665	187.4609	6.866255	56.55745	.1668640	.0143526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.484525	.2008745	F 38.70541	7.735150	8.516515	.0114778
Stddev	.353104	.0023961	.26936	.046138	.018503	.0015726
%RSD	23.78564	1.192814	.6959215	.5964756	.2172660	13.70083

#1	1.077566	.2013246	38.90330	7.715734	8.502799	.0131306
#2	1.709685	.2030136	38.81427	7.787823	8.509186	.0113028
#3	1.666326	.1982853	38.39866	7.701892	8.537561	.0100001

Sample Name: M4396-15 Acquired: 11/01/2021 13:47:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081857	6.900144	5.812378	.5148317	1.031507	.0481835
Stddev	.0004411	.020166	.065849	.0030467	.008990	.0012096
%RSD	5.389147	.2922506	1.132910	.5917828	.8714977	2.510327

#1	.0077215	6.881765	5.762748	.5126315	1.033736	.0475316
#2	.0085994	6.896953	5.887080	.5135544	1.039173	.0474398
#3	.0082361	6.921716	5.787305	.5183091	1.021613	.0495792

Elem	Sr4077
Units	ppm
Avg	.1303305
Stddev	.0013051
%RSD	1.001342

#1	.1303738
#2	.1290044
#3	.1316134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.993	31499.94	4599.469	837.4148	1375.603
Stddev	.458	142.37	32.907	4.9430	1.668
%RSD	.0383536	.4519751	.7154577	.5902653	.1212797

#1	1194.517	31362.23	4588.181	831.8890	1373.978
#2	1193.672	31646.56	4573.692	838.9399	1375.518
#3	1193.789	31491.04	4636.535	841.4154	1377.312

Sample Name: M4396-16 Acquired: 11/01/2021 13:51:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463332	-.007872	.3271676	-.002915	.0054202	91.45719	1.292458
Stddev	.0085458	.006610	.0023776	.005242	.0007167	.14679	.002904
%RSD	18.44414	83.96600	.7267120	179.8378	13.22337	.1605011	.2247244

#1	.0390213	-.002371	.3257784	-.004421	.0047880	91.29710	1.289614
#2	.0442506	-.006040	.3258115	-.007238	.0061989	91.48904	1.292341
#3	.0557278	-.015204	.3299129	.002915	.0052738	91.58545	1.295419

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078750	.0385544	84.45694	.1448647	.0719545	.1671318	165.3700
Stddev	.0002917	.0002204	.29737	.0005476	.0003375	.0003863	.3686
%RSD	3.704086	.5717979	.3520936	.3779983	.4690783	.2311245	.2229028

#1	.0075578	.0383536	84.24702	.1442502	.0723039	.1671530	165.3461
#2	.0079357	.0387903	84.32658	.1450430	.0719293	.1675070	165.7501
#3	.0081317	.0385192	84.79723	.1453010	.0716302	.1667353	165.0140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.384932	43.46416	.1658996	.0041586	.6691561	.2247829	3.263919
Stddev	.012376	.20383	.0007216	.0003544	.3245107	.0035968	.008825
%RSD	.2822499	.4689561	.4349737	8.521721	48.49552	1.600108	.2703913

#1	4.374561	43.45972	.1666582	.0037665	.2976358	.2207468	3.267175
#2	4.381602	43.67016	.1658189	.0042536	.8126467	.2259532	3.253928
#3	4.398633	43.26258	.1652217	.0044559	.8971858	.2276488	3.270653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.780435	4.531756	-.016268	.0026344	2.013779	6.524131	.0067923
Stddev	.027663	.026053	.004518	.0004783	.009599	.061904	.0046131
%RSD	.4079853	.5749070	27.77411	18.15438	.4766521	.9488445	67.91695

#1	6.749357	4.544895	-.011130	.0028738	2.004401	6.453122	.0015573
#2	6.802367	4.501750	-.018053	.0029457	2.013353	6.552540	.0102626
#3	6.789580	4.548624	-.019621	.0020837	2.023584	6.566731	.0085570

Sample Name: M4396-16 Acquired: 11/01/2021 13:51:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7207523	.0626626	-.005231
Stddev	.0016040	.0004415	.000356
%RSD	.2225387	.7045862	6.800431

#1	.7189075	.0624198	-.005416
#2	.7215326	.0623958	-.005456
#3	.7218168	.0631722	-.004821

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.859	33318.51	4825.206	892.9264	1394.421
Stddev	2.742	138.62	32.641	5.4686	3.169
%RSD	.2168031	.4160407	.6764779	.6124388	.2272362

#1	1261.725	33275.40	4855.074	889.2686	1397.431
#2	1266.035	33473.56	4830.183	899.2130	1391.114
#3	1266.818	33206.57	4790.363	890.2975	1394.717

Sample Name: M4396-17 Acquired: 11/01/2021 13:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002943	-.002943	.0925027	-.007916	.0024341	110.9982	.7175417
Stddev	.0012983	.004061	.0033100	.007815	.0022393	.1493	.0028643
%RSD	441.1728	137.9676	3.578289	98.72497	91.99799	.1344949	.3991840

#1	.0004265	-.000141	.0961407	-.016697	-.000137	110.8339	.7195577
#2	-.001065	-.007600	.0896689	-.001724	.003484	111.0353	.7142630
#3	.001521	-.001088	.0916986	-.005327	.003955	111.1255	.7188045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071141	.0154212	185.9879	.1809137	.1103214	.0933603	151.8182
Stddev	.0000592	.0000695	.2035	.0010673	.0005303	.0033750	.8686
%RSD	.8319080	.4504810	.1094015	.5899571	.4806889	3.615042	.5721549

#1	.0071335	.0154451	186.1355	.1818896	.1102042	.0909081	150.8378
#2	.0071612	.0153430	185.7558	.1810775	.1109005	.0972095	152.4916
#3	.0070477	.0154756	186.0724	.1797739	.1098594	.0919632	152.1254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.402685	57.88357	.3380578	.0025580	1.725375	.1119808	2.754841
Stddev	.0071111	.16370	.0005588	.0001560	.078894	.0032475	.026339
%RSD	.1615193	.2828036	.1653065	6.096373	4.572554	2.900086	.9560910

#1	4.410614	57.74825	.3379582	.0026215	1.773215	.1119799	2.727774
#2	4.400570	58.06552	.3375556	.0023803	1.768594	.1152288	2.756364
#3	4.396872	57.83695	.3386598	.0026722	1.634315	.1087337	2.780386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81090	7.357228	.0080966	.0007937	1.097669	5.039232	.0065775
Stddev	.08111	.026158	.0040992	.0007921	.007444	.018993	.0027370
%RSD	.5130169	.3555475	50.62857	99.79967	.6781414	.3769044	41.61128

#1	15.84172	7.383180	.0036816	.0016894	1.096339	5.044841	.0072257
#2	15.71889	7.357636	.0117819	.0001856	1.105688	5.018066	.0035746
#3	15.87208	7.330868	.0088263	.0005061	1.090979	5.054789	.0089321

Sample Name: M4396-17 Acquired: 11/01/2021 13:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4323503	.1683223	.5350327
Stddev	.0004480	.0011140	.0010836
%RSD	.1036201	.6618249	.2025339

#1	.4318479	.1675649	.5356826
#2	.4327084	.1678005	.5337818
#3	.4324946	.1696014	.5356338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1220.631	32289.22	4685.515	860.8980	1360.527
Stddev	1.444	33.10	16.967	4.1927	.844
%RSD	.1182707	.1025222	.3621091	.4870204	.0620599

#1	1218.968	32320.18	4704.172	864.6066	1360.577
#2	1221.364	32254.32	4681.367	861.7389	1359.659
#3	1221.561	32293.15	4671.008	856.3486	1361.345

Sample Name: M4396-18 Acquired: 11/01/2021 13:59:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699219	-.004175	2.808082	.0071430	.0062213	108.3177	1.504523
Stddev	.0004295	.006011	.005975	.0042986	.0014374	.1370	.003678
%RSD	.6143129	143.9778	.2127878	60.17902	23.10468	.1264487	.2444627

#1	.0694259	-.000453	2.806455	.0112045	.0046042	108.4623	1.507861
#2	.0701750	-.000962	2.803088	.0026412	.0067060	108.1899	1.505128
#3	.0701648	-.011110	2.814702	.0075832	.0073537	108.3010	1.500580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268014	.1264061	111.2815	.1965675	.0968773	.4762598	278.0761
Stddev	.0001128	.0002143	.0776	.0017109	.0006115	.0022355	.5624
%RSD	.4209283	.1695206	.0697663	.8703766	.6311673	.4693948	.2022382

#1	.0267335	.1261652	111.3280	.1974372	.0969055	.4740635	278.5495
#2	.0269317	.1264780	111.3247	.1945965	.0962523	.4785326	277.4544
#3	.0267391	.1265753	111.1919	.1976687	.0974742	.4761831	278.2244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.586072	27.11618	.2523176	.0081596	5.602456	.3199147	19.43755
Stddev	.005198	.16080	.0009323	.0005188	.056643	.0055126	.00308
%RSD	.0930554	.5929961	.3694758	6.358041	1.011043	1.723135	.0158451

#1	5.582842	27.18061	.2531040	.0081974	5.625719	.3247786	19.43697
#2	5.583306	26.93315	.2525609	.0086584	5.537885	.3210387	19.44087
#3	5.592068	27.23477	.2512878	.0076229	5.643764	.3139267	19.43479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86436	7.227085	.6827873	.0270849	10.43276	8.285695	.1302101
Stddev	.08609	.032122	.0037450	.0006726	.03836	.025704	.0019168
%RSD	.7923691	.4444624	.5484891	2.483331	.3676935	.3102206	1.472086

#1	10.89337	7.214755	.6822508	.0277233	10.41763	8.278308	.1289902
#2	10.93220	7.263545	.6793394	.0263826	10.47638	8.264494	.1292207
#3	10.76752	7.202955	.6867716	.0271488	10.40427	8.314284	.1324194

Sample Name: M4396-18 Acquired: 11/01/2021 13:59:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.632403	.0742562	.0210940
Stddev	.003376	.0019356	.0004675
%RSD	.2068216	2.606620	2.216177

#1	1.636207	.0737445	.0215223
#2	1.629762	.0726279	.0211645
#3	1.631240	.0763963	.0205953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.605	35401.69	5174.353	941.1738	1379.754
Stddev	3.719	17.05	21.217	2.3378	1.654
%RSD	.2772183	.0481684	.4100473	.2483918	.1198646

#1	1345.216	35388.92	5162.321	943.1162	1381.659
#2	1341.813	35421.05	5198.851	941.8262	1378.692
#3	1337.786	35395.08	5161.886	938.5791	1378.910

Sample Name: CCV082 Acquired: 11/01/2021 14:03:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027863	4.902394	25.20121	4.838817	4.928487	407.6747	10.09644
Stddev	.016841	.024513	.07078	.026807	.007891	1.4392	.03481
%RSD	.3349562	.5000250	.2808660	.5539967	.1601067	.3530213	.3447920

#1	5.018920	4.903286	25.22769	4.839017	4.926778	409.2023	10.13373
#2	5.017380	4.877447	25.12101	4.811911	4.937092	406.3442	10.09078
#3	5.047289	4.926449	25.25494	4.865524	4.921590	407.4775	10.06480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4933629	2.443870	401.3197	15.24266	2.475853	15.22789	413.3221
Stddev	.0020891	.004461	1.5708	.02017	.007807	.02973	2.3814
%RSD	.4234360	.1825566	.3914015	.1323025	.3153410	.1952279	.5761580

#1	.4919909	2.443923	403.0290	15.21938	2.474512	15.25939	414.7452
#2	.4923305	2.439383	400.9905	15.25411	2.468804	15.20032	410.5729
#3	.4957671	2.448305	399.9397	15.25450	2.484245	15.22396	414.6482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72974	406.0246	2.440084	1.296390	410.4984	2.479992	15.51234
Stddev	.04434	2.9013	.004439	.003583	2.8235	.029364	.05506
%RSD	.3010518	.7145667	.1819124	.2763608	.6878223	1.184040	.3549580

#1	14.75900	407.9605	2.440535	1.294331	412.8701	2.496898	15.55160
#2	14.75149	402.6888	2.435437	1.300527	407.3752	2.446085	15.44940
#3	14.67872	407.4244	2.444281	1.294311	411.2499	2.496992	15.53603

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7339	5.082436	5.023717	4.974495	5.094828	5.021752	4.895949
Stddev	.5402	.032210	.022701	.005329	.042159	.016992	.015859
%RSD	.3514158	.6337527	.4518721	.1071334	.8274916	.3383656	.3239111

#1	153.9942	5.057327	5.021458	4.977749	5.053755	5.019980	4.890700
#2	153.1128	5.071227	5.002230	4.968345	5.137996	5.005715	4.883381
#3	154.0948	5.118753	5.047462	4.977391	5.092734	5.039560	4.913767

Sample Name: CCV082 Acquired: 11/01/2021 14:03:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.163961	5.162089	4.878523
Stddev	.032756	.023999	.007436
%RSD	.6343190	.4649034	.1524217

#1	5.194023	5.188652	4.884261
#2	5.129051	5.141972	4.870122
#3	5.168808	5.155643	4.881186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	944.7780	26560.77	3932.408	663.7720	1160.004
Stddev	3.8881	141.36	17.159	6.1365	3.171
%RSD	.4115359	.5322105	.4363382	.9244871	.2733343

#1	940.3824	26493.63	3912.623	656.7546	1156.521
#2	946.1841	26465.49	3941.392	668.1311	1162.722
#3	947.7674	26723.19	3943.210	666.4304	1160.769

Sample Name: CCB082 Acquired: 11/01/2021 14:07:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001122	-.003229	-.000425	.0009102	.0038870	-.000507	-.002991
Stddev	.002711	.005022	.001673	.0039028	.0024710	.009012	.000712
%RSD	241.5481	155.5342	393.9664	428.7871	63.57091	1776.904	23.79355

#1	-.004240	-.008266	-.002141	-.000128	.0049284	.009751	-.002319
#2	.000687	-.003197	.001202	.005227	.0056669	-.004122	-.002918
#3	.000185	.001777	-.000336	-.002369	.0010658	-.007150	-.003737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000587	.0000049	.0173946	-.000273	.0005071	-.000414	-.006094
Stddev	.0000924	.0000853	.0098908	.000177	.0003224	.002296	.026801
%RSD	157.6064	1747.613	56.86119	65.06029	63.59019	554.2312	439.7828

#1	.0001501	.0000595	.0273816	-.000160	.0005034	.002225	.009214
#2	.0000606	.0000486	.0171992	-.000477	.0001865	-.001951	.009544
#3	-.000035	-.000093	.0076030	-.000181	.0008313	-.001516	-.037041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007892	-.047117	.0000012	.0005527	-.234315	-.002117	.0058338
Stddev	.0010149	.016478	.0004317	.0006563	.191639	.002378	.0031376
%RSD	128.6005	34.97270	36008.12	118.7464	81.78670	112.3387	53.78412

#1	.0001624	-.063655	-.000095	.0009910	-.237622	-.000351	.0036603
#2	.0019602	-.030700	-.000374	.0008689	-.041044	-.001179	.0044102
#3	.0002451	-.046996	.000473	-.000202	-.424279	-.004821	.0094308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024015	.0037622	.0068392	.0015116	-.000486	.0003361	.0000301
Stddev	.027526	.0056902	.0001667	.0004379	.008425	.0011841	.0031144
%RSD	114.6221	151.2475	2.438141	28.96876	1735.237	352.3457	10356.98

#1	-.055799	.0100103	.0067495	.0012047	-.002948	.0014627	-.001226
#2	-.008111	-.001122	.0070316	.0013170	.008896	-.000898	.003576
#3	-.008134	.002399	.0067364	.0020130	-.007405	.000444	-.002260

Sample Name: CCB082 Acquired: 11/01/2021 14:07:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008103	-.003505	-.000025
Stddev	.0006158	.001055	.000033
%RSD	76.00172	30.08433	130.7228

#1	.0014080	-.004519	-.000014
#2	.0001778	-.003583	-.000063
#3	.0008450	-.002414	.000001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.893	28378.08	4045.400	765.2469	1392.849
Stddev	1.123	146.26	31.642	2.0900	.625
%RSD	.1033737	.5153975	.7821840	.2731145	.0448441

#1	1085.712	28350.30	4070.906	762.9718	1392.621
#2	1087.095	28247.70	4055.303	767.0817	1393.555
#3	1084.872	28536.23	4009.990	765.6873	1392.370

Sample Name: M4396-19 Acquired: 11/01/2021 14:11:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499908	.0000442	2.967501	-.003377	.0037094	99.13683	1.686217
Stddev	.0054956	.0034249	.005429	.004153	.0053458	.11245	.003139
%RSD	10.99324	7741.027	.1829547	122.9527	144.1158	.1134314	.1861758

#1	.0500230	.0008231	2.973487	-.005822	.0033730	99.09468	1.683677
#2	.0554703	.0030126	2.962895	-.005728	.0092154	99.26427	1.685248
#3	.0444792	-.003703	2.966121	.001417	-.001460	99.05155	1.689727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155797	.0547206	118.7566	.1487399	.0696673	.3105490	225.6120
Stddev	.0001644	.0001333	.1287	.0008363	.0002461	.0016653	.4246
%RSD	1.054997	.2436458	.1083432	.5622427	.3532088	.5362338	.1882163

#1	.0155499	.0548745	118.7050	.1483194	.0698710	.3109648	225.6975
#2	.0157570	.0546459	118.9030	.1481972	.0697369	.3087152	225.1511
#3	.0154323	.0546414	118.6617	.1497029	.0693939	.3119669	225.9874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.889947	41.39043	.2429121	.0059473	3.318153	.2711448	12.26085
Stddev	.017521	.15832	.0013203	.0002067	.034865	.0054129	.14695
%RSD	.3583032	.3825138	.5435115	3.476230	1.050738	1.996314	1.198558

#1	4.888085	41.25187	.2421606	.0057404	3.279639	.2652226	12.18882
#2	4.908324	41.35642	.2421393	.0059477	3.327255	.2723754	12.16380
#3	4.873431	41.56299	.2444366	.0061539	3.347564	.2758365	12.42992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.786916	4.667119	.1395955	.0178531	8.427504	7.437463	.2591571
Stddev	.096481	.016594	.0061763	.0008347	.020206	.065378	.0016263
%RSD	1.098007	.3555434	4.424389	4.675594	.2397566	.8790310	.6275273

#1	8.837554	4.685713	.1393207	.0187985	8.408547	7.439042	.2586249
#2	8.847535	4.653815	.1335613	.0172175	8.425205	7.502037	.2609828
#3	8.675658	4.661829	.1459046	.0175434	8.448761	7.371310	.2578636

Sample Name: M4396-19 Acquired: 11/01/2021 14:11:41 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9W5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.146968	.0806007	.0101648
Stddev	.003111	.0017020	.0006234
%RSD	.2712173	2.111699	6.133092

#1	1.146992	.0803490	.0105510
#2	1.143845	.0790386	.0104979
#3	1.150066	.0824146	.0094456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1275.288	33814.66	4841.383	909.0147	1397.392
Stddev	3.703	119.79	13.514	6.2025	1.235
%RSD	.2903750	.3542598	.2791338	.6823312	.0883766

#1	1275.700	33782.17	4837.979	914.4540	1396.654
#2	1278.768	33947.35	4829.897	910.3300	1398.818
#3	1271.396	33714.47	4856.274	902.2600	1396.705

Sample Name: M4396-20 Acquired: 11/01/2021 14:15:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739913	-.003768	1.650499	-.000384	.0047957	85.94469	1.769860
Stddev	.0073934	.004103	.006491	.006920	.0027511	.15495	.005290
%RSD	9.992227	108.9032	.3932779	1804.111	57.36577	.1802936	.2988884

#1	.0808940	-.000235	1.647457	-.007576	.0077967	85.78621	1.764034
#2	.0748906	-.008269	1.646087	.006227	.0023930	85.95199	1.774364
#3	.0661895	-.002800	1.657952	.000199	.0041974	86.09586	1.771180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093191	.0825371	74.42216	.1652731	.0677839	.4668582	181.4343
Stddev	.0000343	.0003106	.08180	.0007715	.0004736	.0022751	.4957
%RSD	.3678763	.3763488	.1099126	.4667803	.6986423	.4873164	.2732181

#1	.0093117	.0826959	74.33910	.1647851	.0676535	.4659505	181.8232
#2	.0093565	.0821792	74.50264	.1648717	.0673892	.4651770	180.8761
#3	.0092891	.0827362	74.42475	.1661625	.0683090	.4694469	181.6035

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.346645	28.58438	.1603129	.0054090	1.113709	.2310346	12.90604
Stddev	.004417	.09085	.0008869	.0007237	.131191	.0087765	.23623
%RSD	.0826199	.3178359	.5532281	13.37979	11.77965	3.798776	1.830407

#1	5.343557	28.63477	.1612049	.0050057	.971649	.2378732	12.63740
#2	5.344672	28.47950	.1603026	.0049769	1.230294	.2340924	13.08139
#3	5.351704	28.63887	.1594312	.0062445	1.139184	.2211383	12.99932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80598	9.134487	.0151368	.0065201	4.029751	11.03009	.0301872
Stddev	.06159	.020802	.0038344	.0006081	.010784	.15280	.0013247
%RSD	.4461450	.2277283	25.33180	9.326747	.2676174	1.385304	4.388408

#1	13.81409	9.144036	.0109478	.0071570	4.041770	11.20648	.0314604
#2	13.74074	9.110625	.0184730	.0059456	4.026566	10.93866	.0288163
#3	13.86313	9.148800	.0159895	.0064575	4.020919	10.94511	.0302849

Sample Name: M4396-20 Acquired: 11/01/2021 14:15:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9438380	.0537833	.0017863
Stddev	.0052487	.0015004	.0004760
%RSD	.5561042	2.789659	26.64628

#1	.9377807	.0544801	.0014118
#2	.9466903	.0520612	.0023220
#3	.9470430	.0548085	.0016252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1250.459	33020.98	4729.352	885.9663	1410.951
Stddev	1.727	220.11	36.900	8.6575	3.733
%RSD	.1381241	.6665862	.7802431	.9771851	.2645382

#1	1248.631	33270.28	4691.755	895.0789	1407.448
#2	1252.064	32939.18	4765.514	884.9700	1414.877
#3	1250.682	32853.48	4730.789	877.8500	1410.528

Sample Name: M4396-21 Acquired: 11/01/2021 14:19:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0823176	.0006183	1.723030	.0110775	.0015206	86.08181	1.788447
Stddev	.0000845	.0055914	.004322	.0036201	.0068721	.11724	.003435
%RSD	.1026143	904.3405	.2508440	32.67977	451.9350	.1361980	.1920859

#1	.0822240	-.005807	1.720268	.0120754	.0088377	86.20981	1.788348
#2	.0823407	.004381	1.720811	.0070631	-.004797	86.05599	1.785063
#3	.0823881	.003281	1.728011	.0140940	.000521	85.97963	1.791931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089745	.0817976	79.32411	.1694674	.0657760	.4682765	175.5241
Stddev	.0000511	.0003370	.15288	.0014439	.0005993	.0010457	1.1935
%RSD	.5697061	.4120169	.1927251	.8520435	.9111625	.2233152	.6799724

#1	.0090068	.0814096	79.15482	.1682666	.0656170	.4680578	176.8922
#2	.0090013	.0820177	79.36543	.1690661	.0652723	.4673575	174.9836
#3	.0089156	.0819655	79.45208	.1710696	.0664388	.4694143	174.6965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.126044	30.54312	.1623145	.0055231	1.422864	.2279015	12.28262
Stddev	.011022	.23514	.0003531	.0003567	.080924	.0015174	.12999
%RSD	.2150098	.7698661	.2175441	6.458211	5.687405	.6658090	1.058326

#1	5.115820	30.81250	.1620761	.0058716	1.329485	.2265469	12.13490
#2	5.124594	30.43791	.1621473	.0055389	1.466562	.2295412	12.37951
#3	5.137719	30.37896	.1627201	.0051587	1.472545	.2276164	12.33346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.04860	9.542635	.0179760	.0058936	3.926896	11.63284	.0295920
Stddev	.07406	.011283	.0049395	.0009573	.018000	.09191	.0020938
%RSD	.5271834	.1182337	27.47846	16.24272	.4583772	.7901061	7.075387

#1	14.13366	9.533670	.0208133	.0050618	3.906157	11.69269	.0318738
#2	13.99838	9.538931	.0208423	.0056792	3.938459	11.52701	.0291431
#3	14.01375	9.555304	.0122723	.0069400	3.936073	11.67882	.0277591

Sample Name: M4396-21 Acquired: 11/01/2021 14:19:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9304239	.0528040	.0110856
Stddev	.0003107	.0009287	.0009977
%RSD	.0333965	1.758837	9.000381

#1	.9302099	.0525773	.0099367
#2	.9307803	.0520097	.0115858
#3	.9302816	.0538252	.0117344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.963	33129.21	4773.630	885.0520	1410.069
Stddev	1.261	204.23	21.897	8.3604	.277
%RSD	.1004975	.6164751	.4587147	.9446227	.0196186

#1	1253.514	33364.15	4748.347	893.9908	1409.917
#2	1255.818	32994.11	4785.983	877.4252	1410.389
#3	1255.555	33029.35	4786.560	883.7400	1409.903

Sample Name: M4396-22 Acquired: 11/01/2021 14:23:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477595	.0954073	2.119696	.1825081	.0524008	95.73986
Stddev	.0094401	.0020709	.009829	.0043263	.0031436	.03938
%RSD	6.388816	2.170552	.4637110	2.370487	5.999130	.0411320

#1	.1574023	.0954756	2.119063	.1782132	.0559026	95.73978
#2	.1385362	.0933031	2.110199	.1868652	.0498221	95.70052
#3	.1473399	.0974432	2.129827	.1824459	.0514778	95.77928

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.741884	.1051612	.1932169	80.84073	.5868322	1.120803
Stddev	.016669	.0005241	.0006147	.15749	.0038063	.000845
%RSD	.2903038	.4983586	.3181247	.1948192	.6486093	.0754267

#1	5.759553	.1053409	.1927744	81.01940	.5875625	1.119830
#2	5.739660	.1055717	.1929574	80.72203	.5827136	1.121224
#3	5.726439	.1045709	.1939187	80.78077	.5902203	1.121355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9352880	177.6959	5.674597	31.89227	1.248873	.0952828
Stddev	.0019252	.9119	.026933	.25017	.001486	.0007318
%RSD	.2058363	.5131863	.4746307	.7844294	.1189767	.7680710

#1	.9349310	177.0809	5.690851	31.78029	1.250019	.0947493
#2	.9335664	177.2631	5.689433	31.71765	1.249404	.0949821
#3	.9373667	178.7436	5.643508	32.17887	1.247194	.0961171

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.380773	1.147586	12.53754	16.12991	F 11.04842	.0212007
Stddev	.379341	.007321	.19927	.06378	.01547	.0026095
%RSD	27.47312	.6379862	1.589352	.3954121	.1400035	12.30841

#1	1.595853	1.149771	12.35558	16.05631	11.03073	.0187089
#2	1.603695	1.139421	12.50655	16.16442	11.05514	.0239138
#3	.942770	1.153567	12.75048	16.16899	11.05939	.0209794

Sample Name: M4396-22 Acquired: 11/01/2021 14:23:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122963	3.779780	12.96990	.0281455	.9501875	.0578246
Stddev	.0008342	.010119	.04421	.0038458	.0097652	.0012729
%RSD	6.784002	.2677060	.3408779	13.66402	1.027718	2.201403
#1	.0132584	3.770609	13.02093	.0325749	.9443612	.0589104
#2	.0118549	3.790635	12.94327	.0256554	.9447399	.0581398
#3	.0117755	3.778096	12.94548	.0262064	.9614613	.0564237

Elem	Sr4077
Units	ppm
Avg	.0229448
Stddev	.0011463
%RSD	4.996052
#1	.0237743
#2	.0234235
#3	.0216368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.870	33072.54	4789.557	876.9837	1393.366
Stddev	3.362	207.62	18.460	5.7499	1.116
%RSD	.2683601	.6277652	.3854192	.6556494	.0800785
#1	1252.089	33202.96	4769.874	880.5317	1393.718
#2	1249.967	33181.55	4806.484	880.0699	1394.264
#3	1256.554	32833.13	4792.314	870.3497	1392.117

Sample Name: M4396-20LX5 Acquired: 11/01/2021 14:27:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9W8L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160059	.0018442	.3267817	.0073273	.0020163	18.57957	.3833508
Stddev	.0041769	.0013734	.0022838	.0097856	.0028634	.04411	.0020369
%RSD	26.09588	74.47312	.6988644	133.5494	142.0134	.2373991	.5313451

#1	.0166272	.0030486	.3294166	.0062518	.0034201	18.57838	.3813879
#2	.0115531	.0003485	.3253718	-.001876	.0039068	18.53607	.3854544
#3	.0198373	.0021355	.3255567	.017606	-.001278	18.62426	.3832102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020887	.0161235	16.46777	.0365231	.0123297	.1030006	39.27123
Stddev	.0002507	.0001252	.05082	.0006319	.0002533	.0013899	.11181
%RSD	12.00107	.7766180	.3086133	1.730039	2.054379	1.349438	.2847057

#1	.0019744	.0160816	16.41879	.0358170	.0120771	.1042967	39.33410
#2	.0019155	.0162643	16.52025	.0367171	.0123283	.1031722	39.33745
#3	.0023761	.0160246	16.46428	.0370352	.0125837	.1015328	39.14214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.149596	6.307871	.0310872	.0014223	.1490143	.0486236	2.788179
Stddev	.008593	.039081	.0007418	.0001727	.0520863	.0044455	.027184
%RSD	.7474825	.6195611	2.386095	12.13932	34.95390	9.142675	.9749764

#1	1.143191	6.300501	.0306379	.0012907	.2086160	.0519997	2.790990
#2	1.146236	6.273000	.0319434	.0013584	.1122346	.0435868	2.813848
#3	1.159361	6.350113	.0306803	.0016178	.1261922	.0502843	2.759699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.811696	1.813858	-.000350	.0013271	.7592823	2.424547	.0058662
Stddev	.037128	.022919	.001346	.0001692	.0096857	.014017	.0022592
%RSD	1.320470	1.263524	384.9455	12.75208	1.275633	.5781445	38.51125

#1	2.781688	1.829151	-.001701	.0011326	.7642042	2.433095	.0082913
#2	2.853216	1.787508	-.000341	.0014405	.7655186	2.408370	.0038212
#3	2.800183	1.824917	.000992	.0014082	.7481240	2.432176	.0054861

Sample Name: M4396-20LX5 Acquired: 11/01/2021 14:27:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2030825	.0078773	.0008064
Stddev	.0011047	.0009300	.0001167
%RSD	.5439561	11.80580	14.46911

#1	.2032333	.0085037	.0006718
#2	.2041040	.0068087	.0008784
#3	.2019102	.0083193	.0008690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1123.073	29405.25	4210.776	786.1351	1410.155
Stddev	3.495	120.70	17.747	7.3203	4.312
%RSD	.3112249	.4104719	.4214628	.9311769	.3057958

#1	1120.727	29477.30	4205.736	785.9848	1405.187
#2	1127.090	29265.90	4196.095	778.8911	1412.340
#3	1121.401	29472.54	4230.498	793.5294	1412.937

Sample Name: PB140333BL Acquired: 11/01/2021 14:31:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS333 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006388	-.000256	-.001264	-.002823	.0013520	-.002152	-.002973
Stddev	.004135	.005081	.000574	.003356	.0036616	.009877	.000457
%RSD	64.72603	1985.278	45.40349	118.8840	270.8176	459.0550	15.35406

#1	-.002889	-.005450	-.001276	-.003464	.0055746	-.008544	-.002453
#2	-.005325	.004704	-.001833	-.005812	-.000945	-.007134	-.003162
#3	-.010951	-.000022	-.000685	.000807	-.000574	.009224	-.003305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	.0001695	.0067050	-.000228	.0005315	.0000376	-.007165
Stddev	.000098	.0001887	.0011231	.000461	.0001516	.0012247	.012253
%RSD	95.04817	111.3356	16.74972	202.1271	28.52619	3258.030	171.0175

#1	-.000089	.0003476	.0076752	-.000716	.0006632	.0013056	-.007423
#2	-.000013	.0001892	.0069650	-.000169	.0003658	-.000054	-.019287
#3	-.000207	-.000028	.0054747	.000201	.0005655	-.001139	.005215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006343	-.044924	-.000200	.0003450	.3398540	.0005608	.0037267
Stddev	.0008738	.037433	.000205	.0003271	.2667643	.0023267	.0019394
%RSD	137.7728	83.32510	102.6975	94.80351	78.49382	414.9184	52.03925

#1	-.000131	-.088125	-.000230	.0002106	.2241885	.0030596	.0018188
#2	.001587	-.024544	-.000388	.0001065	.1504432	-.001543	.0056961
#3	.000447	-.022103	.000019	.0007179	.6449302	.000166	.0036653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065676	.0005610	-.008286	.0006010	-.010137	-.002270	-.003537
Stddev	.013928	.0038138	.001279	.0005688	.005132	.000920	.001249
%RSD	21.20725	679.8394	15.43605	94.64141	50.62443	40.53250	35.31687

#1	-.050905	-.002781	-.006900	.0010918	-.006447	-.003215	-.004954
#2	-.067553	.004716	-.008539	-.000022	-.007967	-.001377	-.002594
#3	-.078570	-.000252	-.009420	.000734	-.015998	-.002219	-.003064

Sample Name: PB140333BL Acquired: 11/01/2021 14:31:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS333 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018036	-.005385	-.000073
Stddev	.0014122	.002937	.000108
%RSD	78.29999	54.53300	146.7814

#1	.0032984	-.008167	-.000198
#2	.0016208	-.002315	-.000021
#3	.0004917	-.005673	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1083.824	28572.46	4030.250	765.8024	1393.134
Stddev	1.133	147.98	16.250	9.9826	4.108
%RSD	.1045203	.5178947	.4031960	1.303554	.2948661

#1	1082.629	28458.22	4011.492	756.4510	1388.992
#2	1084.882	28519.55	4039.232	764.6414	1397.207
#3	1083.962	28739.62	4040.026	776.3147	1393.202

Sample Name: PB140333BS Acquired: 11/01/2021 14:35:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS333 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229203	.0521357	.0177809	.0728785	.1272212	F .6486164
Stddev	.0024858	.0017461	.0045220	.0047050	.0006129	.0073392
%RSD	10.84523	3.349058	25.43162	6.455947	.4817785	1.131509

#1	.0205750	.0515913	.0214691	.0746563	.1271039	.6405539
#2	.0255260	.0507267	.0127358	.0764356	.1278843	.6503872
#3	.0226600	.0540891	.0191376	.0675437	.1266754	.6549082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3836791	.0111722	.0104202	10.43821	.0218681	.0997934
Stddev	.0009874	.0001496	.0003195	.03581	.0004722	.0018665
%RSD	.2573528	1.339122	3.066017	.3430438	2.159309	1.870386

#1	.3838854	.0110048	.0104784	10.46506	.0223150	.1005492
#2	.3845470	.0112187	.0107066	10.39756	.0213741	.1011635
#3	.3826048	.0112930	.0100756	10.45202	.0219151	.0976675

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534883	.2279316	.0318785	10.20658	.0793004	.0207002
Stddev	.0017963	.0135166	.0003509	.09322	.0008039	.0001213
%RSD	3.358399	5.930113	1.100687	.9133725	1.013773	.5861621

#1	.0531870	.2251299	.0322831	10.10753	.0797807	.0207994
#2	.0518617	.2426295	.0316593	10.21958	.0797482	.0207363
#3	.0554163	.2160354	.0316929	10.29261	.0783723	.0205649

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25386	.1052492	.1226754	10.06824	.0206914	F .2066835
Stddev	.16678	.0057273	.0046023	.05641	.0033563	.0025197
%RSD	1.626511	5.441694	3.751590	.5602605	16.22079	1.219125

#1	10.25003	.1060931	.1278542	10.01907	.0202531	.2090819
#2	10.08903	.0991467	.1211186	10.12982	.0242453	.2069109
#3	10.42253	.1105077	.1190534	10.05582	.0175757	.2040578

Sample Name: PB140333BS Acquired: 11/01/2021 14:35:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS333 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222027	.1717398	.2073502	F .0092725	.2193180	.0265996
Stddev	.0006343	.0024135	.0012884	.0012548	.0012351	.0015619
%RSD	2.856899	1.405318	.6213656	13.53236	.5631511	5.871769

#1	.0226188	.1695938	.2077301	.0079428	.2202127	.0248967
#2	.0214726	.1743526	.2059146	.0094391	.2179088	.0279653
#3	.0225166	.1712730	.2084060	.0104358	.2198325	.0269369

Elem	Sr4077
Units	ppm
Avg	.2231649
Stddev	.0002927
%RSD	.1311599

#1	.2233757
#2	.2228307
#3	.2232884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.749	28910.96	4064.364	776.3240	1428.878
Stddev	7.709	72.64	3.681	5.9259	10.044
%RSD	.7003706	.2512627	.0905766	.7633262	.7029132

#1	1093.588	28848.18	4063.399	772.2189	1420.808
#2	1099.750	28990.53	4068.432	773.6355	1425.701
#3	1108.909	28894.17	4061.262	783.1175	1440.127

Sample Name: M4397-01 Acquired: 11/01/2021 14:40:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888074	-.005323	3.407659	.0005489	.0040725	83.00090
Stddev	.0096254	.003046	.008500	.0075251	.0021566	.18751
%RSD	10.83856	57.22790	.2494378	1370.847	52.95383	.2259136

#1	.0852197	-.002599	3.416151	-.007687	.0063064	83.10507
#2	.0814911	-.008612	3.399151	.002268	.0020026	83.11319
#3	.0997114	-.004757	3.407676	.007066	.0039087	82.78443

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.741382	.0220704	.1358208	130.6472	.1339048	.1470629
Stddev	.000516	.0001636	.0002926	.2865	.0007410	.0006499
%RSD	.0296370	.7412741	.2154397	.2193270	.5533660	.4419423

#1	1.741754	.0221743	.1358870	130.8896	.1335663	.1464312
#2	1.740793	.0218818	.1355007	130.7211	.1347546	.1477296
#3	1.741600	.0221551	.1360746	130.3309	.1333936	.1470278

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8012831	251.3065	10.69418	41.67788	.2668319	.0086706
Stddev	.0027676	2.2324	.00319	.34764	.0013369	.0004056
%RSD	.3453985	.8883010	.0298226	.8341233	.5010394	4.678127

#1	.8038708	253.6974	10.69310	42.03914	.2674557	.0091148
#2	.8016132	250.9456	10.69777	41.64882	.2652971	.0083198
#3	.7983652	249.2767	10.69167	41.34567	.2677429	.0085773

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.855085	.3398256	F 40.04245	7.768397	4.810602	.3942462
Stddev	.062071	.0023837	.08289	.031031	.017191	.0025637
%RSD	1.610099	.7014567	.2070134	.3994490	.3573649	.6502688

#1	3.817659	.3403672	40.13794	7.802540	4.790784	.3971853
#2	3.926735	.3372177	40.00038	7.741913	4.821495	.3930825
#3	3.820863	.3418919	39.98901	7.760738	4.819528	.3924708

Sample Name: M4397-01 Acquired: 11/01/2021 14:40:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339682	12.26848	15.48518	.0591896	1.450826	.0606970
Stddev	.0010664	.01240	.17057	.0021539	.002469	.0016571
%RSD	3.139362	.1011002	1.101477	3.639000	.1701651	2.730039
#1	.0329979	12.25449	15.61663	.0610070	1.451969	.0624973
#2	.0337968	12.27813	15.54647	.0597514	1.452517	.0592356
#3	.0351099	12.27283	15.29243	.0568105	1.447993	.0603579

Elem	Sr4077
Units	ppm
Avg	-.010746
Stddev	.001971
%RSD	18.33973
#1	-.012906
#2	-.010287
#3	-.009045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.227	34265.52	4884.049	913.1994	1376.468
Stddev	3.760	98.25	38.501	5.8467	2.745
%RSD	.2932724	.2867320	.7882972	.6402412	.1994452
#1	1281.714	34264.85	4865.966	918.1211	1377.523
#2	1278.749	34167.61	4857.918	906.7365	1373.352
#3	1286.218	34364.10	4928.262	914.7405	1378.529

Sample Name: M4397-02 Acquired: 11/01/2021 14:44:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0379935	-.004509	.5061537	.0050097	.0029572	98.62251	1.707212
Stddev	.0079816	.005377	.0060936	.0060873	.0035190	.16333	.004012
%RSD	21.00767	119.2351	1.203913	121.5091	118.9983	.1656124	.2349854

#1	.0463529	.001673	.5033734	-.001336	.0015504	98.60317	1.704379
#2	.0371747	-.007105	.5019461	.010801	.0003592	98.46970	1.705456
#3	.0304529	-.008097	.5131416	.005564	.0069619	98.79465	1.711803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106462	.0263013	59.90494	.1384215	.0901175	.2001930	174.2275
Stddev	.0001264	.0002247	.14932	.0004252	.0001981	.0020088	.3856
%RSD	1.187219	.8544909	.2492583	.3071777	.2197890	1.003440	.2213124

#1	.0107701	.0264182	59.75384	.1387515	.0900507	.2018775	174.5828
#2	.0106510	.0264436	59.90857	.1385714	.0903403	.1979698	173.8175
#3	.0105175	.0260422	60.05241	.1379417	.0899614	.2007317	174.2821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.281277	17.57368	.1271603	.0042087	3.550976	.2691193	7.832972
Stddev	.011499	.08817	.0005481	.0002426	.454456	.0036657	.067840
%RSD	.1830603	.5017432	.4310158	5.763466	12.79806	1.362116	.8660779

#1	6.268288	17.66371	.1271136	.0040195	3.189160	.2730766	7.760618
#2	6.285390	17.48749	.1277303	.0041245	4.061045	.2684415	7.895147
#3	6.290154	17.56983	.1266371	.0044822	3.402723	.2658398	7.843151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.540610	3.509698	.1313282	.0101844	2.953194	16.31519	.0091217
Stddev	.048327	.014537	.0009357	.0007037	.004680	.01980	.0036467
%RSD	.7388825	.4142080	.7124814	6.909114	.1584781	.1213302	39.97840

#1	6.502237	3.525343	.1311282	.0099695	2.956296	16.32019	.0082582
#2	6.524709	3.507146	.1323477	.0109705	2.947811	16.29337	.0059843
#3	6.594885	3.496606	.1305087	.0096133	2.955476	16.33200	.0131228

Sample Name: M4397-02 Acquired: 11/01/2021 14:44:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9W7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.043180	.0665603	-.011220
Stddev	.002921	.0005640	.000175
%RSD	.2800282	.8474262	1.559783

#1	1.039822	.0659522	-.011412
#2	1.045141	.0670663	-.011070
#3	1.044576	.0666623	-.011177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.055	32645.70	4704.201	873.1436	1403.822
Stddev	.889	102.00	5.157	4.6627	1.573
%RSD	.0716056	.3124460	.1096152	.5340137	.1120273

#1	1241.616	32757.34	4704.175	878.2591	1404.566
#2	1241.470	32622.39	4709.371	869.1317	1404.885
#3	1243.078	32557.37	4699.058	872.0400	1402.016

