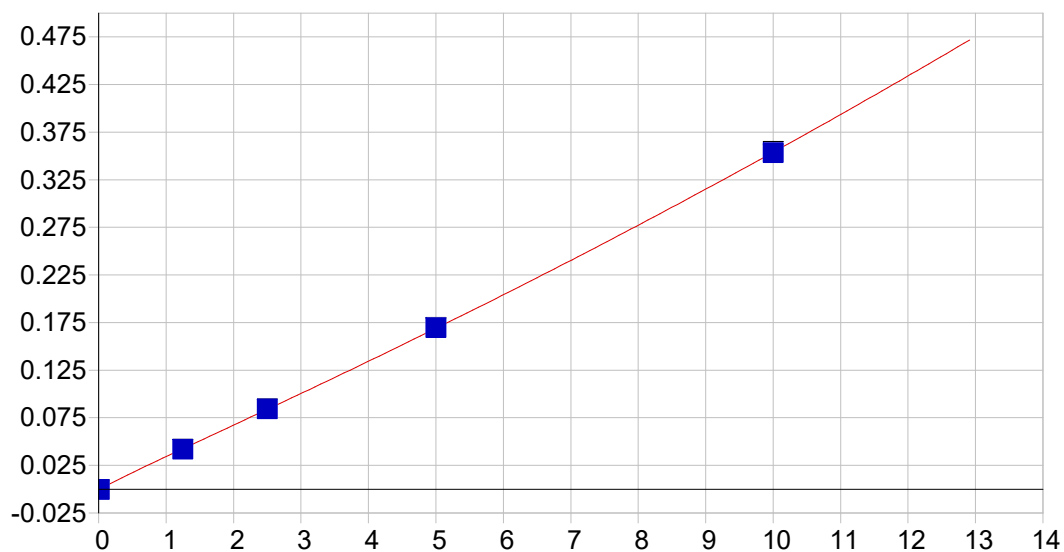


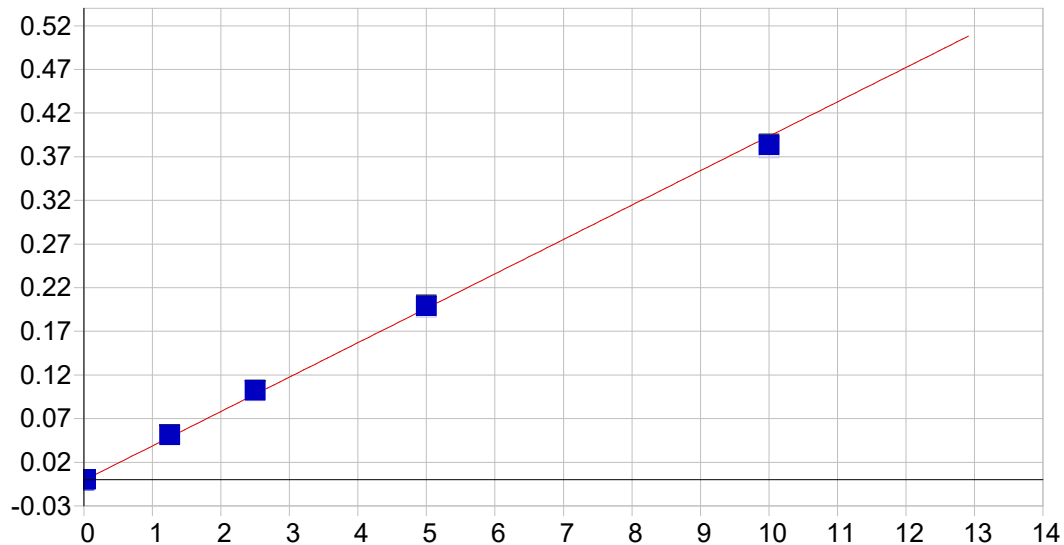


As 189.042 {479}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000882	Re-Slope:	1.000000
A1 (Gain):	0.034078	Y-int:	0.000000
A2 (Curvature):	0.001031		
n (Exponent):	0.920000		
Correlation:	0.999981	Status:	Warning Positive Curvature
Std Error of Est:	0.000005		
Predicted MDL:	0.009451		
Predicted MQL:	0.031503		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00088	.000	1
S1	.01000	.01103	.001	10.3	-.00034	.000	1
S2	1.2500	1.2278	-.022	-1.78	.04175	.000	1
S3	2.5000	2.5091	.009	.365	.08410	.000	1
S4	5.0000	5.0238	.024	.476	.16956	.000	1
S5	10.000	9.9890	-.011	-.110	.35323	.001	1

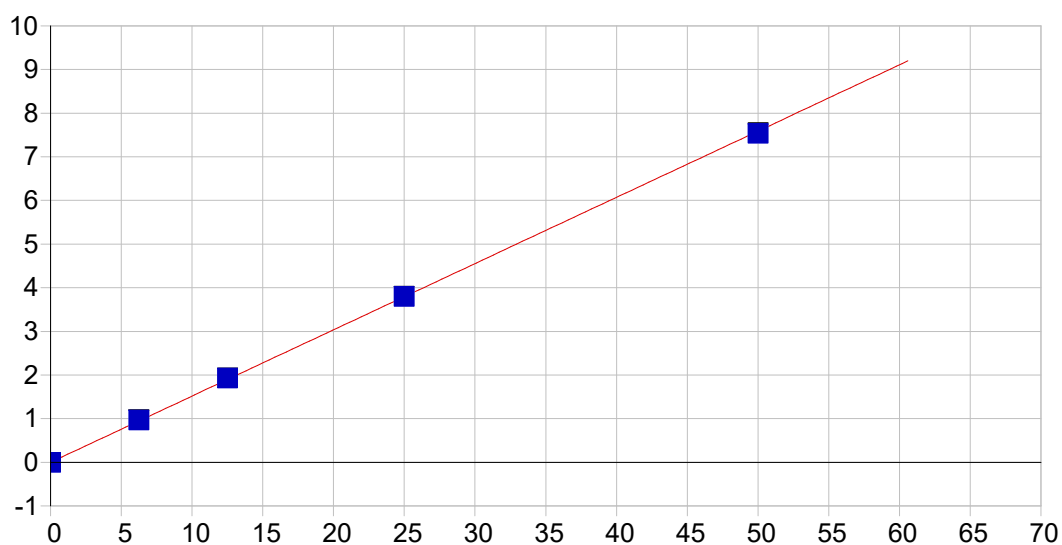


TI 190.856 {477}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000686 Re-Slope: 1.000000
 A1 (Gain): 0.039409 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999548 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.005891
 Predicted MQL: 0.019636

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.02500	.02498	-.000	-.076	.00025	.000	1
S2	1.2500	1.3207	.071	5.65	.05091	.000	1
S3	2.5000	2.6166	.117	4.66	.10153	.000	1
S4	5.0000	5.0654	.065	1.31	.19714	.001	1
S5	10.000	9.7474	-.253	-2.53	.37986	.001	1

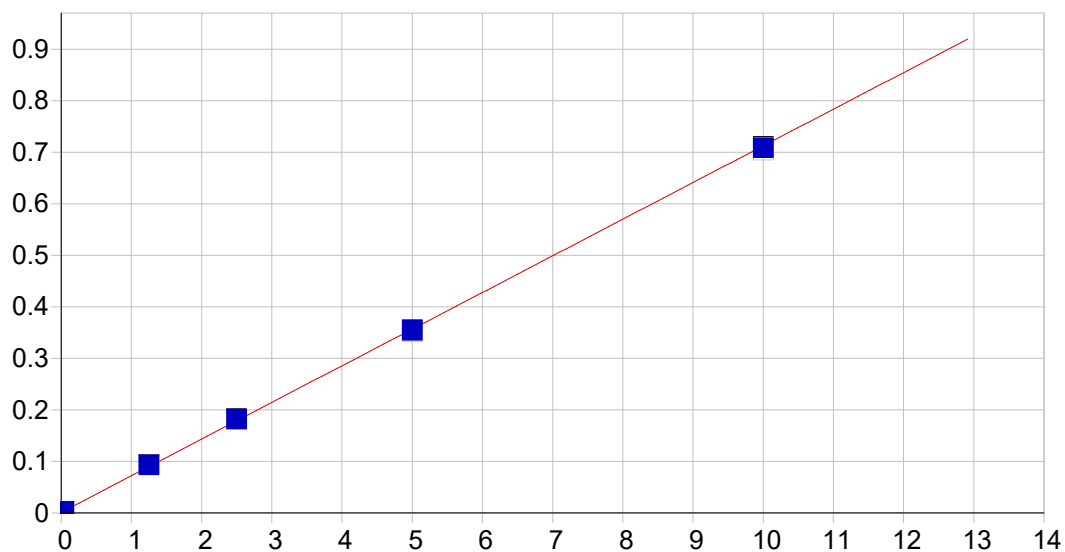


Pb 220.353 {453}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000696 Re-Slope: 1.000000
 A1 (Gain): 0.151797 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.003011
 Predicted MQL: 0.010037

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00070	.000	1
S1	.01000	.00892	-.001	-10.8	.00066	.000	1
S2	6.2500	6.3817	.132	2.11	.96857	.002	1
S3	12.500	12.716	.216	1.73	1.9306	.002	1
S4	25.000	25.028	.028	.111	3.8006	.004	1
S5	50.000	49.626	-.374	-.748	7.5367	.013	1

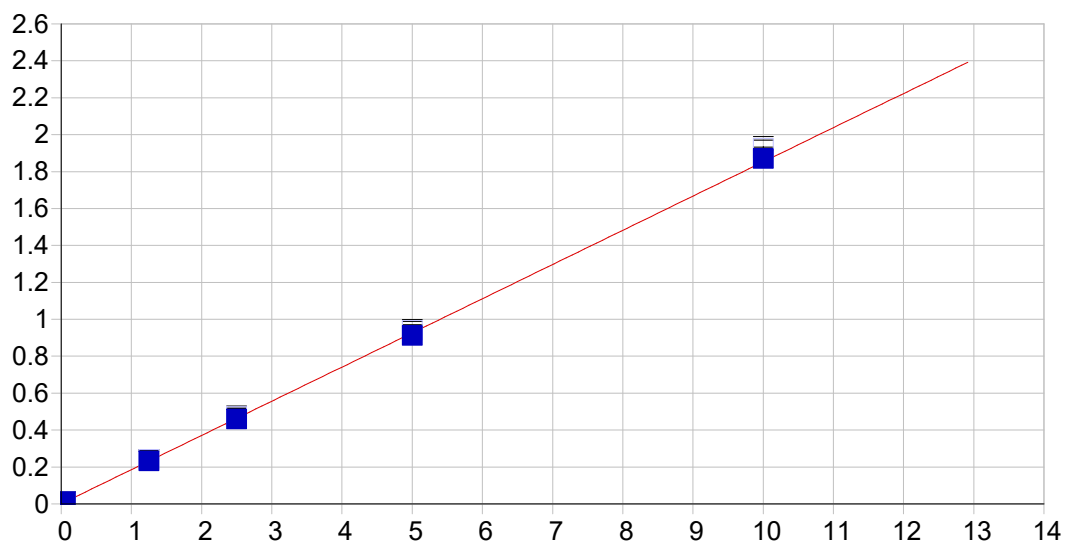


Se 196.090 {472}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001044	Re-Slope:	1.000000
A1 (Gain):	0.071117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.005729		
Predicted MQL:	0.019096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S1	.03500	.03325	-.002	-5.00	.00341	.000	1
S2	1.2500	1.2913	.041	3.30	.09223	.000	1
S3	2.5000	2.5460	.046	1.84	.18081	.001	1
S4	5.0000	4.9621	-.038	-.759	.35135	.001	1
S5	10.000	9.9525	-.048	-.475	.70368	.002	1

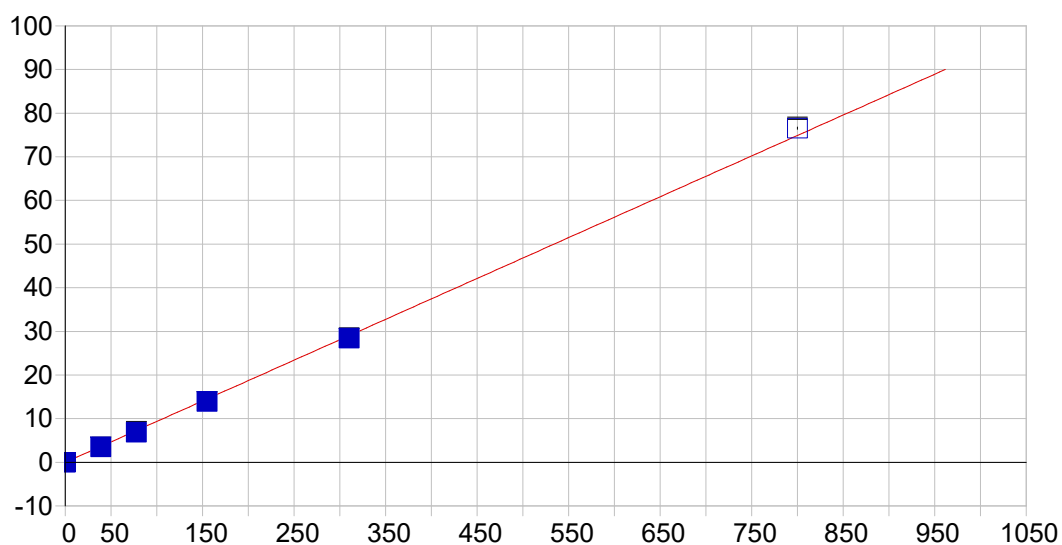


Sb 206.833 {463}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000395	Re-Slope:	1.000000
A1 (Gain):	0.185208	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	0.002742		
Predicted MQL:	0.009139		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00039	.000	1
S1	.06000	.06002	.000	.030	.01151	.000	1
S2	1.2500	1.2559	.006	.475	.24007	.001	1
S3	2.5000	2.4811	-.019	-.757	.47405	.002	1
S4	5.0000	4.9181	-.082	-1.64	.93953	.005	1
S5	10.000	10.095	.095	.949	1.9266	.009	1

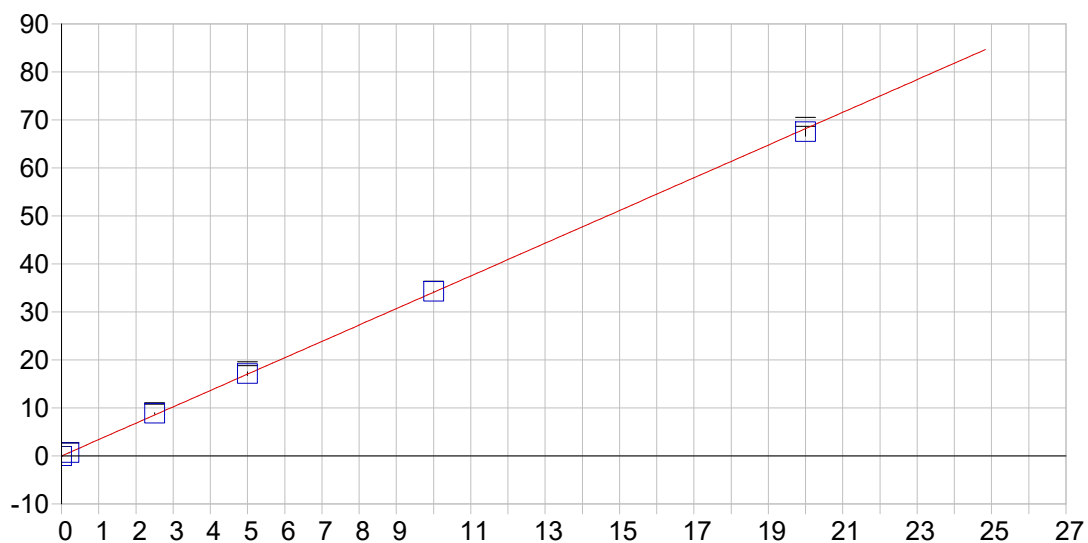


AI 396.152 { 85}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001701 Re-Slope: 1.000000
 A1 (Gain): 0.093615 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999626 Status: OK.
 Std Error of Est: 0.001592
 Predicted MDL: 0.009481
 Predicted MQL: 0.031602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00170	.000	1
S1	.20000	.19466	-.005	-2.67	.01655	.001	1
S2	38.750	37.717	-1.03	-2.67	3.5329	.054	1
S3	77.500	73.590	-3.91	-5.04	6.8950	.162	1
S4	155.00	148.40	-6.60	-4.26	13.906	.023	1
S5	310.00	303.68	-6.32	-2.04	28.458	.031	1
S6	800.00	817.88	17.9	2.24	76.564	.285	1

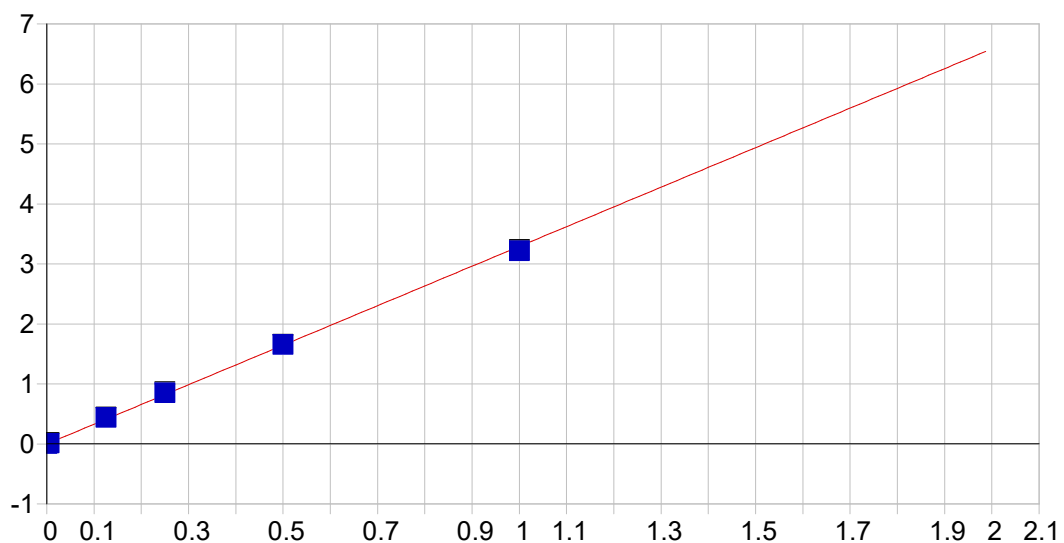


Ba 493.409 { 68}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006087 Re-Slope: 1.000000
 A1 (Gain): 3.408991 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.004755
 Predicted MDL: 0.000528
 Predicted MQL: 0.001759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00611	.000	1
S1	.20000	.19880	-.001	-.599	.67163	.013	1
S2	2.5000	2.6029	.103	4.11	8.8670	.142	1
S3	5.0000	5.0253	.025	.506	17.125	.391	1
S4	10.000	10.061	.061	.606	34.290	.046	1
S5	20.000	19.812	-.188	-.938	67.534	.932	1

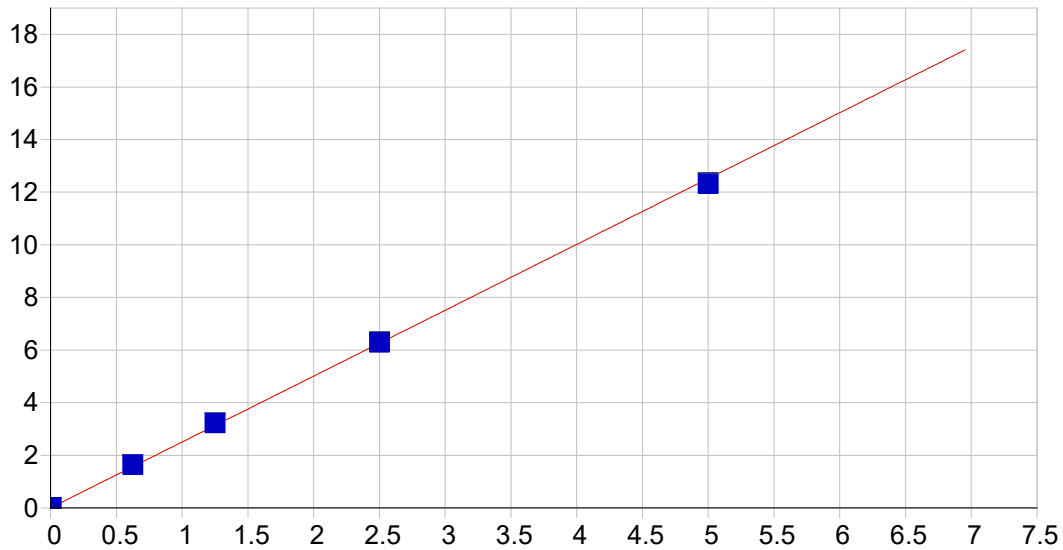


Be 234.861 {144}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001300	Re-Slope:	1.000000
A1 (Gain):	3.292571	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999591	Status:	OK.
Std Error of Est:	0.000353		
Predicted MDL:	0.000097		
Predicted MQL:	0.000323		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00130	.000	1
S1	.00500	.00520	.000	4.09	.01583	.000	1
S2	.12500	.13455	.010	7.64	.44065	.005	1
S3	.25000	.25884	.009	3.54	.84884	.018	1
S4	.50000	.50291	.003	.583	1.6503	.004	1
S5	1.0000	.97849	-.022	-2.15	3.2119	.019	1