Sample Name: M4397-03 Acquired: 11/01/2021 14:48:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602573	-.006453	1.563475	.0019612	.0055575	77.46078	2.097180
Stddev	.0087625	.004505	.005115	.0066459	.0025530	.17125	.005920
%RSD	14.54186	69.80431	.3271311	338.8646	45.93824	.2210790	.2822931

#1	.0529439	-.011439	1.566827	-.005320	.0026673	77.64370	2.103521
#2	.0578585	-.005246	1.557588	.007702	.0075057	77.43435	2.096224
#3	.0699694	-.002676	1.566011	.003502	.0064995	77.30428	2.091797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074055	.0682836	86.88033	.1377856	.0887267	.5748449	148.9508
Stddev	.0000819	.0000992	.18628	.0005887	.0006036	.0023251	.2552
%RSD	1.106533	.1453292	.2144069	.4272730	.6802643	.4044827	.1713262

#1	.0073208	.0681733	86.95059	.1384606	.0889490	.5763264	149.2303
#2	.0074113	.0683657	86.66913	.1375177	.0880435	.5721650	148.8919
#3	.0074844	.0683119	87.02125	.1373785	.0891876	.5760432	148.7302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27820	39.43102	.1486428	.0033473	.5307645	.2496166	9.081229
Stddev	.02480	.07381	.0002940	.0005271	.4343361	.0021575	.034884
%RSD	.2412680	.1871904	.1977811	15.74795	81.83217	.8643361	.3841367

#1	10.28629	39.36662	.1486544	.0038643	.7992591	.2520930	9.110946
#2	10.25037	39.51157	.1489309	.0028106	.0296646	.2481429	9.089920
#3	10.29795	39.41486	.1483432	.0033669	.7633699	.2486138	9.042820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.82558	8.542085	.0090591	.0072262	3.556790	15.17030	.0165211
Stddev	.15291	.012948	.0074883	.0005234	.012328	.21183	.0059869
%RSD	1.293028	.1515742	82.66087	7.242750	.3465936	1.396323	36.23808

#1	11.98499	8.529253	.0140842	.0072164	3.547837	15.04759	.0213747
#2	11.81162	8.555145	.0126404	.0077544	3.551683	15.04841	.0098311
#3	11.68013	8.541857	.0004526	.0067078	3.570851	15.41490	.0183576

Sample Name: M4397-03 Acquired: 11/01/2021 14:48:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8634281	.0436070	.0156932
Stddev	.0017744	.0020224	.0005042
%RSD	.2055049	4.637778	3.212652

#1	.8651592	.0441890	.0157956
#2	.8635116	.0413575	.0151456
#3	.8616133	.0452747	.0161382

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.828	32162.71	4620.490	859.6021	1394.577
Stddev	2.711	70.85	25.588	4.2785	1.874
%RSD	.2215303	.2202868	.5537887	.4977331	.1343525

#1	1220.845	32153.45	4623.965	856.2463	1396.360
#2	1224.497	32237.73	4644.163	864.4200	1394.746
#3	1226.142	32096.94	4593.342	858.1400	1392.624

Sample Name: M4397-04 Acquired: 11/01/2021 14:52:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660968	-.003207	1.645092	-.000631	.0061317	110.5142	1.405098
Stddev	.0033192	.003543	.007668	.007766	.0022750	.4705	.002333
%RSD	5.021707	110.4487	.4660993	1231.719	37.10176	.4257609	.1660163

#1	.0646609	-.004250	1.653944	-.005298	.0068823	109.9831	1.404970
#2	.0698922	.000739	1.640508	-.004928	.0079366	110.8789	1.402831
#3	.0637374	-.006112	1.640825	.008335	.0035763	110.6807	1.407491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088038	.0644948	50.08161	.1639098	.0724460	.2540609	193.1368
Stddev	.0001647	.0002397	.10146	.0005785	.0010628	.0011413	2.0468
%RSD	1.870536	.3716751	.2025803	.3529520	1.467068	.4492349	1.059753

#1	.0086539	.0647703	50.14433	.1644833	.0732455	.2528369	191.0075
#2	.0089801	.0643334	49.96456	.1639198	.0728525	.2550959	195.0896
#3	.0087775	.0643808	50.13593	.1633264	.0712399	.2542500	193.3133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.125718	30.58546	.1800676	.0055260	.8780372	.2797333	9.425570
Stddev	.014685	.32434	.0011748	.0003050	.1335889	.0045673	.065847
%RSD	.3559349	1.060451	.6524420	5.520035	15.21449	1.632728	.6986000

#1	4.121245	30.32692	.1814003	.0053878	.9494963	.2744974	9.391504
#2	4.113789	30.94939	.1791818	.0058757	.7239176	.2828978	9.501471
#3	4.142119	30.48006	.1796206	.0053145	.9606977	.2818048	9.383735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.64813	6.129090	-.013025	.0039369	1.970307	12.23266	.0183630
Stddev	.11724	.026108	.005986	.0011015	.007709	.03427	.0032597
%RSD	.5677796	.4259674	45.95370	27.97830	.3912742	.2801642	17.75154

#1	20.51439	6.155352	-.019610	.0033493	1.962373	12.21077	.0167474
#2	20.69683	6.103139	-.007915	.0052076	1.970778	12.21507	.0162267
#3	20.73317	6.128777	-.011551	.0032538	1.977770	12.27216	.0221150

Sample Name: M4397-04 Acquired: 11/01/2021 14:52:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7868351	.0624089	-.066589
Stddev	.0050412	.0013593	.001627
%RSD	.6406940	2.178016	2.442662

#1	.7821857	.0612218	-.065106
#2	.7921931	.0638917	-.068328
#3	.7861265	.0621133	-.066333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.809	32819.05	4715.122	881.6054	1399.033
Stddev	1.427	164.42	13.023	2.8074	2.696
%RSD	.1145125	.5009953	.2762069	.3184382	.1927224

#1	1246.099	32629.53	4725.351	879.8063	1400.674
#2	1247.068	32904.11	4719.554	884.8403	1400.505
#3	1244.259	32923.52	4700.461	880.1697	1395.921

Sample Name: M4397-05 Acquired: 11/01/2021 14:56:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1669417	-.009993	2.950018	-.000359	.0037297	88.54440	2.894383
Stddev	.0038164	.008118	.003131	.003528	.0038405	.15107	.010816
%RSD	2.286072	81.23963	.1061343	981.9926	102.9720	.1706199	.3736838

#1	.1630384	-.014265	2.952745	.001610	.0029647	88.67072	2.904692
#2	.1671219	-.015084	2.946599	-.004432	.0003292	88.58543	2.895335
#3	.1706648	-.000631	2.950710	.001744	.0078951	88.37705	2.883123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087756	.1337164	67.22781	.1657369	.1475498	.3652122	162.2276
Stddev	.0002033	.0007613	.29486	.0006474	.0007569	.0050983	.3552
%RSD	2.316205	.5693170	.4385941	.3906378	.5129560	1.395981	.2189317

#1	.0090089	.1345605	67.52710	.1650801	.1474826	.3598918	161.8481
#2	.0086371	.1335070	67.21872	.1657561	.1483381	.3700547	162.2829
#3	.0086808	.1330818	66.93760	.1663745	.1468288	.3656901	162.5519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62975	20.03442	.1744282	.0044452	.8096488	.2725363	13.83282
Stddev	.02762	.15436	.0007215	.0003375	.1297119	.0033805	.08290
%RSD	.2598594	.7704634	.4136446	7.592375	16.02077	1.240375	.5992981

#1	10.64000	19.85857	.1748870	.0041730	.7285446	.2686375	13.88623
#2	10.65078	20.09715	.1735965	.0048228	.9592503	.2743210	13.73732
#3	10.59846	20.14753	.1748009	.0043399	.7411516	.2746504	13.87491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.76507	8.996772	.0142584	.0043334	2.930916	11.10970	.0687498
Stddev	.08851	.021331	.0018572	.0003164	.004361	.02366	.0020951
%RSD	.6429976	.2370958	13.02565	7.301805	.1487939	.2129473	3.047394

#1	13.84079	8.983712	.0127428	.0046572	2.935726	11.13594	.0711306
#2	13.78664	9.021387	.0163302	.0040249	2.927218	11.09000	.0679315
#3	13.66777	8.985216	.0137021	.0043180	2.929805	11.10316	.0671874

Sample Name: M4397-05 Acquired: 11/01/2021 14:56:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8801297	.0471847	.0583346
Stddev	.0039849	.0010938	.0006898
%RSD	.4527593	2.318070	1.182495

#1	.8846886	.0476984	.0587165
#2	.8783900	.0459287	.0587490
#3	.8773105	.0479271	.0575383

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.341	32901.36	4697.869	880.0048	1407.414
Stddev	3.076	93.68	8.454	.6220	3.911
%RSD	.2458336	.2847447	.1799581	.0706803	.2778937

#1	1247.878	32874.79	4694.945	880.7033	1403.226
#2	1252.389	32823.83	4691.265	879.8000	1408.046
#3	1253.757	33005.46	4707.397	879.5110	1410.971

Sample Name: M4397-06 Acquired: 11/01/2021 15:00:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475108	-.002908	.2572936	.0080031	.0038709	125.6745	1.312808
Stddev	.0101026	.008370	.0028034	.0038194	.0023310	.5102	.006355
%RSD	21.26377	287.8407	1.089582	47.72407	60.21768	.4059974	.4840601

#1	.0527034	.002035	.2541122	.0042721	.0034367	125.9906	1.320146
#2	.0539611	-.012571	.2594021	.0078319	.0017875	125.9470	1.309200
#3	.0358680	.001813	.2583664	.0119052	.0063884	125.0859	1.309079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083537	.0131109	31.26895	.1579508	.0661708	.1303580	179.6587
Stddev	.0000973	.0002759	.12589	.0008310	.0004022	.0004130	1.9862
%RSD	1.165378	2.103947	.4026165	.5260814	.6078130	.3168362	1.105548

#1	.0083485	.0133509	31.40440	.1581186	.0657208	.1301552	179.7495
#2	.0082591	.0128095	31.15553	.1570488	.0664952	.1308333	181.5979
#3	.0084535	.0131722	31.24692	.1586851	.0662965	.1300856	177.6286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.084217	22.49149	.1158521	.0043680	.8979448	.2719508	1.819548
Stddev	.010228	.17979	.0008597	.0001106	.0859759	.0036587	.019456
%RSD	.2504325	.7993813	.7420781	2.532155	9.574740	1.345348	1.069258

#1	4.091788	22.47142	.1156443	.0042771	.9917456	.2737312	1.832810
#2	4.072581	22.68048	.1151153	.0044911	.8792032	.2743786	1.828622
#3	4.088280	22.32258	.1167967	.0043357	.8228857	.2677427	1.797213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.65580	3.646390	-.007697	.0071404	1.471333	17.67382	.0053818
Stddev	.06937	.012649	.003040	.0012317	.013865	.05502	.0047024
%RSD	.4431014	.3468820	39.49944	17.24999	.9423763	.3113032	87.37640

#1	15.62719	3.659478	-.007339	.0058839	1.473762	17.63505	.0027879
#2	15.73490	3.645461	-.004852	.0071916	1.456413	17.73679	.0025476
#3	15.60531	3.634231	-.010901	.0083458	1.483823	17.64962	.0108099

Sample Name: M4397-06 Acquired: 11/01/2021 15:00:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9236145	.0570515	-.072212
Stddev	.0033739	.0002271	.001562
%RSD	.3652917	.3980644	2.162771

#1	.9263940	.0571030	-.072223
#2	.9245890	.0568031	-.073769
#3	.9198607	.0572485	-.070645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.794	33053.16	4720.830	889.5764	1410.164
Stddev	1.810	64.12	18.744	5.5511	1.448
%RSD	.1437622	.1939773	.3970458	.6240214	.1026828

#1	1258.512	33077.21	4726.682	883.4997	1409.056
#2	1260.729	33101.78	4699.858	894.3812	1411.802
#3	1257.142	32980.50	4735.949	890.8483	1409.633

Sample Name: M4397-07 Acquired: 11/01/2021 15:04:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542216	-.006279	1.410530	.0031859	.0043110	86.66343	1.810089
Stddev	.0027767	.002636	.002548	.0036287	.0011133	.20912	.006480
%RSD	5.121093	41.97765	.1806090	113.9009	25.82393	.2412998	.3579741

#1	.0538379	-.004666	1.407611	-.000317	.0031450	86.56522	1.817524
#2	.0571703	-.009321	1.411674	.006929	.0053627	86.52150	1.805646
#3	.0516567	-.004851	1.412305	.002946	.0044251	86.90358	1.807097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089236	.0815277	60.07454	.1498240	.0824898	.2938449	166.3685
Stddev	.0001573	.0003587	.15075	.0012352	.0004955	.0015278	1.2796
%RSD	1.762222	.4399232	.2509367	.8244318	.6007470	.5199403	.7691326

#1	.0089689	.0815349	60.24823	.1488064	.0821710	.2924852	165.2632
#2	.0087487	.0811654	59.99772	.1494674	.0822376	.2935515	166.0721
#3	.0090533	.0818827	59.97768	.1511983	.0830607	.2954982	167.7703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.072448	27.88020	.1629470	.0055099	4.037865	.2451619	8.942651
Stddev	.015100	.27288	.0005909	.0003692	.058929	.0012756	.035914
%RSD	.2486652	.9787514	.3626096	6.700184	1.459403	.5203210	.4016022

#1	6.088055	27.61432	.1625075	.0052612	4.077668	.2453789	8.918814
#2	6.057912	27.86672	.1627149	.0053345	3.970168	.2437918	8.925182
#3	6.071377	28.15957	.1636187	.0059341	4.065759	.2463152	8.983958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.596497	6.891850	.0194698	.0070458	3.993665	16.19922	.0158288
Stddev	.106830	.028926	.0027280	.0009559	.011819	.08415	.0036311
%RSD	1.242721	.4197112	14.01145	13.56720	.2959438	.5194792	22.93990

#1	8.491123	6.859063	.0212020	.0066359	4.004087	16.10235	.0137656
#2	8.593643	6.913765	.0163252	.0081383	3.996084	16.24108	.0136994
#3	8.704726	6.902722	.0208821	.0063632	3.980824	16.25423	.0200215

Sample Name: M4397-07 Acquired: 11/01/2021 15:04:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.335255	.0566948	.1600606
Stddev	.011737	.0005359	.0010831
%RSD	.8789954	.9453187	.6766955

#1	1.324940	.0571795	.1613111
#2	1.332800	.0567858	.1594182
#3	1.348025	.0561192	.1594524

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.527	32914.03	4697.435	884.7957	1411.320
Stddev	.882	156.17	19.916	2.3447	3.590
%RSD	.0703918	.4744922	.4239759	.2649992	.2543932

#1	1252.167	32745.05	4718.100	884.9671	1410.915
#2	1253.532	32943.98	4678.364	882.3700	1415.095
#3	1251.882	33053.06	4695.840	887.0500	1407.949

Sample Name: M4397-08 Acquired: 11/01/2021 15:08:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510334	-.000002	.5575076	.0064857	.0035877	96.53950	1.797606
Stddev	.0064557	.007524	.0032962	.0016702	.0020428	.28827	.000422
%RSD	12.64990	418224.8	.5912346	25.75138	56.93875	.2985981	.0234724

#1	.0539729	.003494	.5554655	.0046815	.0027838	96.20664	1.797122
#2	.0436311	.005138	.5613102	.0067980	.0059101	96.70498	1.797799
#3	.0554962	-.008638	.5557471	.0079777	.0020691	96.70686	1.797896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086583	.0373846	40.32426	.1500688	.0671625	.2069447	188.2251
Stddev	.0002301	.0003435	.14980	.0009082	.0003043	.0015655	.3244
%RSD	2.657036	.9188576	.3714805	.6051557	.4530959	.7564957	.1723221

#1	.0084629	.0370348	40.34185	.1493769	.0668833	.2073883	187.8548
#2	.0086001	.0373974	40.16644	.1510971	.0671172	.2082406	188.3616
#3	.0089118	.0377215	40.46449	.1497323	.0674869	.2052052	188.4589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.437368	21.84370	.1528677	.0052734	1.702252	.2705511	4.518444
Stddev	.021110	.08491	.0008547	.0001960	.481919	.0030518	.022350
%RSD	.4757356	.3886976	.5591332	3.716848	28.31067	1.127987	.4946353

#1	4.430183	21.74730	.1522607	.0053736	2.256528	.2678499	4.540930
#2	4.420789	21.90735	.1538451	.0050476	1.382343	.2738615	4.496233
#3	4.461133	21.87646	.1524971	.0053990	1.467885	.2699419	4.518168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.483532	4.703941	-.000580	.0066375	2.586819	12.23321	.0130044
Stddev	.089584	.017822	.001362	.0010058	.021298	.02185	.0022842
%RSD	1.381710	.3788648	234.6320	15.15283	.8233300	.1786353	17.56474

#1	6.549847	4.683518	-.000720	.0060284	2.563029	12.20799	.0149192
#2	6.381622	4.711967	-.001868	.0060858	2.593316	12.24665	.0104761
#3	6.519128	4.716339	.000846	.0077984	2.604111	12.24498	.0136180

Sample Name: M4397-08 Acquired: 11/01/2021 15:08:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.058407	.0631664	-.062335
Stddev	.003632	.0022646	.000093
%RSD	.3431424	3.585097	.1500001

#1	1.056990	.0652642	-.062305
#2	1.055698	.0607655	-.062440
#3	1.062534	.0634694	-.062260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.781	32866.31	4697.858	881.7787	1406.640
Stddev	4.609	61.17	16.107	4.2562	5.588
%RSD	.3675780	.1861026	.3428688	.4826859	.3972727

#1	1251.405	32850.64	4708.948	879.5477	1412.779
#2	1250.845	32933.78	4705.243	886.6866	1401.851
#3	1259.093	32814.50	4679.382	879.1018	1405.289

Sample Name: M4397-09 Acquired: 11/01/2021 15:12:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0475209	-.006802	.5569960	-.005222	.0063611	90.22006	1.693668
Stddev	.0040420	.004819	.0023989	.005236	.0015124	.16223	.001721
%RSD	8.505769	70.83840	.4306779	100.2790	23.77614	.1798212	.1016153

#1	.0493321	-.010764	.5542847	-.010234	.0079846	90.26634	1.693149
#2	.0503405	-.008204	.5578606	-.005644	.0061065	90.35412	1.692266
#3	.0428900	-.001438	.5588428	.000213	.0049921	90.03971	1.695588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079620	.0414737	42.32509	.1393566	.0671753	.1710268	163.6091
Stddev	.0001585	.0002283	.17288	.0014265	.0006639	.0047009	.6354
%RSD	1.990101	.5503949	.4084516	1.023609	.9883712	2.748631	.3883809

#1	.0078759	.0412545	42.45123	.1379122	.0678504	.1763414	164.0094
#2	.0081449	.0414567	42.12803	.1393930	.0671524	.1693259	163.9414
#3	.0078652	.0417101	42.39602	.1407644	.0665231	.1674131	162.8764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.532950	20.50253	.1349186	.0037034	.4580893	.2384252	5.008406
Stddev	.010871	.10080	.0004645	.0004023	.1655812	.0041239	.030776
%RSD	.2398316	.4916266	.3442500	10.86237	36.14604	1.729652	.6144774

#1	4.542350	20.51652	.1344423	.0032390	.4284280	.2430646	5.008567
#2	4.521044	20.59560	.1353703	.0039257	.3093435	.2351761	4.977550
#3	4.535456	20.39547	.1349432	.0039454	.6364965	.2370350	5.039101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.501410	3.960508	.0001796	.0059517	2.229920	12.06278	.0074032
Stddev	.063827	.012809	.0037613	.0007018	.005862	.05271	.0012129
%RSD	1.160190	.3234073	2094.386	11.79226	.2629004	.4369570	16.38316

#1	5.511586	3.950752	.0039610	.0062511	2.229108	12.07240	.0065765
#2	5.433107	3.955759	-.003561	.0064542	2.236146	12.11001	.0068376
#3	5.559538	3.975012	.000139	.0051498	2.224505	12.00592	.0087956

Sample Name: M4397-09 Acquired: 11/01/2021 15:12:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.044153	.0506394	-.026321
Stddev	.001207	.0018298	.000446
%RSD	.1155656	3.613315	1.693393

#1	1.045344	.0519117	-.026538
#2	1.044183	.0485424	-.026617
#3	1.042932	.0514641	-.025808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1243.320	32634.13	4647.886	878.7229	1415.491
Stddev	1.709	183.85	15.379	3.1952	2.785
%RSD	.1374222	.5633549	.3308821	.3636144	.1967825

#1	1245.040	32468.41	4630.553	879.2688	1418.665
#2	1241.623	32602.09	4653.205	881.6100	1413.455
#3	1243.295	32831.89	4659.899	875.2900	1414.353

Sample Name: M4397-10 Acquired: 11/01/2021 15:16:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366273	-.007563	.2580651	-.003379	.0057489	94.34357	1.683311
Stddev	.0127688	.003821	.0002905	.007543	.0001296	.28870	.003562
%RSD	34.86136	50.52132	.1125562	223.2256	2.253633	.3060047	.2116230

#1	.0258386	-.008141	.2579949	.005006	.0058806	94.12819	1.679857
#2	.0507248	-.011062	.2578163	-.009611	.0057445	94.67161	1.686972
#3	.0333185	-.003486	.2583843	-.005532	.0056216	94.23090	1.683105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063751	.0139410	33.63178	.1360808	.0790126	.1081440	151.2760
Stddev	.0000685	.0001765	.06645	.0005536	.0014514	.0006847	.6477
%RSD	1.074004	1.266365	.1975927	.4068366	1.836909	.6331775	.4281511

#1	.0062966	.0139396	33.55535	.1356316	.0788714	.1075392	151.4361
#2	.0064061	.0137651	33.67591	.1366993	.0776371	.1088875	151.8286
#3	.0064226	.0141182	33.66408	.1359116	.0805295	.1080055	150.5632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.805083	17.88881	.1149644	.0031501	.4841641	.2446603	2.143720
Stddev	.018112	.09523	.0011881	.0002354	.5256607	.0020152	.015298
%RSD	.3769442	.5323363	1.033429	7.473266	108.5708	.8236546	.7136170

#1	4.784867	17.85127	.1136027	.0029217	.1779013	.2443842	2.146155
#2	4.810551	17.99709	.1155008	.0033919	1.091136	.2467992	2.157655
#3	4.819832	17.81807	.1157897	.0031368	.183455	.2427973	2.127351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.257757	2.992063	-.000083	.0032434	1.291248	14.43594	.0079329
Stddev	.044839	.006239	.003245	.0005623	.010618	.04089	.0030614
%RSD	.8528142	.2085222	3910.837	17.33529	.8223268	.2832173	38.59082

#1	5.244760	2.985192	.003660	.0036728	1.281741	14.39055	.0112526
#2	5.307659	2.997373	-.002098	.0026070	1.302706	14.46987	.0073247
#3	5.220853	2.993625	-.001811	.0034503	1.289296	14.44740	.0052213

Sample Name: M4397-10 Acquired: 11/01/2021 15:16:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.293710	.0495665	-.029042
Stddev	.006226	.0020718	.000602
%RSD	.4812239	4.179789	2.073373

#1	1.291227	.0491324	-.029498
#2	1.300794	.0477462	-.029268
#3	1.289110	.0518209	-.028359

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.169	32441.98	4632.770	867.1126	1423.681
Stddev	3.182	196.34	18.242	8.0355	4.091
%RSD	.2573857	.6051987	.3937670	.9266919	.2873712

#1	1239.075	32646.28	4652.191	873.0984	1425.335
#2	1232.769	32254.71	4615.995	857.9800	1419.022
#3	1236.662	32424.94	4630.123	870.2595	1426.686

Sample Name: M4397-11 Acquired: 11/01/2021 15:20:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0838994	-.003556	2.467836	.0075906	.0070458	83.52587
Stddev	.0124547	.002793	.003749	.0033407	.0025797	.22949
%RSD	14.84485	78.53270	.1519259	44.01033	36.61358	.2747522

#1	.0854334	-.001138	2.463685	.0068126	.0047791	83.39360
#2	.0955161	-.002918	2.470975	.0047076	.0098529	83.79086
#3	.0707487	-.006613	2.468848	.0112516	.0065053	83.39315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.006502	.0104603	.0943609	104.8701	.1805763	.0899769
Stddev	.009931	.0003690	.0000548	.1301	.0003850	.0011184
%RSD	.4949631	3.527853	.0580463	.1240714	.2131956	1.243016

#1	1.995617	.0100441	.0943101	104.8934	.1803186	.0905641
#2	2.015069	.0107474	.0944189	104.9869	.1803914	.0886872
#3	2.008821	.0105895	.0943537	104.7299	.1810189	.0906795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3637312	188.8720	6.805611	30.07579	.1927676	.0057508
Stddev	.0011587	.1136	.015331	.06717	.0014661	.0004525
%RSD	.3185538	.0601518	.2252675	.2233516	.7605741	7.869112

#1	.3624762	188.9159	6.809810	30.11574	.1928593	.0056477
#2	.3639572	188.9571	6.818405	30.11338	.1912578	.0053587
#3	.3647602	188.7430	6.788618	29.99823	.1941858	.0062460

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146773	.2507135	11.58369	13.42628	F 13.39102	.0683599
Stddev	.368959	.0081497	.03676	.02318	.01309	.0032449
%RSD	32.17368	3.250604	.3173593	.1726326	.0977210	4.746738

#1	.765904	.2505263	11.54484	13.40232	13.40613	.0678905
#2	1.502540	.2426590	11.58831	13.44859	13.38365	.0718139
#3	1.171874	.2589552	11.61793	13.42793	13.38328	.0653753

Sample Name: M4397-11 Acquired: 11/01/2021 15:20:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143471	5.192788	15.95889	.0357887	.9609413	.0602805
Stddev	.0005627	.016895	.04026	.0028379	.0020031	.0009885
%RSD	3.921842	.3253563	.2522934	7.929524	.2084540	1.639774

#1	.0137527	5.187624	16.00534	.0364098	.9591109	.0610960
#2	.0148715	5.211662	15.93411	.0326917	.9630811	.0591812
#3	.0144171	5.179077	15.93720	.0382646	.9606319	.0605644

Elem	Sr4077
Units	ppm
Avg	.0324015
Stddev	.0004007
%RSD	1.236605

#1	.0320172
#2	.0328168
#3	.0323706

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.414	32570.67	4688.322	870.7228	1397.387
Stddev	1.992	135.36	14.888	.8973	2.226
%RSD	.1604906	.4155840	.3175646	.1030505	.1593229

#1	1239.550	32550.71	4671.131	871.4983	1396.827
#2	1241.177	32714.90	4696.767	869.7400	1399.840
#3	1243.514	32446.40	4697.069	870.9300	1395.494

Sample Name: M4397-12 Acquired: 11/01/2021 15:24:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654817	.0008962	1.038443	.0062671	.0022299	81.37531	1.649123
Stddev	.0045401	.0036647	.005818	.0037125	.0038789	.07244	.010023
%RSD	6.933406	408.9205	.5602994	59.23783	173.9522	.0890228	.6077679

#1	.0701868	.0040106	1.042457	.0105350	.0015834	81.30328	1.642021
#2	.0611269	.0018199	1.041101	.0037850	.0063914	81.44816	1.660588
#3	.0651313	-.003142	1.031770	.0044813	-.001285	81.37450	1.644760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084461	.0600924	50.89004	.1457596	.1065675	.2269496	164.3615
Stddev	.0001116	.0000591	.23228	.0001626	.0008310	.0039370	.5074
%RSD	1.321609	.0983704	.4564296	.1115635	.7797850	1.734754	.3087054

#1	.0084473	.0600255	50.80897	.1457259	.1071649	.2258674	164.1703
#2	.0085571	.0601140	51.15199	.1456164	.1069192	.2236668	163.9775
#3	.0083338	.0601377	50.70917	.1459364	.1056185	.2313145	164.9367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.161236	19.72241	.1583639	.0043072	.7374754	.2409002	6.952015
Stddev	.026363	.06496	.0008138	.0002074	.0932706	.0058667	.031636
%RSD	.4278834	.3293929	.5138493	4.814506	12.64728	2.435344	.4550675

#1	6.163230	19.67591	.1583365	.0040849	.7301445	.2355614	6.916013
#2	6.186545	19.69469	.1575641	.0043414	.8341951	.2471809	6.964653
#3	6.133933	19.79664	.1591910	.0044954	.6480866	.2399582	6.975379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.967207	7.942459	.0032407	.0066682	3.101388	15.32403	.0148287
Stddev	.050279	.006967	.0037346	.0007444	.013093	.16073	.0030987
%RSD	.5606994	.0877163	115.2401	11.16355	.4221642	1.048894	20.89668

#1	9.001786	7.943268	.0031957	.0073850	3.113207	15.30132	.0172021
#2	8.990305	7.935123	-.000471	.0058990	3.087314	15.49490	.0113231
#3	8.909529	7.948986	.006998	.0067207	3.103642	15.17585	.0159608

Sample Name: M4397-12 Acquired: 11/01/2021 15:24:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8458729	.0599909	-.018822
Stddev	.0113546	.0008567	.000778
%RSD	1.342358	1.428066	4.132394

#1	.8453192	.0593385	-.018316
#2	.8348052	.0596732	-.018433
#3	.8574943	.0609611	-.019718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1242.298	32578.98	4647.051	873.0363	1412.282
Stddev	.300	105.01	33.132	5.4400	1.595
%RSD	.0241586	.3223353	.7129780	.6231078	.1129585

#1	1242.609	32538.50	4639.662	871.3489	1411.923
#2	1242.010	32698.21	4618.237	868.6400	1410.897
#3	1242.276	32500.23	4683.254	879.1200	1414.026

Sample Name: M4397-13 Acquired: 11/01/2021 15:28:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373349	-.004700	.4727718	-.003689	.0064687	83.83050	1.244430
Stddev	.0018748	.001200	.0036052	.002429	.0030295	.42363	.005020
%RSD	5.021636	25.53750	.7625701	65.83216	46.83301	.5053450	.4034143

#1	.0352629	-.004652	.4728157	-.002652	.0093513	83.40493	1.242844
#2	.0378274	-.005923	.4763549	-.001951	.0067439	84.25217	1.250051
#3	.0389142	-.003524	.4691448	-.006464	.0033110	83.83440	1.240393

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104134	.0316501	111.8481	.1606618	.0676416	.1662749	195.0047
Stddev	.0001654	.0003647	.2357	.0004869	.0003920	.0030888	1.4552
%RSD	1.588266	1.152268	.2107351	.3030332	.5794519	1.857670	.7462140

#1	.0102833	.0320668	111.7049	.1609244	.0678339	.1629035	194.0573
#2	.0103575	.0314945	112.1202	.1609609	.0671907	.1689685	196.6802
#3	.0105996	.0313891	111.7193	.1601000	.0679004	.1669528	194.2767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.138664	27.90880	.2170310	.0047796	1.200492	.2640465	3.585260
Stddev	.007095	.19694	.0002638	.0004468	.233839	.0026128	.064749
%RSD	.2260371	.7056688	.1215366	9.347748	19.47863	.9895215	1.805987

#1	3.134564	27.68924	.2167450	.0052014	.956074	.2643306	3.652098
#2	3.146856	28.06989	.2172647	.0048259	1.223325	.2665056	3.580859
#3	3.134571	27.96728	.2170834	.0043114	1.422078	.2613032	3.522824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.33347	5.910515	.0010947	.0055977	2.277494	9.812368	.0112965
Stddev	.06529	.042095	.0035861	.0004708	.019059	.114143	.0007181
%RSD	.5760977	.7121973	327.5740	8.411036	.8368288	1.163257	6.357154

#1	11.36209	5.864995	.0051612	.0050598	2.257706	9.681146	.0112751
#2	11.25875	5.918516	-.000262	.0059348	2.279047	9.888665	.0120251
#3	11.37956	5.948036	-.001615	.0057986	2.295728	9.867293	.0105893

Sample Name: M4397-13 Acquired: 11/01/2021 15:28:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6690346	.0828918	.0480048
Stddev	.0025365	.0008017	.0005473
%RSD	.3791297	.9672088	1.140151

#1	.6677770	.0837721	.0482489
#2	.6719542	.0826998	.0473779
#3	.6673726	.0822035	.0483876

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1246.895	32734.87	4668.815	875.6183	1397.340
Stddev	1.867	121.16	35.057	7.5986	2.047
%RSD	.1497047	.3701368	.7508831	.8677981	.1464787

#1	1245.371	32676.15	4708.828	866.8659	1394.999
#2	1248.977	32874.21	4654.119	879.4600	1398.792
#3	1246.337	32654.26	4643.497	880.5289	1398.230

Sample Name: CCV083 Acquired: 11/01/2021 15:32:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019740	4.880088	25.03576	4.782537	4.876003	402.5378	10.02313
Stddev	.013824	.026168	.01824	.010605	.016590	1.9069	.04273
%RSD	.2753912	.5362280	.0728653	.2217388	.3402280	.4737170	.4262937

#1	5.017572	4.862558	25.04884	4.778118	4.887875	400.9632	10.03669
#2	5.007128	4.910168	25.01492	4.794636	4.883086	404.6580	10.05744
#3	5.034520	4.867540	25.04352	4.774856	4.857048	401.9922	9.97527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4988817	2.434109	397.0542	15.17758	2.460237	15.13877	408.4112
Stddev	.0047665	.004181	1.4283	.02689	.003343	.06761	3.6833
%RSD	.9554424	.1717747	.3597306	.1771503	.1358673	.4466093	.9018671

#1	.4988511	2.429362	397.0780	15.17440	2.457117	15.07865	404.5521
#2	.5036634	2.437246	398.4705	15.15242	2.463765	15.21196	411.8891
#3	.4941305	2.435717	395.6141	15.20592	2.459829	15.12569	408.7924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66764	402.1454	2.422186	1.283196	404.8295	2.467632	15.18723
Stddev	.04846	4.0503	.004172	.005023	4.3045	.014781	.19541
%RSD	.3303996	1.007171	.1722561	.3914762	1.063285	.5989901	1.286679

#1	14.69981	397.6700	2.418800	1.281293	401.1995	2.453010	15.04026
#2	14.69122	405.5591	2.426847	1.279402	409.5849	2.482567	15.11244
#3	14.61191	403.2070	2.420911	1.288893	403.7041	2.467319	15.40899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.0558	5.079429	5.067477	4.940726	5.074768	5.041819	4.879590
Stddev	.5735	.027611	.047122	.004190	.011458	.049674	.028244
%RSD	.3746901	.5435900	.9298842	.0848087	.2257924	.9852303	.5788097

#1	152.7588	5.059191	5.039074	4.941952	5.067632	5.019946	4.854670
#2	153.7169	5.110884	5.121870	4.944166	5.087985	5.098675	4.910269
#3	152.6918	5.068214	5.041485	4.936059	5.068687	5.006835	4.873830

Sample Name: CCV083 Acquired: 11/01/2021 15:32:23 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.154110	5.120487	4.855413
Stddev	.041198	.034257	.020058
%RSD	.7993218	.6690107	.4131113

#1	5.125980	5.100207	4.864415
#2	5.201398	5.160038	4.869393
#3	5.134952	5.101214	4.832431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.2219	26701.23	3916.334	675.6875	1173.024
Stddev	1.4846	74.87	20.077	4.7516	.288
%RSD	.1550930	.2804107	.5126428	.7032203	.0245911

#1	955.6562	26727.01	3927.740	678.2774	1173.310
#2	958.6092	26759.80	3893.153	678.5814	1172.733
#3	957.4004	26616.87	3928.110	670.2036	1173.030

Sample Name: CCB083 Acquired: 11/01/2021 15:36:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004022	-.000276	-.001226	-.000979	.0012438	.0002640	-.002828
Stddev	.0056457	.002365	.002111	.002533	.0054548	.0071985	.000742
%RSD	1403.591	856.3910	172.1934	258.7808	438.5612	2726.594	26.25307

#1	.0065209	.000045	-.002548	-.002725	.0049313	.0013616	-.002361
#2	-.000709	-.002785	.001209	.001927	-.005022	.0068507	-.002438
#3	-.004605	.001912	-.002340	-.002139	.003822	-.007420	-.003684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000708	.0161299	.0000722	-.000063	.0000918	-.005513
Stddev	.000016	.0001252	.0033072	.0002439	.000697	.0009020	.010811
%RSD	71.12445	176.8168	20.50362	338.0307	1114.188	982.9665	196.1035

#1	-.000008	.0001715	.0181790	-.000135	.000382	.0005464	-.001777
#2	-.000040	-.000069	.0178960	.000011	.000297	-.000947	.002935
#3	-.000019	.000110	.0123145	.000341	-.000866	.000676	-.017696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000372	-.016482	-.000006	.0005236	-.058136	-.001069	.0029043
Stddev	.0006150	.049522	.001007	.0005333	.232112	.003175	.0033228
%RSD	1655.423	300.4626	17623.22	101.8658	399.2569	297.0048	114.4082

#1	-.000580	-.038460	.001115	.0004286	-.318523	-.003346	.0029012
#2	.000042	-.051211	-.000834	.0010980	.127058	-.002418	.0062286
#3	.000650	.040226	-.000298	.0000441	.017057	.002557	-.000417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050628	-.002488	.0051344	.0014599	-.013859	.0000507	-.001908
Stddev	.017188	.001074	.0016105	.0004194	.006497	.0021513	.001453
%RSD	33.94964	43.14505	31.36660	28.72870	46.87825	4245.312	76.17597

#1	-.038898	-.002635	.0067180	.0019442	-.006877	.0011786	-.000232
#2	-.070357	-.003481	.0034983	.0012198	-.014974	-.002430	-.002829
#3	-.042627	-.001349	.0051870	.0012156	-.019726	.001404	-.002662

Sample Name: CCB083 Acquired: 11/01/2021 15:36:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015947	-.005396	-.000022
Stddev	.0004437	.000616	.000138
%RSD	27.82562	11.40803	617.4534

#1	.0016802	-.006014	-.000063
#2	.0011145	-.004783	-.000135
#3	.0019895	-.005391	.000131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.758	28424.59	4016.005	763.3647	1399.958
Stddev	3.093	71.05	35.355	2.5918	3.001
%RSD	.2830874	.2499741	.8803593	.3395235	.2143863

#1	1094.717	28343.11	3979.825	761.2019	1397.431
#2	1089.191	28473.68	4050.473	766.2375	1399.168
#3	1094.364	28456.98	4017.717	762.6547	1403.276

Sample Name: M4397-20 Acquired: 11/01/2021 15:40:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0861063	-.007283	1.552311	-.003301	.0078292	59.25986	1.393621
Stddev	.0071954	.002644	.005046	.000420	.0028742	.29186	.002311
%RSD	8.356425	36.30698	.3250342	12.72775	36.71083	.4925042	.1658563

#1	.0820156	-.008288	1.557831	-.002825	.0046019	59.17383	1.392911
#2	.0818888	-.009278	1.551167	-.003620	.0101129	59.58507	1.391749
#3	.0944145	-.004284	1.547936	-.003458	.0087729	59.02069	1.396205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061927	.0464111	459.8595	.1867811	.0781014	.4554196	157.1769
Stddev	.0000999	.0001434	.7004	.0010479	.0006068	.0019669	.9852
%RSD	1.613849	.3090455	.1522973	.5610402	.7769447	.4318817	.6268267

#1	.0062854	.0463923	459.9792	.1879089	.0784769	.4553776	157.0298
#2	.0062059	.0465630	460.4923	.1865969	.0774013	.4574071	158.2275
#3	.0060868	.0462780	459.1070	.1858375	.0784259	.4534741	156.2736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.090073	182.7219	.1642439	.0044906	1.207784	.2011030	6.746727
Stddev	.006715	1.4100	.0009010	.0005472	.327164	.0017813	.011055
%RSD	.1102585	.7716704	.5485574	12.18597	27.08798	.8857852	.1638551

#1	6.082445	182.3611	.1634720	.0044652	1.388409	.2029289	6.754894
#2	6.092686	184.2773	.1652339	.0050501	.830126	.2010101	6.734147
#3	6.095089	181.5273	.1640258	.0039566	1.404818	.1993699	6.751139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.749959	5.334850	.0077676	.0091180	4.333941	10.37634	.0344390
Stddev	.046894	.022334	.0046399	.0009275	.030359	.08742	.0038097
%RSD	.6947328	.4186370	59.73427	10.17249	.7005034	.8424794	11.06215

#1	6.803766	5.329008	.0123357	.0088190	4.305907	10.30066	.0371976
#2	6.728317	5.359524	.0079080	.0101582	4.366186	10.47203	.0300921
#3	6.717794	5.316018	.0030590	.0083769	4.329731	10.35633	.0360272

Sample Name: M4397-20 Acquired: 11/01/2021 15:40:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9595714	.0577973	.1385400
Stddev	.0054854	.0011678	.0010231
%RSD	.5716512	2.020416	.7385113

#1	.9614953	.0585280	.1388370
#2	.9638357	.0584134	.1374012
#3	.9533832	.0564505	.1393818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.980	30727.43	4465.105	812.0718	1295.373
Stddev	1.271	100.14	19.244	3.6333	1.995
%RSD	.1099418	.3259110	.4309927	.4474133	.1539824

#1	1154.743	30685.76	4475.398	813.6255	1294.308
#2	1157.283	30841.68	4442.904	814.6700	1294.137
#3	1155.915	30654.85	4477.014	807.9200	1297.674

Sample Name: M4397-21 Acquired: 11/01/2021 15:44:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0826137	-.004349	1.633146	-.002468	.0116960	58.67637	1.370950
Stddev	.0150781	.009639	.003656	.007922	.0038204	.22267	.004013
%RSD	18.25134	221.6599	.2238488	321.0015	32.66396	.3794945	.2927407

#1	.0847331	-.011912	1.635747	-.010811	.0077837	58.42788	1.368788
#2	.0665881	-.007640	1.628967	-.001546	.0118871	58.74341	1.368481
#3	.0965201	.006505	1.634725	.004953	.0154173	58.85783	1.375580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061159	.0478330	472.6621	.1893702	.0765953	.4791806	156.8497
Stddev	.0002022	.0003901	1.2408	.0000511	.0015625	.0023140	1.2572
%RSD	3.306115	.8155972	.2625090	.0269557	2.039886	.4829182	.8015422

#1	.0062571	.0482822	471.5745	.1893191	.0781320	.4800409	155.4030
#2	.0062064	.0475792	472.3982	.1893704	.0750083	.4809413	157.4686
#3	.0058843	.0476376	474.0136	.1894212	.0766458	.4765596	157.6774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.930338	184.4865	.1620895	.0042003	1.064886	.1994628	7.044148
Stddev	.000687	1.6953	.0008070	.0002138	.367774	.0008227	.062373
%RSD	.0115843	.9189018	.4978614	5.089219	34.53649	.4124475	.8854519

#1	5.930615	182.5579	.1617191	.0041521	1.242327	.1992782	6.994445
#2	5.929556	185.1607	.1630152	.0040147	.642034	.1987481	7.023859
#3	5.930844	185.7410	.1615342	.0044340	1.310297	.2003621	7.114139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.603361	5.371684	.0058939	.0096530	4.544622	10.54567	.0334709
Stddev	.109371	.019250	.0016399	.0015397	.028940	.09844	.0023539
%RSD	1.656291	.3583546	27.82294	15.95032	.6367897	.9334630	7.032555