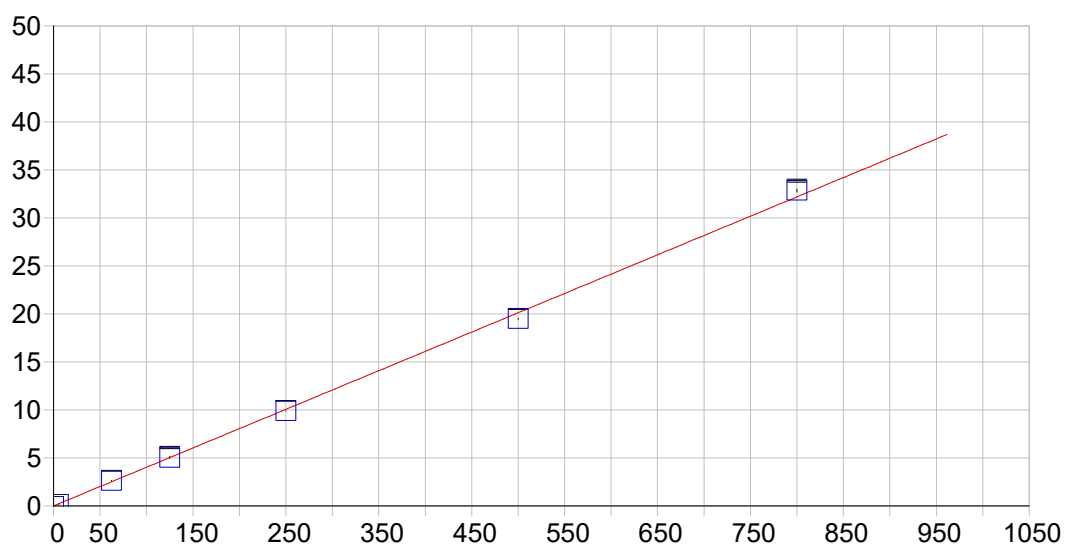


Cd 214.438 {457}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001129 Re-Slope: 1.000000
 A1 (Gain): 2.503842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.000143
 Predicted MQL: 0.000478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00113	.000	1
S1	.00500	.00521	.000	4.13	.01417	.000	1
S2	.62500	.65369	.029	4.59	1.6410	.002	1
S3	1.2500	1.2880	.038	3.04	3.2322	.007	1
S4	2.5000	2.5120	.012	.480	6.3031	.012	1
S5	5.0000	4.9211	-.079	-1.58	12.348	.020	1

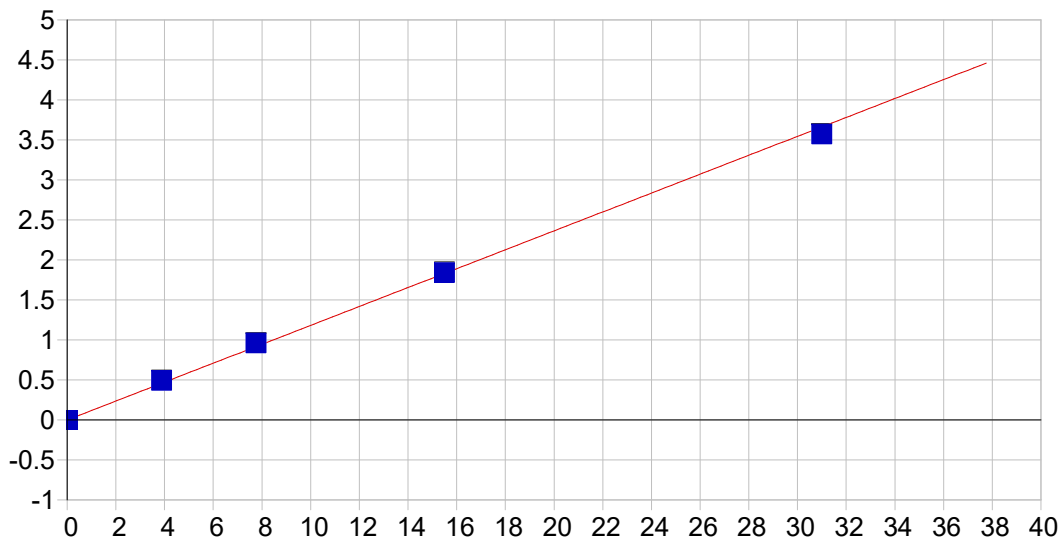


Ca 373.690 { 90}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001418 Re-Slope: 1.000000
 A1 (Gain): 0.040237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.003398
 Predicted MDL: 0.017239
 Predicted MQL: 0.057462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00142	.000	1
S1	5.0000	4.9474	-.053	-1.05	.20048	.002	1
S2	62.500	65.345	2.84	4.55	2.6307	.042	1
S3	125.00	125.18	.182	.146	5.0383	.115	1
S4	250.00	246.39	-3.61	-1.45	9.9152	.025	1
S5	500.00	484.20	-15.8	-3.16	19.484	.059	1
S6	800.00	816.44	16.4	2.06	32.852	.156	1

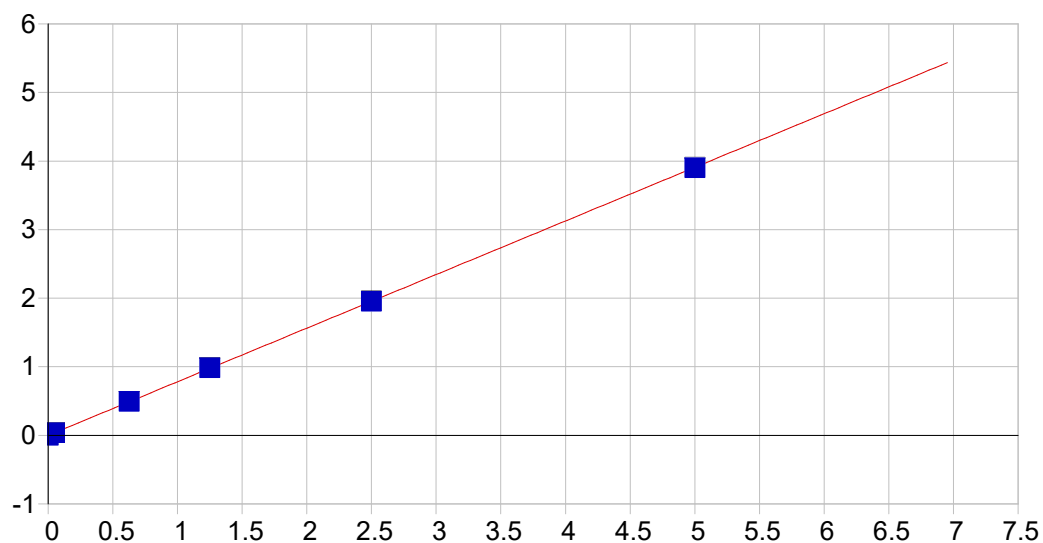


Cr 267.716 {126}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000089	Re-Slope:	1.000000
A1 (Gain):	0.118152	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999467	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000657		
Predicted MQL:	0.002191		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.01000	.01081	.001	8.12	.00119	.000	1
S2	3.8750	4.1738	.299	7.71	.49319	.004	1
S3	7.7500	8.1399	.390	5.03	.96192	.002	1
S4	15.500	15.577	.077	.498	1.8409	.007	1
S5	31.000	30.233	-.767	-2.47	3.5731	.007	1

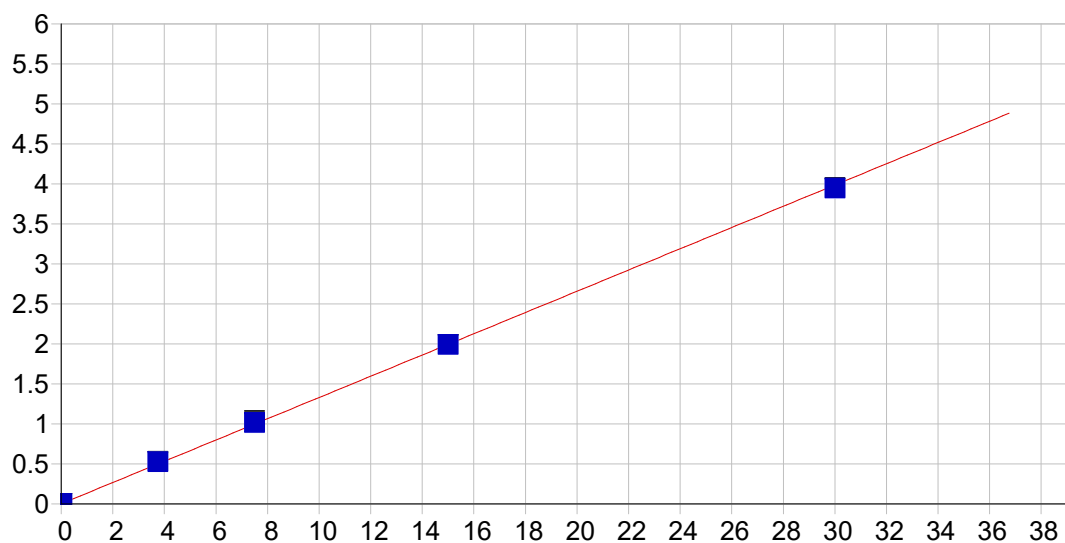


Co 228.616 {448}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000272	Re-Slope:	1.000000
A1 (Gain):	0.781695	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.000451		
Predicted MQL:	0.001504		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.05000	.04894	-.001	-2.12	.03812	.000	1
S2	.62500	.63133	.006	1.01	.49397	.001	1
S3	1.2500	1.2576	.008	.611	.98428	.002	1
S4	2.5000	2.4972	-.003	-.112	1.9547	.004	1
S5	5.0000	4.9899	-.010	-.202	3.9062	.004	1

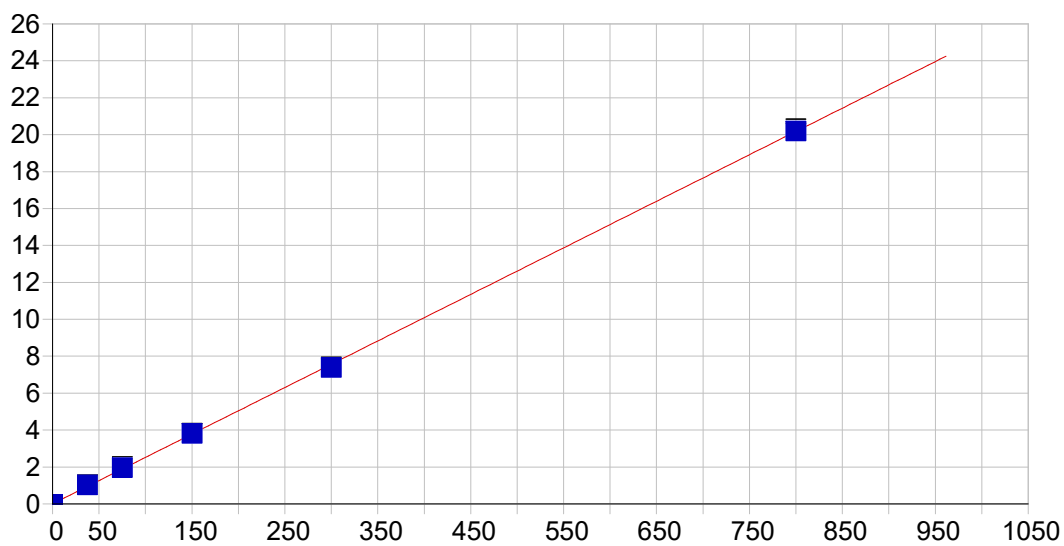


Cu 324.754 {104}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001874	Re-Slope:	1.000000
A1 (Gain):	0.132813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999863	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.003138		
Predicted MQL:	0.010459		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00187	.000	1
S1	.02500	.02373	-.001	-5.08	.00502	.000	1
S2	3.7500	3.9467	.197	5.25	.52538	.008	1
S3	7.5000	7.6245	.124	1.66	1.0132	.024	1
S4	15.000	14.974	-.026	-.174	1.9879	.003	1
S5	30.000	29.706	-.294	-.980	3.9418	.005	1

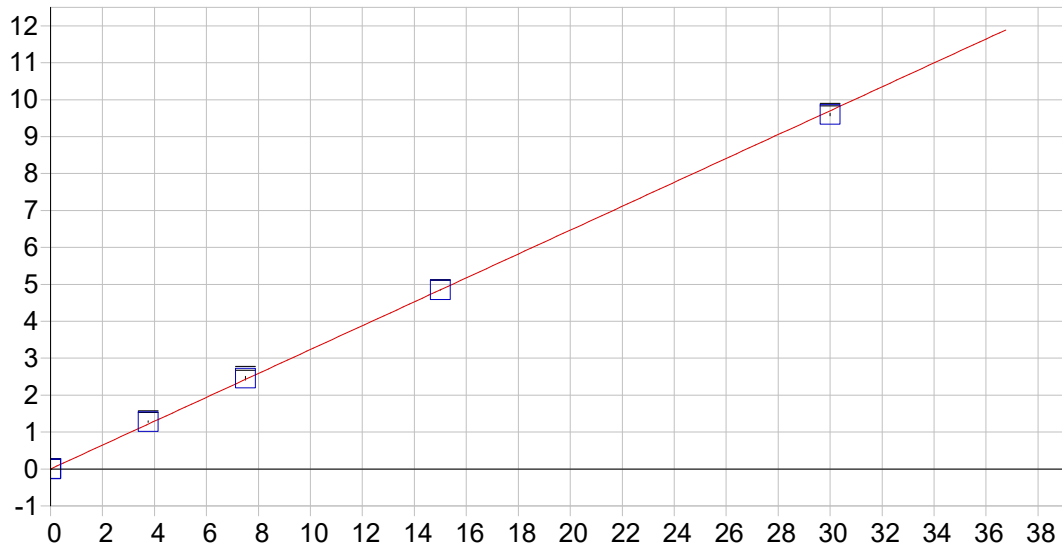


Fe 259.837 {130}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000436 Re-Slope: 1.000000
 A1 (Gain): 0.025219 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000219
 Predicted MDL: 0.009772
 Predicted MQL: 0.032574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00044	.000	1
S1	.10000	.10123	.001	1.23	.00300	.000	1
S2	37.500	40.648	3.15	8.39	1.0266	.018	1
S3	75.000	77.586	2.59	3.45	1.9593	.046	1
S4	150.00	151.15	1.15	.767	3.8167	.008	1
S5	300.00	292.70	-7.30	-2.43	7.3910	.024	1
S6	800.00	800.41	.414	.052	20.200	.108	1

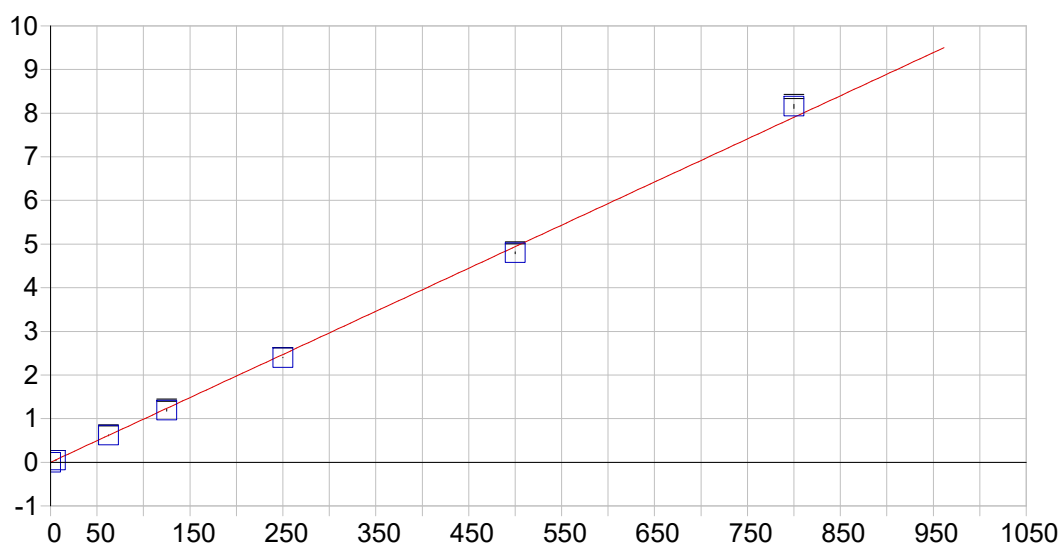


Mn 257.610 {131}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000098	Re-Slope:	1.000000
A1 (Gain):	0.323374	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999848	Status:	OK.
Std Error of Est:	0.000200		
Predicted MDL:	0.000676		
Predicted MQL:	0.002253		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01500	.01549	.000	3.24	.00491	.000	1
S2	3.7500	3.9666	.217	5.78	1.2826	.020	1
S3	7.5000	7.5982	.098	1.31	2.4569	.053	1
S4	15.000	14.998	-.002	-.011	4.8500	.009	1
S5	30.000	29.686	-.314	-1.05	9.5997	.034	1

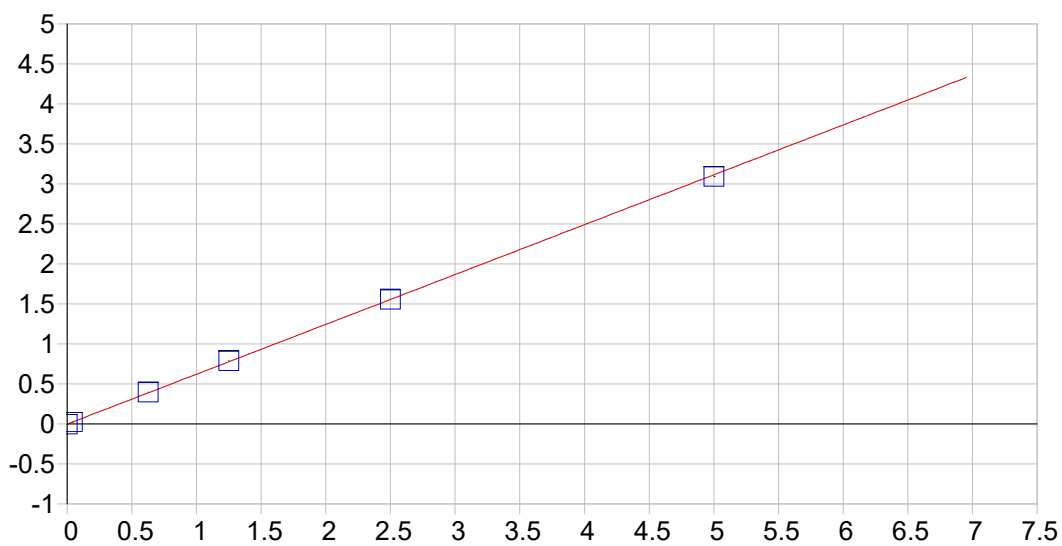


Mg 279.079 {121}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.009882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554 Status: OK.
 Std Error of Est: 0.001030
 Predicted MDL: 0.030080
 Predicted MQL: 0.100267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00053	.001	.000	-.00024	.000	1
S1	5.0000	4.7615	-.238	-4.77	.04681	.001	1
S2	62.500	62.485	-.015	-.025	.61721	.010	1
S3	125.00	121.00	-4.00	-3.20	1.1954	.026	1
S4	250.00	242.74	-7.26	-2.90	2.3984	.006	1
S5	500.00	486.01	-14.0	-2.80	4.8024	.022	1
S6	800.00	825.50	25.5	3.19	8.1571	.049	1