#1	6.624059	5.393904	.0049899	.0081397	4.538338	10.43804	.0326010
#2	6.700904	5.361091	.0049051	.0096016	4.519340	10.63115	.0316757
#3	6.485120	5.360058	.0077869	.0112178	4.576187	10.56783	.0361358

Sample Name: M4397-21 Acquired: 11/01/2021 15:44:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9622807	.0543630	.1452973
Stddev	.0054643	.0015622	.0003012
%RSD	.5678508	2.873552	.2073172

#1	.9561031	.0525602	.1455306
#2	.9642574	.0552118	.1454041
#3	.9664816	.0553170	.1449573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1150.929	30692.36	4471.704	815.0655	1289.993
Stddev	.555	118.39	43.174	6.5428	2.582
%RSD	.0481940	.3857447	.9655039	.8027290	.2001719

#1	1150.376	30828.19	4521.497	821.7509	1287.070
#2	1150.925	30611.02	4448.948	814.7705	1291.965
#3	1151.486	30637.88	4444.668	808.6753	1290.943

Sample Name: M4397-22 Acquired: 11/01/2021 15:48:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1524161	.0910176	1.273426	.1749292	.0635770	60.08486	5.024878
Stddev	.0025594	.0021795	.006377	.0061563	.0012006	.10502	.014477
%RSD	1.679193	2.394627	.5007662	3.519320	1.888423	.1747797	.2881091

#1	.1494817	.0891140	1.266249	.1693409	.0628039	60.20540	5.040495
#2	.1541875	.0933951	1.275590	.1739184	.0629670	60.01317	5.011905
#3	.1535790	.0905435	1.278440	.1815284	.0649601	60.03601	5.022234

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1034447	.1588601	508.4109	.5733426	1.099302	.9465473	143.6516
Stddev	.0006208	.0006770	2.1874	.0039841	.001237	.0056341	.4695
%RSD	.6001537	.4261795	.4302491	.6948879	.1125471	.5952280	.3268181

#1	.1041383	.1581154	510.6578	.5739969	1.099134	.9470046	144.0215
#2	.1029411	.1590265	506.2882	.5769591	1.098157	.9406985	143.8099
#3	.1032547	.1594384	508.2868	.5690719	1.100615	.9519388	143.1234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.412973	220.8389	1.168407	.1000903	1.218736	1.127902	9.093566
Stddev	.014131	.6691	.002564	.0008833	.305888	.002439	.018966
%RSD	.2610509	.3030004	.2194489	.8825414	25.09881	.2162137	.2085698

#1	5.425981	221.1597	1.165537	.1010724	1.391130	1.130715	9.106085
#2	5.397939	221.2873	1.169212	.0998380	.865560	1.126609	9.102869
#3	5.414998	220.0698	1.170472	.0993606	1.399518	1.126382	9.071745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.700145	5.378201	.0211033	.0105358	3.740078	13.76355	.0949817
Stddev	.044946	.006059	.0024390	.0010198	.018135	.10480	.0023169
%RSD	.6708281	.1126621	11.55762	9.679458	.4848958	.7614140	2.439294

#1	6.652795	5.371904	.0182940	.0109669	3.724858	13.88126	.0962739
#2	6.742223	5.378708	.0226803	.0112693	3.760144	13.72901	.0923069
#3	6.705415	5.383990	.0223357	.0093713	3.735230	13.68039	.0963643

Sample Name: M4397-22 Acquired: 11/01/2021 15:48:23 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9137314	.0492942	.1823190
Stddev	.0008125	.0012829	.0002171
%RSD	.0889202	2.602590	.1190703

#1	.9141884	.0499552	.1824038
#2	.9142124	.0501119	.1820723
#3	.9127933	.0478156	.1824809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.503	29960.04	4374.467	785.5997	1272.254
Stddev	3.724	99.08	33.668	3.9172	2.137
%RSD	.3332816	.3306918	.7696389	.4986269	.1679786

#1	1118.244	29889.60	4336.573	781.4604	1274.208
#2	1120.801	29917.19	4400.931	789.2487	1272.582
#3	1113.464	30073.33	4385.898	786.0901	1269.971

Sample Name: M4397-20LX5 Acquired: 11/01/2021 15:52:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248954	-.008241	.3004711	.0007644	.0005779	12.23316	.2897333
Stddev	.0044375	.004848	.0031516	.0037731	.0003355	.01776	.0003183
%RSD	17.82467	58.83022	1.048898	493.6134	58.06267	.1451534	.1098698

#1	.0253132	-.012483	.3013358	-.001783	.0005293	12.25356	.2900460
#2	.0291092	-.002956	.3031000	-.001023	.0009350	12.22476	.2894096
#3	.0202637	-.009284	.2969773	.005099	.0002693	12.22116	.2897443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013904	.0090935	96.56707	.0405525	.0129913	.1018652	33.75608
Stddev	.0001989	.0000886	.21546	.0007717	.0004392	.0005300	.16153
%RSD	14.30520	.9738663	.2231157	1.902951	3.380323	.5202549	.4785088

#1	.0013653	.0089924	96.70257	.0409756	.0133277	.1012635	33.57136
#2	.0012052	.0091575	96.31863	.0396618	.0131517	.1020699	33.82610
#3	.0016006	.0091307	96.68003	.0410202	.0124945	.1022623	33.87079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.305895	37.76745	.0311890	.0011084	.1045469	.0413563	1.403663
Stddev	.005265	.24489	.0003415	.0002488	.2283612	.0033717	.019601
%RSD	.4032024	.6484024	1.094989	22.44464	218.4295	8.152726	1.396426

#1	1.305849	37.50316	.0309059	.0008413	-.022987	.0379961	1.421003
#2	1.300653	37.81254	.0310928	.0013334	.368189	.0447394	1.382395
#3	1.311184	37.98666	.0315683	.0011505	-.031561	.0413335	1.407589

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.297524	1.008242	-.001482	.0013832	.8133692	2.207767	.0018960
Stddev	.098573	.008421	.000927	.0002834	.0050460	.011876	.0027681
%RSD	7.596980	.8352016	62.58821	20.48657	.6203819	.5379390	146.0006

#1	1.183899	1.002917	-.000435	.0010861	.8151077	2.199747	.0050656
#2	1.360132	1.003858	-.001808	.0014130	.8173160	2.202142	-.000046
#3	1.348541	1.017950	-.002202	.0016504	.8076838	2.221411	.000668

Sample Name: M4397-20LX5 Acquired: 11/01/2021 15:52:18 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2034189	.0097374	.0289438
Stddev	.0009475	.0012457	.0001082
%RSD	.4657656	12.79236	.3738166

#1	.2044924	.0090081	.0288425
#2	.2026995	.0090284	.0290578
#3	.2030649	.0111757	.0289312

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.724	29036.90	4163.094	777.4608	1389.683
Stddev	.300	30.45	22.961	4.2512	.709
%RSD	.0270501	.1048516	.5515265	.5468112	.0510233

#1	1108.776	29070.04	4182.792	773.8537	1390.341
#2	1108.402	29010.16	4168.614	782.1478	1389.775
#3	1108.996	29030.51	4137.877	776.3809	1388.932

Sample Name: PB140334BL Acquired: 11/01/2021 15:56:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS334 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053478	-.004031	-.002519	-.001084	.0003688	-.004722	-.004183
Stddev	.0046170	.005575	.002672	.002722	.0042571	.003468	.000311
%RSD	86.33483	138.2996	106.0925	251.2289	1154.367	73.44813	7.427287

#1	.0032893	-.000883	-.004893	-.004024	.0046525	-.003046	-.003884
#2	.0021182	-.000742	.000375	.001349	-.003861	-.002410	-.004504
#3	.0106361	-.010468	-.003037	-.000576	.000315	-.008710	-.004161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000087	-.000033	.0196915	-.000593	-.000113	-.000083	-.007020
Stddev	.0001173	.000074	.0114629	.000564	.000342	.001296	.013943
%RSD	1344.487	226.9408	58.21246	94.99055	301.7436	1557.828	198.6188

#1	-.000117	.000043	.0090096	-.001136	.000191	.000494	.001982
#2	.000115	-.000105	.0318015	-.000011	-.000484	-.001567	.000039
#3	.000028	-.000036	.0182632	-.000633	-.000047	.000824	-.023081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000979	-.054843	-.000039	.0005324	-.080665	-.000153	.0039379
Stddev	.0003067	.011187	.000724	.0000315	.256992	.001966	.0020573
%RSD	313.2219	20.39818	1837.790	5.921992	318.5942	1284.812	52.24302

#1	-.000226	-.050425	-.000753	.0005680	-.276668	.002000	.0017235
#2	.000384	-.046539	.000695	.0005078	-.175619	-.001854	.0043004
#3	.000136	-.067564	-.000060	.0005214	.210293	-.000606	.0057899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.165526	.0004827	-.009410	.0008864	-.005939	-.001582	-.002008
Stddev	.104245	.0019943	.001068	.0012479	.004223	.001646	.000612
%RSD	62.97781	413.1771	11.34632	140.7816	71.10380	104.0425	30.47350

#1	-.206134	-.000122	-.008202	-.000238	-.010047	-.000352	-.002433
#2	-.243356	.002709	-.009799	.002229	-.001610	-.003452	-.001307
#3	-.047088	-.001140	-.010229	.000668	-.006160	-.000942	-.002286

Sample Name: PB140334BL Acquired: 11/01/2021 15:56:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS334 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003086	-.005462	-.000083
Stddev	.0013270	.002743	.000126
%RSD	429.9479	50.22417	152.9603

#1	.0001232	-.006309	-.000198
#2	.0017186	-.007683	.000052
#3	-.000916	-.002396	-.000102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.895	28497.83	4023.803	764.0076	1402.952
Stddev	2.869	89.22	25.180	4.9882	1.872
%RSD	.2611156	.3130618	.6257792	.6529007	.1334298

#1	1095.737	28403.72	4033.409	759.9361	1403.289
#2	1099.603	28508.62	3995.234	762.5150	1400.935
#3	1101.343	28581.16	4042.767	769.5717	1404.633

Sample Name: PB140334BS Acquired: 11/01/2021 16:00:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS334 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182979	.0497842	.0201263	.0768723	.1274893	.4155435
Stddev	.0044579	.0026975	.0017724	.0087040	.0022589	.0088209
%RSD	24.36282	5.418304	8.806501	11.32261	1.771824	2.122730

#1	.0180456	.0475298	.0183426	.0844690	.1254047	.4150276
#2	.0228766	.0527728	.0218872	.0787729	.1271738	.4069919
#3	.0139715	.0490501	.0201490	.0673751	.1298893	.4246110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818354	.0111881	.0107133	10.52673	.0212181	.1011050
Stddev	.0019664	.0002640	.0000085	.03818	.0011509	.0005298
%RSD	.5149875	2.360039	.0795407	.3626646	5.423990	.5240174

#1	.3839321	.0111208	.0107210	10.56972	.0222552	.1017147
#2	.3800322	.0109642	.0107148	10.49680	.0199800	.1008438
#3	.3815421	.0114793	.0107042	10.51366	.0214190	.1007565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530953	.2250418	.0330807	10.32225	.0816295	.0210395
Stddev	.0010869	.0059533	.0009802	.04496	.0011680	.0002122
%RSD	2.047130	2.645418	2.963011	.4355481	1.430847	1.008544

#1	.0543417	.2218973	.0341864	10.27073	.0824956	.0211097
#2	.0523445	.2319080	.0323185	10.35353	.0820917	.0208012
#3	.0525997	.2213201	.0327371	10.34250	.0803011	.0212078

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09324	.1021030	.1256786	10.07859	.0194990	F .2089315
Stddev	.15821	.0025944	.0016625	.02488	.0034459	.0012075
%RSD	1.567455	2.540931	1.322828	.2468999	17.67216	.5779309

#1	10.00955	.1020594	.1260799	10.07691	.0159813	.2091703
#2	9.99446	.0995307	.1238521	10.10427	.0196475	.2100018
#3	10.27572	.1047189	.1271036	10.05459	.0228683	.2076225

Sample Name: PB140334BS Acquired: 11/01/2021 16:00:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS334 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215413	.1764144	.2075945	.0100360	.2247861	.0220647
Stddev	.0005068	.0059322	.0010501	.0016090	.0012484	.0003377
%RSD	2.352493	3.362639	.5058554	16.03183	.5553874	1.530445

#1	.0218301	.1703429	.2074299	.0086778	.2261266	.0224368
#2	.0209562	.1767036	.2066364	.0096173	.2236567	.0217776
#3	.0218377	.1821967	.2087172	.0118130	.2245751	.0219797

Elem	Sr4077
Units	ppm
Avg	.2250523
Stddev	.0005420
%RSD	.2408466

#1	.2255958
#2	.2245118
#3	.2250495

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.358	28647.82	4054.614	771.2873	1428.203
Stddev	1.769	113.32	11.728	2.8500	2.461
%RSD	.1603058	.3955745	.2892449	.3695180	.1723420

#1	1101.470	28623.00	4061.439	768.0187	1426.912
#2	1104.976	28548.96	4061.331	772.5896	1426.655
#3	1103.630	28771.50	4041.072	773.2535	1431.041

Sample Name: M4398-20 Acquired: 11/01/2021 16:04:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0709688	-.004435	1.411559	-.000263	.0022868	111.6268	1.797397
Stddev	.0072317	.003452	.001324	.004995	.0037187	.0803	.008270
%RSD	10.18990	77.84365	.0937887	1900.860	162.6190	.0719566	.4601365

#1	.0638012	-.008280	1.412535	-.004715	-.000461	111.5444	1.802357
#2	.0782628	-.001601	1.412090	-.001212	.000803	111.6311	1.801985
#3	.0708424	-.003425	1.410052	.005139	.006518	111.7048	1.787849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109035	.1207729	71.76307	.1727404	.1041675	.3525741	222.1419
Stddev	.0002144	.0004369	.35642	.0007514	.0006290	.0023397	1.4049
%RSD	1.966583	.3617165	.4966635	.4349623	.6038122	.6636079	.6324376

#1	.0107478	.1203250	72.00375	.1734141	.1039463	.3540810	221.5993
#2	.0111480	.1207959	71.93184	.1719301	.1036791	.3498787	221.0892
#3	.0108145	.1211978	71.35361	.1728769	.1048772	.3537627	223.7372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.487755	29.06145	.2250050	.0078737	1.233028	.2866622	12.66371
Stddev	.032284	.24321	.0010203	.0006697	.265632	.0003093	.16298
%RSD	.3803594	.8368942	.4534671	8.505825	21.54308	.1078882	1.287001

#1	8.500271	28.98895	.2261831	.0081540	.997615	.2869774	12.60039
#2	8.511907	28.86273	.2244033	.0071094	1.180454	.2863592	12.54189
#3	8.451087	29.33267	.2244287	.0083577	1.521017	.2866501	12.84885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.165000	5.128521	-.006126	.0096480	3.298539	8.741381	.0225762
Stddev	.083709	.008996	.005134	.0011458	.007621	.036636	.0015985
%RSD	.9133544	.1754092	83.80822	11.87653	.2310550	.4191043	7.080307

#1	9.079375	5.137298	-.011492	.0083926	3.303452	8.778360	.0238765
#2	9.246651	5.119321	-.005627	.0106375	3.302406	8.740683	.0230604
#3	9.168972	5.128942	-.001260	.0099140	3.289759	8.705099	.0207916

Sample Name: M4398-20 Acquired: 11/01/2021 16:04:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA21 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125791	.0653150	-.020572
Stddev	.003325	.0004891	.001439
%RSD	.2953414	.7488196	6.995172

#1	1.128653	.0654903	-.020061
#2	1.122144	.0647625	-.019459
#3	1.126576	.0656923	-.022197

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.839	33138.51	4771.152	893.6567	1403.409
Stddev	3.938	174.21	7.883	4.8008	1.384
%RSD	.3096613	.5256897	.1652166	.5372141	.0986134

#1	1270.881	33299.35	4764.683	894.7300	1401.834
#2	1276.168	33162.70	4768.842	897.8300	1403.962
#3	1268.468	32953.47	4779.932	888.4100	1404.431

Sample Name: M4398-21 Acquired: 11/01/2021 16:08:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756068	-.003654	1.417714	.0101691	.0064862	111.6729	1.822993
Stddev	.0129394	.011750	.003797	.0057619	.0014055	.4957	.002311
%RSD	17.11404	321.5970	.2677952	56.66118	21.66938	.4439140	.1267592

#1	.0619750	-.000511	1.420877	.0150487	.0050215	111.9466	1.823576
#2	.0877197	.006206	1.413504	.0116462	.0078240	111.9713	1.820446
#3	.0771256	-.016655	1.418761	.0038124	.0066130	111.1006	1.824956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108977	.1189429	70.67244	.1713003	.1049788	.3450540	223.2471
Stddev	.0002115	.0003651	.07708	.0014627	.0004603	.0018812	2.3656
%RSD	1.940965	.3069157	.1090630	.8538985	.4384961	.5451773	1.059641

#1	.0108728	.1186737	70.72757	.1716018	.1055074	.3460864	224.6382
#2	.0111205	.1187965	70.70538	.1697104	.1047628	.3428827	224.5874
#3	.0106997	.1193584	70.58436	.1725888	.1046662	.3461929	220.5157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.417565	29.07299	.2229175	.0067564	1.426607	.2881884	12.45102
Stddev	.022142	.35653	.0009062	.0003283	.137752	.0015070	.19572
%RSD	.2630416	1.226337	.4065188	4.859728	9.655954	.5229151	1.571956

#1	8.430426	29.36965	.2223316	.0063874	1.268013	.2868441	12.61152
#2	8.391998	29.17187	.2239613	.0068653	1.495336	.2898174	12.23297
#3	8.430270	28.67746	.2224595	.0070164	1.516472	.2879036	12.50857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.091901	5.136096	.0055911	.0098963	3.262175	8.638684	.0254126
Stddev	.060687	.019316	.0025420	.0004043	.020557	.080938	.0018631
%RSD	.6674891	.3760784	45.46561	4.085899	.6301473	.9369197	7.331321

#1	9.115075	5.145309	.0067132	.0095973	3.250103	8.676071	.0253802
#2	9.137587	5.149081	.0073790	.0103563	3.285910	8.694169	.0272917
#3	9.023041	5.113899	.0026811	.0097351	3.250511	8.545811	.0235660

Sample Name: M4398-21 Acquired: 11/01/2021 16:08:38 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA21D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.117440	.0696051	-.023850
Stddev	.008129	.0020390	.002446
%RSD	.7274382	2.929381	10.25721

#1	1.120305	.0715610	-.024789
#2	1.123747	.0697620	-.025687
#3	1.108266	.0674921	-.021073

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.655	33237.88	4765.671	893.5412	1397.456
Stddev	.790	211.62	43.054	14.8604	3.857
%RSD	.0621892	.6366805	.9034286	1.663092	.2760086

#1	1270.541	33064.76	4726.499	883.2636	1401.765
#2	1269.399	33473.79	4758.746	910.5800	1394.325
#3	1269.026	33175.09	4811.768	886.7800	1396.278

Sample Name: M4398-22 Acquired: 11/01/2021 16:12:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365793	.0970512	1.712225	.1651480	.0423785	126.1986	5.949074
Stddev	.0033123	.0010284	.004338	.0084080	.0005113	.3387	.011432
%RSD	2.425157	1.059656	.2533768	5.091170	1.206565	.2683684	.1921627

#1	.1334356	.0978817	1.712316	.1744763	.0428337	125.9685	5.938222
#2	.1362645	.0959009	1.707842	.1581534	.0418253	126.5875	5.947991
#3	.1400377	.0973710	1.716518	.1628142	.0424766	126.0399	5.961008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040858	.2112039	57.45617	.5745785	1.170457	.7691696	234.2897
Stddev	.0004107	.0002500	.12114	.0020281	.001988	.0029720	1.0590
%RSD	.3946035	.1183886	.2108412	.3529698	.1698548	.3863869	.4520218

#1	.1042085	.2112696	57.34561	.5723972	1.169761	.7664139	233.4475
#2	.1036277	.2114146	57.43723	.5749312	1.168911	.7723187	235.4786
#3	.1044212	.2109276	57.58566	.5764071	1.172700	.7687762	233.9428

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39017	28.28094	1.294377	.0963203	1.091621	1.179859	12.27531
Stddev	.00642	.09743	.002608	.0008129	.198258	.009150	.08059
%RSD	.0617840	.3445076	.2014645	.8439292	18.16182	.7755353	.6565125

#1	10.38283	28.18429	1.296085	.0958140	.915372	1.174270	12.19548
#2	10.39475	28.37913	1.291376	.0972579	1.053222	1.190418	12.35664
#3	10.39293	28.27940	1.295671	.0958890	1.306270	1.174887	12.27381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.384023	5.386788	-.001028	.0127221	3.344729	11.74571	.0243116
Stddev	.074470	.049369	.007080	.0004754	.026834	.05048	.0021341
%RSD	.7935866	.9164861	688.5518	3.736922	.8022746	.4297906	8.777913

#1	9.299429	5.409285	.000542	.0121736	3.370524	11.68823	.0262551
#2	9.439687	5.330177	.005135	.0129758	3.316964	11.78285	.0246518
#3	9.412953	5.420901	-.008762	.0130168	3.346697	11.76604	.0220279

Sample Name: M4398-22 Acquired: 11/01/2021 16:12:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.195531	.0744670	-.040632
Stddev	.004925	.0016754	.000866
%RSD	.4119091	2.249890	2.130267

#1	1.195168	.0761303	-.039945
#2	1.200627	.0727797	-.041604
#3	1.190798	.0744909	-.040345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.562	33118.77	4776.608	887.5120	1390.956
Stddev	1.535	171.09	30.184	5.5081	3.807
%RSD	.1214571	.5165890	.6319056	.6206179	.2737065

#1	1262.704	33295.23	4808.135	893.4171	1387.297
#2	1262.648	33107.45	4747.976	882.5135	1390.676
#3	1265.334	32953.62	4773.711	886.6054	1394.895

Sample Name: M4398-20LX5 Acquired: 11/01/2021 16:16:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121054	-.005967	.2705183	.0014267	.0020837	24.08116	.3948278
Stddev	.0043947	.005106	.0030125	.0117585	.0027059	.09706	.0012503
%RSD	36.30365	85.57603	1.113600	824.1568	129.8613	.4030423	.3166819

#1	.0169878	-.005874	.2671701	-.011671	.0030962	23.97481	.3955881
#2	.0084665	-.000908	.2713755	.004878	-.000982	24.10370	.3955106
#3	.0108617	-.011119	.2730093	.011073	.004137	24.16496	.3933847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024233	.0232318	15.31947	.0375866	.0195052	.0749181	48.68996
Stddev	.0000341	.0001317	.06614	.0007006	.0005794	.0016227	.43037
%RSD	1.405329	.5668424	.4317671	1.863965	2.970534	2.165959	.8838927

#1	.0024422	.0230962	15.30737	.0372615	.0201624	.0739672	48.26548
#2	.0024437	.0233592	15.39083	.0383907	.0190681	.0739953	48.67843
#3	.0023840	.0232401	15.26021	.0371076	.0192852	.0767918	49.12598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.848698	6.256198	.0435477	.0017815	.1831283	.0608704	2.715243
Stddev	.003757	.139721	.0007641	.0000178	.2801211	.0023459	.016811
%RSD	.2032003	2.233323	1.754540	.9993235	152.9644	3.853872	.6191269

#1	1.845544	6.139148	.0437551	.0017899	.5017315	.0595122	2.715014
#2	1.852854	6.218565	.0441866	.0017935	.0721675	.0635791	2.732168
#3	1.847694	6.410881	.0427013	.0017610	-.024514	.0595198	2.698549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809494	1.001804	-.005182	.0023374	.6262994	1.914112	.0027428
Stddev	.071046	.015834	.001474	.0009640	.0085131	.010783	.0009223
%RSD	3.926299	1.580568	28.44834	41.24507	1.359277	.5633367	33.62417

#1	1.790431	.997969	-.006784	.0032608	.6308463	1.902264	.0028799
#2	1.749924	.988239	-.003882	.0013373	.6315737	1.916719	.0017597
#3	1.888127	1.019203	-.004881	.0024140	.6164782	1.923352	.0035889

Sample Name: M4398-20LX5 Acquired: 11/01/2021 16:16:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA21L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2427977	.0095398	-.005502
Stddev	.0004843	.0010927	.000406
%RSD	.1994748	11.45438	7.387106

#1	.2424393	.0083255	-.005125
#2	.2426051	.0104438	-.005448
#3	.2433487	.0098503	-.005933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.069	29718.57	4212.212	796.9259	1420.873
Stddev	2.005	75.13	28.177	5.1685	.450
%RSD	.1761988	.2527912	.6689294	.6485586	.0316759

#1	1136.429	29676.08	4211.735	791.7897	1421.392
#2	1140.305	29805.31	4240.625	796.8619	1420.636
#3	1137.475	29674.32	4184.277	802.1262	1420.591

Sample Name: PB140366BL Acquired: 11/01/2021 16:20:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056393	-.002059	-.003470	-.002621	.0011782	-.000720	-.003265
Stddev	.0047648	.001029	.002317	.008968	.0026118	.003619	.001084
%RSD	84.49277	49.97209	66.75232	342.1915	221.6739	502.9461	33.20388

#1	.0015974	-.003247	-.005852	-.006582	.0039642	-.004847	-.003802
#2	.0044276	-.001464	-.003335	-.008925	.0007853	.000778	-.003976
#3	.0108931	-.001466	-.001224	.007645	-.001215	.001911	-.002017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000863	-.000071	.0203510	-.000179	.0003574	.0010048	-.007088
Stddev	.0000245	.000159	.0039179	.000309	.0004328	.0046808	.009147
%RSD	28.40916	223.1338	19.25169	172.8927	121.1030	465.8387	129.0484

#1	.0000581	.000008	.0162659	-.000433	-.000118	.0030056	-.014804
#2	.0000991	-.000255	.0207101	-.000269	.000461	.0043527	-.009478
#3	.0001019	.000033	.0240770	.000165	.000729	-.004344	.003017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005921	-.042812	.0000392	.0002290	.1021595	-.001617	.0010750
Stddev	.0002301	.031565	.0002072	.0003886	.2535854	.000829	.0014153
%RSD	38.86145	73.72860	529.0998	169.7173	248.2251	51.27455	131.6560

#1	.0007247	-.030197	.0002548	-.000062	.3713020	-.001623	-.000181
#2	.0003264	-.078734	-.000158	.000670	-.132298	-.000785	.002609
#3	.0007251	-.019506	.000021	.000079	.067475	-.002443	.000797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.145250	-.000413	-.009544	-.000072	-.006784	-.002200	-.001854
Stddev	.094844	.003271	.001073	.000869	.008226	.001914	.001953
%RSD	65.29700	791.1455	11.24083	1202.133	121.2644	87.02084	105.3101

#1	-.095169	-.000394	-.010711	.000599	-.008235	-.004343	.000400
#2	-.085945	.002848	-.008601	.000237	.002072	-.001594	-.003029
#3	-.254637	-.003694	-.009319	-.001054	-.014187	-.000662	-.002933

Sample Name: PB140366BL Acquired: 11/01/2021 16:20:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS366 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006831	-.006592	-.000062
Stddev	.0003277	.000218	.000088
%RSD	47.97275	3.309821	142.3070

#1	.0010600	-.006636	-.000156
#2	.0004649	-.006355	.000019
#3	.0005245	-.006785	-.000049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1100.506	28495.99	4054.655	770.8913	1407.675
Stddev	1.450	52.08	15.986	3.7391	1.737
%RSD	.1317217	.1827644	.3942542	.4850417	.1234065

#1	1098.834	28459.53	4046.059	767.0961	1407.276
#2	1101.273	28472.81	4073.099	774.5717	1409.577
#3	1101.410	28555.64	4044.806	771.0060	1406.172

Sample Name: PB140366BS Acquired: 11/01/2021 16:24:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS366 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213524	.0507672	.0190958	.0697276	.1258092	.4075148
Stddev	.0056027	.0021160	.0030230	.0090925	.0036998	.0116259
%RSD	26.23910	4.167986	15.83061	13.04008	2.940829	2.852881

#1	.0150128	.0504998	.0223955	.0623022	.1282754	.3956923
#2	.0234053	.0487976	.0184318	.0798685	.1275971	.4189336
#3	.0256391	.0530041	.0164600	.0670121	.1215549	.4079185

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3843923	.0112429	.0103827	10.53039	.0214949	.0995594
Stddev	.0023005	.0001748	.0000752	.00087	.0004143	.0020360
%RSD	.5984775	1.554629	.7244261	.0082251	1.927408	2.045021

#1	.3860289	.0110633	.0104205	10.53135	.0214293	.1002779
#2	.3817620	.0112529	.0102961	10.52968	.0211173	.1011387
#3	.3853861	.0114124	.0104315	10.53013	.0219381	.0972615

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534883	.2182497	.0327675	10.27839	.0803864	.0208850
Stddev	.0019923	.0098365	.0004473	.14887	.0012689	.0002335
%RSD	3.724701	4.506993	1.365167	1.448416	1.578456	1.118059

#1	.0554650	.2078862	.0329562	10.10657	.0809654	.0206886
#2	.0514808	.2274570	.0330896	10.36889	.0812626	.0208232
#3	.0535190	.2194059	.0322568	10.35972	.0789314	.0211432

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34689	.1026931	.1182506	10.02131	.0213815	F .2083320
Stddev	.49830	.0075334	.0030470	.02695	.0061436	.0023691
%RSD	4.815948	7.335835	2.576699	.2689721	28.73322	1.137167

#1	9.91112	.0944003	.1217671	10.04375	.0159145	.2056085
#2	10.23939	.1091142	.1165902	10.02877	.0202000	.2094718
#3	10.89017	.1045649	.1163944	9.99141	.0280301	.2099158

Sample Name: PB140366BS Acquired: 11/01/2021 16:24:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS366 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211811	.1695634	.2099673	F .0083225	.2209104	.0267903
Stddev	.0007850	.0061633	.0052035	.0015534	.0009476	.0027804
%RSD	3.706123	3.634833	2.478224	18.66445	.4289371	10.37818

#1	.0211417	.1680758	.2039597	.0084921	.2207856	.0285369
#2	.0219851	.1763343	.2128853	.0097842	.2219141	.0235841
#3	.0204166	.1642799	.2130570	.0066914	.2200313	.0282499

Elem	Sr4077
Units	ppm
Avg	.2240684
Stddev	.0007277
%RSD	.3247548

#1	.2232926
#2	.2241769
#3	.2247357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.228	28839.46	4069.768	773.8069	1440.962
Stddev	19.107	124.28	45.250	4.9240	23.834
%RSD	1.710184	.4309487	1.111850	.6363382	1.654024

#1	1104.056	28820.70	4121.414	771.0405	1423.310
#2	1108.486	28972.06	4050.804	779.4920	1431.503
#3	1139.141	28725.63	4037.086	770.8882	1468.074

Sample Name: M4399-19 Acquired: 11/01/2021 16:28:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449257	-.000041	.3782947	.0058202	.0023028	90.43639	1.796830
Stddev	.0039811	.004649	.0019879	.0134967	.0037421	.26239	.003753
%RSD	8.861578	11463.89	.5254877	231.8956	162.5023	.2901327	.2088836

#1	.0416887	-.005165	.3779244	-.000738	.0050682	90.14799	1.798053
#2	.0437174	.003907	.3804417	.021343	.0037954	90.50019	1.799820
#3	.0493710	.001137	.3765180	-.003144	-.001955	90.66100	1.792618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074958	.0266193	80.92172	.1300943	.0452273	.1201990	132.3913
Stddev	.0001103	.0002133	.19293	.0009162	.0011010	.0023066	.4243
%RSD	1.470893	.8014572	.2384181	.7042829	2.434344	1.918954	.3204848

#1	.0073903	.0266370	81.11827	.1292886	.0464516	.1197016	131.9050
#2	.0076103	.0268232	80.91425	.1310909	.0443185	.1181817	132.5832
#3	.0074868	.0263976	80.73262	.1299033	.0449118	.1227136	132.6858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.768677	23.14507	.0888793	.0033044	.8586653	.2246104	2.357621
Stddev	.005002	.10493	.0008216	.0002177	.0299199	.0050905	.007458
%RSD	.1327339	.4533526	.9244152	6.586877	3.484469	2.266380	.3163355

#1	3.773924	23.06529	.0879318	.0032688	.8903377	.2242481	2.365420
#2	3.763961	23.26393	.0893943	.0035376	.8308773	.2298725	2.350558
#3	3.768147	23.10598	.0893118	.0031067	.8547808	.2197108	2.356885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.349462	5.807972	.0216847	.0040768	2.754214	8.034079	.0196855
Stddev	.079501	.031593	.0035933	.0006938	.018714	.031962	.0040465
%RSD	1.081731	.5439677	16.57086	17.01861	.6794793	.3978333	20.55585

#1	7.267611	5.792835	.0198108	.0034257	2.756941	8.011513	.0243568
#2	7.354390	5.786796	.0258277	.0048066	2.734285	8.020070	.0174401
#3	7.426385	5.844286	.0194157	.0039980	2.771415	8.070654	.0172594

Sample Name: M4399-19 Acquired: 11/01/2021 16:28:57 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA90 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6356861	.0466651	.0898931
Stddev	.0025620	.0009428	.0003836
%RSD	.4030273	2.020271	.4267647

#1	.6330075	.0477531	.0900296
#2	.6359379	.0460896	.0901899
#3	.6381129	.0461527	.0894599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1236.764	32277.32	4622.680	868.8312	1428.164
Stddev	5.281	62.90	11.131	3.1599	5.344
%RSD	.4270066	.1948839	.2407943	.3636899	.3742208

#1	1236.922	32208.19	4623.664	870.1235	1428.755
#2	1241.964	32331.19	4633.286	871.1400	1433.189
#3	1231.406	32292.57	4611.089	865.2300	1422.549

Sample Name: M4399-20 Acquired: 11/01/2021 16:33:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486051	-.006525	.3816102	.0026501	.0034966	90.21547	1.801045
Stddev	.0052378	.003353	.0065910	.0024592	.0027292	.24243	.003925
%RSD	10.77620	51.38825	1.727145	92.79780	78.05397	.2687210	.2179469

#1	.0435619	-.009582	.3834677	.0029514	.0050582	90.42310	1.800049
#2	.0540179	-.002939	.3742898	.0000541	.0003452	90.27425	1.797713
#3	.0482355	-.007052	.3870730	.0049447	.0050863	89.94906	1.805372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075314	.0269085	81.38862	.1293162	.0451950	.1216237	132.7458
Stddev	.0000971	.0001235	.18449	.0005967	.0000959	.0004277	1.4733
%RSD	1.289607	.4590017	.2266774	.4614439	.2121915	.3516709	1.109900

#1	.0074282	.0267904	81.45724	.1292871	.0452332	.1217048	133.0929
#2	.0076210	.0268983	81.17966	.1287346	.0452659	.1211613	134.0147
#3	.0075451	.0270368	81.52898	.1299270	.0450859	.1220051	131.1300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.744913	23.07764	.0882076	.0036664	.6643816	.2279839	2.417419
Stddev	.013339	.26945	.0013452	.0007081	.3453282	.0057244	.024872
%RSD	.3561847	1.167589	1.524998	19.31394	51.97739	2.510875	1.028846

#1	3.750974	23.04457	.0869826	.0041231	1.054177	.2343294	2.431934
#2	3.729620	23.36210	.0896471	.0040254	.396708	.2264143	2.431623
#3	3.754145	22.82625	.0879930	.0028507	.542261	.2232081	2.388701

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.458531	5.859722	.0263547	.0042044	2.762843	8.044244	.0187391
Stddev	.050924	.010534	.0033599	.0005050	.015913	.040326	.0016473
%RSD	.6827666	.1797649	12.74858	12.01105	.5759767	.5013076	8.790947

#1	7.499639	5.854324	.0300552	.0043744	2.745510	8.025300	.0177133
#2	7.401564	5.852981	.0255136	.0036363	2.766226	8.090554	.0178647
#3	7.474391	5.871861	.0234954	.0046024	2.776792	8.016877	.0206392

Sample Name: M4399-20 Acquired: 11/01/2021 16:33:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6388300	.0480255	.0889820
Stddev	.0050453	.0009442	.0009382
%RSD	.7897662	1.966045	1.054321

#1	.6428438	.0471360	.0893230
#2	.6404798	.0490162	.0879211
#3	.6331664	.0479243	.0897020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.854	32013.70	4601.267	861.0664	1423.144
Stddev	2.575	110.31	30.184	3.9677	1.454
%RSD	.2093845	.3445744	.6559990	.4607920	.1021838

#1	1231.859	31919.79	4576.690	857.9697	1421.496
#2	1226.950	31986.14	4592.152	859.6906	1423.687
#3	1230.753	32135.18	4634.958	865.5389	1424.247

Sample Name: M4399-21 Acquired: 11/01/2021 16:37:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1146626	.0983222	.5079002	.1923516	.0560291	96.66116	6.003292
Stddev	.0098615	.0021412	.0047837	.0065871	.0024947	.37902	.013254
%RSD	8.600424	2.177765	.9418520	3.424502	4.452458	.3921130	.2207868

#1	.1233869	.1003784	.5134239	.1950940	.0571549	96.93598	6.003712
#2	.1166380	.0984832	.5051305	.1848364	.0577625	96.81873	6.016331
#3	.1039630	.0961050	.5051463	.1971244	.0531700	96.22877	5.989832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080821	.1421742	95.50272	.5463488	1.134987	.6100211	137.4662
Stddev	.0003807	.0002535	.17155	.0008425	.003220	.0006715	.6353
%RSD	.3522571	.1783311	.1796317	.1542010	.2836914	.1100809	.4621401

#1	.1077477	.1424440	95.54303	.5457917	1.136521	.6097655	138.1862
#2	.1080021	.1419410	95.65054	.5473180	1.131287	.6095149	137.2277
#3	.1084964	.1421376	95.31461	.5459366	1.137153	.6107829	136.9847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.887831	18.93948	1.173453	.0981968	.9141220	1.182456	4.026949
Stddev	.024049	.14203	.003031	.0003731	.1680937	.014876	.027573
%RSD	.3491519	.7498905	.2583037	.3799058	18.38854	1.258076	.6847092

#1	6.898998	19.10216	1.176791	.0980991	1.051063	1.187762	4.049820
#2	6.904266	18.84017	1.170872	.0978824	.964777	1.193952	4.034695
#3	6.860229	18.87612	1.172696	.0986090	.726526	1.165654	3.996331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.440411	7.158216	.0466604	.0046317	2.972776	16.00563	.0877359
Stddev	.154015	.012660	.0030365	.0011512	.015840	.05057	.0011859
%RSD	1.631443	.1768618	6.507584	24.85415	.5328399	.3159773	1.351619

#1	9.274125	7.172752	.0491356	.0050652	2.986886	15.97798	.0868452
#2	9.468944	7.152290	.0432722	.0033267	2.955642	16.06400	.0872807
#3	9.578164	7.149606	.0475735	.0055032	2.975800	15.97491	.0890820

Sample Name: M4399-21 Acquired: 11/01/2021 16:37:03 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA90S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7757121	.0531527	.1079052
Stddev	.0146754	.0010494	.0007356
%RSD	1.891863	1.974274	.6817112

#1	.7816464	.0523414	.1070624
#2	.7864911	.0543378	.1082355
#3	.7589989	.0527789	.1084178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.706	31901.07	4649.758	856.9051	1406.843
Stddev	.456	194.32	12.766	2.4661	2.910
%RSD	.0373921	.6091248	.2745605	.2877938	.2068729

#1	1220.057	31800.83	4642.904	857.4466	1404.717
#2	1219.871	31777.35	4641.883	854.2133	1410.160
#3	1219.191	32125.04	4664.488	859.0555	1405.653

Sample Name: M4399-19LX5 Acquired: 11/01/2021 16:41:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA90L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138261	-.001049	.0717266	-.003701	.0034715	19.03073	.3817329
Stddev	.0056718	.006301	.0010486	.000565	.0018693	.07208	.0013630
%RSD	41.02226	600.3700	1.461929	15.27634	53.84721	.3787593	.3570562

#1	.0133420	-.007103	.0713591	-.004350	.0054686	18.97582	.3801798
#2	.0084119	.005472	.0729094	-.003316	.0017636	19.00401	.3822888
#3	.0197244	-.001517	.0709112	-.003437	.0031824	19.11235	.3827301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016483	.0053108	17.46215	.0270017	.0082908	.0278301	28.42373
Stddev	.0001174	.0002421	.04529	.0003928	.0002200	.0008791	.31605
%RSD	7.124169	4.557697	.2593517	1.454844	2.653644	3.158749	1.111907

#1	.0015380	.0055610	17.45135	.0266530	.0084561	.0284391	28.06168
#2	.0017718	.0050778	17.51186	.0274273	.0083752	.0282289	28.56513
#3	.0016350	.0052936	17.42323	.0269248	.0080411	.0268223	28.64439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8056072	4.854328	.0175377	.0010396	.1718869	.0485153	.5123004
Stddev	.0003584	.073758	.0004864	.0001480	.3181346	.0014596	.0128738
%RSD	.0444898	1.519419	2.773558	14.24026	185.0837	3.008598	2.512930

#1	.8059493	4.873228	.0169877	.0009827	.1552519	.0476985	.5220734
#2	.8056379	4.772960	.0177138	.0009285	-.137604	.0476470	.4977134
#3	.8052344	4.916798	.0179114	.0012077	.498013	.0502005	.5171145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.444443	1.152631	-.001219	.0009513	.5392572	1.724489	.0001859
Stddev	.055019	.004685	.001427	.0006294	.0082290	.020781	.0007241
%RSD	3.808980	.4064998	117.0318	66.16043	1.525993	1.205071	389.5260

#1	1.480796	1.157299	-.001801	.0015815	.5443191	1.700766	-.000025
#2	1.471387	1.147928	-.002263	.0003228	.5436903	1.739481	.000992
#3	1.381146	1.152668	.000407	.0009495	.5297620	1.733218	-.000409

Sample Name: M4399-19LX5 Acquired: 11/01/2021 16:41:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA90L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1367318	.0046150	.0189594
Stddev	.0031220	.0008716	.0003711
%RSD	2.283337	18.88521	1.957134

#1	.1346999	.0036533	.0193754
#2	.1403267	.0053527	.0186625
#3	.1351690	.0048390	.0188402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.948	29422.12	4179.742	790.3479	1425.250
Stddev	3.815	58.72	6.982	4.8233	3.007
%RSD	.3379173	.1995926	.1670330	.6102761	.2109744

#1	1124.680	29356.73	4183.208	786.7453	1422.280
#2	1130.139	29439.28	4184.313	795.8275	1428.292
#3	1132.026	29470.35	4171.706	788.4707	1425.178

Sample Name: PB140367BL Acquired: 11/01/2021 16:45:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013278	-.000287	-.002182	-.001884	.0015922	.0028306	-.002195
Stddev	.0038215	.004765	.001817	.008171	.0019089	.0047756	.001238
%RSD	287.8169	1660.816	83.25841	433.8313	119.8912	168.7152	56.40212

#1	-.002657	-.005010	-.003927	-.011267	.0024230	.0074912	-.001401
#2	.004962	-.000370	-.002318	.003668	.0029449	.0030528	-.001562
#3	.001678	.004519	-.000301	.001948	-.000591	-.002052	-.003621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000022	.0000446	.0174276	.0000914	.0002996	.0016314	.0008810
Stddev	.0000750	.0001792	.0171572	.0006107	.0001953	.0012011	.0045874
%RSD	3482.564	401.5752	98.44871	668.1101	65.18649	73.62762	520.6775