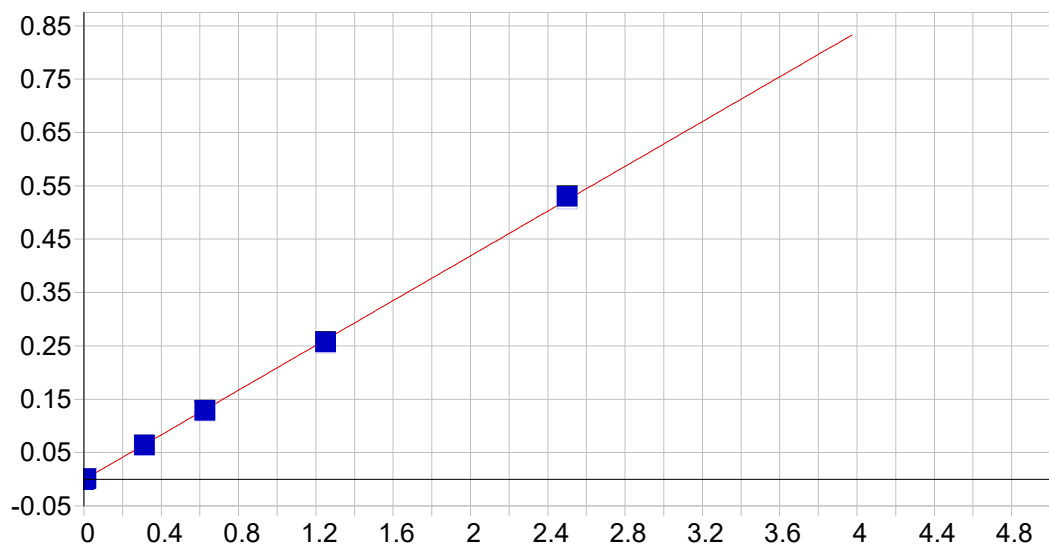


Ni 231.604 {446}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002253 Re-Slope: 1.000000
 A1 (Gain): 0.623133 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.000652
 Predicted MQL: 0.002175

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00225	.000	1
S1	.04000	.04039	.000	.968	.02291	.000	1
S2	.62500	.63915	.014	2.26	.39602	.002	1
S3	1.2500	1.2701	.020	1.61	.78917	.002	1
S4	2.5000	2.4997	-.000	-.013	1.5554	.005	1
S5	5.0000	4.9657	-.034	-.686	3.0920	.002	1

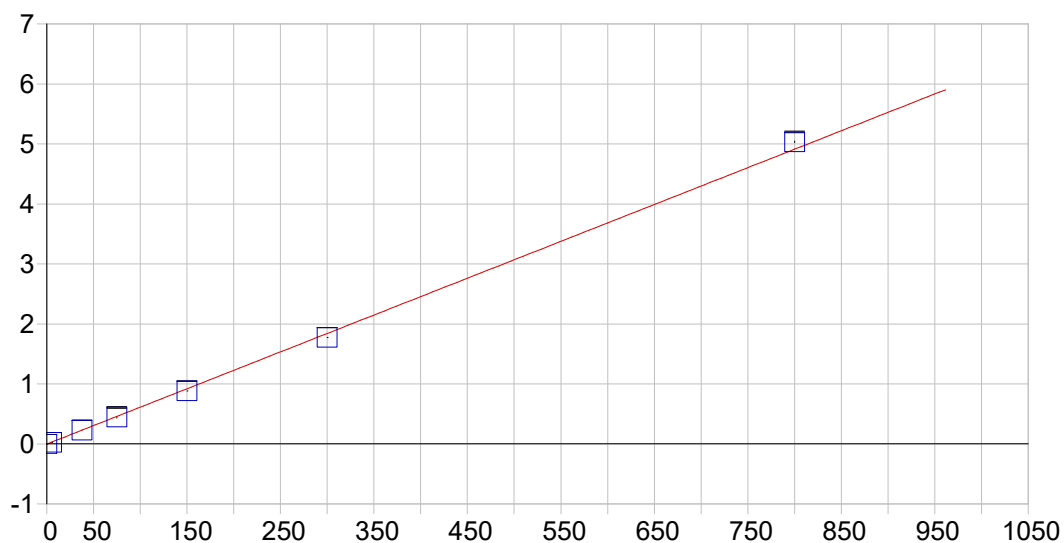


Ag 328.068 {103}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000803	Re-Slope:	1.000000
A1 (Gain):	0.209771	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.000576		
Predicted MQL:	0.001918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.00989	-.000	-1.07	.00126	.000	1
S2	.31250	.30767	-.005	-1.54	.06304	.000	1
S3	.62500	.61854	-.006	-1.03	.12756	.000	1
S4	1.2500	1.2302	-.020	-1.59	.25446	.000	1
S5	2.5000	2.5312	.031	1.25	.52459	.001	1

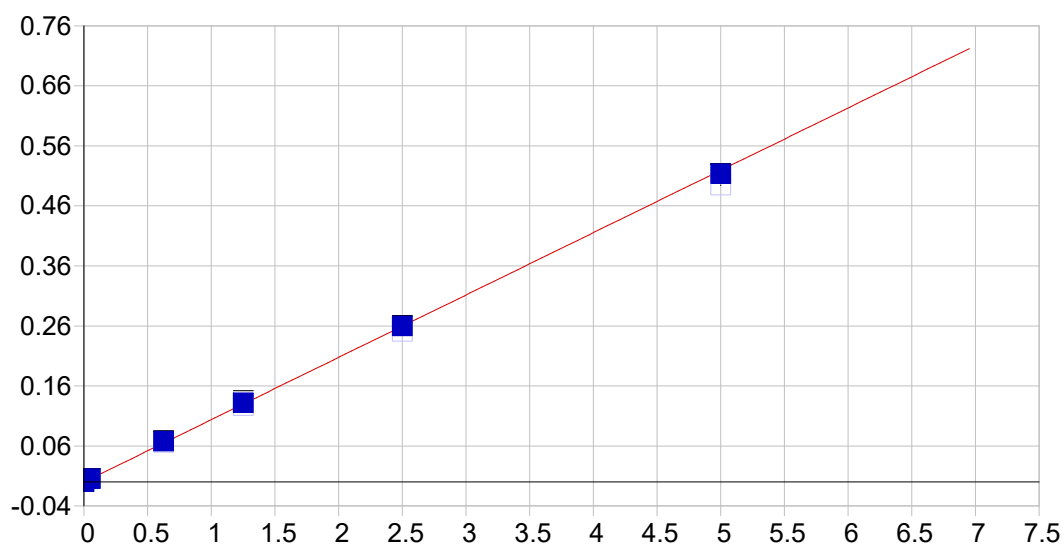


Na 818.326 { 41}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002114	Re-Slope:	1.000000
A1 (Gain):	0.006142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999536	Status:	OK.
Std Error of Est:	0.000579		
Predicted MDL:	0.261599		
Predicted MQL:	0.871998		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	-.00211	.001	1
S1	5.0000	4.4743	-.526	-10.5	.02537	.000	1
S2	37.500	37.561	.061	.162	.22858	.004	1
S3	75.000	72.434	-2.57	-3.42	.44276	.013	1
S4	150.00	144.30	-5.70	-3.80	.88412	.001	1
S5	300.00	288.84	-11.2	-3.72	1.7719	.001	1
S6	800.00	819.89	19.9	2.49	5.0335	.013	1

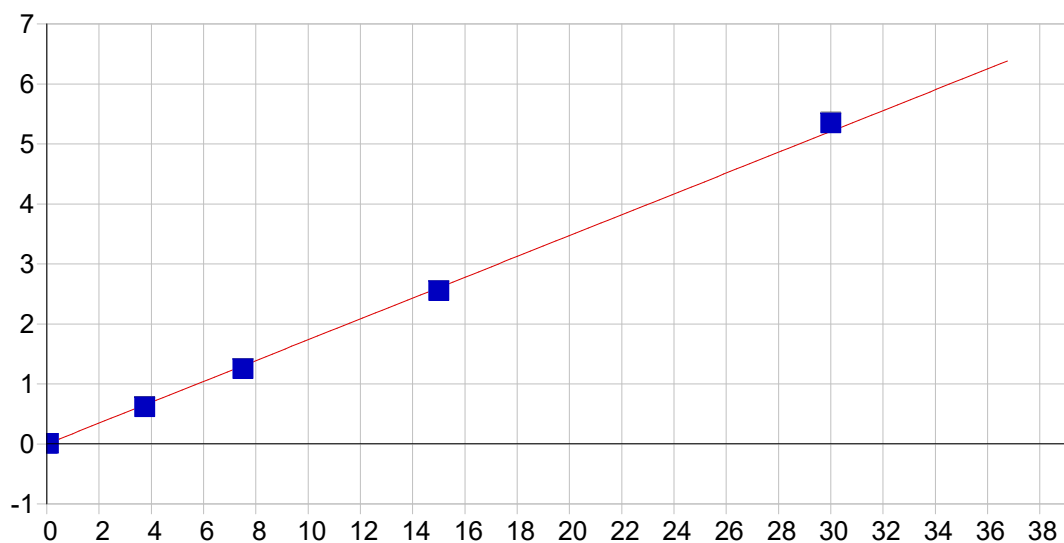


V 292.402 {115}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000204	Re-Slope:	1.000000
A1 (Gain):	0.103907	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.003406		
Predicted MQL:	0.011353		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.05000	.05074	.001	1.49	.00506	.000	1
S2	.62500	.65601	.031	4.96	.06557	.001	1
S3	1.2500	1.2691	.019	1.53	.12688	.004	1
S4	2.5000	2.5039	.004	.157	.25041	.001	1
S5	5.0000	4.9452	-.055	-1.10	.49452	.001	1

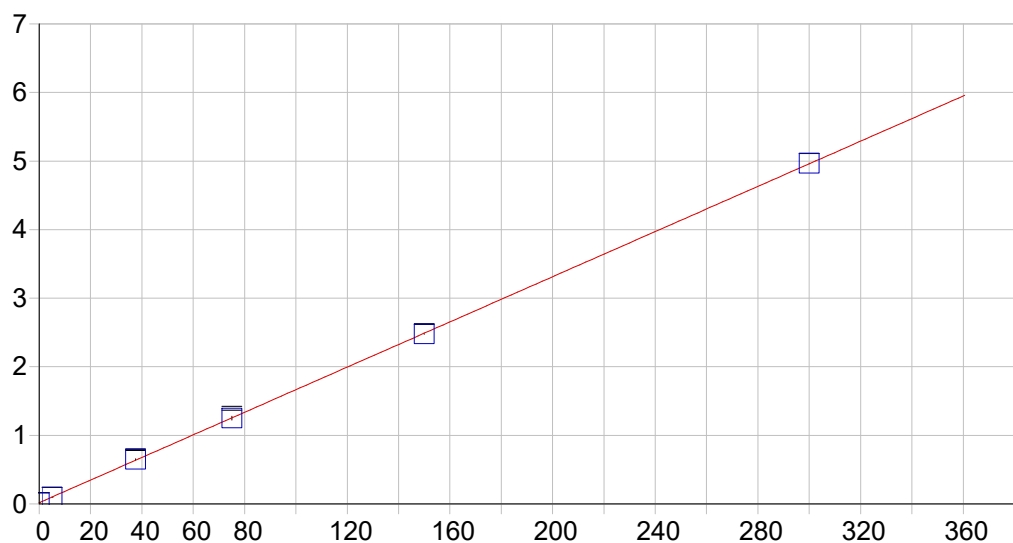


Zn 213.856 {158}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000665	Re-Slope:	1.000000
A1 (Gain):	0.173620	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999545	Status:	OK.
Std Error of Est:	0.000373		
Predicted MDL:	0.004499		
Predicted MQL:	0.014997		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00066	.000	1
S1	.06000	.05264	-.007	-12.3	.00851	.000	1
S2	3.7500	3.5466	-.203	-5.42	.61561	.007	1
S3	7.5000	7.2087	-.291	-3.88	1.2519	.001	1
S4	15.000	14.693	-.307	-2.04	2.5525	.006	1
S5	30.000	30.809	.809	2.70	5.3524	.009	1

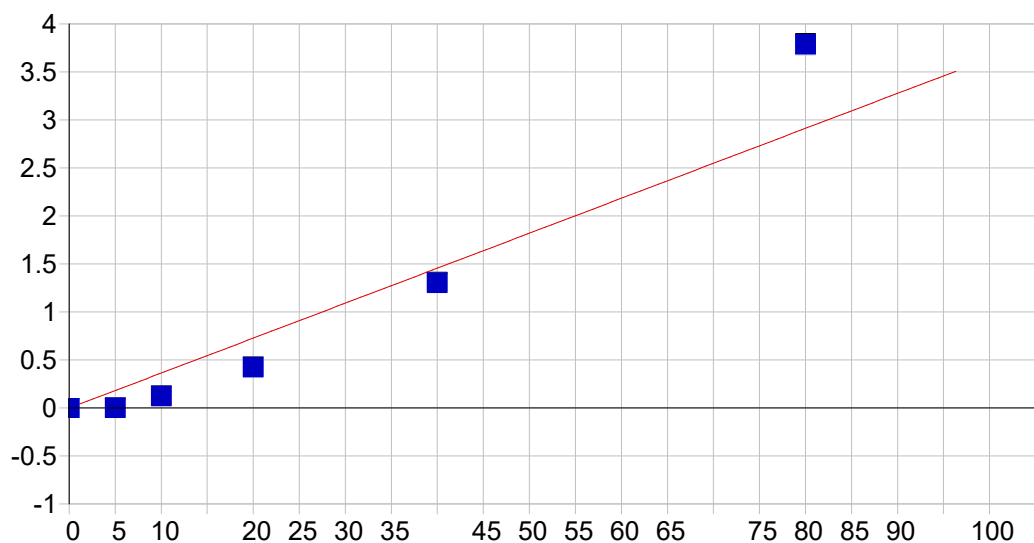


K 769.896 { 44}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018457 Re-Slope: 1.000000
 A1 (Gain): 0.016473 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.080120
 Predicted MQL: 0.267066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.01846	.001	1
S1	5.0000	4.7732	-.227	-4.54	.09708	.001	1
S2	37.500	38.123	.623	1.66	.64644	.011	1
S3	75.000	74.868	-.132	-.176	1.2517	.027	1
S4	150.00	149.32	-.685	-.457	2.4781	.006	1
S5	300.00	300.42	.421	.140	4.9672	.004	1

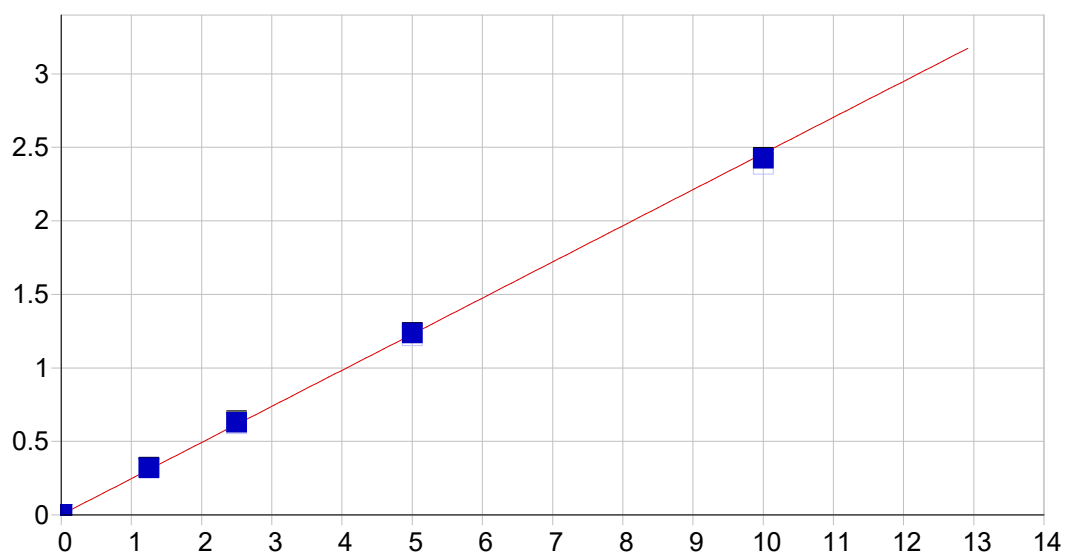


P 177.495 {490}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001352 Re-Slope: 1.000000
 A1 (Gain): 0.036420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.939416 Status: OK.
 Std Error of Est: 0.014251
 Predicted MDL: 0.005491
 Predicted MQL: 0.018304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00938	.009	.000	-.00101	.000	1
S1	5.0000	.02009	-4.98	-99.6	-.00063	.000	1
S2	10.000	3.3857	-6.61	-66.1	.12045	.000	1
S3	20.000	11.703	-8.30	-41.5	.42186	.001	1
S4	40.000	35.858	-4.14	-10.4	1.2986	.005	1
S5	80.000	104.05	24.1	30.1	3.7762	.008	1

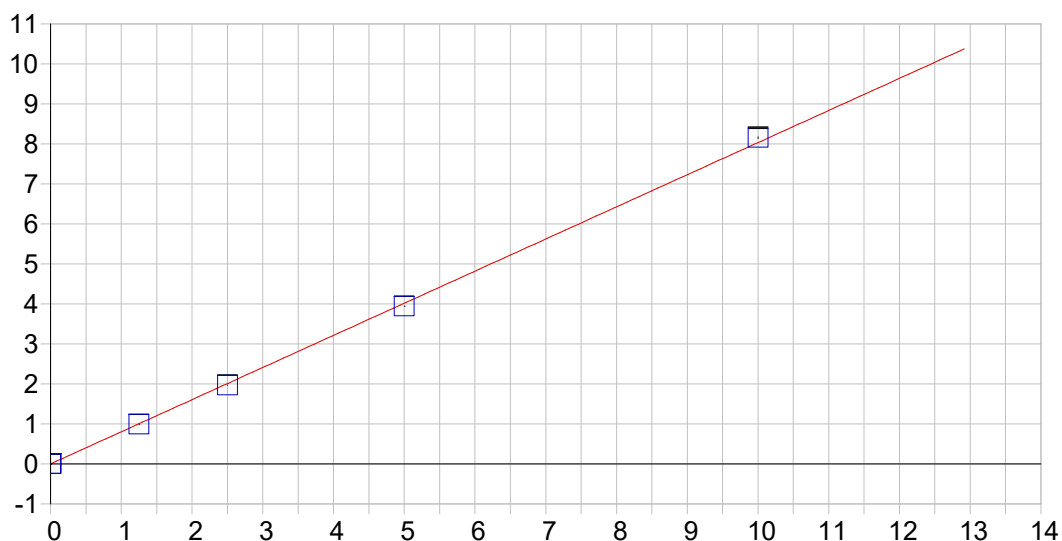


B 249.678 {135}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000930	Re-Slope:	1.000000
A1 (Gain):	0.245710	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.000070		
Predicted MDL:	0.001482		
Predicted MQL:	0.004940		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.01000	.00936	-.001	-6.37	.00324	.000	1
S2	1.2500	1.2992	.049	3.94	.31510	.005	1
S3	2.5000	2.5568	.057	2.27	.61906	.011	1
S4	5.0000	5.0320	.032	.639	1.2171	.003	1
S5	10.000	9.8627	-.137	-1.37	2.3838	.008	1

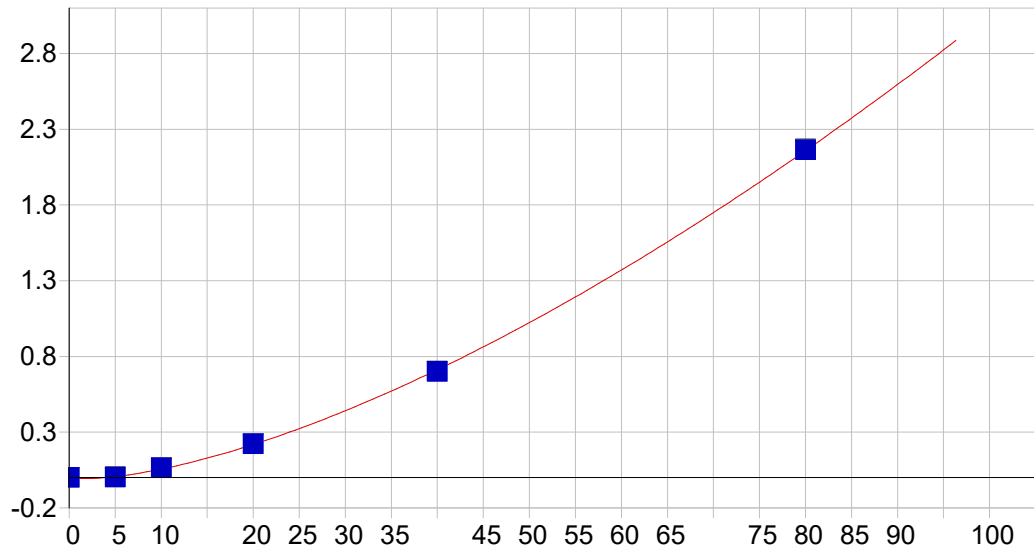


Mo 202.030 {467}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000367	Re-Slope:	1.000000
A1 (Gain):	0.803247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999862	Status:	OK.
Std Error of Est:	0.000224		
Predicted MDL:	0.000557		
Predicted MQL:	0.001856		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.01000	.00978	-.000	-2.20	.00822	.000	1
S2	1.2500	1.2316	-.018	-1.47	.98967	.001	1
S3	2.5000	2.4534	-.047	-1.86	1.9711	.002	1
S4	5.0000	4.9096	-.090	-1.81	3.9440	.000	1
S5	10.000	10.156	.156	1.56	8.1578	.021	1