#1	.0000749	.0000484	.0271868	.0003803	.0005043	.0013184	.0060670
#2	-.000075	.0002219	-.002383	.0005041	.0001153	.0006177	-.002647
#3	.000006	-.000136	.027479	-.000610	.0002793	.0029580	-.000777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003698	-.026237	.0004560	.0003752	-.107679	-.000746	.0059955
Stddev	.0006411	.023947	.0000367	.0000474	.219305	.003376	.0033095
%RSD	173.3582	91.27213	8.056601	12.62592	203.6668	452.2946	55.19980

#1	-.000246	-.019279	.0004243	.0003308	-.280397	-.003928	.0024955
#2	.000322	-.052893	.0004963	.0004251	-.181697	-.001107	.0064169
#3	.001033	-.006539	.0004474	.0003696	.139059	.002795	.0090742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049417	-.000907	-.009890	.0005244	-.007139	-.000983	-.003469
Stddev	.060058	.006726	.002180	.0001163	.004246	.003031	.000548
%RSD	121.5321	741.4869	22.04302	22.18250	59.47031	308.2542	15.80833

#1	-.042108	.006167	-.012387	.0006580	-.011918	-.000211	-.003981
#2	.006651	-.007222	-.008366	.0004454	-.005700	-.004326	-.002890
#3	-.112795	-.001667	-.008917	.0004699	-.003800	.001587	-.003536

Sample Name: PB140367BL Acquired: 11/01/2021 16:45:05 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS367 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004539	-.005394	-.000257
Stddev	.0006760	.000316	.000080
%RSD	148.9410	5.856842	31.09537

#1	.0003033	-.005097	-.000320
#2	-.000134	-.005359	-.000283
#3	.001193	-.005726	-.000167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1104.353	28700.61	4038.760	771.8061	1409.398
Stddev	2.372	69.47	13.835	.6130	1.974
%RSD	.2147838	.2420592	.3425564	.0794249	.1400728

#1	1106.563	28768.16	4023.478	772.0550	1408.620
#2	1101.846	28704.31	4042.368	772.2555	1407.931
#3	1104.649	28629.36	4050.433	771.1078	1411.642

Sample Name: PB140367BS Acquired: 11/01/2021 16:49:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161044	.0493766	.0172694	.0682143	.1271203	.4063220
Stddev	.0035054	.0030766	.0017614	.0080527	.0011404	.0015005
%RSD	21.76695	6.230982	10.19956	11.80498	.8970655	.3692818

#1	.0130497	.0529287	.0190659	.0590338	.1263398	.4079537
#2	.0153318	.0476561	.0171969	.0740830	.1265922	.4050015
#3	.0199317	.0475452	.0155453	.0715262	.1284290	.4060110

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3814850	.0111792	.0104893	10.57243	.0219742	.1013141
Stddev	.0010023	.0000551	.0000795	.09601	.0007840	.0007495
%RSD	.2627324	.4931500	.7583597	.9081395	3.567651	.7397834

#1	.3810610	.0111561	.0104414	10.48552	.0217473	.1006622
#2	.3807645	.0112421	.0105811	10.55627	.0213287	.1011471
#3	.3826296	.0111394	.0104454	10.67550	.0228466	.1021331

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547896	.2126774	.0336309	10.39121	.0816393	.0210427
Stddev	.0033234	.0164271	.0007603	.01986	.0004200	.0004200
%RSD	6.065736	7.723961	2.260619	.1911594	.5144949	1.996171

#1	.0579566	.1945163	.0336677	10.36828	.0811543	.0214220
#2	.0550830	.2170167	.0343720	10.40257	.0818792	.0205913
#3	.0513293	.2264993	.0328528	10.40279	.0818843	.0211149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32516	.1039166	.1240226	9.993524	.0215667	F .2094566
Stddev	.28478	.0030036	.0055451	.011672	.0029501	.0031330
%RSD	2.758142	2.890360	4.471054	.1167966	13.67916	1.495758

#1	10.59869	.1073509	.1279328	9.981241	.0240801	.2073256
#2	10.34647	.1017802	.1176765	10.00447	.0183186	.2130538
#3	10.03032	.1026188	.1264584	9.99486	.0223014	.2079904

Sample Name: PB140367BS Acquired: 11/01/2021 16:49:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS367 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218233	.1790428	.2081306	F .0083801	.2238537	.0249798
Stddev	.0011603	.0036778	.0011144	.0017138	.0006845	.0008066
%RSD	5.316627	2.054145	.5354209	20.45109	.3057723	3.229160

#1	.0231610	.1757764	.2083636	.0075334	.2230964	.0258407
#2	.0212191	.1830264	.2091100	.0103525	.2240366	.0242414
#3	.0210898	.1783255	.2069181	.0072544	.2244282	.0248575

Elem	Sr4077
Units	ppm
Avg	.2250979
Stddev	.0005322
%RSD	.2364257

#1	.2245304
#2	.2255858
#3	.2251776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1105.075	28773.48	4040.286	777.1093	1429.312
Stddev	2.366	65.31	28.961	3.7257	3.726
%RSD	.2141395	.2269684	.7168089	.4794313	.2606771

#1	1106.073	28719.84	4066.860	780.6558	1427.686
#2	1106.779	28846.21	4009.418	773.2271	1433.574
#3	1102.373	28754.40	4044.580	777.4451	1426.675

Sample Name: M4414-20 Acquired: 11/01/2021 16:53:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497725	.0055782	1.345719	-.004029	.0040190	83.56770	1.629401
Stddev	.0038201	.0029816	.007832	.007341	.0008604	.43441	.005907
%RSD	7.675140	53.45076	.5819815	182.1954	21.40805	.5198291	.3625223

#1	.0453624	.0057345	1.353496	-.009112	.0046486	84.02393	1.636216
#2	.0518950	.0084785	1.337833	-.007362	.0030386	83.52013	1.626235
#3	.0520601	.0025215	1.345827	.004387	.0043697	83.15903	1.625752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133619	.0908899	47.14423	.1465625	.0975026	.2937172	221.8716
Stddev	.0002428	.0006999	.10159	.0005479	.0002895	.0029723	1.7034
%RSD	1.816977	.7700158	.2154804	.3738223	.2968692	1.011942	.7677502

#1	.0132240	.0904054	47.19357	.1462724	.0971694	.2967226	223.6102
#2	.0136422	.0905720	47.02740	.1462207	.0976467	.2936497	221.7987
#3	.0132195	.0916923	47.21173	.1471945	.0976918	.2907793	220.2057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.201276	22.80268	.2059382	.0052642	1.449781	.2809421	9.359372
Stddev	.008089	.11758	.0009187	.0007227	.212531	.0036727	.060561
%RSD	.0986357	.5156362	.4461241	13.72871	14.65955	1.307294	.6470582

#1	8.210362	22.93122	.2050978	.0056409	1.236657	.2811035	9.364852
#2	8.194857	22.77626	.2057976	.0057207	1.450970	.2771914	9.296257
#3	8.198609	22.70056	.2069191	.0044310	1.661714	.2845315	9.417006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.203616	5.082103	.0394592	.0098799	3.339302	7.151480	.0301425
Stddev	.053668	.020121	.0062427	.0014747	.007056	.031981	.0004553
%RSD	.6541989	.3959284	15.82059	14.92620	.2113115	.4471926	1.510571

#1	8.263161	5.072621	.0463032	.0112575	3.346107	7.183251	.0296231
#2	8.158976	5.068474	.0379971	.0083243	3.332018	7.151897	.0303319
#3	8.188711	5.105213	.0340773	.0100579	3.339780	7.119293	.0304726

Sample Name: M4414-20 Acquired: 11/01/2021 16:53:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.326689	.0660807	-.076055
Stddev	.005943	.0028346	.001106
%RSD	.4479655	4.289580	1.453876

#1	1.330849	.0693419	-.076980
#2	1.329336	.0642089	-.076355
#3	1.319882	.0646913	-.074831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.649	33405.75	4752.152	900.2850	1429.175
Stddev	2.844	150.24	28.033	6.0004	3.590
%RSD	.2232783	.4497282	.5899033	.6664979	.2511832

#1	1273.859	33567.73	4719.836	901.3050	1430.351
#2	1276.382	33378.55	4766.683	905.7100	1432.029
#3	1270.706	33270.98	4769.936	893.8400	1425.144

Sample Name: M4414-21 Acquired: 11/01/2021 16:57:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439580	-.003070	1.300804	.0004967	.0052866	84.16360	1.615505
Stddev	.0030320	.004005	.002840	.0002517	.0033590	.38788	.002023
%RSD	6.897403	130.4493	.2183268	50.66692	63.53785	.4608624	.1251971

#1	.0436952	.000719	1.301600	.0004222	.0033097	83.72509	1.613783
#2	.0471129	-.002668	1.297650	.0002907	.0091651	84.46179	1.617732
#3	.0410661	-.007261	1.303160	.0007772	.0033852	84.30392	1.615000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130305	.0890868	45.89302	.1474759	.0972614	.2909357	220.8880
Stddev	.0002133	.0006595	.01314	.0019017	.0011169	.0021814	1.8467
%RSD	1.636576	.7402934	.0286263	1.289474	1.148370	.7497736	.8360356

#1	.0129976	.0898467	45.90299	.1461671	.0972577	.2915185	218.8151
#2	.0128356	.0886641	45.89793	.1496572	.0983802	.2885222	222.3577
#3	.0132583	.0887495	45.87813	.1466032	.0961463	.2927665	221.4913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.101130	22.95553	.2056689	.0050767	1.451141	.2793884	9.266934
Stddev	.005907	.19896	.0008313	.0004335	.171207	.0039461	.071748
%RSD	.0729106	.8667272	.4042065	8.539481	11.79810	1.412425	.7742354

#1	8.106943	22.72824	.2060189	.0045782	1.540518	.2781911	9.240350
#2	8.101312	23.09817	.2062680	.0052868	1.253741	.2837945	9.348180
#3	8.095134	23.04018	.2047198	.0053653	1.559163	.2761796	9.212273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.238342	4.927278	.0359344	.0095415	3.175115	7.018424	.0284959
Stddev	.047744	.024366	.0053920	.0001944	.016292	.077759	.0015306
%RSD	.5795329	.4945076	15.00503	2.037074	.5131235	1.107928	5.371245

#1	8.203635	4.953450	.0363891	.0097340	3.186503	6.940704	.0267319
#2	8.292791	4.905251	.0410846	.0093453	3.156453	7.018345	.0294714
#3	8.218602	4.923133	.0303295	.0095453	3.182389	7.096222	.0292845

Sample Name: M4414-21 Acquired: 11/01/2021 16:57:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA44D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305235	.0677008	-.077054
Stddev	.007231	.0001958	.001232
%RSD	.5540175	.2892178	1.598314

#1	1.297243	.0676053	-.075682
#2	1.307138	.0679260	-.078064
#3	1.311325	.0675710	-.077416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1273.394	33236.58	4724.064	898.2452	1430.355
Stddev	1.721	182.33	24.649	5.8640	1.101
%RSD	.1351124	.5485907	.5217688	.6528230	.0770062

#1	1273.228	33445.73	4751.450	902.7197	1431.626
#2	1271.763	33111.05	4717.083	891.6068	1429.760
#3	1275.191	33152.97	4703.658	900.4091	1429.680

Sample Name: M4414-22 Acquired: 11/01/2021 17:01:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1151727	.1013782	1.439495	.1605641	.0557398	100.0828	5.568109
Stddev	.0071319	.0065114	.002798	.0083390	.0011159	.5081	.014561
%RSD	6.192387	6.422842	.1943878	5.193586	2.002027	.5077092	.2615001

#1	.1072386	.1024124	1.436680	.1509378	.0561057	99.5163	5.576999
#2	.1210509	.0944117	1.442276	.1651763	.0566268	100.2336	5.576022
#3	.1172286	.1073106	1.439531	.1655781	.0544868	100.4985	5.551305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102283	.2064174	39.56151	.5858585	1.181426	.7640699	275.3132
Stddev	.0010853	.0007684	.12291	.0005914	.001222	.0032691	2.1692
%RSD	.9845702	.3722525	.3106792	.1009544	.1034043	.4278541	.7879187

#1	.1091353	.2055846	39.60203	.5863872	1.180645	.7676334	273.1908
#2	.1102440	.2065688	39.65904	.5852198	1.182834	.7633667	275.2223
#3	.1113057	.2070988	39.42345	.5859685	1.180800	.7612096	277.5264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07040	23.55178	1.311618	.0964957	1.522733	1.280242	10.78919
Stddev	.01742	.26735	.002896	.0004801	.257206	.007927	.07134
%RSD	.1730106	1.135156	.2207828	.4975826	16.89109	.6192042	.6611728

#1	10.07932	23.31081	1.308426	.0959414	1.595690	1.275626	10.86965
#2	10.08155	23.50516	1.312349	.0967839	1.735578	1.275705	10.76424
#3	10.05032	23.83937	1.314078	.0967617	1.236929	1.289396	10.73368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.731157	5.384236	.0267927	.0108591	2.596467	7.488094	.0471544
Stddev	.084249	.027693	.0024297	.0005172	.014521	.074271	.0069286
%RSD	.8657631	.5143388	9.068560	4.763060	.5592700	.9918541	14.69333

#1	9.640686	5.354349	.0279552	.0108376	2.579700	7.410037	.0432326
#2	9.807362	5.389334	.0240001	.0113867	2.604977	7.496359	.0430763
#3	9.745423	5.409027	.0284227	.0103530	2.604724	7.557887	.0551543

Sample Name: M4414-22 Acquired: 11/01/2021 17:01:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.866071	.0748688	-.129867
Stddev	.011077	.0011583	.001657
%RSD	.5935894	1.547077	1.276250

#1	1.854487	.0735989	-.128427
#2	1.867165	.0751403	-.129496
#3	1.876560	.0758672	-.131679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.221	33237.00	4740.798	888.8764	1395.586
Stddev	1.851	119.29	43.767	5.4830	3.534
%RSD	.1466226	.3589102	.9232044	.6168503	.2532373

#1	1264.343	33110.23	4778.483	882.5505	1399.306
#2	1261.378	33253.70	4751.120	892.2655	1392.272
#3	1260.942	33347.06	4692.793	891.8131	1395.181

Sample Name: M4414-20LX5 Acquired: 11/01/2021 17:05:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104667	.0005750	.2629517	.0001435	.0047469	18.01165	.3532574
Stddev	.0038043	.0003733	.0015579	.0025823	.0026052	.09417	.0013449
%RSD	36.34673	64.91862	.5924725	1799.928	54.88240	.5228207	.3807226

#1	.0070436	.0002479	.2630220	-.001184	.0073441	17.91731	.3527544
#2	.0097940	.0009816	.2644733	-.001505	.0047626	18.01201	.3522366
#3	.0145625	.0004955	.2613598	.003119	.0021338	18.10565	.3547814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030500	.0177804	10.34451	.0314811	.0184562	.0649044	48.68579
Stddev	.0001221	.0001136	.03434	.0003876	.0006387	.0017983	.29688
%RSD	4.002276	.6386384	.3319343	1.231116	3.460547	2.770723	.6097902

#1	.0029537	.0176492	10.30684	.0310651	.0190416	.0662194	48.43984
#2	.0030091	.0178447	10.35260	.0315462	.0177750	.0628551	48.60196
#3	.0031873	.0178471	10.37407	.0318319	.0185520	.0656386	49.01557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792925	4.843406	.0404883	.0013879	-.086394	.0620871	2.048413
Stddev	.003483	.048763	.0007518	.0003068	.307238	.0023999	.002064
%RSD	.1942854	1.006796	1.856817	22.10798	355.6237	3.865389	.1007815

#1	1.788961	4.898940	.0404507	.0014570	-.398527	.0605917	2.046504
#2	1.794316	4.807583	.0412581	.0010524	.215702	.0608143	2.048132
#3	1.795498	4.823697	.0397559	.0016543	-.076357	.0648553	2.050604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.625473	.9915696	.0051023	.0020542	.6632332	1.567408	.0020420
Stddev	.053087	.0105703	.0016126	.0004433	.0060503	.012456	.0008704
%RSD	3.265963	1.066020	31.60532	21.58131	.9122440	.7946705	42.62662

#1	1.683758	.9852561	.0046853	.0022780	.6604455	1.556424	.0029680
#2	1.612777	1.003773	.0068824	.0015436	.6701748	1.580941	.0019175
#3	1.579885	.985680	.0037391	.0023409	.6590792	1.564859	.0012405

Sample Name: M4414-20LX5 Acquired: 11/01/2021 17:05:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA44L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2911352	.0099679	-.016624
Stddev	.0020437	.0019031	.000253
%RSD	.7019582	19.09279	1.520940
#1	.2899507	.0105541	-.016333
#2	.2899600	.0078406	-.016763
#3	.2934950	.0115089	-.016778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.653	29552.50	4212.880	798.1174	1427.832
Stddev	2.561	76.91	23.433	1.6575	3.941
%RSD	.2251142	.2602391	.5562264	.2076785	.2760048
#1	1135.532	29483.14	4238.854	796.2490	1427.212
#2	1136.928	29635.21	4206.460	798.6924	1424.238
#3	1140.498	29539.15	4193.326	799.4109	1432.046

Sample Name: CCV084 Acquired: 11/01/2021 17:09:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.987740	4.878945	25.07074	4.783526	4.860955	400.6583	10.00467
Stddev	.010157	.007651	.02100	.034239	.010377	.7775	.02301
%RSD	.2036407	.1568168	.0837453	.7157631	.2134678	.1940540	.2300410

#1	4.989975	4.870145	25.08319	4.745275	4.849509	401.4171	10.01024
#2	4.996593	4.882668	25.08253	4.811308	4.869746	400.6944	10.02440
#3	4.976651	4.884022	25.04650	4.793995	4.863611	399.8634	9.97939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4952081	2.436635	397.1266	15.14337	2.458739	15.02470	403.4732
Stddev	.0030667	.000951	1.3360	.03667	.002800	.03844	1.3072
%RSD	.6192747	.0390233	.3364160	.2421508	.1138610	.2558358	.3239778

#1	.4939933	2.437232	397.2339	15.10935	2.456426	15.05670	404.5102
#2	.4986961	2.437136	398.4057	15.13854	2.461851	15.03533	403.9046
#3	.4929349	2.435539	395.7402	15.18221	2.457941	14.98207	402.0049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68556	398.0956	2.417035	1.281455	402.0177	2.450755	15.14408
Stddev	.04484	.5173	.003430	.001936	.2257	.009842	.09241
%RSD	.3053409	.1299431	.1419225	.1510833	.0561416	.4016062	.6101957

#1	14.72805	398.4065	2.419038	1.279634	402.2771	2.462092	15.24492
#2	14.68994	398.3817	2.418993	1.281241	401.8662	2.445765	15.12390
#3	14.63869	397.4984	2.413074	1.283489	401.9098	2.444406	15.06343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.4612	5.113275	5.029499	4.920401	5.056023	5.012604	4.861944
Stddev	.3407	.005764	.040487	.020112	.020149	.035239	.014028
%RSD	.2234828	.1127248	.8049993	.4087393	.3985204	.7030111	.2885163

#1	152.6863	5.109553	5.041075	4.897290	5.049490	5.014737	4.863519
#2	152.6281	5.119915	5.062938	4.933923	5.039950	5.046728	4.875118
#3	152.0692	5.110358	4.984484	4.929991	5.078628	4.976347	4.847196

Sample Name: CCV084 Acquired: 11/01/2021 17:09:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.131085	5.091101	4.855034
Stddev	.008900	.011504	.014511
%RSD	.1734466	.2259638	.2988843

#1	5.133830	5.081423	4.862163
#2	5.138289	5.103820	4.864601
#3	5.121136	5.088059	4.838337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	969.0297	26925.92	3961.026	678.5875	1183.339
Stddev	1.6337	108.61	29.917	3.1207	2.950
%RSD	.1685924	.4033663	.7552841	.4598751	.2492915

#1	970.0446	26934.79	3957.883	675.2098	1180.547
#2	967.1451	26813.15	3932.804	679.1891	1183.044
#3	969.8994	27029.83	3992.390	681.3636	1186.425

Sample Name: CCB084 Acquired: 11/01/2021 17:13:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005694	.0002889	-.002132	.0043428	.0039730	.0014234	-.003554
Stddev	.006249	.0030987	.001333	.0064860	.0001882	.0063452	.001047
%RSD	109.7477	1072.518	62.54245	149.3486	4.736399	445.7706	29.45942

#1	.000565	.0028474	-.003346	.0109951	.0038170	-.002335	-.004741
#2	-.005713	.0011759	-.002344	-.001963	.0039200	-.002144	-.003158
#3	-.011933	-.003157	-.000705	.003996	.0041820	.008749	-.002763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000089	-.000083	.0154564	.0001416	.0002432	.0011488	-.011300
Stddev	.0000493	.000072	.0115438	.0002116	.0003431	.0038865	.013982
%RSD	554.3748	87.34541	74.68652	149.4452	141.0831	338.3079	123.7415

#1	-.000039	-.000156	.0287837	.0000081	.0001943	.0025626	-.026585
#2	.000006	-.000012	.0085785	.0003855	-.000073	-.003247	.000846
#3	.000060	-.000079	.0090069	.0000311	.000608	.004130	-.008160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001950	-.061212	-.000106	.0007976	-.101690	-.000440	.0040217
Stddev	.0001163	.039540	.000759	.0001386	.165868	.004144	.0024354
%RSD	59.61672	64.59449	716.1208	17.37143	163.1119	941.0120	60.55641

#1	.0001471	-.028948	.000725	.0006550	-.069422	-.004943	.0015527
#2	.0003276	-.049369	-.000765	.0008062	-.281322	.003213	.0040904
#3	.0001104	-.105320	-.000278	.0009317	.045673	.000409	.0064221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045601	-.000699	.0040428	.0011565	-.013975	-.000355	-.001934
Stddev	.051477	.001668	.0020806	.0006558	.006931	.000911	.001868
%RSD	112.8851	238.4704	51.46457	56.70405	49.59279	256.5626	96.59776

#1	-.091116	-.002433	.0064452	.0013391	-.006012	-.000564	-.004067
#2	-.055950	-.000559	.0028574	.0017017	-.018642	.000642	-.000595
#3	.010264	.000894	.0028257	.0004288	-.017272	-.001143	-.001138

Sample Name: CCB084 Acquired: 11/01/2021 17:13:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008270	-.004996	-.000131
Stddev	.0004822	.001143	.000019
%RSD	58.30458	22.87612	14.55710

#1	.0009396	-.005257	-.000109
#2	.0012428	-.003745	-.000140
#3	.0002985	-.005985	-.000144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1106.708	28799.71	4059.479	775.3766	1413.185
Stddev	3.316	103.27	20.276	3.3237	3.370
%RSD	.2996382	.3585835	.4994761	.4286580	.2384457

#1	1107.442	28912.14	4036.509	776.0935	1416.812
#2	1109.595	28777.90	4067.039	778.2834	1412.592
#3	1103.086	28709.08	4074.889	771.7530	1410.152

Sample Name: M4397-14 Acquired: 11/01/2021 17:17:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611165	-.001807	1.463337	-.004238	.0043159	86.34245	1.612732
Stddev	.0042946	.002267	.005503	.008817	.0021079	.29778	.003841
%RSD	7.026953	125.4405	.3760490	208.0585	48.84021	.3448833	.2381798

#1	.0660131	-.003219	1.457034	-.008973	.0066110	86.21771	1.617102
#2	.0579889	.000808	1.465790	-.009676	.0024664	86.68231	1.611204
#3	.0593476	-.003010	1.467187	.005935	.0038704	86.12732	1.609889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103864	.0538962	69.16042	.1633985	.0882874	.2577361	205.4906
Stddev	.0002529	.0002118	.20902	.0008473	.0012048	.0042424	1.3960
%RSD	2.434868	.3928794	.3022178	.5185814	1.364607	1.646026	.6793433

#1	.0102496	.0538674	69.38044	.1639995	.0887297	.2569053	204.4734
#2	.0106782	.0537003	69.13633	.1624293	.0869240	.2623325	207.0821
#3	.0102315	.0541209	68.96450	.1637665	.0892085	.2539706	204.9162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.023780	26.63262	.2316378	.0059200	1.306910	.2835231	7.653348
Stddev	.013787	.18717	.0002945	.0005231	.216633	.0025318	.014928
%RSD	.2744422	.7027749	.1271412	8.836917	16.57600	.8929843	.1950485

#1	5.019577	26.59974	.2318008	.0059212	1.176196	.2807555	7.667458
#2	5.039180	26.83405	.2312979	.0064425	1.187562	.2857227	7.654869
#3	5.012583	26.46407	.2318148	.0053962	1.556970	.2840912	7.637719

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08608	7.492156	.0027432	.0079743	2.753282	13.69384	.0239171
Stddev	.09689	.017207	.0027427	.0004351	.017965	.04491	.0022095
%RSD	.8739815	.2296722	99.98168	5.456819	.6524768	.3279894	9.238371

#1	11.07637	7.511234	.0022786	.0076907	2.755158	13.66903	.0214285
#2	11.18747	7.477808	.0056884	.0077567	2.770235	13.74569	.0246745
#3	10.99442	7.487427	.0002624	.0084753	2.734453	13.66681	.0256484

Sample Name: M4397-14 Acquired: 11/01/2021 17:17:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7115179	.0667489	-.004771
Stddev	.0043767	.0014077	.000930
%RSD	.6151252	2.109030	19.49544

#1	.7077193	.0651234	-.003865
#2	.7163040	.0675653	-.005724
#3	.7105303	.0675580	-.004725

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1250.587	32673.04	4670.448	879.8334	1410.357
Stddev	2.432	57.72	20.812	1.4942	2.340
%RSD	.1944768	.1766537	.4456159	.1698304	.1659501

#1	1252.190	32620.68	4687.010	878.1431	1410.038
#2	1247.788	32734.93	4647.086	880.9780	1412.840
#3	1251.782	32663.50	4677.248	880.3792	1408.192

Sample Name: M4397-15 Acquired: 11/01/2021 17:21:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614262	-.005584	.4190162	.0007869	.0028586	77.76536	1.655851
Stddev	.0131763	.007027	.0026171	.0023328	.0022814	.35285	.002201
%RSD	21.45058	125.8275	.6245787	296.4652	79.80995	.4537370	.1329121

#1	.0636677	.002522	.4190903	.0002862	.0054867	77.95229	1.653497
#2	.0733380	-.009340	.4163629	-.001255	.0013873	77.35837	1.656199
#3	.0472730	-.009935	.4215955	.003329	.0017017	77.98542	1.657858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067656	.0298907	50.20782	.1257305	.0662885	.1406017	139.4477
Stddev	.0002153	.0000837	.02020	.0001859	.0004678	.0040259	1.4442
%RSD	3.181998	.2799329	.0402375	.1478363	.7057144	2.863307	1.035653

#1	.0069983	.0299680	50.19138	.1259261	.0668202	.1397370	140.3290
#2	.0067250	.0299022	50.20170	.1257094	.0661050	.1370785	137.7810
#3	.0065734	.0298019	50.23037	.1255561	.0659402	.1449897	140.2330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865901	21.06131	.1157127	.0032573	.9200006	.2151043	3.430414
Stddev	.009693	.16994	.0013284	.0002846	.2696286	.0026817	.032657
%RSD	.1992004	.8068797	1.147971	8.738509	29.30743	1.246689	.9519893

#1	4.855476	21.16555	.1172426	.0035081	1.046289	.2128910	3.413216
#2	4.874640	20.86521	.1148528	.0029480	1.103307	.2143355	3.409951
#3	4.867587	21.15317	.1150427	.0033159	.610406	.2180864	3.468077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.876319	5.356691	.0005428	.0026400	1.964995	12.15763	.0058532
Stddev	.097195	.008009	.0048511	.0007278	.023937	.17827	.0013120
%RSD	1.654011	.1495184	893.6473	27.56951	1.218168	1.466343	22.41423

#1	5.895546	5.364785	-.003137	.0019781	1.976403	12.36274	.0057998
#2	5.770947	5.356519	-.001274	.0025225	1.937488	12.07026	.0045688
#3	5.962463	5.348769	.006040	.0034195	1.981094	12.03990	.0071911

Sample Name: M4397-15 Acquired: 11/01/2021 17:21:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Y7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.067551	.0455892	.0255399
Stddev	.007700	.0018576	.0014853
%RSD	.7213206	4.074619	5.815416

#1	1.073398	.0469833	.0247495
#2	1.058826	.0434804	.0272532
#3	1.070428	.0463039	.0246169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.300	32774.85	4658.625	882.2987	1432.888
Stddev	1.499	95.11	45.257	6.5654	1.992
%RSD	.1192415	.2902021	.9714724	.7441241	.1389972

#1	1255.959	32833.67	4606.516	889.1096	1435.127
#2	1257.022	32665.12	4681.253	876.0100	1432.222
#3	1258.919	32825.77	4688.105	881.7765	1431.315

Sample Name: M4397-16 Acquired: 11/01/2021 17:25:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1058480	-.007018	2.152094	.0043287	.0052459	86.63206
Stddev	.0057940	.004453	.004348	.0017907	.0013285	.31758
%RSD	5.473929	63.45301	.2020390	41.36856	25.32410	.3665849

#1	.1000856	-.003283	2.153001	.0050779	.0067661	86.43481
#2	.1116732	-.005826	2.147364	.0056231	.0046636	86.99841
#3	.1057851	-.011946	2.155917	.0022851	.0043080	86.46297

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.930374	.0104510	.0788974	132.5435	.1710526	.0676491
Stddev	.005076	.0002225	.0002787	.1135	.0001437	.0006457
%RSD	.2629518	2.129168	.3531797	.0856231	.0839957	.9545515

#1	1.933814	.0103933	.0791398	132.6541	.1709549	.0671583
#2	1.932763	.0106966	.0785930	132.5490	.1709854	.0674085
#3	1.924544	.0102630	.0789593	132.4273	.1712176	.0683807

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3938893	193.1553	5.571856	22.64716	.1612916	.0055078
Stddev	.0028923	1.4960	.011848	.20771	.0014950	.0003853
%RSD	.7342854	.7745197	.2126435	.9171541	.9268654	6.995013

#1	.3940756	192.4470	5.563821	22.59862	.1624773	.0054185
#2	.3909085	194.8739	5.566284	22.87485	.1596123	.0051750
#3	.3966840	192.1450	5.585463	22.46803	.1617853	.0059298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.410303	.2523660	11.41789	15.62099	F 15.97221	.0569553
Stddev	.125720	.0051207	.09731	.06491	.02464	.0025288
%RSD	8.914421	2.029071	.8522371	.4155324	.1542549	4.439893

#1	1.325270	.2480194	11.40977	15.55486	15.99774	.0540815
#2	1.554715	.2580109	11.51900	15.68461	15.97031	.0579441
#3	1.350924	.2510678	11.32489	15.62350	15.94858	.0588403

Sample Name: M4397-16 Acquired: 11/01/2021 17:25:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212856	6.138882	12.04110	.0359944	1.042547	.0570742
Stddev	.0005814	.018468	.01480	.0035232	.009018	.0005787
%RSD	2.731570	.3008317	.1229304	9.788197	.8650203	1.014024

#1	.0208119	6.156353	12.05053	.0320811	1.037345	.0564152
#2	.0219345	6.119557	12.04873	.0369881	1.052960	.0573074
#3	.0211104	6.140735	12.02404	.0389141	1.037335	.0574999

Elem	Sr4077
Units	ppm
Avg	.1027637
Stddev	.0010393
%RSD	1.011305

#1	.1033118
#2	.1015651
#3	.1034142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.335	32846.86	4737.422	877.8793	1401.852
Stddev	2.158	122.39	9.532	6.8361	4.164
%RSD	.1730312	.3726163	.2012120	.7787115	.2970554

#1	1245.658	32931.44	4732.116	873.1583	1397.104
#2	1246.577	32706.51	4731.724	874.7610	1404.882
#3	1249.770	32902.62	4748.427	885.7186	1403.571

Sample Name: M4397-17 Acquired: 11/01/2021 17:29:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1184195	-.003603	1.376576	-.002654	.0089703	96.65510
Stddev	.0072747	.007789	.003411	.009402	.0021674	.23838
%RSD	6.143169	216.1512	.2477902	354.2031	24.16250	.2466331

#1	.1101533	-.012452	1.378936	-.000519	.0068470	96.55226
#2	.1238462	.002213	1.378126	-.012940	.0088846	96.48540
#3	.1212590	-.000571	1.372665	.005497	.0111793	96.92764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.827009	.0134343	.0793497	88.30400	.1772547	.0731099
Stddev	.002802	.0001849	.0003283	.19795	.0002752	.0007485
%RSD	.1533650	1.376168	.4137112	.2241740	.1552649	1.023731

#1	1.823832	.0135165	.0794567	88.07919	.1770272	.0723490
#2	1.828065	.0135638	.0796111	88.38061	.1771763	.0731355
#3	1.829129	.0132226	.0789813	88.45219	.1775606	.0738452

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3263061	186.9911	6.294155	19.31265	.1786221	.0056638
Stddev	.0018366	.8943	.010801	.13012	.0004803	.0009762
%RSD	.5628557	.4782316	.1716066	.6737672	.2689060	17.23640

#1	.3267301	186.5782	6.286754	19.18533	.1780848	.0057842
#2	.3242945	186.3779	6.306550	19.30720	.1790099	.0046330
#3	.3278936	188.0172	6.289163	19.44540	.1787717	.0065743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.641766	.2881340	10.97157	13.80287	F 11.62394	.2439324
Stddev	.219457	.0054486	.13052	.10699	.02942	.0012161
%RSD	8.307204	1.890988	1.189656	.7751140	.2530684	.4985313

#1	2.818869	.2936169	10.95757	13.68368	11.65774	.2452799
#2	2.396252	.2827204	10.84861	13.83430	11.61000	.2429165
#3	2.710178	.2880645	11.10853	13.89062	11.60409	.2436007

Sample Name: M4397-17 Acquired: 11/01/2021 17:29:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246812	4.541027	13.15516	.0557896	1.133500	.0608085
Stddev	.0007937	.019890	.04309	.0070037	.005594	.0003066
%RSD	3.215677	.4380050	.3275140	12.55374	.4935473	.5041166

#1	.0237796	4.551707	13.10931	.0510473	1.129539	.0609988
#2	.0249902	4.553295	13.19481	.0638339	1.131060	.0609719
#3	.0252740	4.518078	13.16137	.0524878	1.139899	.0604549

Elem	Sr4077
Units	ppm
Avg	.0463193
Stddev	.0010132
%RSD	2.187451

#1	.0463985
#2	.0472906
#3	.0452688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.590	33539.90	4789.901	903.1209	1415.631
Stddev	3.132	210.14	23.664	3.9334	2.284
%RSD	.2437749	.6265460	.4940419	.4355384	.1613074

#1	1287.149	33778.49	4812.468	904.5627	1415.746
#2	1281.098	33458.89	4765.275	906.1300	1413.292
#3	1285.522	33382.32	4791.960	898.6700	1417.855

Sample Name: M4397-18 Acquired: 11/01/2021 17:33:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816637	-.006046	.5830773	.0031366	.0030588	82.52148	1.446332
Stddev	.0080788	.003485	.0044011	.0024606	.0008155	.09451	.004111
%RSD	9.892784	57.65049	.7547991	78.44791	26.66193	.1145277	.2842161

#1	.0891401	-.010070	.5854000	.0037831	.0039969	82.54292	1.444159
#2	.0730939	-.004007	.5858304	.0004173	.0025190	82.60342	1.451073
#3	.0827572	-.004060	.5780015	.0052094	.0026604	82.41809	1.443765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086143	.0439598	58.24491	.1259194	.0436335	.2085152	133.9678
Stddev	.0000767	.0001008	.17056	.0010117	.0005761	.0013457	.7469
%RSD	.8903747	.2291870	.2928347	.8034182	1.320217	.6453888	.5575350

#1	.0086689	.0440315	58.21697	.1251751	.0440082	.2100511	134.7948
#2	.0085266	.0438446	58.42772	.1270713	.0439221	.2075427	133.7662
#3	.0086474	.0440033	58.09005	.1255118	.0429702	.2079519	133.3423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.456610	16.72562	.1125226	.0035726	.7937777	.2142391	5.789554
Stddev	.014255	.08800	.0004782	.0004888	.2845951	.0037955	.050186
%RSD	.4123909	.5261169	.4249774	13.68265	35.85325	1.771607	.8668446

#1	3.450398	16.81298	.1128979	.0038359	.4956771	.2169331	5.820230
#2	3.472917	16.63700	.1119842	.0038733	1.062604	.2158860	5.731638
#3	3.446516	16.72688	.1126857	.0030086	.823051	.2098984	5.816795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.55912	7.744918	.0553360	.0065058	3.494165	14.24479	.0328064
Stddev	.01015	.022319	.0024766	.0002322	.014335	.08189	.0001673
%RSD	.0878399	.2881776	4.475524	3.568817	.4102619	.5748595	.5100612

#1	11.55826	7.721633	.0581956	.0066229	3.477796	14.29682	.0326598
#2	11.54942	7.746996	.0538791	.0062384	3.500214	14.28716	.0327707
#3	11.56967	7.766126	.0539334	.0066560	3.504484	14.15040	.0329887

Sample Name: M4397-18 Acquired: 11/01/2021 17:33:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7415030	.0490623	.0402309
Stddev	.0027323	.0018826	.0007771
%RSD	.3684828	3.837131	1.931677

#1	.7444469	.0506042	.0393598
#2	.7410135	.0496185	.0404798
#3	.7390485	.0469643	.0408531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.778	33047.80	4675.290	891.5202	1429.562
Stddev	4.254	48.08	19.187	7.6857	.713
%RSD	.3365765	.1454947	.4103833	.8620882	.0498423

#1	1264.466	33081.95	4653.306	893.2600	1430.055
#2	1267.646	33068.64	4683.900	898.1869	1429.885
#3	1259.223	32992.81	4688.662	883.1138	1428.745

Sample Name: M4397-19 Acquired: 11/01/2021 17:37:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672211	-.006578	.1825614	.0014547	.0041841	109.7963	2.072967
Stddev	.0077938	.003560	.0022865	.0024546	.0032112	.3464	.006019
%RSD	11.59429	54.12348	1.252431	168.7292	76.74764	.3155076	.2903465

#1	.0733160	-.002588	.1849282	-.000998	.0014974	110.1565	2.076290
#2	.0699079	-.007717	.1803648	.001451	.0077406	109.4656	2.076591
#3	.0584393	-.009429	.1823914	.003911	.0033143	109.7667	2.066019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080031	.0099619	54.57685	.1537548	.0914885	.1158934	164.1035
Stddev	.0002922	.0002179	.14788	.0002916	.0005251	.0032173	.9006
%RSD	3.651134	2.187344	.2709663	.1896517	.5739937	2.776079	.5488044

#1	.0081619	.0097232	54.73238	.1534618	.0908868	.1121812	164.8439
#2	.0076659	.0101501	54.56016	.1540450	.0917246	.1176245	163.1008
#3	.0081816	.0100125	54.43803	.1537577	.0918542	.1178745	164.3657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.167533	22.96354	.1547576	.0037248	3.090749	.2443597	1.317427
Stddev	.013910	.05650	.0010136	.0003047	.200268	.0009693	.008108
%RSD	.1940736	.2460602	.6549731	8.180670	6.479609	.3966829	.6154689

#1	7.181324	23.02581	.1558339	.0037124	2.866671	.2454088	1.308077
#2	7.167766	22.91554	.1538212	.0034264	3.153296	.2434972	1.322522
#3	7.153507	22.94927	.1546176	.0040355	3.252279	.2441732	1.321683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27953	5.856119	.0109561	.0046384	2.318818	17.44848	.0063264
Stddev	.04714	.004167	.0035708	.0012140	.021542	.19959	.0013354
%RSD	.4586081	.0711505	32.59233	26.17267	.9290087	1.143888	21.10886

#1	10.32259	5.854152	.0107046	.0050236	2.341198	17.56719	.0057075
#2	10.22916	5.853299	.0146460	.0032785	2.317030	17.21805	.0078590
#3	10.28686	5.860905	.0075176	.0056130	2.298225	17.56020	.0054127

Sample Name: M4397-19 Acquired: 11/01/2021 17:37:41 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6810285	.0611530	.0028497
Stddev	.0055352	.0014184	.0004317
%RSD	.8127678	2.319409	15.15020

#1	.6859775	.0595178	.0027008
#2	.6750513	.0620507	.0033362
#3	.6820568	.0618904	.0025122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.951	33922.68	4852.818	914.6216	1416.113
Stddev	2.059	91.58	49.475	1.4296	2.435
%RSD	.1584257	.2699737	1.019506	.1563101	.1719282

#1	1299.790	33950.60	4796.434	913.2561	1413.424
#2	1297.977	33820.39	4888.973	914.5010	1418.167
#3	1302.086	33997.06	4873.046	916.1078	1416.748

Sample Name: M4398-01 Acquired: 11/01/2021 17:41:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439894	-.007197	.4752988	-.001553	.0034120	96.56489	1.917054
Stddev	.0028552	.006033	.0027182	.006035	.0032768	.45749	.010998
%RSD	6.490556	83.83191	.5719021	388.7055	96.03638	.4737689	.5736824

#1	.0454596	-.014163	.4758175	.005364	.0065688	96.09555	1.908299
#2	.0458099	-.003723	.4777203	-.004277	.0036400	97.00953	1.929398
#3	.0406988	-.003704	.4723586	-.005745	.0000272	96.58960	1.913464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085478	.0440993	88.66877	.2469092	.0958685	.2076897	178.8769
Stddev	.0001127	.0001913	.21868	.0007643	.0003253	.0031663	.7812
%RSD	1.318692	.4338550	.2466229	.3095590	.3392901	1.524516	.4367513

#1	.0086001	.0441527	88.44973	.2465851	.0956560	.2081012	178.7688
#2	.0086248	.0438869	88.88709	.2477821	.0962430	.2106300	178.1554
#3	.0084184	.0442582	88.66950	.2463602	.0957066	.2043378	179.7066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.850358	35.05665	.2035715	.0059925	1.324467	.2572247	4.332817
Stddev	.023387	.19685	.0006810	.0002877	.216072	.0050171	.038679
%RSD	.3414049	.5615236	.3345210	4.801771	16.31387	1.950490	.8926943

#1	6.823804	34.89111	.2043346	.0057375	1.075024	.2516559	4.366690
#2	6.867893	35.00451	.2030255	.0063045	1.444642	.2613923	4.341089
#3	6.859378	35.27432	.2033545	.0059355	1.453736	.2586259	4.290671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.126659	5.193753	-.007962	.0042424	2.098683	11.59130	.0146130
Stddev	.101930	.008240	.001604	.0000951	.010282	.05647	.0015521
%RSD	1.254267	.1586458	20.14674	2.240696	.4899479	.4871985	10.62140

#1	8.008971	5.196450	-.006240	.0043366	2.097904	11.55584	.0147709
#2	8.184162	5.184503	-.009414	.0042442	2.109332	11.56164	.0160801
#3	8.186844	5.200306	-.008230	.0041465	2.088812	11.65642	.0129880

Sample Name: M4398-01 Acquired: 11/01/2021 17:41:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9365561	.0711312	.1626842
Stddev	.0041213	.0025115	.0013327
%RSD	.4400462	3.530779	.8191896

#1	.9327688	.0736923	.1618378
#2	.9359543	.0710288	.1642204
#3	.9409452	.0686725	.1619944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.491	33030.13	4662.395	881.5302	1396.405
Stddev	2.456	135.73	31.570	4.4460	3.690
%RSD	.1960875	.4109415	.6771212	.5043471	.2642364

#1	1249.810	32929.98	4676.422	878.7906	1392.305
#2	1254.633	33184.61	4684.520	879.1400	1399.460
#3	1253.029	32975.79	4626.242	886.6600	1397.448

Sample Name: M4398-02 Acquired: 11/01/2021 17:45:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556765	-.006439	.5402180	.0027016	.0049578	117.8742	1.865193
Stddev	.0065844	.003950	.0059519	.0086752	.0027023	.7996	.001651
%RSD	11.82610	61.34645	1.101761	321.1186	54.50546	.6783439	.0885209

#1	.0616571	-.010996	.5335589	-.004550	.0062336	117.3249	1.865310
#2	.0567518	-.004309	.5420753	.012312	.0067860	117.5061	1.863487
#3	.0486207	-.004010	.5450198	.000343	.0018538	118.7915	1.866783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092507	.0237567	90.97481	.1792982	.0873047	.1625690	209.7119
Stddev	.0001559	.0001702	.16273	.0016370	.0006395	.0021625	2.2803
%RSD	1.685109	.7162759	.1788791	.9130311	.7324871	1.330185	1.087333

#1	.0091187	.0239424	90.82388	.1810565	.0868296	.1602996	208.3770
#2	.0092109	.0236081	90.95333	.1790200	.0870526	.1646057	208.4139
#3	.0094227	.0237197	91.14722	.1778180	.0880318	.1628016	212.3449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.801669	37.02680	.1737291	.0045606	1.977959	.2866562	2.556168
Stddev	.017167	.59035	.0012270	.0002359	.218806	.0038228	.020833
%RSD	.2958907	1.594375	.7062976	5.171943	11.06219	1.333598	.8150218

#1	5.786229	36.56326	.1744966	.0042904	1.998657	.2890590	2.535993
#2	5.798623	36.82571	.1743768	.0046660	2.185679	.2822479	2.554908
#3	5.820155	37.69141	.1723139	.0047253	1.749539	.2886616	2.577602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.955496	4.055206	.0164206	.0076278	1.093698	5.439344	.0082401
Stddev	.098436	.027533	.0035962	.0004707	.007592	.028194	.0010261
%RSD	1.237328	.6789445	21.90050	6.170887	.6941308	.5183272	12.45228

#1	8.068084	4.030282	.0205631	.0081222	1.091927	5.408916	.0094249
#2	7.912712	4.050575	.0140991	.0075760	1.102019	5.444533	.0076506
#3	7.885692	4.084760	.0145997	.0071851	1.087148	5.464582	.0076447

Sample Name: M4398-02 Acquired: 11/01/2021 17:45:47 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.115953	.0871273	.3426974
Stddev	.003189	.0008043	.0015525
%RSD	.2857579	.9231146	.4530234

#1	1.113043	.0866159	.3418194
#2	1.115455	.0867116	.3417829
#3	1.119362	.0880544	.3444900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.449	31613.37	4473.508	843.7516	1394.369
Stddev	1.953	78.91	39.746	4.9756	2.121
%RSD	.1627854	.2495983	.8884845	.5896979	.1521221

#1	1197.207	31694.40	4511.348	849.4819	1394.766
#2	1200.777	31536.77	4477.080	841.2458	1392.077
#3	1200.363	31608.94	4432.096	840.5271	1396.263

Sample Name: M4398-03 Acquired: 11/01/2021 17:49:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509226	-.007496	1.776017	.0054514	.0053429	83.27270	1.685285
Stddev	.0011385	.004948	.004788	.0009769	.0030008	.18905	.001383
%RSD	2.235695	66.00504	.2696006	17.92012	56.16384	.2270229	.0820518

#1	.0505718	-.010672	1.781005	.0056561	.0072066	83.29039	1.683695
#2	.0521952	-.010019	1.775589	.0063098	.0018813	83.45227	1.685960
#3	.0500009	-.001795	1.771457	.0043884	.0069408	83.07542	1.686201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096313	.0939306	77.27525	.1712302	.1790156	.2761771	168.9439
Stddev	.0002257	.0004360	.08507	.0004373	.0005085	.0009590	.8057
%RSD	2.343286	.4641216	.1100830	.2554007	.2840295	.3472254	.4768979

#1	.0098845	.0934743	77.27499	.1712766	.1795947	.2750823	169.3707
#2	.0095583	.0939747	77.19031	.1716424	.1786420	.2768686	169.4464
#3	.0094512	.0943428	77.36044	.1707714	.1788102	.2765803	168.0146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.596019	28.25058	.1584703	.0057207	1.039591	.2437102	9.177958
Stddev	.005131	.28654	.0008834	.0001994	.444352	.0026354	.038586
%RSD	.0675521	1.014291	.5574630	3.486340	42.74303	1.081369	.4204249

#1	7.601843	28.34079	.1589647	.0055451	1.005357	.2460611	9.155295
#2	7.592164	28.48117	.1574503	.0059375	.613345	.2408613	9.156068
#3	7.594050	27.92979	.1589957	.0056795	1.500069	.2442082	9.222512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.826418	7.390724	-.001466	.0050152	3.700831	13.58624	.0188288
Stddev	.118651	.026155	.002057	.0001510	.033952	.10377	.0024856
%RSD	1.344269	.3538953	140.3539	3.010051	.9174037	.7637812	13.20128

#1	8.892786	7.412481	-.003648	.0051883	3.740010	13.69176	.0214288
#2	8.897034	7.361705	.000437	.0049107	3.682451	13.58265	.0185818
#3	8.689434	7.397986	-.001186	.0049467	3.680032	13.48432	.0164759

Sample Name: M4398-03 Acquired: 11/01/2021 17:49:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.150088	.0550155	.0375216
Stddev	.006066	.0009837	.0002983
%RSD	.5274247	1.788110	.7950642

#1	1.156671	.0546423	.0378646
#2	1.148869	.0561312	.0373769
#3	1.144725	.0542729	.0373231

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.993	32287.83	4536.842	867.9056	1415.449
Stddev	2.999	211.80	19.114	3.9215	.957
%RSD	.2434456	.6559793	.4212966	.4518340	.0676190

#1	1235.138	32517.79	4544.154	870.9922	1415.577
#2	1231.678	32100.75	4515.152	869.2315	1416.336
#3	1229.164	32244.94	4551.220	863.4930	1414.435

Sample Name: M4398-04 Acquired: 11/01/2021 17:53:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586742	.0011361	.7362851	.0024548	.0056244	97.23317	1.709418
Stddev	.0070502	.0043202	.0035660	.0044244	.0085119	.44770	.008060
%RSD	12.01582	380.2874	.4843270	180.2366	151.3384	.4604364	.4714935

#1	.0651553	.0000467	.7398883	.0060228	-.003914	97.37998	1.718620
#2	.0597000	-.002535	.7362095	.0038374	.008339	97.58904	1.706023
#3	.0511673	.005897	.7327575	-.002496	.012448	96.73051	1.703612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096968	.0692776	71.01049	.1623323	.1090775	.2028724	192.4925
Stddev	.0000962	.0001479	.45365	.0003223	.0004938	.0012775	1.8327
%RSD	.9924146	.2135572	.6388473	.1985464	.4527465	.6297218	.9520992

#1	.0098061	.0694344	71.46863	.1622621	.1094003	.2015597	191.8298
#2	.0096593	.0691405	71.00138	.1626840	.1093233	.2041116	194.5644
#3	.0096250	.0692578	70.56146	.1620509	.1085090	.2029459	191.0833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.114156	27.88426	.1890408	.0047565	1.097931	.2709635	5.807609
Stddev	.031345	.25595	.0001578	.0003408	.109041	.0029916	.044965
%RSD	.3863059	.9179110	.0834742	7.164462	9.931470	1.104054	.7742456

#1	8.144639	27.88567	.1888656	.0050603	1.199114	.2700231	5.767537
#2	8.115816	28.13949	.1891719	.0048213	.982444	.2743123	5.856237
#3	8.082014	27.62760	.1890848	.0043880	1.112234	.2685551	5.799053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.940164	7.953203	-.004179	.0050850	2.148928	8.535113	.0150425
Stddev	.088224	.028788	.004278	.0002762	.005816	.115422	.0039520
%RSD	.9868327	.3619630	102.3633	5.430868	.2706548	1.352324	26.27227

#1	9.038791	7.953568	-.008165	.0048995	2.142440	8.605907	.0193655
#2	8.912943	7.924235	-.004712	.0054024	2.153675	8.597509	.0116153
#3	8.868758	7.981807	.000340	.0049532	2.150670	8.401923	.0141466

Sample Name: M4398-04 Acquired: 11/01/2021 17:53:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.227757	.0744868	.0428172
Stddev	.012444	.0020789	.0015921
%RSD	1.013537	2.791009	3.718326

#1	1.232973	.0720907	.0438894
#2	1.236744	.0758112	.0409878
#3	1.213554	.0755584	.0435743

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.839	32187.22	4573.251	865.1210	1410.346
Stddev	.904	211.62	52.548	4.9360	2.831
%RSD	.0732954	.6574567	1.149019	.5705545	.2007338

#1	1234.788	32429.51	4551.561	869.3352	1407.259
#2	1232.987	32038.60	4535.022	859.6906	1410.961
#3	1233.742	32093.55	4633.172	866.3373	1412.820

Sample Name: M4398-05 Acquired: 11/01/2021 17:57:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501381	-.009079	.6158275	.0057709	.0015315	73.85486	2.077451
Stddev	.0012946	.002287	.0023823	.0065166	.0005647	.32809	.007049
%RSD	2.581961	25.18720	.3868392	112.9221	36.87341	.4442340	.3393319

#1	.0515869	-.007591	.6135770	.0023861	.0021815	74.11037	2.079361
#2	.0497325	-.011712	.6183226	.0132834	.0011614	73.96933	2.083349
#3	.0490950	-.007933	.6155830	.0016432	.0012516	73.48487	2.069644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080550	.0271576	31.58016	.1277985	.1500693	.1335596	163.6089
Stddev	.0001124	.0000995	.08281	.0004123	.0006647	.0024704	.7601
%RSD	1.395573	.3663330	.2622225	.3225745	.4429504	1.849695	.4646014

#1	.0079891	.0271435	31.60103	.1282284	.1493976	.1341865	164.2401
#2	.0081848	.0272634	31.65055	.1274066	.1507269	.1308361	163.8213
#3	.0079912	.0270660	31.48892	.1277606	.1500833	.1356562	162.7651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.23273	16.90975	.1142511	.0029215	.8196359	.2940455	2.595199
Stddev	.02929	.08761	.0008043	.0002208	.2226096	.0057805	.010150
%RSD	.2057757	.5181032	.7040091	7.556117	27.15957	1.965847	.3911093

#1	14.25533	16.94620	.1149070	.0027579	1.037972	.2988045	2.604722
#2	14.19964	16.97326	.1144927	.0028339	.827949	.2957191	2.596356
#3	14.24321	16.80980	.1133537	.0031726	.592986	.2876128	2.584521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.294040	3.777055	-.012390	.0091512	1.312969	7.100742	.0098436
Stddev	.044777	.010904	.002689	.0007563	.014552	.035718	.0016904
%RSD	1.042771	.2886946	21.70612	8.264416	1.108309	.5030192	17.17272

#1	4.317257	3.783828	-.013435	.0098966	1.313350	7.120087	.0104370
#2	4.242423	3.782861	-.009335	.0083845	1.298231	7.059524	.0079365
#3	4.322441	3.764476	-.014401	.0091724	1.327327	7.122615	.0111573

Sample Name: M4398-05 Acquired: 11/01/2021 17:57:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.217875	.0481809	-.029121
Stddev	.008625	.0014125	.000448
%RSD	.7082115	2.931552	1.539941

#1	1.221849	.0495014	-.029286
#2	1.223796	.0483497	-.029463
#3	1.207979	.0466917	-.028613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.416	31988.41	4481.243	856.1544	1435.890
Stddev	4.372	78.53	11.521	4.4499	5.641
%RSD	.3571035	.2454986	.2570987	.5197583	.3928620

#1	1223.284	31902.65	4467.985	851.1459	1435.805
#2	1220.721	32056.81	4486.921	859.6526	1430.292
#3	1229.243	32005.77	4488.824	857.6647	1441.573

Sample Name: M4398-06 Acquired: 11/01/2021 18:01:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442491	-.002914	1.203430	.0008352	.0053070	101.9784	2.489452
Stddev	.0029417	.003847	.001892	.0053373	.0021939	.4063	.007901
%RSD	6.647939	132.0092	.1571798	639.0605	41.33990	.3983790	.3173779

#1	.0437962	.001365	1.203402	.0000028	.0065281	102.4475	2.497754
#2	.0473909	-.006085	1.201554	.0065397	.0027742	101.7436	2.482025
#3	.0415601	-.004022	1.205336	-.004037	.0066187	101.7441	2.488577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098725	.0485269	142.4620	.1830274	.1911592	.1866700	198.1136
Stddev	.0001133	.0003725	.2762	.0008649	.0017884	.0020192	.9030
%RSD	1.148045	.7675580	.1939102	.4725223	.9355737	1.081699	.4557938

#1	.0099447	.0482451	142.7755	.1835190	.1922289	.1868434	198.7761
#2	.0097419	.0483864	142.2541	.1820288	.1921543	.1845696	198.4796
#3	.0099309	.0489492	142.3564	.1835344	.1890946	.1885968	197.0850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.38623	36.88421	.2741121	.0038667	1.327364	.2669131	4.532833
Stddev	.02171	.20840	.0010285	.0004897	.186129	.0029631	.054185
%RSD	.1752402	.5650142	.3752029	12.66329	14.02242	1.110118	1.195394

#1	12.40995	37.06602	.2746948	.0038946	1.249187	.2635207	4.501353
#2	12.38136	36.92984	.2729246	.0033637	1.193075	.2689943	4.595401
#3	12.36737	36.65678	.2747170	.0043418	1.539831	.2682243	4.501747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.170280	7.900476	-.014291	.0055743	1.855602	7.257720	.0136538
Stddev	.096213	.019837	.007415	.0003504	.007066	.068802	.0026251
%RSD	1.049181	.2510807	51.88725	6.286817	.3807673	.9479831	19.22626

#1	9.250466	7.918441	-.013535	.0055082	1.863749	7.317498	.0139751
#2	9.063594	7.903798	-.007283	.0052615	1.851899	7.182514	.0108828
#3	9.196780	7.879188	-.022056	.0059530	1.851157	7.273147	.0161034

Sample Name: M4398-06 Acquired: 11/01/2021 18:01:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9795282	.0824689	.4423449
Stddev	.0089940	.0001597	.0008415
%RSD	.9181932	.1936691	.1902424

#1	.9892959	.0824953	.4431319
#2	.9776999	.0822976	.4424450
#3	.9715889	.0826138	.4414578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.062	33560.58	4745.694	897.5770	1391.677
Stddev	3.109	118.63	15.678	6.0955	.798
%RSD	.2436658	.3534804	.3303613	.6791053	.0573620

#1	1277.462	33697.07	4741.927	903.0883	1390.954
#2	1278.225	33482.28	4762.912	891.0300	1392.534
#3	1272.499	33502.40	4732.242	898.6128	1391.543

Sample Name: M4398-07 Acquired: 11/01/2021 18:06:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046334	.0007262	5.117408	-.003713	.0060789	94.40591	2.026001
Stddev	.0047177	.0058147	.007378	.002574	.0025341	.22128	.002586
%RSD	4.508747	800.6934	.1441664	69.32014	41.68642	.2343961	.1276570

#1	.1012719	.0017076	5.115336	-.001614	.0037081	94.60051	2.026042
#2	.1026017	-.005517	5.111287	-.002941	.0057790	94.45202	2.028567
#3	.1100265	.005988	5.125600	-.006585	.0087496	94.16521	2.023395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126036	.2790308	201.1401	.1760476	.0964120	.5037473	213.3167
Stddev	.0001667	.0009639	.2554	.0003665	.0007934	.0032550	1.2620
%RSD	1.322806	.3454617	.1269795	.2081668	.8228938	.6461658	.5916130

#1	.0124129	.2798662	201.3813	.1761294	.0971655	.5054538	214.7621
#2	.0127217	.2779761	201.1665	.1763662	.0955840	.4999938	212.4335
#3	.0126763	.2792502	200.8726	.1756471	.0964866	.5057942	212.7545

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40289	38.91583	.2667061	.0166496	1.716490	.2683733	27.96668
Stddev	.03036	.22468	.0012593	.0001786	.456911	.0015934	.53576
%RSD	.2918532	.5773419	.4721485	1.072804	26.61893	.5937398	1.915720

#1	10.38594	39.16529	.2661080	.0164934	1.202098	.2666056	28.50097
#2	10.43794	38.72940	.2658573	.0166110	2.075265	.2688150	27.42945
#3	10.38479	38.85278	.2681529	.0168443	1.872109	.2696993	27.96961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.04887	7.030097	.0252085	.0091772	5.870220	11.11031	.0796128
Stddev	.05404	.014436	.0032362	.0005206	.011185	.05028	.0028289
%RSD	.4141705	.2053474	12.83759	5.672961	.1905416	.4525271	3.553379

#1	13.09239	7.045773	.0289388	.0095314	5.880135	11.05421	.0770674
#2	13.06583	7.017351	.0235348	.0094207	5.858095	11.15131	.0826585
#3	12.98837	7.027167	.0231520	.0085794	5.872431	11.12540	.0791123

Sample Name: M4398-07 Acquired: 11/01/2021 18:06:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.116129	.0659760	.2189888
Stddev	.003662	.0014581	.0018711
%RSD	.3281285	2.210067	.8544398

#1	1.119989	.0676496	.2174447
#2	1.115696	.0649797	.2210696
#3	1.112702	.0652987	.2184520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.506	33884.02	4801.650	907.2287	1377.721
Stddev	.627	75.67	24.899	9.9348	1.890
%RSD	.0489374	.2233350	.5185482	1.095071	.1371576

#1	1280.732	33920.27	4830.315	902.0962	1378.658
#2	1279.798	33934.75	4789.238	918.6800	1378.958
#3	1280.989	33797.04	4785.397	900.9100	1375.546

Sample Name: M4398-08 Acquired: 11/01/2021 18:10:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133210	-.000361	3.026943	-.000388	.0045301	89.90616	2.323148
Stddev	.0038345	.003252	.004329	.002141	.0007918	.10562	.009867
%RSD	3.383773	900.1938	.1430082	552.3041	17.47801	.1174803	.4247047

#1	.1120714	-.002878	3.030214	-.001676	.0050942	89.80319	2.334537
#2	.1176245	-.001517	3.022034	.002083	.0036249	89.90103	2.317723
#3	.1102672	.003311	3.028580	-.001570	.0048711	90.01425	2.317185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140892	.2309129	148.1841	.1540960	.0998822	.3686796	197.7946
Stddev	.0000852	.0004801	.5200	.0006406	.0006592	.0049239	.9497
%RSD	.6050217	.2078990	.3509213	.4157163	.6600132	1.335538	.4801209

#1	.0141827	.2314661	148.7571	.1541774	.0992926	.3727214	196.7650
#2	.0140690	.2306669	147.7421	.1546919	.1005940	.3701216	198.6362
#3	.0140159	.2306056	148.0533	.1534185	.0997601	.3631957	197.9826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.27040	34.28646	.2304687	.0064399	1.997012	.2663346	17.03195
Stddev	.00657	.29346	.0011016	.0002896	.149288	.0056551	.04556
%RSD	.0639711	.8559126	.4779762	4.496862	7.475568	2.123307	.2674919

#1	10.27520	33.94904	.2304849	.0062113	1.859638	.2622000	17.02101
#2	10.26291	34.48219	.2315622	.0067656	1.975516	.2640248	17.08199
#3	10.27309	34.42814	.2293592	.0063429	2.155883	.2727790	16.99286

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.87042	9.143163	.0781908	.0146002	5.963576	8.355206	.0627348
Stddev	.06451	.015730	.0028562	.0000970	.016183	.003055	.0016614
%RSD	.4651073	.1720463	3.652857	.6646155	.2713691	.0365673	2.648340

#1	13.91890	9.158755	.0773453	.0145835	5.954247	8.358305	.0609677
#2	13.89515	9.143437	.0813742	.0145125	5.982263	8.352197	.0629716
#3	13.79720	9.127298	.0758527	.0147045	5.954218	8.355117	.0642652

Sample Name: M4398-08 Acquired: 11/01/2021 18:10:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA08 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.199604	.0659783	.1658663
Stddev	.003357	.0014882	.0011680
%RSD	.2798422	2.255621	.7042107

#1	1.195810	.0643291	.1671395
#2	1.200814	.0672212	.1648442
#3	1.202189	.0663847	.1656153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.553	33679.49	4771.512	900.8617	1391.351
Stddev	1.908	75.95	16.377	3.3275	.205
%RSD	.1494454	.2254979	.3432143	.3693653	.0147663

#1	1277.655	33761.51	4778.826	901.8367	1391.491
#2	1277.654	33611.60	4782.957	903.5928	1391.115
#3	1274.350	33665.38	4752.753	897.1557	1391.446

Sample Name: M4398-09 Acquired: 11/01/2021 18:14:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1376481	-.001654	2.697283	.0070216	.0075141	101.2541	2.536438
Stddev	.0115479	.000588	.012665	.0036184	.0014597	.3944	.004445
%RSD	8.389397	35.55279	.4695527	51.53191	19.42647	.3895468	.1752265

#1	.1468716	-.002303	2.691645	.0050481	.0089722	101.5013	2.538992
#2	.1246968	-.001158	2.688415	.0111976	.0075175	101.4617	2.539015
#3	.1413760	-.001499	2.711788	.0048190	.0060527	100.7992	2.531306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190100	.1671478	113.6210	.1619171	.1335125	.3952004	224.8666
Stddev	.0000833	.0003185	.4338	.0006902	.0008484	.0022445	.8871
%RSD	.4380543	.1905625	.3817640	.4262499	.6354313	.5679350	.3944950

#1	.0189705	.1672354	113.6607	.1626235	.1344598	.3942371	225.4024
#2	.0189538	.1667946	114.0335	.1618835	.1332551	.3977658	225.3549
#3	.0191057	.1674134	113.1687	.1612444	.1328227	.3935985	223.8427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.45101	26.77599	.2663357	.0071731	2.241283	.3011801	18.72011
Stddev	.06157	.23668	.0009931	.0004725	.435203	.0044776	.05193
%RSD	.5890838	.8839393	.3728874	6.587621	19.41760	1.486682	.2773889

#1	10.47554	26.65767	.2658648	.0075101	2.213019	.3062159	18.77864
#2	10.49653	27.04850	.2656655	.0073762	1.820901	.2996770	18.70214
#3	10.38096	26.62179	.2674767	.0066330	2.689929	.2976475	18.67956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64467	8.821930	.1205540	.0210238	7.665125	4.168386	.0653726
Stddev	.08052	.023194	.0055116	.0004203	.021169	.018249	.0049368
%RSD	.5498210	.2629112	4.571892	1.998945	.2761721	.4378004	7.551783

#1	14.68621	8.840825	.1199714	.0207187	7.669766	4.157858	.0598500
#2	14.69593	8.828919	.1153568	.0215031	7.683589	4.189458	.0693576
#3	14.55186	8.796045	.1263337	.0208494	7.642021	4.157842	.0669103

Sample Name: M4398-09 Acquired: 11/01/2021 18:14:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.333109	.0707069	.1569549
Stddev	.006588	.0010392	.0006544
%RSD	.4941574	1.469732	.4169514

#1	1.340716	.0695069	.1566155
#2	1.329342	.0713075	.1577093
#3	1.329270	.0713062	.1565400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.316	34472.37	4906.797	925.9772	1396.591
Stddev	2.960	216.27	25.694	1.8855	1.892
%RSD	.2253847	.6273755	.5236497	.2036186	.1355027

#1	1316.669	34543.83	4915.605	927.7800	1396.065
#2	1311.065	34229.41	4877.857	924.0187	1398.691
#3	1312.214	34643.86	4926.929	926.1330	1395.017

Sample Name: M4398-10 Acquired: 11/01/2021 18:18:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913124	-.002048	2.476740	.0110466	.0033654	98.99087	2.315045
Stddev	.0124417	.005396	.001265	.0029070	.0021280	.16908	.009130
%RSD	13.62538	263.4358	.0510859	26.31616	63.23032	.1708052	.3943617

#1	.0946288	-.008101	2.477364	.0134062	.0057868	98.81558	2.325584
#2	.1017598	-.000298	2.477572	.0077991	.0017931	99.00406	2.310001
#3	.0775485	.002255	2.475284	.0119345	.0025162	99.15297	2.309550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154606	.1044389	93.94758	.1541668	.1021061	.2940513	224.0975
Stddev	.0002001	.0001417	.46612	.0003069	.0002562	.0033898	1.2486
%RSD	1.294315	.1356511	.4961490	.1990897	.2508971	1.152783	.5571670

#1	.0156385	.1042807	94.40798	.1540089	.1022131	.2901509	222.7154
#2	.0154995	.1045540	93.95883	.1539711	.1022914	.2957173	224.4332
#3	.0152439	.1044820	93.47594	.1545206	.1018138	.2962857	225.1440

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.231315	25.99659	.1879912	.0069836	1.909054	.2799606	11.51267
Stddev	.026338	.27143	.0013341	.0000413	.154073	.0044429	.04651
%RSD	.2853111	1.044116	.7096547	.5916232	8.070645	1.586988	.4039694

#1	9.260815	25.74628	.1893371	.0069811	2.042766	.2816695	11.53880
#2	9.222969	25.95839	.1879674	.0070262	1.740565	.2749169	11.45898
#3	9.210161	26.28510	.1866692	.0069436	1.943831	.2832954	11.54024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.68601	7.280257	.1108035	.0120583	9.358570	6.787376	.0682279
Stddev	.12361	.013320	.0046163	.0005528	.030874	.019843	.0035670
%RSD	.9743953	.1829540	4.166209	4.584108	.3299047	.2923509	5.227999

#1	12.56755	7.265138	.1066961	.0122757	9.331950	6.768971	.0717179
#2	12.81420	7.290260	.1099148	.0114299	9.392416	6.808398	.0645887
#3	12.67628	7.285374	.1157995	.0124693	9.351343	6.784760	.0683771

Sample Name: M4398-10 Acquired: 11/01/2021 18:18:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.141949	.0643882	.1225410
Stddev	.003515	.0008186	.0007510
%RSD	.3077701	1.271335	.6128245

#1	1.139147	.0652046	.1233359
#2	1.140807	.0643927	.1224438
#3	1.145893	.0635674	.1218435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.108	33367.71	4717.519	893.0742	1413.316
Stddev	2.111	104.20	15.869	.5553	1.085
%RSD	.1654467	.3122761	.3363917	.0621796	.0767576

#1	1274.454	33280.85	4735.554	892.6218	1412.462
#2	1275.385	33483.24	4705.695	892.9069	1412.950
#3	1278.486	33339.03	4711.307	893.6940	1414.537

Sample Name: M4398-11 Acquired: 11/01/2021 18:22:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0473949	-.007077	.6460653	.0048198	.0037839	80.70702	2.289736
Stddev	.0027594	.001188	.0029637	.0045287	.0028245	.55183	.020924
%RSD	5.822063	16.78100	.4587272	93.96096	74.64410	.6837493	.9138013

#1	.0457800	-.005714	.6484758	.0089072	.0051418	80.15663	2.265878
#2	.0505810	-.007631	.6469636	-.000049	.0056729	81.26029	2.304964
#3	.0458237	-.007886	.6427563	.005601	.0005369	80.70415	2.298367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101522	.0350895	55.79548	.1266146	.0637741	.1628763	162.5926
Stddev	.0001385	.0004739	.41420	.0013062	.0004281	.0016836	.4837
%RSD	1.363952	1.350445	.7423533	1.031606	.6713296	1.033651	.2974831

#1	.0100913	.0346114	55.34540	.1251824	.0632798	.1617530	162.0627
#2	.0100545	.0350981	56.16063	.1269212	.0640208	.1620639	163.0104
#3	.0103106	.0355590	55.88043	.1277402	.0640219	.1648120	162.7046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.231441	17.67065	.1619580	.0047140	1.744180	.2342932	5.199984
Stddev	.043730	.07032	.0007691	.0003031	.415145	.0027110	.028757
%RSD	.6047217	.3979626	.4748955	6.429339	23.80175	1.157092	.5530115

#1	7.183272	17.59022	.1610942	.0050243	1.381069	.2330652	5.200982
#2	7.268646	17.70117	.1622113	.0046990	1.654703	.2374008	5.228228
#3	7.242405	17.72056	.1625687	.0044187	2.196768	.2324134	5.170741

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.602967	5.176000	.0574596	.0107236	6.138761	12.98362	.0272482
Stddev	.063298	.032830	.0010181	.0006933	.014379	.04791	.0026164
%RSD	.6591538	.6342767	1.771847	6.465047	.2342250	.3689977	9.602127

#1	9.536351	5.149868	.0563190	.0111497	6.122202	13.00224	.0295472
#2	9.610228	5.165282	.0577833	.0110975	6.145998	13.01943	.0277962
#3	9.662321	5.212850	.0582765	.0099237	6.148083	12.92920	.0244012

Sample Name: M4398-11 Acquired: 11/01/2021 18:22:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA11 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.127726	.0606201	.0903330
Stddev	.010594	.0018044	.0010610
%RSD	.9393726	2.976583	1.174579

#1	1.118759	.0598361	.0891130
#2	1.139415	.0593404	.0908459
#3	1.125004	.0626840	.0910402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.131	32862.23	4625.319	881.7749	1431.834
Stddev	.781	179.10	16.936	5.6027	7.114
%RSD	.0621942	.5450015	.3661510	.6353887	.4968654

#1	1256.838	32692.30	4622.883	880.3447	1438.810
#2	1256.261	32845.13	4609.733	877.0260	1432.104
#3	1255.292	33049.27	4643.341	887.9541	1424.589

Sample Name: M4398-12 Acquired: 11/01/2021 18:26:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658427	-.003105	2.191530	-.001062	.0037489	91.48416
Stddev	.0067018	.003693	.002998	.007813	.0038278	.25872
%RSD	10.17852	118.9263	.1367885	735.7444	102.1041	.2828046

#1	.0733536	-.007103	2.194195	-.006149	.0063567	91.57957
#2	.0637009	.000179	2.192110	.007934	.0055355	91.19129
#3	.0604735	-.002392	2.188285	-.004971	-.000646	91.68164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.487837	.0121508	.1169099	121.1259	.1459997	.0948524
Stddev	.004344	.0001286	.0002762	.2694	.0004487	.0002802
%RSD	.1746126	1.057977	.2362465	.2224467	.3073165	.2954509

#1	2.489844	.0122723	.1171817	121.0143	.1457558	.0951760
#2	2.482852	.0121637	.1166295	120.9302	.1465175	.0946901
#3	2.490815	.0120162	.1169184	121.4332	.1457258	.0946912

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2859570	206.5543	8.137352	21.12468	.1971076	.0064352
Stddev	.0022551	.6894	.015175	.07076	.0016937	.0002483
%RSD	.7886090	.3337640	.1864857	.3349443	.8592913	3.857800

#1	.2835425	206.8378	8.139478	21.18330	.1986072	.0066696
#2	.2863201	205.7684	8.121226	21.04608	.1974452	.0064609
#3	.2880086	207.0568	8.151352	21.14467	.1952705	.0061751

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.269263	.2602353	16.01435	10.81217	F 17.75828	.0148748
Stddev	.173590	.0046276	.04029	.08399	.08432	.0044895
%RSD	13.67642	1.778227	.2515575	.7768283	.4748481	30.18188

#1	1.209921	.2582799	15.98782	10.89182	17.82951	.0097256
#2	1.133126	.2569063	16.06071	10.72442	17.78016	.0169295
#3	1.464742	.2655195	15.99453	10.82026	17.66517	.0179692

Sample Name: M4398-12 Acquired: 11/01/2021 18:26:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA13 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113414	6.058268	8.520577	.0310005	1.097828	.0678050
Stddev	.0005947	.019740	.074023	.0030306	.005854	.0001280
%RSD	5.243802	.3258416	.8687558	9.776017	.5332371	.1887988

#1	.0110244	6.064588	8.598024	.0303832	1.100573	.0676742
#2	.0109724	6.074075	8.450534	.0342922	1.091106	.0678107
#3	.0120275	6.036142	8.513172	.0283260	1.101805	.0679300

Elem	Sr4077
Units	ppm
Avg	.0929031
Stddev	.0003262
%RSD	.3510869

#1	.0926867
#2	.0932782
#3	.0927443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.256	33692.48	4718.997	904.1997	1413.935
Stddev	2.820	94.76	30.921	6.1649	2.044
%RSD	.2209851	.2812603	.6552558	.6818120	.1445747

#1	1275.092	33693.01	4722.325	909.1236	1411.575
#2	1279.472	33786.98	4748.119	906.1900	1415.075
#3	1274.204	33597.46	4686.546	897.2854	1415.154

Sample Name: M4398-13 Acquired: 11/01/2021 18:30:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579539	-.002382	.9767147	.0028234	.0038151	101.7643	2.110808
Stddev	.0046779	.002064	.0024678	.0046692	.0013996	.0848	.003322
%RSD	8.071715	86.65655	.2526651	165.3779	36.68608	.0833765	.1573788

#1	.0530062	-.004689	.9776573	.0081122	.0046981	101.8330	2.113106
#2	.0623047	-.000712	.9739145	-.000728	.0022014	101.7904	2.112319
#3	.0585507	-.001744	.9785723	.001086	.0045458	101.6694	2.106999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097090	.0415922	56.68361	.1564207	.1024731	.2150854	199.8537
Stddev	.0001256	.0001142	.18242	.0015980	.0006410	.0008998	.5880
%RSD	1.293493	.2746274	.3218258	1.021579	.6255158	.4183360	.2942049

#1	.0098081	.0414933	56.88719	.1581943	.1018369	.2160376	200.2541
#2	.0095678	.0415660	56.62867	.1550931	.1031188	.2149692	200.1284
#3	.0097511	.0417172	56.53498	.1559747	.1024637	.2142493	199.1786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.667833	18.07251	.2179983	.0043405	1.076970	.2764242	5.864222
Stddev	.039625	.10816	.0007027	.0004762	.286655	.0051020	.054839
%RSD	.4098691	.5984803	.3223582	10.97147	26.61678	1.845715	.9351417

#1	9.687705	18.14268	.2171869	.0037908	1.009250	.2817724	5.805641
#2	9.693590	18.12690	.2184150	.0046011	1.391421	.2758897	5.872693
#3	9.622204	17.94795	.2183929	.0046295	.830238	.2716105	5.914333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.938856	4.346294	-.012672	.0125400	3.106501	6.039786	.0178340
Stddev	.016645	.019718	.003981	.0004621	.029110	.040151	.0027460
%RSD	.1862140	.4536659	31.41358	3.685034	.9370573	.6647684	15.39740

#1	8.931644	4.362997	-.015203	.0130089	3.072954	6.079809	.0197916
#2	8.957891	4.351342	-.008084	.0125260	3.121453	6.040043	.0146950
#3	8.927032	4.324543	-.014730	.0120850	3.125096	5.999509	.0190153

Sample Name: M4398-13 Acquired: 11/01/2021 18:30:04 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA14 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.072500	.0671013	.0107713
Stddev	.002376	.0019768	.0003105
%RSD	.2215389	2.945998	2.883098

#1	1.074121	.0673886	.0106551
#2	1.073607	.0689187	.0105356
#3	1.069773	.0649965	.0111232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.842	34014.68	4776.897	919.5189	1428.127
Stddev	1.185	80.39	29.366	1.5218	2.133
%RSD	.0910320	.2363396	.6147535	.1654990	.1493872

#1	1302.420	33922.38	4745.247	917.8414	1429.519
#2	1300.479	34069.39	4782.181	920.8109	1425.670
#3	1302.628	34052.28	4803.262	919.9044	1429.191

Sample Name: M4398-14 Acquired: 11/01/2021 18:34:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531042	-.003551	.6409703	-.000613	.0027631	99.79370	1.987391
Stddev	.0048748	.006138	.0033724	.004797	.0038907	.46797	.002898
%RSD	9.179638	172.8695	.5261326	782.5840	140.8080	.4689336	.1458350

#1	.0487087	-.002204	.6383659	-.005992	.0042632	99.33867	1.989734
#2	.0522569	.001802	.6397655	.003222	-.001654	99.76883	1.984150
#3	.0583471	-.010251	.6447796	.000931	.005681	100.2736	1.988288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086116	.0285807	47.04947	.1481099	.0934845	.1789832	186.5785
Stddev	.0002065	.0001569	.04035	.0006977	.0000951	.0007326	1.8386
%RSD	2.398043	.5490344	.0857573	.4710723	.1017283	.4093399	.9854381

#1	.0083987	.0287163	47.09111	.1475234	.0935807	.1791019	184.5062
#2	.0086252	.0284088	47.04674	.1479249	.0934823	.1796492	187.2151
#3	.0088111	.0286172	47.01056	.1488815	.0933906	.1781984	188.0142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.233449	18.15206	.1741352	.0037918	.8614343	.2668552	4.081861
Stddev	.001610	.23759	.0004138	.0003743	.3938407	.0022424	.010840
%RSD	.0195528	1.308889	.2376311	9.870100	45.71918	.8403216	.2655628

#1	8.232368	17.87816	.1743063	.0042017	.9125881	.2645044	4.090007
#2	8.235300	18.27552	.1736633	.0034682	1.227199	.2670906	4.069558
#3	8.232681	18.30250	.1744360	.0037056	.444516	.2689707	4.086018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.040108	3.862183	-.001087	.0106020	2.294665	7.763644	.0095042
Stddev	.023909	.003447	.004271	.0005616	.005293	.034786	.0013837
%RSD	.2973723	.0892441	392.9779	5.297517	.2306653	.4480583	14.55892

#1	8.017529	3.863401	-.004836	.0100500	2.292585	7.730678	.0108858
#2	8.037638	3.864856	-.001987	.0105833	2.300682	7.800001	.0081184
#3	8.065155	3.858293	.003563	.0111728	2.290727	7.760252	.0095085

Sample Name: M4398-14 Acquired: 11/01/2021 18:34:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.195476	.0562365	-.001623
Stddev	.008598	.0004903	.001518
%RSD	.7191780	.8718606	93.50588

#1	1.186051	.0567205	-.000038
#2	1.197487	.0557401	-.001768
#3	1.202890	.0562490	-.003064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1278.647	33653.89	4700.396	902.5847	1425.255
Stddev	.955	35.19	23.404	4.1495	1.336
%RSD	.0747236	.1045531	.4979142	.4597383	.0937491

#1	1277.721	33615.44	4727.420	900.2690	1425.712
#2	1278.591	33684.49	4686.687	900.1098	1426.303
#3	1279.630	33661.73	4687.083	907.3752	1423.750

Sample Name: CCV085 Acquired: 11/01/2021 18:38:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.944353	4.813884	24.96234	4.737370	4.836053	407.1891	9.967081
Stddev	.018231	.011386	.02873	.027194	.002520	4.1081	.034321
%RSD	.3687199	.2365216	.1151001	.5740371	.0521114	1.008883	.3443470

#1	4.960539	4.815558	24.93295	4.743596	4.837679	405.5079	9.937390
#2	4.924604	4.824340	24.99037	4.707603	4.837330	411.8712	10.00466
#3	4.947917	4.801754	24.96371	4.760911	4.833150	404.1884	9.95919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5167214	2.424964	397.1187	15.16610	2.447426	15.13307	412.4500
Stddev	.0064440	.007266	.9938	.01323	.010054	.07472	6.4013
%RSD	1.247085	.2996418	.2502476	.0872323	.4107991	.4937396	1.552018

#1	.5165201	2.418989	396.5831	15.18081	2.436291	15.10869	412.3571
#2	.5232636	2.433053	398.2654	15.15518	2.455838	15.21694	418.8972
#3	.5103804	2.422852	396.5076	15.16229	2.450149	15.07359	406.0956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64519	409.0334	2.410165	1.260909	407.6745	2.490031	14.76351
Stddev	.00944	6.6107	.003705	.005858	6.3293	.034429	.05913
%RSD	.0644669	1.616177	.1537345	.4645819	1.552537	1.382665	.4005176

#1	14.64978	408.3331	2.405893	1.254580	406.1606	2.480779	14.72967
#2	14.65146	415.9663	2.412498	1.266140	414.6235	2.528140	14.83179
#3	14.63433	402.8007	2.412105	1.262006	402.2395	2.461173	14.72908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1882	5.072127	5.192066	4.904634	4.994064	5.189190	4.852281
Stddev	1.1186	.010028	.062539	.002973	.019559	.057428	.027515
%RSD	.7254988	.1977117	1.204517	.0606128	.3916469	1.106676	.5670583

#1	153.7378	5.082469	5.192165	4.904763	4.986413	5.188898	4.848901
#2	155.4619	5.071465	5.254556	4.901598	5.016293	5.246763	4.881330
#3	153.3651	5.062446	5.129478	4.907540	4.979488	5.131909	4.826612

Sample Name: CCV085 Acquired: 11/01/2021 18:38:11 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.186625	5.114618	4.860622
Stddev	.072388	.046295	.015991
%RSD	1.395673	.9051594	.3289834

#1	5.178101	5.095240	4.859481
#2	5.262897	5.167454	4.877152
#3	5.118875	5.081161	4.845232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	978.7371	27278.97	3886.066	692.6807	1196.782
Stddev	2.3785	87.20	35.933	3.4484	4.301
%RSD	.2430187	.3196610	.9246546	.4978304	.3594108

#1	978.4063	27240.04	3894.820	696.6494	1199.464
#2	976.5414	27378.86	3846.565	690.4164	1191.820
#3	981.2637	27218.03	3916.813	690.9762	1199.060

Sample Name: CCB085 Acquired: 11/01/2021 18:42:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013068	-.003060	.0002253	-.004566	.0012856	-.007199	-.002552
Stddev	.0031317	.000790	.0025140	.005231	.0035967	.008185	.000538
%RSD	239.6446	25.82984	1115.836	114.5580	279.7666	113.6938	21.08513

#1	-.002285	-.002168	.0031261	-.004907	-.002766	-.010752	-.002722
#2	.002739	-.003673	-.001130	-.009618	.004102	-.013006	-.001950
#3	.003467	-.003340	-.001320	.000827	.002521	.002162	-.002985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000042	.0001348	.0229588	-.000695	.0003130	.0024249	-.003167
Stddev	.000108	.0001180	.0200554	.000641	.0001526	.0028559	.006563
%RSD	259.4996	87.52465	87.35394	92.21083	48.75290	117.7743	207.2626

#1	.000037	.0000244	.0442621	-.000118	.0003798	.0009980	.004164
#2	-.000164	.0001209	.0044428	-.001385	.0001384	.0005636	-.008497
#3	.000003	.0002592	.0201716	-.000582	.0004207	.0057132	-.005167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006890	-.039613	.0000636	.0006430	-.071278	-.001887	.0078127
Stddev	.0003516	.043061	.0006073	.0002721	.222309	.003138	.0047179
%RSD	51.02537	108.7060	955.5012	42.31114	311.8912	166.2381	60.38752