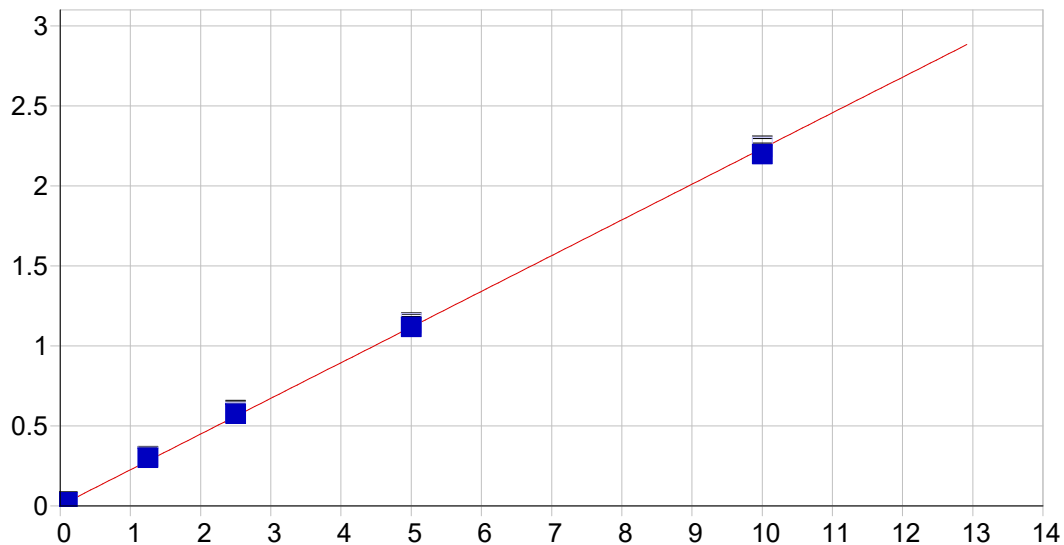


S 182.034 {485}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000359	Re-Slope:	1.000000
A1 (Gain):	-0.010075	Y-int:	0.000000
A2 (Curvature):	0.003686		
n (Exponent):	0.740000		
Correlation:	0.999894	Status:	Warning Positive Curvature
Std Error of Est:	0.000483		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	5.0000	.00000	-5.00	-100.	.00224	.000	1
S2	10.000	.00000	-10.0	-100.	.06404	.000	1
S3	20.000	.00000	-20.0	-100.	.22289	.001	1
S4	40.000	.00000	-40.0	-100.	.70024	.001	1
S5	80.000	.00000	-80.0	-100.	2.1637	.005	1

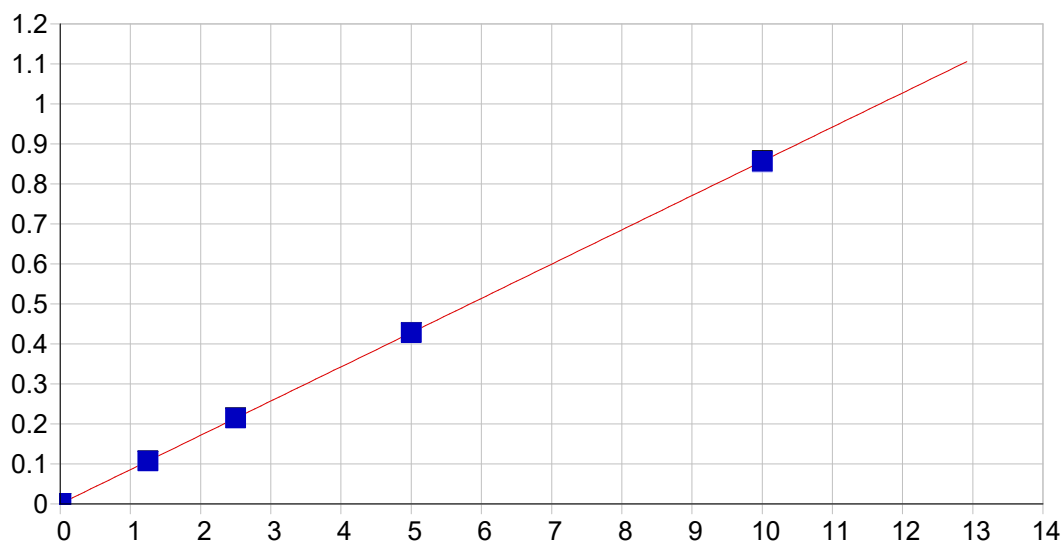


Si 251.611 {134}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002329	Re-Slope:	1.000000
A1 (Gain):	0.223095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000280		
Predicted MDL:	0.001583		
Predicted MQL:	0.005278		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00233	.000	1
S1	.10000	.10030	.000	.303	.02495	.000	1
S2	1.2500	1.3384	.088	7.07	.30635	.004	1
S3	2.5000	2.5673	.067	2.69	.58595	.013	1
S4	5.0000	5.0004	.000	.008	1.1396	.004	1
S5	10.000	9.8437	-.156	-1.56	2.2419	.008	1

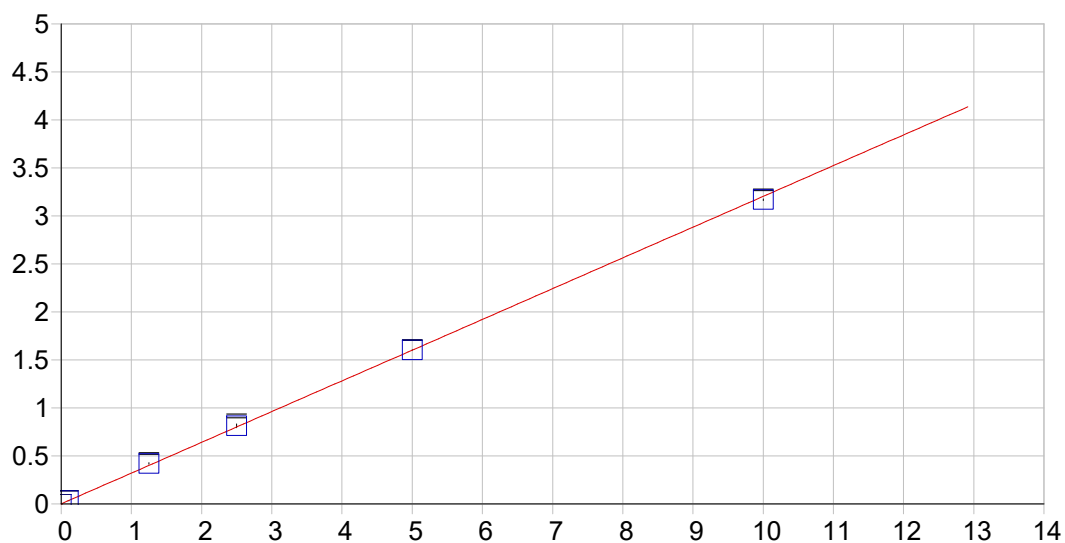


Sn 189.989 {478}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000142 Re-Slope: 1.000000
 A1 (Gain): 0.085616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.002373
 Predicted MQL: 0.007910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00700	.00673	-.000	-3.89	.00070	.000	1
S2	1.2500	1.2489	-.001	-.091	.10677	.000	1
S3	2.5000	2.5050	.005	.199	.21402	.001	1
S4	5.0000	4.9992	-.001	-.015	.42699	.000	1
S5	10.000	9.9972	-.003	-.028	.85373	.002	1

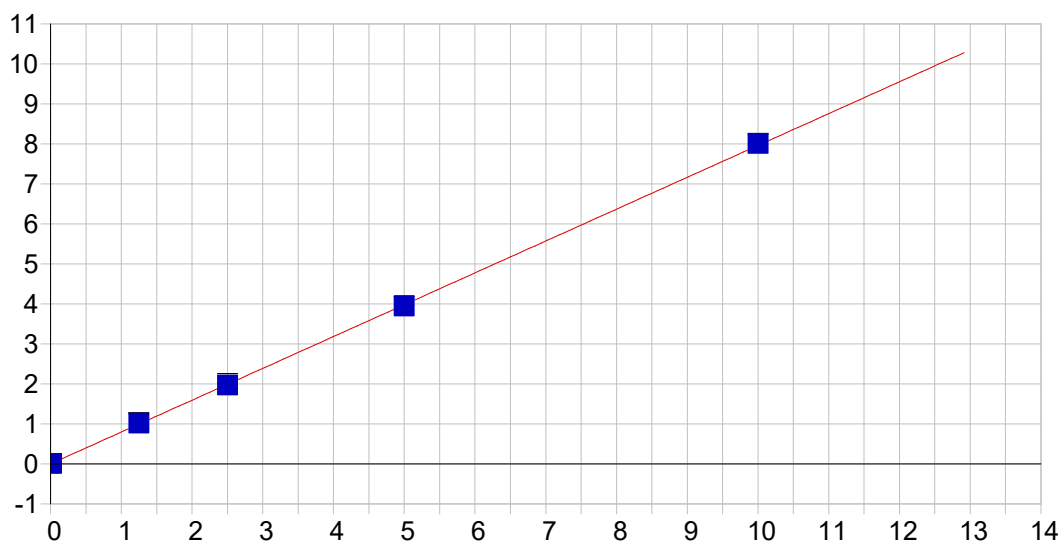


Ti 336.121 {100}

Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000782	Re-Slope:	1.000000
A1 (Gain):	0.320230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000277		
Predicted MDL:	0.001492		
Predicted MQL:	0.004973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00078	.000	1
S1	.10000	.10237	.002	2.37	.03356	.001	1
S2	1.2500	1.3123	.062	4.98	.42102	.007	1
S3	2.5000	2.5408	.041	1.63	.81443	.020	1
S4	5.0000	5.0021	.002	.042	1.6026	.003	1
S5	10.000	9.8924	-.108	-1.08	3.1686	.007	1