#1	.0010947	-.001503	-.000442	.0005965	.157841	.001389	.0111903
#2	.0004734	-.086327	.000737	.0003972	-.085590	-.004864	.0024222
#3	.0004989	-.031008	-.000104	.0009353	-.286085	-.002187	.0098255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080205	.0017413	.0024913	.0012112	-.009219	.0007884	-.002445
Stddev	.098538	.0020362	.0010881	.0004303	.012292	.0005675	.003483
%RSD	122.8568	116.9406	43.67585	35.52794	133.3355	71.98047	142.4292

#1	-.077008	.0020798	.0013873	.0014923	-.007639	.0003767	-.002896
#2	.016695	.0035871	.0025239	.0007158	.002207	.0005527	-.005681
#3	-.180302	-.000443	.0035627	.0014255	-.022225	.0014358	.001241

Sample Name: CCB085 Acquired: 11/01/2021 18:42:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012536	-.007365	.0000063
Stddev	.0016205	.002656	.0000197
%RSD	129.2711	36.05869	314.3039

#1	-.000617	-.008621	.0000241
#2	.002241	-.004314	.0000095
#3	.002136	-.009159	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.712	29144.78	3997.586	785.6687	1436.030
Stddev	6.134	48.49	27.228	2.9182	2.691
%RSD	.5503043	.1663710	.6811010	.3714233	.1873644

#1	1107.846	29092.37	4025.498	783.6329	1434.117
#2	1119.651	29153.93	3971.099	789.0120	1439.107
#3	1116.641	29188.04	3996.160	784.3613	1434.867

Sample Name: M4398-15 Acquired: 11/01/2021 18:46:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA16 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316169	-.007754	2.318355	.0014863	.0063932	99.00916	2.286230
Stddev	.0015853	.005192	.002868	.0026885	.0005131	.28785	.004172
%RSD	5.014238	66.96066	.1237257	180.8872	8.025311	.2907315	.1824784

#1	.0308731	-.001798	2.318996	.0045810	.0066742	98.74159	2.281416
#2	.0334374	-.011329	2.320849	.0001497	.0067044	99.31372	2.288489
#3	.0305402	-.010134	2.315221	-.000272	.0058010	98.97217	2.288785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141706	.0346697	139.2328	.1517632	.0971196	.2302048	235.6002
Stddev	.0002831	.0002196	.3651	.0006442	.0001443	.0013017	.6485
%RSD	1.997819	.6334354	.2622334	.4244646	.1485555	.5654488	.2752602

#1	.0142192	.0345696	138.8219	.1522150	.0970467	.2310669	235.4182
#2	.0138663	.0345179	139.3565	.1510256	.0970263	.2287074	236.3203
#3	.0144262	.0349215	139.5200	.1520491	.0972858	.2308399	235.0622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.210760	29.40922	.3676945	.0062778	2.327510	.3505189	5.474273
Stddev	.007189	.05255	.0014066	.0004451	.313884	.0020572	.023941
%RSD	.1707192	.1786938	.3825472	7.090108	13.48581	.5869135	.4373378

#1	4.207305	29.35238	.3675397	.0065036	2.565728	.3522821	5.461034
#2	4.205950	29.41924	.3691721	.0057650	1.971838	.3482587	5.459875
#3	4.219023	29.45604	.3663717	.0065646	2.444964	.3510159	5.501909

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.09818	4.011019	-.001209	.0049293	2.153440	11.57906	.0071278
Stddev	.11710	.015420	.005120	.0004946	.009388	.03961	.0007948
%RSD	.6131552	.3844505	423.5081	10.03307	.4359454	.3421130	11.15011

#1	19.02548	3.993564	-.001810	.0045530	2.154107	11.53333	.0063957
#2	19.23327	4.016698	.004185	.0054894	2.162476	11.60124	.0079731
#3	19.03580	4.022794	-.006002	.0047454	2.143736	11.60262	.0070146

Sample Name: M4398-15 Acquired: 11/01/2021 18:46:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8165588	.0841918	.5242706
Stddev	.0041893	.0004239	.0013969
%RSD	.5130385	.5035235	.2664507
#1	.8123320	.0840672	.5258703
#2	.8207094	.0838441	.5236497
#3	.8166351	.0846640	.5232917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.378	32921.55	4595.225	883.6230	1405.737
Stddev	1.346	37.85	39.107	6.3104	2.107
%RSD	.1074788	.1149790	.8510328	.7141536	.1498722
#1	1251.389	32954.65	4628.289	889.5089	1404.292
#2	1253.911	32929.72	4552.058	876.9600	1404.765
#3	1251.834	32880.28	4605.327	884.4000	1408.155

Sample Name: M4398-16 Acquired: 11/01/2021 18:50:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263102	-.003565	4.024599	.0006725	.0105833	97.13004
Stddev	.0058863	.011498	.013659	.0118160	.0043497	.20552
%RSD	4.660174	322.4727	.3393843	1757.028	41.09933	.2115890

#1	.1215903	-.010718	4.014938	.0058557	.0122688	96.93133
#2	.1244345	-.009675	4.018634	-.012849	.0138379	97.11704
#3	.1329057	.009697	4.040226	.009011	.0056431	97.34174

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.541749	.0134197	.2932142	192.9722	.1907272	.1063470
Stddev	.002984	.0001334	.0013864	.2082	.0010375	.0003986
%RSD	.1173993	.9941842	.4728202	.1078867	.5439611	.3748130

#1	2.545099	.0135278	.2933671	193.0511	.1914811	.1065343
#2	2.539378	.0134608	.2917578	192.7361	.1911564	.1066175
#3	2.540769	.0132706	.2945178	193.1295	.1895439	.1058893

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6777724	224.6310	11.64627	37.42874	.2246806	.0126906
Stddev	.0020045	1.6997	.01755	.28833	.0019687	.0004022
%RSD	.2957507	.7566544	.1506911	.7703368	.8762254	3.169622

#1	.6758067	223.4422	11.66583	37.14851	.2263700	.0131130
#2	.6798136	223.8729	11.64106	37.41317	.2225186	.0123121
#3	.6776968	226.5778	11.63191	37.72454	.2251532	.0126468

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.138239	.2875076	27.54830	15.22569	F 12.73247	.0964218
Stddev	.280607	.0084692	.34992	.00951	.04408	.0008944
%RSD	13.12330	2.945728	1.270210	.0624279	.3461821	.9275796

#1	2.417912	.2781112	27.22919	15.23309	12.69502	.0954337
#2	2.140097	.2945526	27.49322	15.22900	12.72135	.0966556
#3	1.856707	.2898591	27.92250	15.21497	12.78104	.0971761

Sample Name: M4398-16 Acquired: 11/01/2021 18:50:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA17 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130099	6.892124	7.758860	.0636489	1.526926	.0650845
Stddev	.0007788	.009872	.039549	.0009677	.013927	.0017184
%RSD	5.986025	.1432377	.5097214	1.520346	.9120938	2.640222

#1	.0125397	6.888920	7.745777	.0645926	1.515103	.0640606
#2	.0125811	6.884252	7.727510	.0626589	1.523397	.0641245
#3	.0139088	6.903200	7.803292	.0636950	1.542278	.0670683

Elem	Sr4077
Units	ppm
Avg	.2579780
Stddev	.0011924
%RSD	.4622098

#1	.2588067
#2	.2585160
#3	.2566114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1251.952	33056.23	4619.430	885.9171	1386.290
Stddev	2.987	25.75	16.995	5.3246	2.808
%RSD	.2386118	.0778858	.3679079	.6010239	.2025373

#1	1248.504	33032.72	4628.737	891.7513	1384.099
#2	1253.746	33052.23	4629.740	884.6800	1389.455
#3	1253.607	33083.74	4599.815	881.3200	1385.317

Sample Name: M4398-17 Acquired: 11/01/2021 18:54:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292445	-.003005	4.256137	.0033156	.0073792	97.35576
Stddev	.0035781	.003612	.003958	.0034699	.0023253	.31144
%RSD	2.768503	120.2038	.0929924	104.6542	31.51244	.3198945

#1	.1318426	-.000413	4.253609	.0015961	.0089886	97.51905
#2	.1307278	-.001471	4.260698	.0073095	.0084358	97.55159
#3	.1251633	-.007131	4.254104	.0010412	.0047131	96.99663

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.209906	.0173111	.2669662	176.8407	.1791124	.1057648
Stddev	.001285	.0000802	.0011222	.5046	.0013029	.0007441
%RSD	.0581453	.4631506	.4203549	.2853309	.7274302	.7035327

#1	2.211355	.0173742	.2660895	176.6236	.1790526	.1051761
#2	2.208905	.0172209	.2665781	177.4175	.1804442	.1066011
#3	2.209458	.0173383	.2682309	176.4810	.1778404	.1055171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5531325	248.8042	9.374120	34.56595	.2533266	.0114146
Stddev	.0015146	2.1527	.011178	.36698	.0003631	.0002568
%RSD	.2738301	.8652114	.1192445	1.061684	.1433454	2.249862

#1	.5540953	250.2242	9.362191	34.83349	.2529219	.0113142
#2	.5513866	249.8610	9.384353	34.71677	.2534340	.0112231
#3	.5539156	246.3274	9.375818	34.14759	.2536239	.0117065

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.179935	.2880272	26.42918	15.27179	F 11.61545	.1415537
Stddev	.180692	.0009063	.44592	.05620	.01491	.0013402
%RSD	8.288858	.3146629	1.687229	.3680001	.1283253	.9467851

#1	2.350092	.2890549	25.99475	15.29669	11.60601	.1430376
#2	2.199423	.2876843	26.88576	15.31124	11.60772	.1411924
#3	1.990289	.2873423	26.40702	15.20744	11.63264	.1404312

Sample Name: M4398-17 Acquired: 11/01/2021 18:54:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA18 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135712	7.144520	7.265962	.0633761	1.548223	.0682642
Stddev	.0004805	.014911	.063411	.0038042	.012862	.0016164
%RSD	3.540581	.2087065	.8727102	6.002513	.8307346	2.367820

#1	.0130215	7.137393	7.328891	.0615862	1.554539	.0672200
#2	.0137804	7.134510	7.266916	.0607970	1.556706	.0674466
#3	.0139116	7.161658	7.202080	.0677450	1.533425	.0701261

Elem	Sr4077
Units	ppm
Avg	.2166051
Stddev	.0012475
%RSD	.5759366

#1	.2165843
#2	.2153682
#3	.2178629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.774	33736.37	4753.789	899.6777	1385.420
Stddev	.386	176.60	55.079	7.8198	1.586
%RSD	.0301907	.5234622	1.158638	.8691751	.1144601

#1	1277.958	33791.50	4700.618	904.9113	1387.249
#2	1278.034	33538.78	4750.153	890.6886	1384.582
#3	1277.331	33878.82	4810.596	903.4331	1384.430

Sample Name: M4398-18 Acquired: 11/01/2021 18:58:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1174309	.0013806	4.379131	.0093723	.0069331	78.19459
Stddev	.0064516	.0017850	.014187	.0007621	.0028272	.24574
%RSD	5.493974	129.2881	.3239682	8.131698	40.77848	.3142626

#1	.1101547	.0029542	4.370407	.0085498	.0037134	78.14706
#2	.1224533	-.000559	4.371485	.0095125	.0090102	78.46062
#3	.1196849	.001747	4.395501	.0100546	.0080758	77.97609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.938202	.0258350	.2034420	113.8145	.1511766	.0832468
Stddev	.008023	.0001454	.0005910	.3438	.0005572	.0001654
%RSD	.4139339	.5626509	.2904877	.3020358	.3685964	.1986424

#1	1.944710	.0258916	.2029452	113.7673	.1513311	.0834131
#2	1.940658	.0256698	.2032854	114.1794	.1516403	.0830824
#3	1.929238	.0259435	.2040956	113.4968	.1505584	.0832447

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4048948	257.8495	7.309332	14.88771	.1876001	.0112066
Stddev	.0024038	1.6894	.012969	.14700	.0012784	.0005207
%RSD	.5936757	.6551750	.1774260	.9873617	.6814585	4.645915

#1	.4068034	256.5752	7.295216	14.79061	.1867081	.0106824
#2	.4056859	259.7657	7.320719	15.05683	.1890648	.0117237
#3	.4021953	257.2075	7.312060	14.81569	.1870275	.0112138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.885080	.3126182	20.37433	13.98690	F 13.50594	.4062641
Stddev	.199248	.0012068	.12865	.05474	.02464	.0038385
%RSD	5.128554	.3860438	.6314289	.3913609	.1824110	.9448246

#1	3.818130	.3139772	20.34635	14.05010	13.47981	.4042601
#2	4.109180	.3116718	20.51467	13.95486	13.52875	.4106898
#3	3.727929	.3122056	20.26198	13.95572	13.50924	.4038423

Sample Name: M4398-18 Acquired: 11/01/2021 18:58:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA19 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339075	33.23977	7.701777	.1350680	1.716542	.0648695
Stddev	.0008825	.02628	.016233	.0012944	.009986	.0009755
%RSD	2.602704	.0790729	.2107673	.9583722	.5817769	1.503745

#1	.0339534	33.22082	7.692838	.1335939	1.707964	.0644264
#2	.0330030	33.22871	7.720515	.1355911	1.727505	.0659879
#3	.0347662	33.26977	7.691979	.1360191	1.714158	.0641942

Elem	Sr4077
Units	ppm
Avg	.1700079
Stddev	.0008121
%RSD	.4777091

#1	.1702861
#2	.1690932
#3	.1706444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.979	34942.15	4825.393	934.6455	1433.033
Stddev	4.860	108.72	1.289	3.4302	4.928
%RSD	.3679197	.3111449	.0267083	.3670071	.3438700

#1	1318.992	34881.42	4825.797	933.2536	1432.656
#2	1326.518	34877.36	4826.431	938.5529	1438.139
#3	1317.427	35067.67	4823.950	932.1300	1428.305

Sample Name: M4398-19 Acquired: 11/01/2021 19:02:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769215	-.006324	2.779846	.0005349	.0037692	86.14226	2.047394
Stddev	.0053453	.009125	.005059	.0067396	.0035799	.27262	.003877
%RSD	6.949089	144.2994	.1819821	1259.989	94.97803	.3164802	.1893466

#1	.0750752	-.011363	2.783707	.0064730	.0006000	85.82761	2.051646
#2	.0829452	.004210	2.781712	-.006790	.0076522	86.29114	2.046479
#3	.0727440	-.011818	2.774119	.001922	.0030554	86.30802	2.044057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180863	.1210560	92.39888	.1464862	.0881477	.3142617	206.8461
Stddev	.0002003	.0000733	.10771	.0007375	.0001954	.0025854	1.4696
%RSD	1.107387	.0605275	.1165746	.5034358	.2216444	.8226735	.7104666

#1	.0178751	.1211165	92.48684	.1470852	.0882427	.3112931	205.1504
#2	.0181102	.1209745	92.27875	.1467109	.0879230	.3160191	207.6382
#3	.0182735	.1210770	92.43105	.1456625	.0882774	.3154729	207.7497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.034372	18.23972	.1775941	.0087490	2.050494	.2701777	14.87986
Stddev	.024194	.14410	.0013029	.0001562	.196453	.0057590	.17294
%RSD	.3011295	.7900260	.7336542	1.785827	9.580780	2.131570	1.162273

#1	8.052633	18.07797	.1790972	.0087738	2.111133	.2673495	14.68428
#2	8.006932	18.28682	.1767863	.0088914	1.830871	.2768040	14.94271
#3	8.043552	18.35438	.1768987	.0085819	2.209479	.2663795	15.01259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24357	8.126772	.2007981	.0143949	9.356609	13.96752	.0804048
Stddev	.04329	.047321	.0032146	.0007830	.004118	.05912	.0025005
%RSD	.3849948	.5822795	1.600915	5.439511	.0440128	.4232898	3.109947

#1	11.20035	8.178129	.1988510	.0152786	9.352483	13.90305	.0778140
#2	11.28692	8.117250	.2045085	.0141186	9.356624	14.01921	.0828040
#3	11.24344	8.084936	.1990348	.0137874	9.360719	13.98030	.0805963

Sample Name: M4398-19 Acquired: 11/01/2021 19:02:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.437460	.0578697	.1035685
Stddev	.002130	.0006663	.0008365
%RSD	.1482052	1.151339	.8076647

#1	1.435040	.0571010	.1045340
#2	1.439050	.0582271	.1031104
#3	1.438292	.0582811	.1030611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.580	34066.69	4716.703	911.6308	1428.471
Stddev	3.344	95.49	7.478	6.2679	3.443
%RSD	.2591187	.2802902	.1585493	.6875436	.2410331

#1	1287.844	33962.06	4725.303	918.7363	1425.761
#2	1289.588	34149.12	4713.079	909.2700	1427.306
#3	1294.308	34088.88	4711.728	906.8862	1432.345

Sample Name: M4399-04 Acquired: 11/01/2021 19:06:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547662	-.005028	.9700623	.0068797	.0030928	78.72324	1.575598
Stddev	.0069767	.002927	.0011851	.0017506	.0030947	.16580	.003147
%RSD	12.73898	58.20953	.1221689	25.44601	100.0597	.2106068	.1997129

#1	.0628143	-.002511	.9700995	.0059396	.0056939	78.67780	1.572073
#2	.0504341	-.004334	.9688590	.0088995	-.000330	78.58490	1.578122
#3	.0510502	-.008240	.9712284	.0057999	.003914	78.90702	1.576600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077112	.0746964	45.56657	.1441868	.0925609	.2291756	146.8792
Stddev	.0001050	.0000070	.00629	.0012832	.0006961	.0002931	.5893
%RSD	1.361602	.0093042	.0138012	.8899500	.7520382	.1279120	.4012160

#1	.0078035	.0746898	45.57350	.1433569	.0923075	.2294298	147.2788
#2	.0077332	.0747036	45.56501	.1456648	.0933482	.2292422	146.2024
#3	.0075970	.0746959	45.56121	.1435388	.0920270	.2288549	147.1565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.171859	22.96862	.1403926	.0044286	1.390597	.2368044	7.713713
Stddev	.009044	.09810	.0014630	.0005192	.425901	.0039011	.048398
%RSD	.1106751	.4271231	1.042097	11.72253	30.62721	1.647381	.6274284

#1	8.161969	22.89586	.1392316	.0039122	.931685	.2388657	7.760156
#2	8.173898	22.92980	.1420358	.0049505	1.773159	.2323051	7.663572
#3	8.179709	23.08019	.1399103	.0044232	1.466949	.2392424	7.717411

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924891	3.951165	.0033651	.0062942	3.204185	9.593336	.0073881
Stddev	.038992	.001667	.0072165	.0008222	.010127	.048877	.0013928
%RSD	.7917387	.0421975	214.4493	13.06264	.3160438	.5094936	18.85146

#1	4.967627	3.949673	.0074644	.0053484	3.192684	9.561274	.0058147
#2	4.915797	3.950857	-.004967	.0068387	3.211767	9.649592	.0078866
#3	4.891249	3.952965	.007598	.0066955	3.208103	9.569143	.0084630

Sample Name: M4399-04 Acquired: 11/01/2021 19:06:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.136405	.0571649	-.019764
Stddev	.003864	.0012465	.000414
%RSD	.3399891	2.180490	2.095741

#1	1.136444	.0573543	-.020166
#2	1.132522	.0583058	-.019338
#3	1.140249	.0558346	-.019789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1249.680	32782.08	4528.824	885.0881	1456.906
Stddev	4.297	219.34	24.178	6.5544	5.144
%RSD	.3438253	.6690922	.5338764	.7405404	.3530599

#1	1253.745	32719.97	4527.347	883.3035	1461.050
#2	1245.184	32600.49	4505.418	879.6108	1451.149
#3	1250.110	33025.78	4553.707	892.3500	1458.517

Sample Name: M4399-05 Acquired: 11/01/2021 19:10:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494437	-.004565	.5484659	.0046104	.0024199	84.33522	1.419685
Stddev	.0066071	.001772	.0005746	.0047806	.0037579	.29022	.005561
%RSD	13.36282	38.82002	.1047603	103.6913	155.2906	.3441246	.3917287

#1	.0498147	-.006571	.5485758	.0100539	-.000436	84.43566	1.422060
#2	.0426590	-.003913	.5489776	.0010949	.006677	84.56188	1.413330
#3	.0558575	-.003212	.5478443	.0026824	.001018	84.00813	1.423664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075636	.0250517	43.77071	.1367924	.0711461	.1932764	149.8951
Stddev	.0002157	.0003019	.05867	.0011985	.0003857	.0022676	1.1184
%RSD	2.851785	1.205190	.1340302	.8761263	.5420614	1.173235	.7460925

#1	.0076762	.0247437	43.77050	.1364560	.0714968	.1956677	150.0133
#2	.0076997	.0253472	43.71215	.1357981	.0712084	.1911571	150.9497
#3	.0073149	.0250641	43.82948	.1381231	.0707331	.1930044	148.7224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.263721	25.89261	.1154318	.0037592	1.635696	.2485045	3.192034
Stddev	.014071	.24604	.0001527	.0001291	.275439	.0025728	.061061
%RSD	.2673162	.9502453	.1322960	3.434685	16.83928	1.035322	1.912933

#1	5.267870	25.94011	.1154147	.0037389	1.953114	.2508966	3.213629
#2	5.248043	26.11144	.1152883	.0038973	1.459640	.2488341	3.123109
#3	5.275251	25.62628	.1155923	.0036414	1.494332	.2457827	3.239362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.278341	2.660548	-.004386	.0034303	1.912761	12.27916	.0080362
Stddev	.074028	.005190	.004442	.0001914	.003215	.14415	.0046699
%RSD	1.730295	.1950766	101.2612	5.578585	.1680745	1.173950	58.11082

#1	4.308171	2.661866	-.000836	.0032860	1.909144	12.25504	.0043243
#2	4.332801	2.664951	-.009367	.0036474	1.913848	12.43386	.0065048
#3	4.194052	2.654825	-.002957	.0033574	1.915292	12.14860	.0132795

Sample Name: M4399-05 Acquired: 11/01/2021 19:10:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.049001	.0582481	-.038660
Stddev	.004429	.0006175	.001026
%RSD	.4221933	1.060090	2.655058

#1	1.052453	.0575352	-.038527
#2	1.050543	.0586134	-.039747
#3	1.044008	.0585958	-.037707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.180	32942.87	4571.900	888.2266	1463.978
Stddev	1.745	60.32	55.374	14.2279	1.733
%RSD	.1384834	.1831079	1.211185	1.601828	.1183483

#1	1259.036	32891.13	4560.976	873.7572	1465.041
#2	1259.315	33009.12	4522.801	902.2000	1461.978
#3	1262.188	32928.35	4631.922	888.7225	1464.914

Sample Name: M4399-06 Acquired: 11/01/2021 19:14:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0500480	-.004210	.2707761	.0069958	.0019205	106.1070	1.336640
Stddev	.0010209	.006466	.0026584	.0094404	.0012273	1.2848	.018136
%RSD	2.039799	153.5635	.9817587	134.9443	63.90462	1.210842	1.356807

#1	.0490977	.001837	.2722845	.0130569	.0032903	106.6226	1.345375
#2	.0511272	-.003443	.2677066	.0118117	.0015499	104.6445	1.315790
#3	.0499192	-.011026	.2723371	-.003881	.0009212	107.0539	1.348756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084654	.0123126	28.98608	.1514302	.0520288	.1381785	177.6890
Stddev	.0000937	.0002811	.41495	.0022420	.0009953	.0015629	2.2172
%RSD	1.107070	2.283265	1.431564	1.480574	1.912951	1.131087	1.247811

#1	.0085303	.0125249	29.14772	.1536748	.0517724	.1379389	179.0143
#2	.0083579	.0124192	28.51462	.1514251	.0511869	.1367492	175.1293
#3	.0085080	.0119938	29.29588	.1491907	.0531273	.1398474	178.9233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.194078	22.76271	.1582880	.0048124	5.939881	.2404252	2.294303
Stddev	.051482	.29034	.0024985	.0003451	.046053	.0050084	.025349
%RSD	1.611806	1.275516	1.578434	7.170349	.7753115	2.083151	1.104873

#1	3.216664	22.96505	.1595038	.0045564	5.988127	.2398569	2.300111
#2	3.135163	22.43004	.1554144	.0046760	5.896391	.2357252	2.316244
#3	3.230407	22.89303	.1599460	.0052048	5.935124	.2456935	2.266554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.654750	2.001927	-.023228	.0021549	1.219254	7.247753	.0159457
Stddev	.107519	.034208	.003161	.0007162	.020423	.103083	.0021634
%RSD	1.901391	1.708735	13.60704	33.23744	1.675021	1.422273	13.56711

#1	5.746323	2.014927	-.023762	.0016386	1.242778	7.317574	.0171374
#2	5.536361	1.963125	-.026088	.0018535	1.208933	7.129357	.0134486
#3	5.681566	2.027729	-.019834	.0029726	1.206053	7.296328	.0172512

Sample Name: M4399-06 Acquired: 11/01/2021 19:14:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7822905	.0590302	-.064880
Stddev	.0089321	.0006722	.000525
%RSD	1.141792	1.138805	.8088700

#1	.7831302	.0596950	-.065407
#2	.7729681	.0590448	-.064357
#3	.7907731	.0583508	-.064875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1300.814	33758.23	4732.886	918.7225	1472.325
Stddev	15.986	204.50	57.277	12.4272	16.278
%RSD	1.228944	.6057652	1.210183	1.352663	1.105615

#1	1298.950	33782.02	4688.843	918.3802	1467.731
#2	1317.651	33542.88	4797.636	906.4700	1490.407
#3	1285.842	33949.79	4712.178	931.3174	1458.838

Sample Name: M4399-07 Acquired: 11/01/2021 19:18:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433007	-.007308	.2010250	.0081983	.0009657	90.79844	1.324615
Stddev	.0068654	.002161	.0013370	.0047218	.0010254	.27242	.004082
%RSD	15.85516	29.56980	.6651026	57.59458	106.1820	.3000278	.3081569

#1	.0354336	-.008566	.2023995	.0079484	.0001748	90.82015	1.322626
#2	.0480800	-.004813	.1997289	.0036065	.0021242	90.51581	1.321908
#3	.0463887	-.008546	.2009467	.0130401	.0005980	91.05935	1.329310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072750	.0094817	29.70586	.1316807	.0785775	.1102029	147.7985
Stddev	.0001472	.0003199	.12761	.0009330	.0002888	.0034572	.0820
%RSD	2.023404	3.374280	.4295659	.7085087	.3675669	3.137144	.0555119

#1	.0072108	.0094461	29.61392	.1326900	.0789099	.1064535	147.8014
#2	.0074435	.0098180	29.65211	.1315021	.0784349	.1108906	147.7150
#3	.0071709	.0091811	29.85155	.1308499	.0783878	.1132646	147.8790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940258	18.36996	.1123074	.0029998	1.944120	.2466460	1.196708
Stddev	.022020	.01375	.0010984	.0003721	.076640	.0053982	.005788
%RSD	.4457163	.0748633	.9780311	12.40468	3.942167	2.188629	.4836339

#1	4.935828	18.37064	.1117321	.0029272	1.983196	.2461807	1.190191
#2	4.920790	18.35589	.1135740	.0034028	1.855817	.2414955	1.198687
#3	4.964155	18.38336	.1116162	.0026693	1.993346	.2522617	1.201247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.387471	2.343411	-.011479	.0043176	1.068714	4.576579	.0094627
Stddev	.047309	.006206	.002771	.0005795	.007951	.021243	.0030124
%RSD	1.078270	.2648106	24.14411	13.42110	.7440180	.4641631	31.83450

#1	4.390944	2.350512	-.014297	.0038293	1.077732	4.583101	.0059848
#2	4.338522	2.339028	-.008757	.0041656	1.065700	4.552840	.0111522
#3	4.432948	2.340693	-.011382	.0049579	1.062710	4.593796	.0112513

Sample Name: M4399-07 Acquired: 11/01/2021 19:18:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.101530	.0514586	-.027162
Stddev	.005643	.0006341	.000252
%RSD	.5123005	1.232320	.9280817

#1	1.096918	.0515916	-.027048
#2	1.099849	.0507686	-.027451
#3	1.107822	.0520158	-.026987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.629	32326.89	4482.791	873.8736	1463.615
Stddev	4.116	257.15	15.628	4.7634	1.079
%RSD	.3314661	.7954741	.3486259	.5450945	.0736959

#1	1242.411	32556.04	4489.029	878.6242	1463.795
#2	1245.297	32048.78	4494.337	869.0974	1464.591
#3	1237.178	32375.84	4465.007	873.8992	1462.457

Sample Name: M4399-08 Acquired: 11/01/2021 19:22:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024891	-.003648	.9917085	-.001017	.0077455	45.25745
Stddev	.0050837	.004705	.0029208	.009443	.0001907	.23040
%RSD	4.960267	128.9924	.2945220	928.5935	2.461415	.5090867

#1	.1005774	-.006336	.9940964	.004552	.0075415	45.01496
#2	.1082516	.001785	.9884519	-.011920	.0077758	45.28391
#3	.0986384	-.006393	.9925773	.004317	.0079192	45.47347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7436849	.0054700	.0530028	F 964.7964	.1979606	.0651343
Stddev	.0063142	.0003370	.0001153	4.9741	.0002146	.0006000
%RSD	.8490466	6.161749	.2175664	.5155617	.1083957	.9211226

#1	.7391311	.0058157	.0531353	959.4549	.1977930	.0644477
#2	.7410307	.0054519	.0529474	965.6387	.1982024	.0653975
#3	.7508930	.0051423	.0529256	969.2956	.1978862	.0655578

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5310378	206.2328	4.364712	503.0925	.1580456	.0055502
Stddev	.0055902	.6374	.027467	2.8022	.0004368	.0004277
%RSD	1.052688	.3090852	.6293068	.5569922	.2763796	7.706230

#1	.5312119	205.5590	4.339818	500.4978	.1582287	.0052064
#2	.5253626	206.8263	4.360138	506.0640	.1575470	.0060292
#3	.5365389	206.3130	4.394179	502.7156	.1583611	.0054150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.809448	.2130263	5.009285	7.187301	8.483265	-.003511
Stddev	.321366	.0018314	.024320	.047110	.036201	.000599
%RSD	17.76045	.8597250	.4854993	.6554635	.4267373	17.07287

#1	2.139011	.2143626	5.032987	7.134447	8.524107	-.003370
#2	1.496960	.2109386	5.010478	7.202584	8.470556	-.004169
#3	1.792372	.2137775	4.984391	7.224872	8.455132	-.002995

Sample Name: M4399-08 Acquired: 11/01/2021 19:22:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308651	5.100341	5.849821	.0638227	.7615560	.0592250
Stddev	.0004795	.019325	.037546	.0029690	.0023445	.0009823
%RSD	1.553523	.3788970	.6418344	4.651990	.3078614	1.658642

#1	.0305888	5.107294	5.809441	.0661227	.7600413	.0600075
#2	.0305876	5.078502	5.856343	.0604710	.7642566	.0595450
#3	.0314187	5.115228	5.883679	.0648745	.7603702	.0581226

Elem	Sr4077
Units	ppm
Avg	.3720682
Stddev	.0023796
%RSD	.6395513

#1	.3699250
#2	.3716508
#3	.3746289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.841	30500.54	4293.700	797.7088	1228.788
Stddev	1.322	189.68	23.349	2.5748	.287
%RSD	.1172873	.6218746	.5437929	.3227800	.0233292

#1	1128.237	30328.83	4319.315	800.6776	1228.944
#2	1125.609	30468.65	4288.176	796.0849	1228.457
#3	1126.678	30704.13	4273.608	796.3638	1228.963

Sample Name: M4399-09 Acquired: 11/01/2021 19:26:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774359	-.009693	3.476023	-.002656	.0036865	59.65572	1.113498
Stddev	.0059948	.005607	.005351	.002858	.0019877	.16938	.004936
%RSD	7.741686	57.84173	.1539518	107.5855	53.91869	.2839369	.4432673

#1	.0709879	-.008790	3.476355	-.002945	.0022145	59.59888	1.111408
#2	.0828407	-.004593	3.470513	-.005359	.0028973	59.52207	1.109950
#3	.0784790	-.015696	3.481201	.000335	.0059476	59.84622	1.119134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066948	.0517580	435.9555	.1594670	.0542743	.3969896	224.1271
Stddev	.0001576	.0004074	1.5184	.0014566	.0003097	.0012361	.5620
%RSD	2.353580	.7870846	.3482879	.9134061	.5705211	.3113690	.2507307

#1	.0068504	.0518102	436.0856	.1611308	.0541005	.3968615	224.1801
#2	.0066988	.0513270	434.3763	.1588482	.0540905	.3982848	224.6607
#3	.0065353	.0521367	437.4047	.1584220	.0546318	.3958225	223.5405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.385767	196.5287	.1346690	.0061573	1.201715	.1846114	7.243588
Stddev	.006962	.4792	.0012429	.0002884	.148925	.0034044	.053595
%RSD	.1587342	.2438369	.9229007	4.683828	12.39273	1.844086	.7398902

#1	4.390623	196.6201	.1336261	.0062165	1.042930	.1873614	7.297527
#2	4.377791	196.9557	.1343367	.0058439	1.338285	.1856692	7.190345
#3	4.388887	196.0104	.1360442	.0064116	1.223928	.1808037	7.242892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.488264	5.252058	-.026732	.0089136	3.287475	10.59232	.0262300
Stddev	.069589	.011585	.004062	.0011812	.016008	.03907	.0030444
%RSD	1.072538	.2205855	15.19424	13.25161	.4869512	.3688649	11.60667

#1	6.449408	5.253276	-.026032	.0092380	3.296032	10.59382	.0228504
#2	6.568605	5.239911	-.031099	.0098988	3.297386	10.63061	.0287579
#3	6.446780	5.262985	-.023067	.0076041	3.269007	10.55251	.0270816

Sample Name: M4399-09 Acquired: 11/01/2021 19:26:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9375768	.0488412	.0878560
Stddev	.0063419	.0009383	.0016728
%RSD	.6764189	1.921140	1.904068

#1	.9360515	.0478473	.0869204
#2	.9321366	.0489644	.0868603
#3	.9445423	.0497118	.0897873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1167.272	31155.24	4355.929	826.4422	1331.666
Stddev	1.709	174.96	4.944	3.6189	.826
%RSD	.1464156	.5615891	.1134940	.4378875	.0620409

#1	1165.333	31040.45	4351.716	824.0966	1330.887
#2	1167.922	31068.65	4361.371	830.6100	1332.533
#3	1168.561	31356.61	4354.699	824.6200	1331.577

Sample Name: M4399-10 Acquired: 11/01/2021 19:30:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429683	-.002051	.8808135	-.002843	.0006140	99.10652	2.088851
Stddev	.0055857	.004965	.0052494	.014609	.0026493	.50154	.003932
%RSD	12.99958	242.0492	.5959722	513.8265	431.4841	.5060589	.1882536

#1	.0492030	-.006915	.8748376	.008472	.0015706	98.78774	2.084738
#2	.0412817	-.002248	.8846804	-.019336	.0026521	98.84719	2.089243
#3	.0384203	.003009	.8829225	.002334	-.002381	99.68463	2.092573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092698	.0478763	53.20434	.2278892	.0863390	.1855638	203.9725
Stddev	.0001698	.0002810	.11532	.0007477	.0005297	.0018721	1.0995
%RSD	1.832027	.5868389	.2167461	.3280865	.6134968	1.008898	.5390248

#1	.0093088	.0478717	53.13489	.2282006	.0859305	.1840978	203.3004
#2	.0090839	.0481596	53.14068	.2270362	.0869375	.1849209	203.3758
#3	.0094167	.0475977	53.33746	.2284309	.0861491	.1876727	205.2413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.468360	23.18331	.1425671	.0055303	1.363968	.3139663	4.563673
Stddev	.013554	.11359	.0003414	.0001917	.174752	.0017433	.065157
%RSD	.2095490	.4899454	.2394707	3.465780	12.81205	.5552603	1.427742

#1	6.458733	23.16625	.1424985	.0053563	1.293942	.3133546	4.519687
#2	6.462486	23.07921	.1429376	.0057357	1.235088	.3126114	4.638529
#3	6.483861	23.30445	.1422652	.0054990	1.562872	.3159331	4.532804

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.613016	3.277163	-.025281	.0050208	1.801889	4.549684	.0111335
Stddev	.030923	.017449	.002072	.0003132	.011827	.058358	.0015885
%RSD	.4676061	.5324333	8.193888	6.237893	.6563548	1.282691	14.26766

#1	6.627124	3.290896	-.025159	.0051907	1.792892	4.565517	.0094934
#2	6.577556	3.283064	-.023273	.0046594	1.815285	4.485043	.0126648
#3	6.634369	3.257529	-.027411	.0052124	1.797491	4.598492	.0112422

Sample Name: M4399-10 Acquired: 11/01/2021 19:30:28 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9696718	.0738359	.0339657
Stddev	.0068258	.0012534	.0012368
%RSD	.7039260	1.697580	3.641339

#1	.9668048	.0737352	.0338977
#2	.9647471	.0726359	.0352352
#3	.9774635	.0751366	.0327643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1225.033	32071.51	4462.058	869.1501	1450.473
Stddev	1.649	253.45	17.002	8.7597	2.349
%RSD	.1345867	.7902591	.3810257	1.007844	.1619735

#1	1223.367	32280.44	4451.831	872.0647	1449.473
#2	1225.067	31789.57	4481.684	859.3046	1448.788
#3	1226.664	32144.51	4452.660	876.0809	1453.157

Sample Name: M4399-11 Acquired: 11/01/2021 19:34:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512212	-.001505	1.749570	.0032636	.0045357	77.20824	1.665535
Stddev	.0038152	.003710	.007843	.0122333	.0008414	.44518	.001067
%RSD	7.448474	246.4833	.4482773	374.8361	18.55056	.5766017	.0640415

#1	.0492160	-.005425	1.741087	.0123612	.0035842	76.79281	1.664316
#2	.0488267	-.001043	1.751065	-.010644	.0048412	77.67816	1.666296
#3	.0556208	.001952	1.756558	.008073	.0051817	77.15376	1.665993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088521	.1085598	63.16160	.2587791	.0863724	.2499701	176.4770
Stddev	.0000488	.0003403	.04422	.0014768	.0004833	.0014552	1.9088
%RSD	.5512928	.3134815	.0700119	.5706637	.5595091	.5821461	1.081598

#1	.0088959	.1086185	63.11646	.2601835	.0861994	.2507485	174.9744
#2	.0087995	.1081940	63.20484	.2589146	.0869184	.2482913	178.6248
#3	.0088609	.1088670	63.16349	.2572393	.0859995	.2508706	175.8319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.530025	22.86073	.1393470	.0065665	1.068739	.2628543	9.681736
Stddev	.018902	.34073	.0004815	.0005118	.222656	.0026079	.100513
%RSD	.2510261	1.490469	.3455628	7.794502	20.83351	.9921654	1.038171

#1	7.546730	22.68928	.1398994	.0068715	1.285895	.2646120	9.589352
#2	7.509507	23.25314	.1391259	.0068525	.840963	.2640931	9.788770
#3	7.533838	22.63978	.1390158	.0059756	1.079359	.2598579	9.667085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.578335	4.581331	-.019353	.0057447	3.170167	3.374755	.0214742
Stddev	.079040	.019375	.004805	.0007261	.008251	.007457	.0029637
%RSD	1.201515	.4229078	24.82600	12.64009	.2602626	.2209786	13.80116

#1	6.491003	4.560038	-.024350	.0053126	3.165208	3.380440	.0247694
#2	6.599039	4.597922	-.014766	.0053385	3.165602	3.366311	.0206267
#3	6.644961	4.586033	-.018944	.0065830	3.179692	3.377513	.0190266

Sample Name: M4399-11 Acquired: 11/01/2021 19:34:32 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA00 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.308844	.0620079	.0023788
Stddev	.011526	.0007112	.0010347
%RSD	.8806383	1.147026	43.49844

#1	1.295564	.0615291	.0032912
#2	1.316249	.0616694	.0012545
#3	1.314718	.0628251	.0025906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.146	32224.38	4473.751	872.7289	1449.020
Stddev	2.743	136.47	28.117	8.4643	.478
%RSD	.2222689	.4235060	.6284866	.9698674	.0329536

#1	1230.997	32260.83	4497.285	880.1236	1449.567
#2	1236.011	32073.38	4442.614	863.4968	1448.806
#3	1235.431	32338.91	4481.352	874.5663	1448.686

Sample Name: M4399-12 Acquired: 11/01/2021 19:38:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518950	-.005205	1.157863	.0030463	.0072233	118.4937	2.427746
Stddev	.0035452	.002648	.005907	.0115954	.0039127	.4031	.006251
%RSD	6.831552	50.86762	.5101722	380.6436	54.16781	.3401508	.2574955

#1	.0480319	-.002500	1.156477	.0005364	.0027264	118.5379	2.420975
#2	.0549995	-.007791	1.164341	.0156911	.0098493	118.0703	2.433298
#3	.0526537	-.005323	1.152773	-.007089	.0090943	118.8728	2.428965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145304	.1607423	206.8116	.1897232	.1132834	.2990658	221.2056
Stddev	.0000894	.0004264	.1992	.0003069	.0004768	.0036780	1.8079
%RSD	.6153301	.2652522	.0963028	.1617757	.4208966	1.229843	.8173125

#1	.0144948	.1606486	206.6644	.1899635	.1129466	.3023414	222.0893
#2	.0144643	.1612077	207.0382	.1898287	.1130748	.2997692	219.1258
#3	.0146321	.1603705	206.7322	.1893774	.1138290	.2950869	222.4017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.621875	39.31009	.3500943	.0074908	1.874595	.3320412	10.84457
Stddev	.038693	.24809	.0015975	.0006981	.166153	.0035709	.01357
%RSD	.4487714	.6311070	.4563055	9.319731	8.863388	1.075424	.1251472

#1	8.616616	39.21627	.3495102	.0073172	2.058721	.3281795	10.84441
#2	8.662928	39.12260	.3519017	.0068959	1.829221	.3327204	10.85822
#3	8.586081	39.59141	.3488711	.0082594	1.735843	.3352236	10.83108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.58027	9.355039	.0168930	.0072711	2.772018	6.040417	.0218426
Stddev	.03270	.025347	.0065618	.0002380	.016108	.076783	.0009199
%RSD	.1278432	.2709490	38.84334	3.272596	.5811046	1.271156	4.211396

#1	25.57874	9.375715	.0196240	.0073885	2.789534	6.066395	.0213428
#2	25.54836	9.362643	.0216482	.0069973	2.757840	5.954015	.0212808
#3	25.61371	9.326760	.0094067	.0074276	2.768681	6.100841	.0229042

Sample Name: M4399-12 Acquired: 11/01/2021 19:38:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA22 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7663104	.0843133	.5576587
Stddev	.0063789	.0012991	.0004325
%RSD	.8324230	1.540820	.0775488

#1	.7650431	.0843839	.5573626
#2	.7606603	.0829803	.5581550
#3	.7732279	.0855756	.5574586

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.294	34056.99	4753.384	909.3390	1391.324
Stddev	2.495	20.07	32.469	5.9718	1.511
%RSD	.1927645	.0589255	.6830699	.6567215	.1086095

#1	1291.529	34070.25	4720.075	907.4332	1390.179
#2	1296.378	34033.90	4784.942	904.5527	1390.757
#3	1294.974	34066.82	4755.135	916.0311	1393.037

Sample Name: M4399-13 Acquired: 11/01/2021 19:42:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559916	-.005554	.8704974	.0021494	.0036033	103.8965	1.454404
Stddev	.0038499	.004037	.0036179	.0043530	.0030606	.1205	.000671
%RSD	6.875783	72.68560	.4156087	202.5180	84.94027	.1160274	.0461182

#1	.0603488	-.006120	.8746275	.0055595	.0004771	103.9869	1.455022
#2	.0530498	-.001264	.8689761	-.002754	.0065939	103.7596	1.453691
#3	.0545761	-.009279	.8678886	.003642	.0037389	103.9429	1.454501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103491	.0568116	184.5627	.1597588	.0567563	.2345226	191.3638
Stddev	.0001729	.0002786	.0652	.0008082	.0003182	.0010631	.6894
%RSD	1.670979	.4904156	.0353390	.5059082	.5607196	.4533180	.3602518

#1	.0105014	.0567561	184.6106	.1606914	.0566513	.2356839	192.1594
#2	.0103848	.0571138	184.5891	.1592638	.0565039	.2335973	190.9435
#3	.0101611	.0565649	184.4884	.1593210	.0571138	.2342866	190.9885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.884330	56.12100	.1765036	.0058488	.8985666	.2606299	6.095541
Stddev	.011686	.22018	.0015813	.0000953	.0758801	.0061141	.025517
%RSD	.3008622	.3923329	.8958937	1.629765	8.444568	2.345877	.4186142

#1	3.897823	56.37100	.1772253	.0059380	.9860767	.2589973	6.093022
#2	3.877719	55.95594	.1746902	.0057484	.8510339	.2673945	6.071377
#3	3.877447	56.03606	.1775952	.0058599	.8585892	.2554978	6.122224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.843481	5.896040	-.014090	.0042770	2.609152	11.64895	.0299561
Stddev	.012642	.026370	.002938	.0004955	.009605	.03232	.0017628
%RSD	.1429511	.4472409	20.85167	11.58535	.3681251	.2774537	5.884719

#1	8.850268	5.867949	-.016783	.0044827	2.614065	11.68436	.0284844
#2	8.851279	5.920261	-.010957	.0046365	2.598085	11.64149	.0319098
#3	8.828895	5.899909	-.014530	.0037118	2.615307	11.62102	.0294740

Sample Name: M4399-13 Acquired: 11/01/2021 19:42:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA84 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7767522	.0790699	.1099608
Stddev	.0017946	.0013224	.0009826
%RSD	.2310320	1.672449	.8935811

#1	.7787941	.0801379	.1093230
#2	.7754257	.0794810	.1110923
#3	.7760368	.0775908	.1094670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.881	34079.64	4730.610	914.3077	1401.213
Stddev	3.120	84.00	13.468	3.0534	2.476
%RSD	.2415212	.2464945	.2847034	.3339623	.1766940

#1	1288.280	34128.13	4731.394	917.8279	1401.184
#2	1293.769	33982.64	4716.766	912.3752	1398.753
#3	1293.595	34128.16	4743.669	912.7200	1403.704

Sample Name: M4399-14 Acquired: 11/01/2021 19:46:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587341	-.000367	.7907098	-.000539	.0053443	91.23241	1.283390
Stddev	.0083801	.008970	.0025225	.011182	.0012882	.27715	.003255
%RSD	14.26786	2441.614	.3190132	2074.599	24.10319	.3037874	.2536115

#1	.0587190	.008610	.7879537	.012304	.0038712	91.23425	1.283372
#2	.0671217	-.000382	.7929038	-.005807	.0062592	90.95435	1.280144
#3	.0503615	-.009330	.7912720	-.008114	.0059025	91.50864	1.286653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123975	.0391886	181.1576	.1785096	.0830971	.1982921	220.9185
Stddev	.0001945	.0003837	.6229	.0013550	.0002927	.0031048	.3851
%RSD	1.569027	.9790417	.3438670	.7590717	.3522431	1.565764	.1743018

#1	.0125452	.0391353	180.9013	.1791267	.0833508	.1991205	220.6080
#2	.0121771	.0395961	180.7037	.1794461	.0831637	.1948572	220.7981
#3	.0124701	.0388343	181.8678	.1769558	.0827769	.2008987	221.3494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.627257	36.52324	.2246455	.0070921	1.483586	.2501772	3.996922
Stddev	.007763	.15767	.0012123	.0003303	.337776	.0031794	.015835
%RSD	.2140103	.4316889	.5396545	4.657280	22.76753	1.270841	.3961917

#1	3.623373	36.35248	.2235387	.0072360	1.851436	.2479340	3.982624
#2	3.622202	36.55396	.2259411	.0073260	1.187378	.2487820	3.994200
#3	3.636195	36.66329	.2244566	.0067143	1.411945	.2538156	4.013942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.392138	5.735363	-.000553	.0055158	7.187733	5.249876	.0400257
Stddev	.134924	.019636	.002146	.0011423	.007496	.015306	.0011807
%RSD	1.436564	.3423631	388.3509	20.71018	.1042898	.2915440	2.949878

#1	9.538927	5.713143	.000552	.0061889	7.187668	5.246044	.0401348
#2	9.273529	5.750380	-.003026	.0041968	7.195262	5.266734	.0387943
#3	9.363960	5.742566	.000816	.0061616	7.180270	5.236851	.0411481

Sample Name: M4399-14 Acquired: 11/01/2021 19:46:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA85 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.024291	.1045161	.2094898
Stddev	.005348	.0007838	.0006791
%RSD	.5220944	.7499382	.3241712

#1	1.018600	.1036318	.2101053
#2	1.025060	.1051252	.2087612
#3	1.029212	.1047914	.2096028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1266.076	33455.94	4648.661	904.2735	1412.844
Stddev	2.326	38.95	10.133	3.7967	2.175
%RSD	.1837344	.1164071	.2179868	.4198618	.1539512

#1	1264.962	33477.34	4660.195	903.5074	1414.575
#2	1264.515	33410.99	4641.186	900.9184	1410.402
#3	1268.749	33479.50	4644.602	908.3949	1413.555

Sample Name: M4399-15 Acquired: 11/01/2021 19:50:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2527977	-.004968	.2350013	.0106364	.0070568	86.04946	1.338746
Stddev	.0062022	.010454	.0028678	.0038013	.0025355	.31297	.003379
%RSD	2.453405	210.4367	1.220318	35.73850	35.92922	.3637094	.2524092

#1	.2456436	.004886	.2376047	.0134527	.0086960	86.14050	1.335018
#2	.2566597	-.003856	.2319274	.0121440	.0083381	86.30681	1.341608
#3	.2560897	-.015934	.2354719	.0063126	.0041364	85.70106	1.339610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068896	.0104446	558.9050	.1241585	.0749739	.1757595	139.1016
Stddev	.0001219	.0002713	.4118	.0009477	.0001596	.0045634	1.1917
%RSD	1.769291	2.597692	.0736880	.7632847	.2128751	2.596407	.8566852

#1	.0068842	.0102475	558.8215	.1232484	.0747939	.1804524	140.0314
#2	.0067705	.0103323	559.3523	.1240873	.0750297	.1754884	139.5152
#3	.0070141	.0107541	558.5414	.1251397	.0750982	.1713376	137.7582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.432971	36.10112	.1563702	.0033536	.8775479	.1825572	1.052209
Stddev	.014198	.39323	.0015159	.0002725	.2583473	.0040107	.007560
%RSD	.2207067	1.089256	.9694583	8.126256	29.43967	2.196958	.7184971

#1	6.419413	36.38836	.1549188	.0034375	1.140378	.1844825	1.046750
#2	6.431767	36.26205	.1562483	.0030490	.868336	.1779468	1.049039
#3	6.447732	35.65294	.1579433	.0035743	.623930	.1852421	1.060838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.475874	3.568144	-.002509	.0065631	2.344348	3.637595	.0230441
Stddev	.105197	.003491	.004176	.0001390	.007436	.014652	.0038338
%RSD	1.407152	.0978494	166.4605	2.117920	.3171945	.4028007	16.63665

#1	7.592020	3.564438	.001717	.0065138	2.352790	3.629191	.0209146
#2	7.386995	3.568623	-.002610	.0064555	2.341481	3.629081	.0274699
#3	7.448608	3.571372	-.006634	.0067200	2.338771	3.654514	.0207478

Sample Name: M4399-15 Acquired: 11/01/2021 19:50:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA86 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4109480	.0908007	.6649150
Stddev	.0028059	.0033190	.0019114
%RSD	.6827919	3.655224	.2874672

#1	.4126093	.0938418	.6628010
#2	.4125263	.0913000	.6654230
#3	.4077083	.0872604	.6665212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.009	32025.05	4479.597	851.3746	1344.182
Stddev	1.766	172.65	13.452	3.1036	1.554
%RSD	.1462134	.5390956	.3002968	.3645424	.1155987

#1	1207.552	32125.40	4495.111	854.5536	1342.390
#2	1206.516	31825.69	4471.164	851.2178	1344.989
#3	1209.959	32124.05	4472.516	848.3523	1345.166

Sample Name: M4399-16 Acquired: 11/01/2021 19:54:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460827	.0037518	2.435476	.0012614	.0026974	93.99424	1.541372
Stddev	.0023035	.0021931	.008206	.0075509	.0046342	.44028	.005044
%RSD	4.998525	58.45484	.3369556	598.6047	171.8021	.4684108	.3272470

#1	.0438483	.0014906	2.429993	-.007016	.0027523	93.48722	1.544174
#2	.0459504	.0058698	2.431524	.007772	.0073039	94.21546	1.535549
#3	.0484495	.0038949	2.444911	.003029	-.001964	94.28005	1.544392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113197	.1542729	176.8361	.1453692	.0697943	.2750231	181.1582
Stddev	.0000795	.0001189	.2122	.0014616	.0009121	.0010541	1.5779
%RSD	.7021136	.0770751	.1200103	1.005438	1.306866	.3832828	.8709929

#1	.0114110	.1543489	177.0217	.1469718	.0706507	.2752001	179.4177
#2	.0112827	.1541359	176.8818	.1450264	.0688352	.2738917	182.4949
#3	.0112655	.1543339	176.6047	.1441095	.0698971	.2759775	181.5621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.055029	67.26986	.1545354	.0065464	.9452084	.2452255	11.28907
Stddev	.013134	.73747	.0009192	.0002497	.1667672	.0109286	.10231
%RSD	.2169034	1.096291	.5947926	3.814836	17.64344	4.456536	.9062962

#1	6.070146	66.44836	.1544810	.0065707	1.137491	.2326176	11.19950
#2	6.048520	67.87484	.1554805	.0062854	.840015	.2519930	11.40057
#3	6.046421	67.48636	.1536446	.0067831	.858120	.2510658	11.26714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77755	9.568111	.0164825	.0077325	5.234627	5.685950	.0300363
Stddev	.12948	.047888	.0057973	.0009876	.021501	.035601	.0023721
%RSD	1.201384	.5004956	35.17217	12.77187	.4107536	.6261289	7.897483

#1	10.64805	9.566821	.0140173	.0071798	5.223144	5.688413	.0273117
#2	10.77760	9.520881	.0231049	.0088727	5.221306	5.649182	.0311552
#3	10.90701	9.616631	.0123252	.0071451	5.259432	5.720257	.0316421

Sample Name: M4399-16 Acquired: 11/01/2021 19:54:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA87 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.040000	.0576578	.0737091
Stddev	.005954	.0012287	.0013561
%RSD	.5725256	2.131059	1.839795

#1	1.033680	.0567063	.0748392
#2	1.045505	.0590450	.0722054
#3	1.040816	.0572222	.0740829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.424	33183.97	4601.771	896.9654	1405.567
Stddev	2.470	44.03	10.138	4.1609	2.593
%RSD	.1959850	.1326885	.2203169	.4638894	.1844659

#1	1257.692	33234.77	4608.911	899.0515	1407.072
#2	1262.500	33156.90	4606.236	899.6706	1407.057
#3	1261.080	33160.23	4590.167	892.1741	1402.574

Sample Name: M4399-17 Acquired: 11/01/2021 19:58:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619293	-.005333	1.323071	.0013593	.0043015	109.8075	1.546987
Stddev	.0135128	.002670	.002007	.0016024	.0034240	.1391	.001298
%RSD	21.81967	50.07530	.1516682	117.8851	79.60196	.1266561	.0838861

#1	.0515430	-.004644	1.322429	-.000382	.0055774	109.9317	1.547639
#2	.0570384	-.003074	1.321465	.001688	.0004226	109.8336	1.547829
#3	.0772065	-.008280	1.325321	.002772	.0069043	109.6572	1.545492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132380	.0836525	132.5536	.1409078	.0686956	.2548180	200.5220
Stddev	.0001188	.0000772	.1873	.0013578	.0012849	.0034013	.5014
%RSD	.8972640	.0923106	.1413081	.9636078	1.870456	1.334780	.2500343

#1	.0131633	.0835638	132.3562	.1393821	.0674526	.2568955	201.0521
#2	.0133749	.0836887	132.7289	.1413581	.0686155	.2508928	200.0554
#3	.0131756	.0837049	132.5756	.1419832	.0700187	.2566657	200.4584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.988815	55.79947	.1532704	.0059929	1.311502	.2659175	7.873121
Stddev	.012284	.24288	.0008588	.0003976	.247047	.0049358	.039494
%RSD	.2462325	.4352783	.5603029	6.634308	18.83692	1.856136	.5016253

#1	4.974645	56.07992	.1526096	.0060532	1.575528	.2679505	7.848796
#2	4.996460	55.66045	.1529605	.0055686	1.085949	.2602899	7.851878
#3	4.995340	55.65804	.1542411	.0063568	1.273029	.2695122	7.918690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.909663	6.802155	.0703106	.0078166	5.585296	12.04626	.0213095
Stddev	.038623	.029332	.0016382	.0002908	.011502	.02421	.0041447
%RSD	.4334953	.4312142	2.330013	3.720451	.2059364	.2009638	19.45006

#1	8.904400	6.768643	.0701144	.0075717	5.575222	12.05400	.0253898
#2	8.950647	6.814659	.0720381	.0081380	5.597829	12.06565	.0171033
#3	8.873941	6.823162	.0687793	.0077400	5.582838	12.01913	.0214355

Sample Name: M4399-17 Acquired: 11/01/2021 19:58:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8149346	.0666256	.0293369
Stddev	.0005983	.0014412	.0007162
%RSD	.0734198	2.163075	2.441108

#1	.8156022	.0666082	.0285167
#2	.8144469	.0651933	.0296560
#3	.8147546	.0680754	.0298380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.473	33386.21	4648.590	899.4522	1417.818
Stddev	2.955	172.12	5.038	5.4641	3.838
%RSD	.2326195	.5155467	.1083736	.6074929	.2707109

#1	1273.290	33482.34	4651.745	905.7596	1422.249
#2	1270.733	33488.79	4642.780	896.1600	1415.514
#3	1267.396	33187.50	4651.244	896.4371	1415.691

Sample Name: M4399-18 Acquired: 11/01/2021 20:02:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499628	-.007422	.7113371	.0010331	.0009666	95.87291
Stddev	.0090135	.000720	.0027390	.0048091	.0022633	.27108
%RSD	18.04035	9.704843	.3850526	465.4932	234.1576	.2827523

#1	.0602268	-.006666	.7133593	.0061642	.0034561	95.93289
#2	.0433372	-.007498	.7082200	.0003065	-.000967	95.57686
#3	.0463245	-.008101	.7124320	-.003371	.000411	96.10899

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.999036	.0117773	.0785793	80.83536	.1290700	.0675306
Stddev	.004839	.0000448	.0002222	.16598	.0004569	.0006114
%RSD	.2420605	.3801276	.2828163	.2053361	.3540030	.9054330

#1	2.002950	.0118051	.0786859	80.94955	.1291316	.0676430
#2	1.993626	.0117257	.0787283	80.64496	.1285855	.0668708
#3	2.000531	.0118012	.0783239	80.91158	.1294931	.0680781

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1765094	155.2134	7.138565	18.29605	.1181505	.0049750
Stddev	.0036497	.9493	.010276	.09890	.0002820	.0003703
%RSD	2.067715	.6116154	.1439511	.5405453	.2386543	7.442454

#1	.1798332	155.0973	7.149814	18.35162	.1178660	.0047445
#2	.1726037	154.3276	7.136208	18.18187	.1184299	.0047784
#3	.1770912	156.2155	7.129672	18.35466	.1181557	.0054021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8447567	.2479976	5.012600	7.405854	F 13.87307	.0592215
Stddev	.2937774	.0049486	.072375	.061763	.05410	.0037326
%RSD	34.77657	1.995438	1.443869	.8339755	.3899926	6.302804

#1	.9116207	.2483545	4.960124	7.345922	13.83935	.0630042
#2	1.099339	.2428802	5.095166	7.469298	13.84439	.0591190
#3	.523311	.2527582	4.982509	7.402342	13.93548	.0555411

Sample Name: M4399-18 Acquired: 11/01/2021 20:02:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA89 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060451	4.187183	8.261003	.0649215	.6490349	.0713620
Stddev	.0009377	.018667	.052462	.0023724	.0038836	.0008775
%RSD	15.51176	.4458172	.6350605	3.654298	.5983618	1.229633

#1	.0062209	4.167663	8.239576	.0652353	.6493617	.0720898
#2	.0068825	4.189027	8.222646	.0671214	.6449982	.0703876
#3	.0050320	4.204860	8.320787	.0624078	.6527447	.0716086

Elem	Sr4077
Units	ppm
Avg	.1347850
Stddev	.0009565
%RSD	.7096641

#1	.1341278
#2	.1358824
#3	.1343449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.578	33271.20	4601.204	900.7302	1454.291
Stddev	1.652	170.31	16.596	12.4718	1.204
%RSD	.1301424	.5118752	.3606864	1.384629	.0827613

#1	1267.682	33433.33	4607.370	909.9521	1455.505
#2	1270.341	33093.75	4613.835	886.5400	1454.269
#3	1270.710	33286.51	4582.408	905.6986	1453.098

Sample Name: CCV086 Acquired: 11/01/2021 20:06:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.936215	4.776404	24.82678	4.750683	4.817151	407.7279	9.835660
Stddev	.006626	.009258	.06590	.017944	.016128	1.8352	.008930
%RSD	.1342222	.1938333	.2654454	.3777138	.3348111	.4500946	.0907965

#1	4.942209	4.775995	24.89533	4.735113	4.816892	405.7702	9.829291
#2	4.937337	4.767357	24.76389	4.770307	4.833408	408.0045	9.831822
#3	4.929101	4.785860	24.82112	4.746628	4.801154	409.4091	9.845868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5192915	2.406930	393.4125	15.04882	2.430702	15.04211	416.3909
Stddev	.0010382	.003510	.6704	.06126	.003919	.02134	1.6864
%RSD	.1999247	.1458310	.1704134	.4070874	.1612212	.1418430	.4050148

#1	.5182308	2.409466	393.9470	15.09814	2.435003	15.06601	414.7519
#2	.5203056	2.402924	392.6603	15.06807	2.427333	15.02499	416.2996
#3	.5193382	2.408400	393.6302	14.98024	2.429772	15.03534	418.1211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49967	414.6384	2.388581	1.248793	409.8929	2.504734	14.60087
Stddev	.02470	2.2137	.002497	.003021	2.9305	.004503	.21283
%RSD	.1703804	.5338751	.1045402	.2418908	.7149492	.1797742	1.457657

#1	14.52715	412.2678	2.391453	1.252111	407.7061	2.499862	14.38310
#2	14.49255	414.9958	2.386925	1.246203	408.7499	2.508743	14.61113
#3	14.47931	416.6516	2.387364	1.248065	413.2227	2.505597	14.80839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.5973	5.031786	5.234666	4.882591	4.935942	5.202327	4.810657
Stddev	.2605	.016916	.005890	.007164	.006341	.006585	.010225
%RSD	.1685214	.3361828	.1125245	.1467330	.1284681	.1265766	.2125394

#1	154.3017	5.022127	5.231364	4.877108	4.928620	5.204816	4.817100
#2	154.7935	5.051319	5.241466	4.890697	4.939599	5.207304	4.798868
#3	154.6968	5.021912	5.231166	4.879967	4.939608	5.194860	4.816005

Sample Name: CCV086 Acquired: 11/01/2021 20:06:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.203601	5.072514	4.834383
Stddev	.023840	.016202	.006267
%RSD	.4581451	.3194125	.1296250

#1	5.186339	5.064276	4.827350
#2	5.193663	5.062086	4.839374
#3	5.230803	5.091180	4.836424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.8468	27423.90	3855.166	694.3439	1207.118
Stddev	1.1045	138.84	18.970	6.5184	4.820
%RSD	.1124907	.5062873	.4920612	.9387859	.3992715

#1	980.5883	27551.00	3863.681	701.0991	1202.051
#2	982.6550	27444.99	3868.387	693.8411	1211.645
#3	982.2971	27275.72	3833.431	688.0914	1207.658

Sample Name: CCB086 Acquired: 11/01/2021 20:10:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032391	.0017808	-.000470	-.003006	.0032931	-.000375	-.001840
Stddev	.0086503	.0005357	.001781	.005953	.0015007	.010585	.000657
%RSD	267.0599	30.08075	378.5375	198.0358	45.57034	2820.462	35.71031

#1	.0002973	.0017751	-.000534	.002541	.0030080	.011786	-.001138
#2	.0129766	.0023193	-.002219	-.009295	.0049158	-.007514	-.001941
#3	-.003557	.0012480	.001341	-.002263	.0019554	-.005398	-.002440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	.0000020	.0199059	-.000213	.0001550	.0028416	-.005237
Stddev	.000043	.0001099	.0168363	.000188	.0005239	.0023145	.016108
%RSD	56.84786	5483.879	84.57951	87.96451	337.9439	81.45086	307.6008

#1	-.000123	.0000879	.0371941	-.000421	.0006423	.0025864	.003747
#2	-.000040	.0000399	.0035610	-.000166	-.000399	.0006653	.004376
#3	-.000064	-.000122	.0189627	-.000054	.000222	.0052731	-.023834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004772	-.003456	-.000169	.0007812	-.335053	.0017862	.0057549
Stddev	.0005655	.036960	.000449	.0002734	.232777	.0024183	.0041195
%RSD	118.5148	1069.455	265.8832	34.99713	69.47454	135.3873	71.58280

#1	-.000159	-.045110	.000112	.0004827	-.068419	.0008383	.0023336
#2	.000924	.009323	.000068	.0008415	-.497773	.0045348	.0103276
#3	.000666	.025418	-.000686	.0010195	-.438968	-.000015	.0046035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.131272	.0000467	.0045539	.0003733	-.017077	.0008603	-.004662
Stddev	.026213	.0052006	.0010487	.0006012	.007759	.0019258	.001327
%RSD	19.96874	11137.04	23.02936	161.0628	45.43841	223.8498	28.46705

#1	-.101609	.0047641	.0035105	.0001829	-.013239	.0016676	-.003158
#2	-.151319	.0009061	.0056079	-.000110	-.011984	-.001338	-.005667
#3	-.140889	-.005530	.0045432	.001047	-.026007	.002251	-.005162

Sample Name: CCB086 Acquired: 11/01/2021 20:10:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032574	-.006423	.0000271
Stddev	.0008127	.001913	.0000632
%RSD	24.94929	29.79034	233.5505

#1	.0031410	-.008340	.0000862
#2	.0025092	-.006414	.0000344
#3	.0041220	-.004514	-.000039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.850	29248.47	3957.123	791.7885	1447.859
Stddev	3.039	19.39	29.432	4.4502	3.297
%RSD	.2713337	.0663067	.7437763	.5620385	.2277085

#1	1116.341	29227.49	3969.223	794.8475	1444.618
#2	1121.634	29265.74	3978.576	786.6833	1447.751
#3	1121.574	29252.18	3923.569	793.8347	1451.209

Sample Name: M4399-22 Acquired: 11/01/2021 20:14:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309650	-.005341	.3808658	.0082470	.0030358	91.57074	1.796076
Stddev	.0057378	.003372	.0032453	.0032259	.0042061	.44799	.003555
%RSD	18.52998	63.14571	.8520948	39.11662	138.5502	.4892248	.1979339

#1	.0374870	-.003779	.3827257	.0075616	.0006473	91.07258	1.795672
#2	.0266941	-.009211	.3771184	.0117605	.0078923	91.69914	1.792740
#3	.0287139	-.003033	.3827533	.0054188	.0005677	91.94051	1.799815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080740	.0252033	76.84343	.1237455	.0471088	.1171076	135.1205
Stddev	.0001057	.0001304	.25408	.0016002	.0002460	.0023561	.8452
%RSD	1.308765	.5171862	.3306432	1.293106	.5222230	2.011900	.6255224

#1	.0081415	.0251828	77.02211	.1255710	.0468260	.1185135	134.1490
#2	.0079522	.0253426	76.55257	.1225856	.0472266	.1184218	135.6873
#3	.0081283	.0250844	76.95561	.1230798	.0472738	.1143875	135.5251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.469857	23.54199	.0827843	.0036616	.4382495	.2338254	1.966515
Stddev	.009930	.21874	.0007111	.0002739	.3848413	.0084291	.025726
%RSD	.2861859	.9291459	.8589999	7.478989	87.81329	3.604878	1.308185

#1	3.477642	23.30183	.0834047	.0033481	.5245379	.2257737	1.939594
#2	3.458674	23.72983	.0820083	.0038546	.7726217	.2425870	1.990850
#3	3.473257	23.59430	.0829398	.0037819	.0175890	.2331154	1.969101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.464497	6.151001	.0260029	.0050025	2.588857	8.258153	.0201044
Stddev	.072411	.014472	.0021734	.0006694	.006590	.019186	.0036149
%RSD	.9700688	.2352823	8.358213	13.38036	.2545691	.2323235	17.98040

#1	7.381009	6.167616	.0241996	.0042591	2.596365	8.275452	.0189392
#2	7.502299	6.141142	.0284160	.0055573	2.584029	8.237518	.0172158
#3	7.510184	6.144244	.0253929	.0051912	2.586177	8.261489	.0241581

Sample Name: M4399-22 Acquired: 11/01/2021 20:14:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA91 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6282469	.0459508	.0882243
Stddev	.0037125	.0011934	.0006532
%RSD	.5909288	2.597055	.7404061

#1	.6269088	.0467190	.0888015
#2	.6253890	.0445760	.0875152
#3	.6324430	.0465573	.0883561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.308	32832.21	4493.517	889.9411	1454.711
Stddev	1.797	175.61	15.260	5.9698	2.893
%RSD	.1435077	.5348660	.3395907	.6708138	.1988679

#1	1254.356	33029.29	4506.936	896.8257	1457.607
#2	1250.997	32775.02	4496.697	886.1976	1454.705
#3	1251.570	32692.33	4476.918	886.8000	1451.821

Sample Name: M4414-02 Acquired: 11/01/2021 20:18:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399681	-.002613	.8567087	.0015803	.0013992	76.89812	1.759366
Stddev	.0076797	.004060	.0025719	.0125759	.0029552	.08644	.001417
%RSD	19.21456	155.3983	.3002087	795.8146	211.2050	.1124125	.0805551

#1	.0483236	-.006572	.8582273	-.008461	.0005553	76.82966	1.757754
#2	.0383627	.001542	.8537392	-.002484	-.001042	76.86945	1.760413
#3	.0332180	-.002809	.8581596	.015686	.004685	76.99526	1.759932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078873	.0319172	38.56251	.1237673	.0859100	.1299639	151.0879
Stddev	.0000751	.0001286	.08119	.0009248	.0003661	.0028619	.5608
%RSD	.9519240	.4028743	.2105338	.7471927	.4261830	2.202113	.3711513

#1	.0079370	.0319823	38.47160	.1229553	.0855037	.1313894	151.2322
#2	.0078009	.0317691	38.58818	.1235728	.0860119	.1318331	150.4691
#3	.0079240	.0320002	38.62776	.1247739	.0862144	.1266691	151.5624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.892987	15.51869	.1200111	.0043081	.7810999	.2447131	5.019960
Stddev	.005050	.10450	.0003578	.0002643	.3851716	.0030808	.006933
%RSD	.0856886	.6733617	.2980975	6.133961	49.31144	1.258943	.1381087

#1	5.898698	15.48241	.1199040	.0044412	.5020199	.2481727	5.027621
#2	5.891150	15.43717	.1204101	.0044794	1.220545	.2437004	5.014117
#3	5.889114	15.63649	.1197191	.0040038	.620735	.2422660	5.018141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.169111	3.189264	.0006011	.0066338	2.353954	5.680560	.0088261
Stddev	.006502	.011368	.0050615	.0006804	.009414	.041042	.0029034
%RSD	.1054033	.3564494	842.0954	10.25704	.3999363	.7225011	32.89512

#1	6.174078	3.197823	.0030378	.0058545	2.354354	5.641464	.0119286
#2	6.161751	3.176365	-.005218	.0071100	2.363162	5.723304	.0061747
#3	6.171505	3.193603	.003983	.0069369	2.344346	5.676911	.0083750

Sample Name: M4414-02 Acquired: 11/01/2021 20:18:57 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA23 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.386333	.0576920	.0428679
Stddev	.005678	.0009178	.0004230
%RSD	.4095902	1.590848	.9867333

#1	1.388431	.0570586	.0432395
#2	1.379904	.0587445	.0429567
#3	1.390664	.0572729	.0424076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1267.934	33172.31	4516.678	900.4312	1462.529
Stddev	2.211	258.68	25.521	2.7002	2.653
%RSD	.1743833	.7798208	.5650381	.2998735	.1814262

#1	1266.157	33101.45	4510.637	898.4057	1461.289
#2	1267.235	33459.05	4544.678	903.4967	1465.576
#3	1270.410	32956.45	4494.720	899.3911	1460.723

Sample Name: M4414-03 Acquired: 11/01/2021 20:23:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0580190	-.001507	1.955652	.0007264	.0069876	106.1611	2.329377
Stddev	.0054643	.001647	.008014	.0107260	.0013689	.3541	.001395
%RSD	9.418178	109.3315	.4097828	1476.678	19.58977	.3335341	.0598726

#1	.0552517	-.003392	1.946494	-.002088	.0056568	106.1792	2.330734
#2	.0643134	-.000785	1.961380	-.008312	.0083916	105.7983	2.327948
#3	.0544918	-.000343	1.959083	.012579	.0069144	106.5058	2.329449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132788	.1895453	127.4589	.1766776	.1046010	.3650360	219.3105
Stddev	.0001608	.0001615	.2822	.0009829	.0000278	.0058968	1.6143
%RSD	1.210989	.0851925	.2214332	.5563001	.0266069	1.615414	.7360969

#1	.0130931	.1893589	127.5078	.1755512	.1045849	.3583137	219.6017
#2	.0133711	.1896412	127.1554	.1771212	.1045851	.3674583	217.5704
#3	.0133721	.1896358	127.7135	.1773606	.1046332	.3693359	220.7594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.604847	32.57012	.3083409	.0083795	1.485235	.3115573	16.18945
Stddev	.009193	.29652	.0013129	.0003396	.309667	.0013747	.13326
%RSD	.1068331	.9104076	.4257963	4.052287	20.84971	.4412220	.8231329

#1	8.608850	32.77093	.3089097	.0086679	1.144527	.3121242	16.18270
#2	8.594331	32.22955	.3092734	.0080053	1.749570	.3099899	16.32596
#3	8.611360	32.70989	.3068395	.0084654	1.561607	.3125579	16.05969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59524	8.227465	-.012542	.0093132	3.451514	7.897139	.0267662
Stddev	.10138	.010381	.003416	.0001856	.012407	.127869	.0005646
%RSD	.7456972	.1261702	27.23236	1.992448	.3594560	1.619186	2.109421

#1	13.68864	8.239285	-.013003	.0093522	3.463010	7.878382	.0266985
#2	13.48743	8.219831	-.008920	.0091113	3.453169	7.779684	.0273617
#3	13.60964	8.223281	-.015705	.0094762	3.438363	8.033351	.0262386

Sample Name: M4414-03 Acquired: 11/01/2021 20:23:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA24 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9393706	.0705714	.2875325
Stddev	.0076330	.0019584	.0008813
%RSD	.8125656	2.774989	.3064959

#1	.9387941	.0699776	.2884768
#2	.9320421	.0689786	.2873887
#3	.9472755	.0727579	.2867320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.585	34316.89	4751.786	928.5604	1420.420
Stddev	2.648	172.53	38.396	7.6245	2.598
%RSD	.2027922	.5027622	.8080332	.8211106	.1828687

#1	1308.550	34236.48	4737.119	925.9813	1423.344
#2	1303.458	34199.24	4795.353	922.5600	1418.381
#3	1304.746	34514.95	4722.885	937.1400	1419.534

Sample Name: M4414-04 Acquired: 11/01/2021 20:27:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0372620	-.002528	.7360318	.0061636	.0058931	91.10400	1.724921
Stddev	.0055476	.005071	.0033997	.0017969	.0039926	.22869	.002945
%RSD	14.88802	200.6027	.4618889	29.15405	67.75072	.2510157	.1707394

#1	.0416401	-.003011	.7375561	.0081977	.0015124	91.04167	1.726150
#2	.0391226	-.007340	.7321368	.0047921	.0093277	90.91294	1.721560
#3	.0310233	.002767	.7384026	.0055008	.0068391	91.35739	1.727053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093526	.0523974	54.73331	.1378027	.0918031	.1800033	187.8611
Stddev	.0001882	.0004955	.08574	.0012256	.0004311	.0005934	.3203
%RSD	2.012379	.9456900	.1566443	.8893586	.4696481	.3296408	.1705204

#1	.0095563	.0523846	54.82852	.1364001	.0922937	.1806550	187.9554
#2	.0093161	.0519084	54.70918	.1386669	.0914845	.1794942	187.5041
#3	.0091853	.0528992	54.66222	.1383411	.0916310	.1798607	188.1236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.127484	17.41680	.1458334	.0045209	.8986984	.2849327	6.158516
Stddev	.011065	.06991	.0011333	.0002848	.2551849	.0046589	.015138
%RSD	.1805870	.4013800	.7771259	6.299645	28.39494	1.635083	.2457997

#1	6.131404	17.45027	.1471385	.0041929	.6242487	.2826580	6.169766
#2	6.136056	17.33645	.1452638	.0046643	.9430397	.2902919	6.164477
#3	6.114992	17.46369	.1450979	.0047055	1.128807	.2818481	6.141305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.293021	4.761747	-.001460	.0069688	2.344777	12.99917	.0163976
Stddev	.076137	.017717	.002935	.0001403	.007690	.05837	.0038916
%RSD	1.209860	.3720781	201.0266	2.013238	.3279493	.4490305	23.73291

#1	6.226766	4.771435	-.002081	.0068684	2.349798	12.99822	.0138836
#2	6.376194	4.772507	-.004034	.0069088	2.348609	12.94127	.0208802
#3	6.276104	4.741298	.001736	.0071291	2.335924	13.05800	.0144291

Sample Name: M4414-04 Acquired: 11/01/2021 20:27:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA25 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.252900	.0509716	.0791462
Stddev	.003673	.0012765	.0003413
%RSD	.2931904	2.504388	.4311741

#1	1.257136	.0496974	.0789330
#2	1.250959	.0522504	.0795398
#3	1.250603	.0509670	.0789657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.921	33192.38	4528.406	893.9084	1456.409
Stddev	4.376	48.02	22.763	2.1407	3.318
%RSD	.3462044	.1446613	.5026703	.2394723	.2278506

#1	1268.597	33220.03	4521.448	891.6251	1454.002
#2	1259.925	33136.93	4553.836	895.8700	1460.195
#3	1263.241	33220.16	4509.935	894.2300	1455.031

Sample Name: M4414-05 Acquired: 11/01/2021 20:31:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732041	.0000845	2.323413	.0048185	.0048499	70.46189
Stddev	.0075229	.0081992	.001854	.0052726	.0038896	.23972
%RSD	10.27663	9709.520	.0798047	109.4241	80.19844	.3402159

#1	.0810848	-.009320	2.321382	-.001059	.0060825	70.19513
#2	.0660991	.003839	2.325015	.009133	.0004934	70.65928
#3	.0724284	.005735	2.323842	.006382	.0079739	70.53125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.872534	.0090328	.1532970	344.0381	.2256802	.0714924
Stddev	.000864	.0000449	.0003870	.7680	.0006458	.0003823
%RSD	.0461342	.4967963	.2524802	.2232316	.2861377	.5347634

#1	1.871579	.0089910	.1533311	343.2291	.2250921	.0719239
#2	1.872763	.0090802	.1528941	344.7572	.2263712	.0713575
#3	1.873261	.0090271	.1536659	344.1281	.2255773	.0711959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7736261	150.4475	7.817070	85.43240	.2706018	.0072148
Stddev	.0077940	1.2049	.018451	.72800	.0005799	.0003028
%RSD	1.007465	.8009064	.2360308	.8521368	.2143163	4.196927

#1	.7653173	149.0573	7.801737	84.59485	.2702080	.0071808
#2	.7747857	151.0947	7.811926	85.78899	.2703296	.0075332
#3	.7807753	151.1906	7.837547	85.91336	.2712678	.0069305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7576933	.2129517	16.22169	12.99893	F 25.24903	.0796372
Stddev	.1015828	.0037183	.19868	.03432	.16500	.0043166
%RSD	13.40685	1.746097	1.224778	.2640472	.6534941	5.420349

#1	.6830848	.2163023	16.11496	13.02226	25.19961	.0845051
#2	.7166122	.2089513	16.45092	12.95952	25.11439	.0781307
#3	.8733828	.2136015	16.09918	13.01501	25.43310	.0762757

Sample Name: M4414-05 Acquired: 11/01/2021 20:31:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA26 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132441	9.874976	5.471687	.0759962	1.063627	.0481820
Stddev	.0016773	.023091	.057877	.0025374	.009745	.0007430
%RSD	12.66468	.2338290	1.057760	3.338859	.9161766	1.542072

#1	.0118407	9.865275	5.443974	.0756976	1.053096	.0487578
#2	.0151018	9.858318	5.432878	.0786697	1.072325	.0484448
#3	.0127899	9.901334	5.538211	.0736213	1.065459	.0473433

Elem	Sr4077
Units	ppm
Avg	.3518775
Stddev	.0011484
%RSD	.3263536

#1	.3526703
#2	.3505606
#3	.3524016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.621	32084.80	4442.137	857.4772	1373.399
Stddev	1.957	131.25	32.476	2.2693	1.763
%RSD	.1620764	.4090623	.7310971	.2646483	.1283558

#1	1205.527	32129.17	4453.195	857.3383	1373.365
#2	1207.930	31937.12	4467.640	855.2805	1375.179
#3	1209.405	32188.12	4405.576	859.8127	1371.654

Sample Name: M4414-06 Acquired: 11/01/2021 20:35:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891250	.0009756	2.964273	.0082702	.0111771	77.35540
Stddev	.0066713	.0023231	.000977	.0019607	.0010920	.21219
%RSD	7.485339	238.1233	.0329448	23.70842	9.769811	.2743038

#1	.0957332	.0033868	2.964675	.0105229	.0100337	77.59850
#2	.0823923	-.001248	2.964984	.0073392	.0122091	77.26034
#3	.0892494	.000788	2.963160	.0069484	.0112886	77.20736

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.923047	.0120518	.2175158	315.1833	.3389589	.0715236
Stddev	.008303	.0002362	.0008485	.6782	.0014836	.0006670
%RSD	.4317499	1.959680	.3900928	.2151664	.4377014	.9324963

#1	1.932573	.0117839	.2166396	315.9663	.3392582	.0719393
#2	1.919221	.0121411	.2183336	314.7835	.3373484	.0707543
#3	1.917348	.0122302	.2175742	314.8000	.3402700	.0718773

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9321140	188.2439	7.590062	72.22891	.4602762	.0102170
Stddev	.0072167	.4827	.037119	.17568	.0027811	.0003424
%RSD	.7742293	.2564460	.4890446	.2432209	.6042141	3.351358

#1	.9349173	187.6935	7.620424	72.04275	.4625283	.0098555
#2	.9375085	188.5953	7.548682	72.25220	.4611326	.0105364
#3	.9239163	188.4429	7.601081	72.39178	.4571677	.0102592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583971	.2238774	22.00426	13.81427	F 28.13049	.1321574
Stddev	.176605	.0015924	.17114	.01625	.14597	.0021718
%RSD	11.14948	.7112744	.7777624	.1176022	.5189058	1.643346

#1	1.513004	.2224886	22.03612	13.79914	28.20470	.1306338
#2	1.785020	.2256154	22.15723	13.81223	28.22445	.1346442
#3	1.453889	.2235281	21.81943	13.83144	27.96232	.1311941

Sample Name: M4414-06 Acquired: 11/01/2021 20:35:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153966	10.25237	3.790589	.0869771	1.224868	.0526432
Stddev	.0009439	.04028	.010864	.0002874	.002909	.0015533
%RSD	6.130323	.3928443	.2866168	.3304435	.2375210	2.950600

#1	.0148289	10.29029	3.779198	.0871342	1.222410	.0543688
#2	.0164861	10.25674	3.791733	.0871516	1.224113	.0513568
#3	.0148747	10.21009	3.800837	.0866453	1.228080	.0522039

Elem	Sr4077
Units	ppm
Avg	.3468434
Stddev	.0024431
%RSD	.7043968

#1	.3494641
#2	.3446286
#3	.3464376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.675	32532.12	4504.509	871.5251	1376.061
Stddev	.809	24.12	16.268	4.8926	4.257
%RSD	.0661060	.0741314	.3611529	.5613807	.3093670

#1	1222.746	32508.19	4521.217	872.0347	1373.517
#2	1224.224	32556.42	4503.593	866.3977	1373.690
#3	1224.054	32531.74	4488.719	876.1429	1380.976

Sample Name: M4414-07 Acquired: 11/01/2021 20:39:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0650533	-.004866	2.323112	-.001536	.0012456	87.60947
Stddev	.0041986	.004756	.002770	.008155	.0017380	.34399
%RSD	6.454077	97.73687	.1192217	530.9989	139.5312	.3926430

#1	.0632155	-.000890	2.322627	-.000886	.0029756	87.55127
#2	.0620871	-.003574	2.320618	-.009996	.0012614	87.29828
#3	.0698575	-.010135	2.326093	.006275	-.000500	87.97885

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.857901	.0126090	.1493376	142.3328	.1930265	.0744243
Stddev	.009413	.0002588	.0000921	.3830	.0011813	.0008851
%RSD	.5066413	2.052203	.0616700	.2690778	.6119730	1.189233

#1	1.867841	.0124479	.1493421	142.7636	.1924045	.0751262
#2	1.856737	.0124717	.1494273	142.2039	.1922862	.0747166
#3	1.849123	.0129075	.1492433	142.0308	.1943888	.0734300

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4661934	198.3192	6.642532	36.46266	.2622110	.0079874
Stddev	.0028405	2.0542	.022804	.49272	.0006175	.0005225
%RSD	.6093038	1.035794	.3433098	1.351304	.2354984	6.541636

#1	.4693891	197.3148	6.650753	36.07427	.2626219	.0076445
#2	.4639558	196.9605	6.660087	36.29681	.2615009	.0077290
#3	.4652352	200.6823	6.616757	37.01691	.2625102	.0085888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.155513	.2455170	15.53171	15.64381	F 15.46165	.0563840
Stddev	.123010	.0021916	.13026	.12940	.04936	.0018957
%RSD	10.64548	.8926495	.8386392	.8271597	.3192737	3.362195

#1	1.052023	.2472843	15.49616	15.71993	15.49941	.0585504
#2	1.291512	.2430647	15.42292	15.49440	15.47974	.0555722
#3	1.123003	.2462019	15.67605	15.71710	15.40579	.0550293

Sample Name: M4414-07 Acquired: 11/01/2021 20:39:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA28 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122241	7.108150	6.855408	.1236978	1.140327	.0567456
Stddev	.0010412	.010798	.064915	.0033071	.007510	.0002732
%RSD	8.517461	.1519094	.9469127	2.673554	.6585966	.4813849

#1	.0111089	7.106061	6.790898	.1257972	1.137632	.0570160
#2	.0131707	7.098550	6.854607	.1254106	1.134537	.0564697
#3	.0123927	7.119840	6.920720	.1198856	1.148813	.0567511

Elem	Sr4077
Units	ppm
Avg	.1892575
Stddev	.0014073
%RSD	.7435865

#1	.1905175
#2	.1895162
#3	.1877388

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1263.079	33151.09	4574.094	893.0792	1429.934
Stddev	1.802	41.74	21.824	2.8810	2.845
%RSD	.1426937	.1259076	.4771155	.3225964	.1989861

#1	1264.581	33185.19	4596.209	894.3703	1432.879
#2	1261.080	33104.54	4573.499	895.0888	1427.200
#3	1263.575	33163.53	4552.573	889.7784	1429.725

Sample Name: M4414-08 Acquired: 11/01/2021 20:43:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578256	-.004097	.7056349	.0011133	.0080252	113.9350	1.410231
Stddev	.0041808	.005272	.0020449	.0104598	.0014173	.4545	.004394
%RSD	7.229981	128.6998	.2897888	939.5069	17.66002	.3989442	.3115665

#1	.0623404	-.006460	.7079899	-.009412	.0070165	113.4704	1.408871
#2	.0540878	-.007774	.7043091	.001247	.0096455	114.3787	1.406678
#3	.0570485	.001944	.7046057	.011506	.0074135	113.9560	1.415144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091663	.0412747	83.19369	.1726139	.0724753	.2255541	186.5744
Stddev	.0000756	.0001140	.35850	.0004187	.0007476	.0011284	1.0626
%RSD	.8252593	.2761849	.4309275	.2425630	1.031558	.5002772	.5695130

#1	.0091853	.0413241	83.17142	.1725127	.0716129	.2261429	185.4126
#2	.0092307	.0411443	82.84684	.1722552	.0728721	.2242531	187.4968
#3	.0090830	.0413556	83.56281	.1730740	.0729409	.2262663	186.8139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.734754	29.48683	.1643306	.0053471	1.038677	.2821628	4.505572
Stddev	.017211	.19946	.0000838	.0002291	.100167	.0035156	.059181
%RSD	.3635046	.6764526	.0509877	4.284327	9.643685	1.245945	1.313499

#1	4.743948	29.26685	.1642563	.0056077	1.013870	.2782388	4.516470
#2	4.714898	29.65593	.1643140	.0051776	1.148916	.2832243	4.558546
#3	4.745415	29.53770	.1644214	.0052559	.953245	.2850253	4.441699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.25626	8.893360	.0037893	.0049833	2.473708	10.21008	.0295421
Stddev	.06112	.032691	.0129331	.0004113	.009077	.15667	.0015015
%RSD	.4287008	.3675889	341.3097	8.253111	.3669502	1.534475	5.082391

#1	14.18569	8.914569	.0005596	.0050865	2.469852	10.17163	.0312750
#2	14.29065	8.855712	.0180311	.0053331	2.467196	10.07621	.0287224
#3	14.29242	8.909798	-.007223	.0045302	2.484077	10.38239	.0286290

Sample Name: M4414-08 Acquired: 11/01/2021 20:43:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201818	.0624149	.0329811
Stddev	.002121	.0007504	.0007003
%RSD	.1765116	1.202246	2.123377

#1	1.199629	.0626959	.0337337
#2	1.201959	.0615645	.0323486
#3	1.203865	.0629842	.0328610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1264.140	33200.92	4544.289	900.2224	1438.472
Stddev	2.534	151.39	16.971	10.5184	4.536
%RSD	.2004835	.4559688	.3734493	1.168427	.3153099

#1	1266.074	33195.77	4562.186	896.0870	1441.033
#2	1265.075	33052.18	4542.252	892.4000	1441.147
#3	1261.271	33354.82	4528.429	912.1800	1433.235

Sample Name: M4414-09 Acquired: 11/01/2021 20:47:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464989	-.008695	1.455018	.0045379	.0065339	103.4430	2.211839
Stddev	.0094748	.004273	.007478	.0032076	.0021209	.7027	.006987
%RSD	20.37630	49.13801	.5139677	70.68340	32.46030	.6793260	.3158788

#1	.0508016	-.006426	1.450149	.0076995	.0088260	103.5769	2.219134
#2	.0530589	-.006035	1.451276	.0012862	.0061350	102.6830	2.205208
#3	.0356363	-.013623	1.463629	.0046281	.0046408	104.0692	2.211173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124243	.1188821	146.6626	.2026515	.0946694	.3590430	205.4196
Stddev	.0002248	.0005123	.4240	.0009215	.0010453	.0062011	2.3438
%RSD	1.809375	.4309719	.2890767	.4547130	1.104102	1.727134	1.140972

#1	.0125999	.1188563	147.0809	.2015921	.0934637	.3643552	205.6028
#2	.0125019	.1183832	146.2332	.2030956	.0952249	.3522288	202.9896
#3	.0121709	.1194069	146.6736	.2032668	.0953195	.3605450	207.6664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.674847	38.03177	.3437250	.0077860	1.447478	.3039168	10.46451
Stddev	.017577	.55255	.0023122	.0002154	.161924	.0057367	.10368
%RSD	.2290216	1.452857	.6726974	2.766631	11.18664	1.887571	.9907525

#1	7.680362	38.20709	.3416140	.0075372	1.266243	.2991851	10.51484
#2	7.689005	37.41283	.3461962	.0079102	1.498286	.3102973	10.34527
#3	7.655174	38.47538	.3433649	.0079105	1.577905	.3022680	10.53341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80498	9.175982	-.004417	.0070229	3.217092	5.938254	.0265704
Stddev	.13724	.016913	.008293	.0003811	.006098	.006820	.0033606
%RSD	.9269714	.1843188	187.7391	5.425971	.1895646	.1148552	12.64802

#1	14.91217	9.182874	-.001971	.0074026	3.223046	5.932390	.0301748
#2	14.65031	9.156711	-.013658	.0066405	3.217369	5.945738	.0260132
#3	14.85246	9.188361	.002377	.0070257	3.210859	5.936633	.0235232

Sample Name: M4414-09 Acquired: 11/01/2021 20:47:12 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA30 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9141233	.0711491	.3898315
Stddev	.0057147	.0025943	.0005613
%RSD	.6251583	3.646227	.1439802
#1	.9188178	.0727702	.3904129
#2	.9077599	.0681570	.3892928
#3	.9157922	.0725201	.3897889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.610	33893.02	4645.504	912.7773	1411.971
Stddev	.853	78.68	44.981	12.3944	2.154
%RSD	.0661278	.2321338	.9682601	1.357879	.1525787
#1	1289.188	33809.57	4625.647	904.0335	1410.931
#2	1290.592	33903.63	4696.996	926.9615	1414.448
#3	1289.051	33965.85	4613.869	907.3368	1410.535

Sample Name: M4414-10 Acquired: 11/01/2021 20:51:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518038	-.000352	1.371335	-.001344	.0035855	97.42032	2.174534
Stddev	.0111084	.004152	.004222	.001080	.0008434	.13972	.005753
%RSD	21.44314	1180.059	.3078451	80.33850	23.52407	.1434234	.2645824

#1	.0430308	-.005087	1.370367	-.002462	.0043894	97.57758	2.175281
#2	.0480864	.002668	1.367682	-.001263	.0036595	97.31049	2.179877
#3	.0642941	.001363	1.375957	-.000307	.0027074	97.37287	2.168443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118381	.1151747	137.5170	.2060171	.0874919	.3392390	193.6723
Stddev	.0001348	.0004192	.2865	.0004424	.0007770	.0005778	1.1541
%RSD	1.138871	.3639483	.2083198	.2147272	.8881289	.1703361	.5959269

#1	.0119922	.1148322	137.4424	.2063709	.0883347	.3386234	194.7829
#2	.0117802	.1156421	137.8334	.2061593	.0868040	.3397696	192.4790
#3	.0117419	.1150498	137.2752	.2055211	.0873371	.3393240	193.7551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.618974	33.17728	.3354268	.0075339	1.566715	.2778198	10.79782
Stddev	.010226	.11093	.0006282	.0003615	.450101	.0005239	.07683
%RSD	.1545018	.3343582	.1872819	4.798157	28.72896	.1885904	.7115220

#1	6.607298	33.27449	.3348899	.0071343	1.932690	.2772822	10.88052
#2	6.623287	33.05644	.3352728	.0078381	1.703316	.2778484	10.78429
#3	6.626338	33.20091	.3361176	.0076294	1.064138	.2783289	10.72865

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.21242	9.192436	.0032471	.0067402	3.313648	3.897358	.0421390
Stddev	.05070	.041142	.0020061	.0006147	.022700	.007712	.0014080
%RSD	.3837543	.4475657	61.77908	9.119998	.6850458	.1978765	3.341219

#1	13.26263	9.238374	.0014419	.0063195	3.327932	3.902614	.0424654
#2	13.16123	9.158980	.0028927	.0074456	3.287473	3.900954	.0433551
#3	13.21340	9.179956	.0054068	.0064555	3.325539	3.888505	.0405965

Sample Name: M4414-10 Acquired: 11/01/2021 20:51:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA31 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9220658	.0619135	.3342031
Stddev	.0013814	.0030139	.0003144
%RSD	.1498191	4.867974	.0940608

#1	.9211361	.0602326	.3342680
#2	.9214080	.0601149	.3344800
#3	.9236532	.0653930	.3338614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.253	33667.38	4638.820	906.8653	1422.013
Stddev	5.201	125.96	20.517	8.9303	1.843
%RSD	.4071827	.3741363	.4422979	.9847391	.1295740

#1	1272.578	33565.66	4616.451	898.3260	1420.518
#2	1276.325	33628.20	4643.247	906.1290	1424.072
#3	1282.855	33808.28	4656.763	916.1409	1421.450

Sample Name: M4414-11 Acquired: 11/01/2021 20:55:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659972	-.001754	2.808526	-.004618	.0028278	98.35963
Stddev	.0085952	.004116	.004896	.009576	.0030149	.18592
%RSD	13.02352	234.6920	.1743321	207.3764	106.6180	.1890238

#1	.0748375	.002881	2.814098	-.005523	-.000583	98.50314
#2	.0654841	-.004980	2.804912	.005379	.005138	98.42616
#3	.0576701	-.003162	2.806567	-.013708	.003928	98.14960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.931473	.0148563	.1677988	112.6118	.1817753	.0912840
Stddev	.004529	.0002221	.0009332	.0230	.0013640	.0007240
%RSD	.2344704	1.495211	.5561148	.0204273	.7503773	.7930993

#1	1.928149	.0150715	.1668181	112.6333	.1803186	.0914907
#2	1.936631	.0148697	.1686758	112.5875	.1819849	.0918820
#3	1.929638	.0146278	.1679026	112.6145	.1830223	.0904791

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713453	218.4947	7.223666	23.71996	.2135615	.0077639
Stddev	.0015215	1.1074	.035187	.22444	.0011025	.0003823
%RSD	.4097232	.5068433	.4871136	.9462050	.5162558	4.924181

#1	.3697026	219.7663	7.195602	23.91163	.2139193	.0075548
#2	.3716271	217.7414	7.212253	23.47306	.2123245	.0075317
#3	.3727061	217.9766	7.263143	23.77519	.2144406	.0082051

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.449578	.2768296	19.08309	11.96053	F 12.75480	.0511491
Stddev	.235174	.0024886	.16896	.10126	.03703	.0040608
%RSD	16.22360	.8989534	.8853958	.8466523	.2902837	7.939087

#1	1.209103	.2793963	19.00265	12.06252	12.78168	.0502304
#2	1.679065	.2766652	18.96938	11.95905	12.71257	.0476263
#3	1.460566	.2744273	19.27724	11.86001	12.77014	.0555905

Sample Name: M4414-11 Acquired: 11/01/2021 20:55:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA32 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094636	8.641877	7.044345	.1510010	1.278616	.0632941
Stddev	.0008220	.009061	.084883	.0026164	.006424	.0017128
%RSD	8.686086	.1048502	1.204981	1.732732	.5024459	2.706032

#1	.0094860	8.632848	7.115657	.1479829	1.286026	.0650244
#2	.0086307	8.650969	7.066923	.1523916	1.274600	.0632586
#3	.0102743	8.641813	6.950456	.1526285	1.275223	.0615995

Elem	Sr4077
Units	ppm
Avg	.1338932
Stddev	.0014789
%RSD	1.104533

#1	.1323146
#2	.1352465
#3	.1341187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.939	33717.62	4649.700	904.6318	1434.306
Stddev	1.442	188.45	33.978	5.1572	1.242
%RSD	.1120387	.5589202	.7307528	.5700831	.0866048

#1	1287.880	33918.06	4613.550	905.1315	1434.802
#2	1287.658	33690.78	4654.571	909.5210	1432.893
#3	1285.279	33544.02	4680.980	899.2430	1435.224

Sample Name: M4414-12 Acquired: 11/01/2021 20:59:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597672	-.004075	1.617652	.0052653	.0047331	99.87371
Stddev	.0055457	.002440	.004837	.0064196	.0015652	.28978
%RSD	9.278819	59.88723	.2990258	121.9239	33.06825	.2901506

#1	.0533711	-.004742	1.614636	.0004329	.0033391	100.1799
#2	.0626975	-.006112	1.615089	.0028135	.0044341	99.8374
#3	.0632331	-.001370	1.623231	.0125495	.0064262	99.6038

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.893002	.0105565	.0899560	100.9425	.2208189	.0712359
Stddev	.001984	.0003228	.0004914	.1060	.0026156	.0001737
%RSD	.1047808	3.057314	.5462782	.1050420	1.184483	.2437754

#1	1.892924	.0102081	.0901060	101.0487	.2192863	.0711446
#2	1.891058	.0106162	.0894071	100.8366	.2238390	.0711269
#3	1.895023	.0108453	.0903550	100.9423	.2193314	.0714361

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3314421	178.7467	6.052976	26.21326	.2483400	.0069562
Stddev	.0028022	.6938	.018207	.18485	.0018242	.0004865
%RSD	.8454605	.3881329	.3008006	.7051940	.7345672	6.993860

#1	.3345914	179.2459	6.070046	26.13053	.2468707	.0074893
#2	.3305111	179.0396	6.033812	26.42503	.2477674	.0068429
#3	.3292239	177.9545	6.055070	26.08423	.2503818	.0065363

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.187600	.2653351	9.780022	10.10612	F 11.96831	.0390017
Stddev	.207031	.0015823	.121485	.04319	.02475	.0054513
%RSD	17.43274	.5963254	1.242170	.4273796	.2068350	13.97719

#1	.965584	.2638088	9.881762	10.09098	11.97964	.0419629
#2	1.221837	.2652286	9.812790	10.07254	11.93991	.0423316
#3	1.375378	.2669680	9.645515	10.15485	11.98536	.0327106

Sample Name: M4414-12 Acquired: 11/01/2021 20:59:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA33 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064823	3.790736	12.21252	.0594219	1.174943	.0633321
Stddev	.0008128	.018833	.09772	.0031513	.002352	.0019660
%RSD	12.53937	.4968165	.8001611	5.303201	.2001467	3.104242

#1	.0063187	3.811841	12.11602	.0569258	1.177654	.0650984
#2	.0057636	3.775641	12.21013	.0629629	1.173716	.0636841
#3	.0073644	3.784726	12.31142	.0583770	1.173458	.0612140

Elem	Sr4077
Units	ppm
Avg	.1264165
Stddev	.0003150
%RSD	.2491692

#1	.1266090
#2	.1260530
#3	.1265875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.478	33202.85	4549.293	896.9383	1436.696
Stddev	2.447	177.58	21.134	3.8064	2.518
%RSD	.1933974	.5348471	.4645575	.4243823	.1752363

#1	1267.274	33240.16	4566.453	893.1062	1433.793
#2	1262.691	33009.58	4555.738	896.9900	1438.281
#3	1266.470	33358.82	4525.686	900.7186	1438.013

Sample Name: M4414-13 Acquired: 11/01/2021 21:03:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543469	-.005557	.6413667	.0018318	.0030197	93.75868	1.824727
Stddev	.0015980	.005478	.0063456	.0033263	.0028369	.57056	.011019
%RSD	2.940371	98.58528	.9893922	181.5848	93.94376	.6085367	.6038871

#1	.0557307	-.005683	.6482744	-.001986	.0021636	93.34896	1.837180
#2	.0547119	-.010970	.6357962	.004105	.0007096	94.41034	1.816239
#3	.0525979	-.000016	.6400295	.003377	.0061861	93.51674	1.820763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084123	.0320112	48.23531	.1529262	.0853907	.1658324	154.6539
Stddev	.0001570	.0001351	.30789	.0014053	.0003254	.0016841	2.4637
%RSD	1.866049	.4218739	.6383051	.9189516	.3810553	1.015569	1.593043

#1	.0082346	.0318987	48.52605	.1516540	.0850228	.1677675	152.5216
#2	.0085322	.0319740	47.91275	.1544347	.0856407	.1646976	157.3509
#3	.0084701	.0321610	48.26714	.1526900	.0855085	.1650322	154.0893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.687186	18.68907	.1464126	.0035970	.4394654	.2661980	4.108986
Stddev	.045991	.29416	.0010302	.0004045	.3595153	.0042435	.004917
%RSD	.5982844	1.573988	.7036478	11.24475	81.80741	1.594117	.1196561

#1	7.733769	18.47296	.1460385	.0040214	.5020023	.2652286	4.114606
#2	7.641811	19.02407	.1456216	.0035538	.0527844	.2708423	4.106875
#3	7.685979	18.57018	.1475776	.0032159	.7636095	.2625230	4.105479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.803784	7.892535	.0101629	.0056234	2.414618	5.301708	.0211638
Stddev	.076085	.006947	.0070805	.0008999	.014789	.047305	.0010036
%RSD	.8642339	.0880149	69.67049	16.00367	.6124700	.8922505	4.742255

#1	8.718698	7.888566	.0019877	.0066622	2.420955	5.276606	.0216829
#2	8.827376	7.900557	.0141557	.0050813	2.397716	5.356273	.0218015
#3	8.865279	7.888483	.0143452	.0051266	2.425181	5.272246	.0200069

Sample Name: M4414-13 Acquired: 11/01/2021 21:03:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.108653	.0570866	.0414097
Stddev	.007569	.0018182	.0025687
%RSD	.6826853	3.184987	6.203068

#1	1.100835	.0591675	.0435665
#2	1.115945	.0558048	.0385680
#3	1.109180	.0562874	.0420946

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.919	33267.66	4524.314	909.0489	1458.852
Stddev	1.286	148.47	45.999	3.1054	3.462
%RSD	.1013719	.4462773	1.016709	.3416055	.2372993

#1	1269.009	33281.66	4560.770	912.4002	1461.015
#2	1267.589	33112.69	4472.633	906.2687	1460.682
#3	1270.157	33408.63	4539.540	908.4778	1454.860

Sample Name: M4414-14 Acquired: 11/01/2021 21:07:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810479	.0027446	3.559268	.0008855	.0100552	93.14810
Stddev	.0066404	.0035785	.003185	.0055512	.0009274	.35929
%RSD	8.193178	130.3852	.0894801	626.9274	9.222669	.3857155

#1	.0869758	-.001070	3.558706	.0070003	.0109311	93.05913
#2	.0822960	.006028	3.556402	-.003837	.0090838	93.54351
#3	.0738721	.003276	3.562697	-.000507	.0101506	92.84166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.324541	.0148414	.1951494	222.5252	.2254857	.0868989
Stddev	.004294	.0000453	.0006817	.5289	.0002981	.0005353
%RSD	.1847351	.3054086	.3493070	.2376890	.1321900	.6159817

#1	2.328170	.0148625	.1951316	222.7979	.2256757	.0867690
#2	2.325652	.0147894	.1944768	222.8620	.2256393	.0864405
#3	2.319800	.0148723	.1958398	221.9156	.2251422	.0874871

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6147446	246.1214	8.738919	72.74008	.2987352	.0102024
Stddev	.0008779	1.5823	.024802	.42193	.0020443	.0002235
%RSD	.1428073	.6428913	.2838081	.5800556	.6843030	2.190401

#1	.6153946	245.6775	8.738907	72.41028	.2993959	.0104483
#2	.6137459	247.8782	8.763726	73.21555	.2964423	.0101474
#3	.6150932	244.8084	8.714123	72.59441	.3003673	.0100116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.760964	.2789240	18.78922	10.97087	F 15.23358	.0448187
Stddev	.311537	.0017641	.11296	.09195	.07465	.0036235
%RSD	17.69130	.6324718	.6012047	.8381340	.4900667	8.084843

#1	1.964536	.2772824	18.70986	10.90238	15.22699	.0487343
#2	1.402323	.2787002	18.73924	11.07537	15.16244	.0441380
#3	1.916033	.2807893	18.91854	10.93485	15.31131	.0415838

Sample Name: M4414-14 Acquired: 11/01/2021 21:07:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212176	8.190646	4.371385	.1156364	1.223663	.0616721
Stddev	.0006692	.030650	.035458	.0052085	.006281	.0009309
%RSD	3.154097	.3742071	.8111341	4.504169	.5132785	1.509489
#1	.0205923	8.171981	4.344695	.1125862	1.222240	.0608568
#2	.0211369	8.173938	4.411618	.1216504	1.230533	.0626864
#3	.0219234	8.226020	4.357841	.1126726	1.218216	.0614731

Elem	Sr4077
Units	ppm
Avg	.2019605
Stddev	.0005987
%RSD	.2964486
#1	.2026482
#2	.2015552
#3	.2016782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.603	33717.79	4625.330	902.2386	1396.655
Stddev	2.799	44.30	31.227	5.4528	2.031
%RSD	.2200938	.1313858	.6751225	.6043618	.1454418
#1	1274.719	33670.76	4632.199	906.5365	1396.698
#2	1270.787	33723.88	4591.241	904.0745	1398.665
#3	1269.302	33758.74	4652.551	896.1048	1394.603

Sample Name: M4414-15 Acquired: 11/01/2021 21:11:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693413	-.008452	3.264195	.0056058	.0066295	88.65503	1.750295
Stddev	.0047585	.001879	.008619	.0124484	.0027422	.36495	.010256
%RSD	6.862379	22.22683	.2640579	222.0617	41.36311	.4116544	.5859489

#1	.0642121	-.007850	3.254243	-.008600	.0035263	88.33085	1.741888
#2	.0701996	-.006948	3.269272	.010810	.0087260	88.58396	1.761722
#3	.0736121	-.010558	3.269070	.014608	.0076363	89.05030	1.747276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159940	.1137373	119.1586	.1785983	.1026646	.6125343	230.0603
Stddev	.0000948	.0006451	.1869	.0003651	.0003954	.0008658	2.6594
%RSD	.5929694	.5671657	.1568095	.2044444	.3851671	.1413410	1.155948

#1	.0160851	.1130349	119.2721	.1786242	.1031151	.6124805	228.1589
#2	.0158958	.1143031	119.2608	.1789497	.1025039	.6116966	228.9228
#3	.0160011	.1138741	118.9429	.1782209	.1023748	.6134257	233.0993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.560349	26.49006	.2713947	.0079601	2.191209	.3139530	12.29928
Stddev	.011946	.32666	.0003874	.0006567	.132547	.0079344	.05224
%RSD	.1395491	1.233159	.1427464	8.250299	6.049052	2.527253	.4247178

#1	8.566605	26.16558	.2714767	.0072211	2.243660	.3051589	12.25598
#2	8.567867	26.48572	.2717346	.0084770	2.289505	.3205754	12.35730
#3	8.546574	26.81887	.2709729	.0081823	2.040463	.3161247	12.28455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55733	9.956471	.1437975	.0216178	6.632977	6.035515	.0939277
Stddev	.12414	.022594	.0014462	.0002185	.032274	.063436	.0043376
%RSD	1.175911	.2269309	1.005737	1.010551	.4865708	1.051045	4.617993

#1	10.46487	9.975731	.1438449	.0213667	6.644125	6.013011	.0898607
#2	10.50868	9.962083	.1423281	.0217642	6.658200	5.986398	.0934296
#3	10.69843	9.931600	.1452194	.0217225	6.596607	6.107135	.0984928

Sample Name: M4414-15 Acquired: 11/01/2021 21:11:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.219926	.0554866	.1174333
Stddev	.007951	.0011208	.0018763
%RSD	.6517964	2.019851	1.597766

#1	1.214852	.0567666	.1181598
#2	1.215837	.0546812	.1188377
#3	1.229090	.0550121	.1153024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.509	34344.03	4686.637	920.2254	1421.732
Stddev	1.054	149.39	29.359	3.4254	4.110
%RSD	.0812237	.4349928	.6264462	.3722376	.2891041

#1	1296.539	34465.78	4692.042	919.1610	1426.436
#2	1298.630	34177.32	4712.918	917.4586	1419.925
#3	1297.358	34388.99	4654.951	924.0567	1418.834

Sample Name: M4414-16 Acquired: 11/01/2021 21:15:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413223	.0039383	2.004168	.0041378	.0032734	85.26493
Stddev	.0059919	.0027435	.012316	.0073545	.0026932	.27785
%RSD	14.50038	69.66265	.6144995	177.7405	82.27712	.3258704

#1	.0437659	.0071043	2.016247	.0077970	.0060265	85.06513
#2	.0344948	.0022601	1.991629	-.004329	.0031492	85.58223
#3	.0457062	.0024504	2.004627	.008945	.0006444	85.14744

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.986093	.0121378	.1224439	132.8637	.1581838	.0941546
Stddev	.007983	.0000791	.0000939	.3362	.0011552	.0009365
%RSD	.4019534	.6517966	.0766482	.2530250	.7303014	.9946805

#1	1.977212	.0122013	.1225174	132.4887	.1582027	.0932380
#2	1.992673	.0121629	.1224761	133.1381	.1570193	.0941160
#3	1.988394	.0120492	.1223382	132.9643	.1593295	.0951099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3271163	217.5179	9.546103	26.00488	.2304028	.0073673
Stddev	.0019019	.6061	.012984	.14131	.0003823	.0001733
%RSD	.5814156	.2786642	.1360085	.5434164	.1659100	2.352210

#1	.3286007	217.1454	9.537781	25.99595	.2300953	.0075108
#2	.3277757	218.2174	9.561064	26.15044	.2302823	.0074164
#3	.3249724	217.1911	9.539465	25.86824	.2308308	.0071748

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197024	.2370511	13.98547	12.99767	F 12.06637	.0322309
Stddev	.072661	.0067103	.14088	.08131	.02779	.0011422
%RSD	6.070109	2.830724	1.007358	.6255587	.2303469	3.543817

#1	1.280838	.2294675	13.92055	12.93551	12.09842	.0331706
#2	1.151801	.2422190	14.14711	12.96782	12.05180	.0309596
#3	1.158434	.2394670	13.88876	13.08969	12.04889	.0325625

Sample Name: M4414-16 Acquired: 11/01/2021 21:15:23 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073827	7.628221	11.38225	.0794361	1.075081	.0613805
Stddev	.0006629	.017643	.04641	.0027484	.002995	.0006863
%RSD	8.979616	.2312851	.4077521	3.459838	.2786084	1.118032

#1	.0069232	7.648559	11.43500	.0822255	1.072818	.0608727
#2	.0081427	7.617032	11.34768	.0767307	1.078478	.0621612
#3	.0070822	7.619071	11.36408	.0793520	1.073948	.0611075

Elem	Sr4077
Units	ppm
Avg	.2335926
Stddev	.0004070
%RSD	.1742263

#1	.2331408
#2	.2337067
#3	.2339304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.725	33349.56	4558.740	896.6429	1434.134
Stddev	2.984	133.88	19.000	10.6024	3.423
%RSD	.2346730	.4014540	.4167724	1.182457	.2387145

#1	1270.077	33343.13	4541.868	892.3837	1430.298
#2	1275.170	33219.00	4555.031	888.8323	1436.877
#3	1269.928	33486.54	4579.321	908.7126	1435.229

Sample Name: M4414-17 Acquired: 11/01/2021 21:19:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459733	-.003304	.1625071	.0062050	.0037449	89.61209	2.301391
Stddev	.0031397	.004717	.0025803	.0078138	.0039886	.45719	.002642
%RSD	6.829412	142.7862	1.587801	125.9278	106.5095	.5101862	.1148002

#1	.0460010	-.008751	.1617189	.0152258	.0064836	89.31690	2.298872
#2	.0428198	-.000619	.1653895	.0018473	.0055824	90.13872	2.301161
#3	.0490990	-.000542	.1604128	.0015417	-.000831	89.38064	2.304141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072377	.0045722	32.77032	.1320069	.0764349	.1010427	166.0425
Stddev	.0001109	.0001764	.09455	.0009908	.0007557	.0013212	1.4552
%RSD	1.532385	3.857983	.2885225	.7505273	.9887050	1.307592	.8764197

#1	.0071139	.0043714	32.81875	.1320414	.0755806	.0998993	165.4373
#2	.0072714	.0047022	32.83085	.1329799	.0770162	.1007397	167.7027
#3	.0073279	.0046430	32.66137	.1309993	.0767079	.1024891	164.9876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.035672	15.80511	.0984012	.0038040	.5284781	.3054499	.5990499
Stddev	.022468	.09479	.0006727	.0002030	.1607117	.0040696	.0151599
%RSD	.2796001	.5997672	.6835888	5.337390	30.41028	1.332333	2.530663

#1	8.055369	15.79992	.0990731	.0037990	.7115581	.3020843	.5935964
#2	8.011201	15.90239	.0984027	.0040095	.4106793	.3099728	.6161822
#3	8.040446	15.71302	.0977278	.0036035	.4631969	.3042926	.5873712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.964061	4.174006	-.022470	.0046063	1.097054	4.842452	.0062240
Stddev	.077728	.026998	.006706	.0004959	.007333	.052688	.0031519
%RSD	1.116134	.6468203	29.84303	10.76579	.6684480	1.088051	50.64149

#1	6.964477	4.168376	-.021785	.0042566	1.088639	4.811065	.0092596
#2	7.041580	4.150267	-.016133	.0051738	1.100448	4.813010	.0029674
#3	6.886125	4.203376	-.029492	.0043884	1.102076	4.903281	.0064449

Sample Name: M4414-17 Acquired: 11/01/2021 21:19:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8559904	.0491554	.0105561
Stddev	.0091837	.0017324	.0012894
%RSD	1.072870	3.524255	12.21458

#1	.8485383	.0492983	.0110394
#2	.8662501	.0508119	.0090949
#3	.8531828	.0473560	.0115340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.161	32418.61	4383.756	881.7074	1464.803
Stddev	.712	33.24	15.992	4.1982	3.203
%RSD	.0570597	.1025441	.3647933	.4761402	.2186358

#1	1247.064	32452.96	4386.235	877.6258	1463.560
#2	1247.917	32386.59	4398.363	886.0132	1468.440
#3	1246.504	32416.28	4366.669	881.4833	1462.408

Sample Name: M4414-18 Acquired: 11/01/2021 21:23:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599794	.0007979	1.712829	.0011368	.0050764	84.97448	1.504139
Stddev	.0088370	.0067175	.005467	.0107909	.0045746	.33882	.006372
%RSD	14.73343	841.8958	.3191824	949.2373	90.11451	.3987294	.4236149

#1	.0532701	.0031939	1.707353	.0031158	.0022442	84.68400	1.502855
#2	.0699923	.0059889	1.712848	.0108012	.0026311	85.34668	1.511054
#3	.0566758	-.006789	1.718287	-.010507	.0103540	84.89274	1.498506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145745	.1007223	108.3677	.1770416	.0915001	.3407579	212.4012
Stddev	.0001885	.0005450	.2356	.0004256	.0004996	.0028935	1.0856
%RSD	1.293233	.5410924	.2173687	.2403936	.5460057	.8491277	.5111077

#1	.0145541	.1001439	108.4564	.1766626	.0911842	.3385234	211.1825
#2	.0143970	.1007969	108.5460	.1769602	.0920761	.3397239	212.7567
#3	.0147723	.1012263	108.1007	.1775020	.0912400	.3440263	213.2645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.944354	37.25475	.2004592	.0070552	4.224971	.2624217	9.320463
Stddev	.007894	.23955	.0012284	.0001746	.200578	.0045275	.078155
%RSD	.0993677	.6429969	.6127933	2.474455	4.747449	1.725268	.8385318

#1	7.949580	37.02425	.1993811	.0068720	4.036499	.2575763	9.358090
#2	7.948209	37.23758	.2002000	.0070739	4.202628	.2665442	9.372687
#3	7.935273	37.50242	.2017965	.0072196	4.435785	.2631446	9.230612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.585542	8.345432	.0531489	.0107660	6.207840	5.113421	.0386212
Stddev	.098389	.012808	.0057108	.0006304	.013934	.060013	.0021793
%RSD	1.026436	.1534717	10.74485	5.855375	.2244596	1.173632	5.642651

#1	9.489828	8.330650	.0564293	.0114540	6.191939	5.106490	.0361088
#2	9.686405	8.352427	.0564626	.0102161	6.217916	5.057175	.0397558
#3	9.580392	8.353220	.0465547	.0106278	6.213667	5.176598	.0399991

Sample Name: M4414-18 Acquired: 11/01/2021 21:23:28 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.341326	.0513206	-.010625
Stddev	.004274	.0006087	.000964
%RSD	.3186764	1.185997	9.070007

#1	1.336476	.0506555	-.009770
#2	1.342962	.0518500	-.010437
#3	1.344542	.0514561	-.011669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.756	33909.30	4634.043	919.7310	1436.748
Stddev	2.262	153.33	41.539	2.4146	3.015
%RSD	.1750772	.4521889	.8963829	.2625319	.2098376

#1	1289.298	34013.24	4651.539	916.9689	1436.224
#2	1293.748	33733.20	4663.973	920.7826	1439.991
#3	1292.222	33981.46	4586.619	921.4414	1434.030

Sample Name: M4414-19 Acquired: 11/01/2021 21:27:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638567	-.001800	1.043032	.0019973	.0044834	87.32540	1.738945
Stddev	.0099235	.006684	.003565	.0063091	.0025306	.42359	.002006
%RSD	15.54026	371.4415	.3418105	315.8873	56.44455	.4850682	.1153678

#1	.0600640	.004240	1.043529	.0065248	.0062786	87.79241	1.741239
#2	.0563889	-.000657	1.039244	.0046763	.0055824	86.96598	1.738081
#3	.0751172	-.008982	1.046322	-.005209	.0015890	87.21782	1.737516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126358	.0925260	83.06369	.1424565	.1038114	.3110071	200.0223
Stddev	.0000783	.0004539	.11515	.0000433	.0000949	.0028990	1.7598
%RSD	.6194851	.4905613	.1386294	.0303962	.0913795	.9321337	.8798103

#1	.0127152	.0924501	83.07710	.1424490	.1037066	.3143296	202.0010
#2	.0125587	.0921148	82.94241	.1424174	.1038361	.3096990	198.6324
#3	.0126336	.0930130	83.17154	.1425030	.1038914	.3089925	199.4335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.489777	30.08410	.2268791	.0056606	1.614387	.2464138	7.828498
Stddev	.006326	.23382	.0008442	.0007139	.304506	.0003406	.034885
%RSD	.0666596	.7772154	.3720696	12.61246	18.86200	.1382256	.4456197

#1	9.482533	30.35354	.2275108	.0064805	1.761613	.2460545	7.865682
#2	9.494210	29.93440	.2272062	.0053254	1.264247	.2464550	7.823324
#3	9.492589	29.96437	.2259204	.0051760	1.817300	.2467320	7.796489

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.829593	6.010167	.0122532	.0083051	4.159379	8.371348	.0334876
Stddev	.039759	.042397	.0028402	.0006689	.008422	.038168	.0010922
%RSD	.4044820	.7054216	23.17957	8.054640	.2024848	.4559351	3.261445

#1	9.864752	6.059090	.0140942	.0075685	4.167890	8.412123	.0322976
#2	9.786447	5.984160	.0089822	.0088747	4.151049	8.336475	.0344442
#3	9.837581	5.987251	.0136833	.0084720	4.159197	8.365445	.0337211

Sample Name: M4414-19 Acquired: 11/01/2021 21:27:31 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.012484	.0607935	.0068958
Stddev	.009663	.0008596	.0015516
%RSD	.9543886	1.413905	22.50062

#1	1.023600	.0617858	.0052038
#2	1.006096	.0603143	.0082519
#3	1.007754	.0602803	.0072317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.340	34163.10	4640.532	918.2379	1444.667
Stddev	1.021	171.18	26.151	1.7820	4.172
%RSD	.0784248	.5010761	.5635362	.1940710	.2888157

#1	1303.412	33974.26	4619.939	916.1809	1441.064
#2	1302.230	34308.08	4669.955	919.2216	1449.238
#3	1301.378	34206.98	4631.702	919.3114	1443.699

Sample Name: CCV087 Acquired: 11/01/2021 21:31:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.897394	4.761825	24.79262	4.702909	4.798527	407.9767	9.848609
Stddev	.002747	.027625	.13649	.011518	.003734	2.0523	.010425
%RSD	.0560996	.5801439	.5505409	.2449106	.0778065	.5030419	.1058528

#1	4.894465	4.741348	24.67725	4.690757	4.798998	409.5438	9.842757
#2	4.899914	4.750882	24.75730	4.704303	4.802002	405.6537	9.842425
#3	4.897803	4.793246	24.94329	4.713666	4.794580	408.7326	9.860645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267753	2.407085	391.9105	15.06902	2.421162	15.06427	421.8773
Stddev	.0075616	.010133	1.1028	.03870	.009520	.05136	3.1130
%RSD	1.435449	.4209543	.2813924	.2568253	.3931953	.3409131	.7378976

#1	.5339332	2.398808	390.8398	15.11085	2.413203	15.06188	423.7534
#2	.5275268	2.404060	391.8490	15.03449	2.418574	15.01416	418.2838
#3	.5188661	2.418385	393.0428	15.06171	2.431708	15.11679	423.5946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44799	419.2215	2.382813	1.237202	412.3952	2.521668	14.44388
Stddev	.02652	3.3280	.004625	.002161	2.4076	.020499	.35097
%RSD	.1835635	.7938511	.1941158	.1746761	.5838060	.8129238	2.429890

#1	14.41787	420.7743	2.379434	1.239697	413.3995	2.543470	14.12816
#2	14.45827	415.4009	2.380921	1.235945	409.6481	2.502784	14.38168
#3	14.46784	421.4893	2.388085	1.235963	414.1381	2.518751	14.82178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.3662	5.012690	5.289638	4.868742	4.877371	5.265357	4.829277
Stddev	.3825	.033143	.037974	.006577	.015278	.048663	.015224
%RSD	.2462141	.6611735	.7179021	.1350893	.3132445	.9242094	.3152485

#1	155.7936	5.008532	5.330306	4.861186	4.862542	5.313141	4.822212
#2	155.0559	4.981822	5.283505	4.871856	4.876510	5.267069	4.818870
#3	155.2490	5.047715	5.255104	4.873183	4.893061	5.215860	4.846751

Sample Name: CCV087 Acquired: 11/01/2021 21:31:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.221731	5.077680	4.837495
Stddev	.042148	.031425	.002519
%RSD	.8071711	.6188844	.0520697

#1	5.224895	5.075343	4.839320
#2	5.178090	5.047489	4.838546
#3	5.262209	5.110209	4.834621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.4640	27457.70	3812.847	701.8027	1213.301
Stddev	1.0987	132.39	19.444	7.4316	3.114
%RSD	.1112618	.4821580	.5099588	1.058937	.2566372

#1	986.2341	27563.79	3791.185	709.5324	1215.379
#2	987.8097	27499.97	3818.564	701.1656	1214.803
#3	988.3483	27309.34	3828.791	694.7101	1209.721

Sample Name: CCB087 Acquired: 11/01/2021 21:35:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063387	-.002184	.0004579	-.000149	-.000118	-.005282	-.000493
Stddev	.0029813	.003209	.0026312	.005168	.001383	.010262	.000506
%RSD	47.03287	146.9222	574.6490	3478.062	1167.728	194.2787	102.5705

#1	.0078111	-.001707	-.001782	-.006006	.001101	.005344	-.000619
#2	.0029077	.000760	-.000200	.003766	-.001621	-.006053	-.000924
#3	.0082974	-.005606	.003356	.001794	.000164	-.015137	.000064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	.0001069	.0098888	-.000044	-.000068	.0024759	.0062978
Stddev	.000067	.0000536	.0052355	.001116	.000225	.0027596	.0156394
%RSD	93.84021	50.12825	52.94405	2557.426	330.3222	111.4587	248.3295

#1	-.000138	.0000583	.0113540	.001240	-.000198	.0028636	-.005988
#2	-.000070	.0001644	.0142355	-.000784	.000192	.0050212	.000978
#3	-.000005	.0000980	.0040767	-.000586	-.000199	-.000457	.023903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005979	-.062493	.0002353	.0008510	-.353050	.0012665	.0045403
Stddev	.0002264	.033052	.0001957	.0002881	.428703	.0052331	.0034799
%RSD	37.86460	52.88900	83.15708	33.85871	121.4284	413.1892	76.64418

#1	.0005119	-.082316	.0002370	.0011500	-.513604	.0017910	.0082272
#2	.0008547	-.024338	.0004302	.0008280	-.678302	.0062177	.0040806
#3	.0004271	-.080825	.0000388	.0005751	.132755	-.004209	.0013131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193824	.0041307	.0037808	.0006115	-.006876	-.000148	-.002041
Stddev	.073325	.0003406	.0007219	.0006156	.008991	.000878	.002580
%RSD	37.83067	8.246060	19.09456	100.6752	130.7695	592.6701	126.4292

#1	-.277285	.0045233	.0039296	.0005508	.000595	-.000081	-.000499
#2	-.164434	.0039140	.0044168	.0000284	-.016855	.000694	-.000603
#3	-.139754	.0039547	.0029961	.0012552	-.004367	-.001057	-.005019

Sample Name: CCB087 Acquired: 11/01/2021 21:35:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v19) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015420	-.006081	-.000072
Stddev	.0005037	.001919	.000010
%RSD	32.66586	31.54935	14.58358

#1	.0010444	-.005051	-.000062
#2	.0015300	-.004898	-.000083
#3	.0020516	-.008295	-.000070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.472	29206.65	3915.556	799.4187	1453.899
Stddev	2.188	230.40	23.843	10.3422	.699
%RSD	.1945365	.7888762	.6089390	1.293713	.0480941

#1	1125.290	28953.96	3901.144	790.1734	1453.200
#2	1121.994	29405.08	3902.446	810.5876	1454.598
#3	1126.133	29260.91	3943.078	797.4950	1453.900