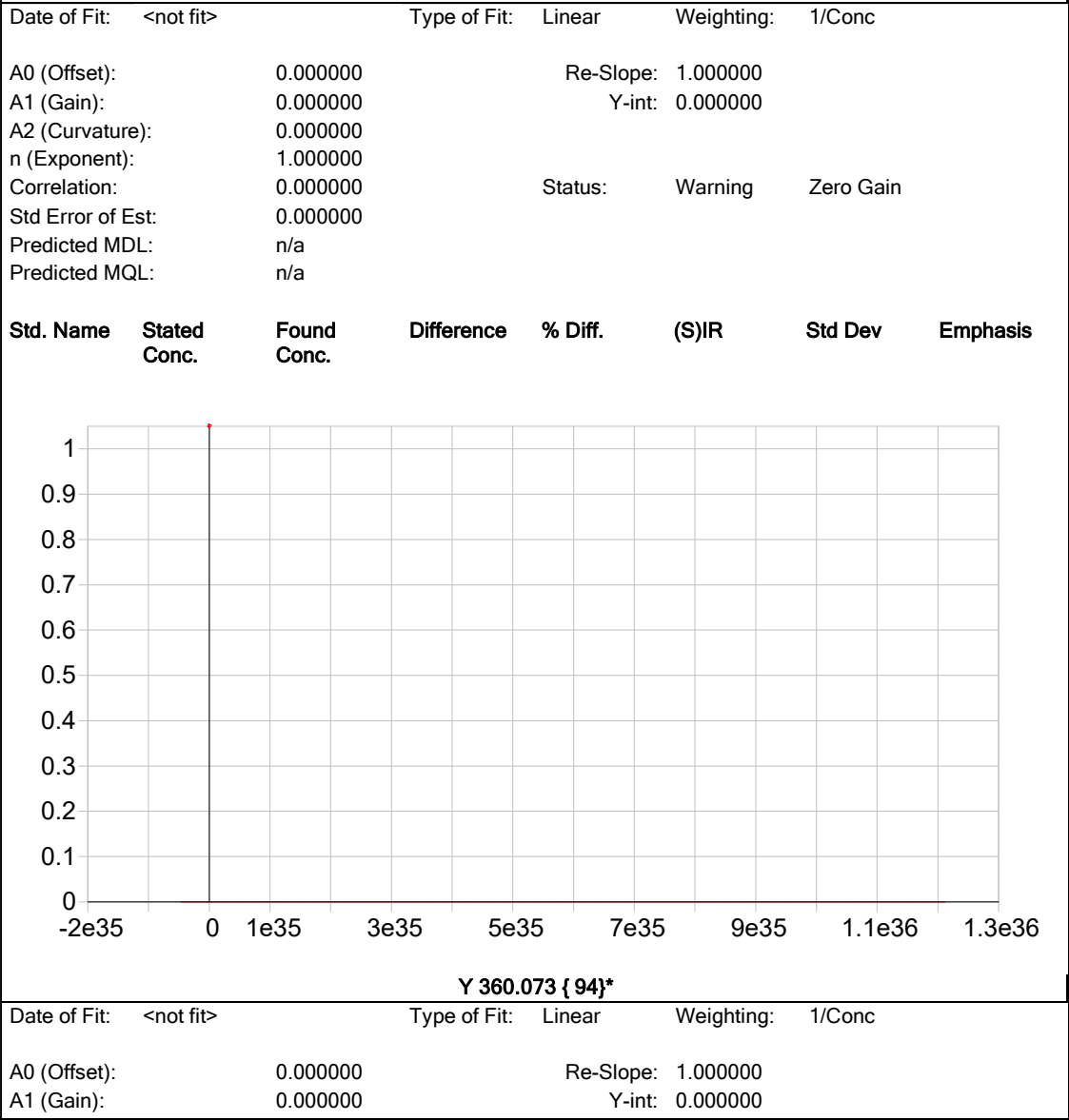
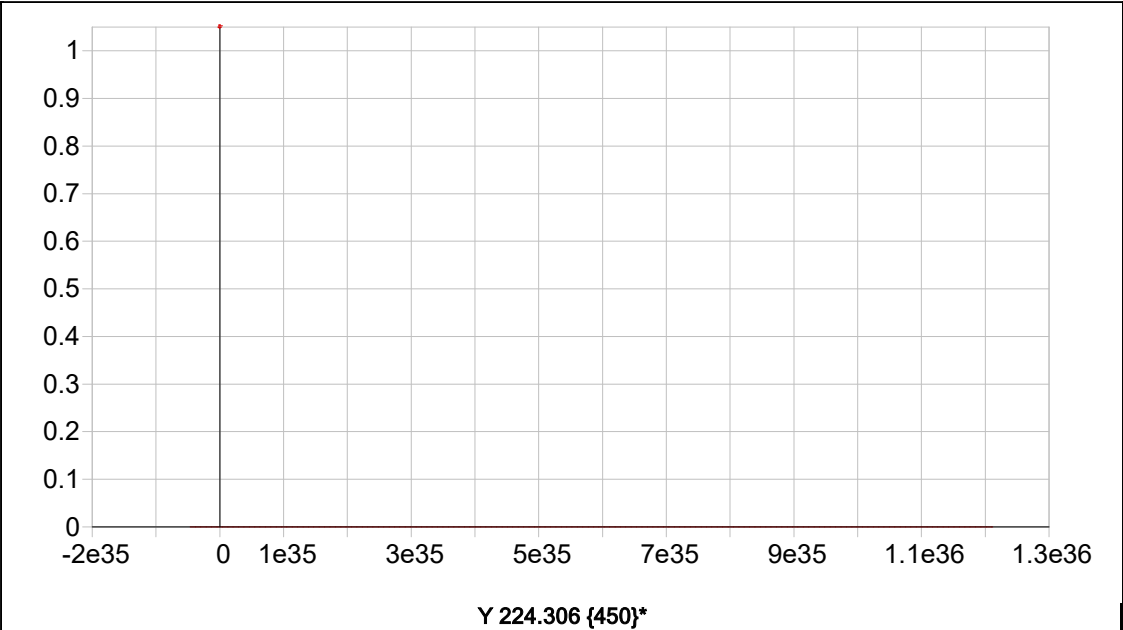


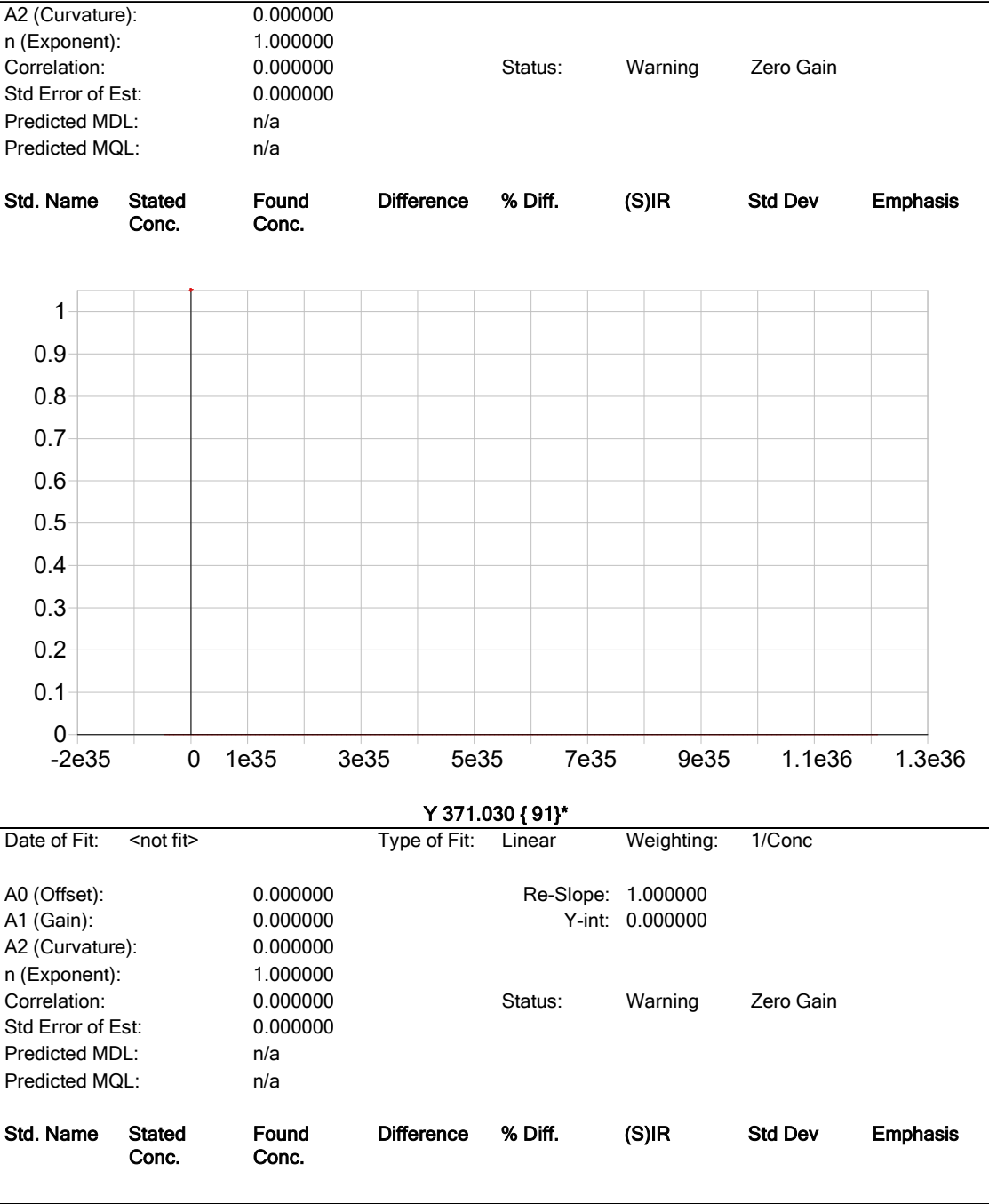
Li 670.784 { 50}

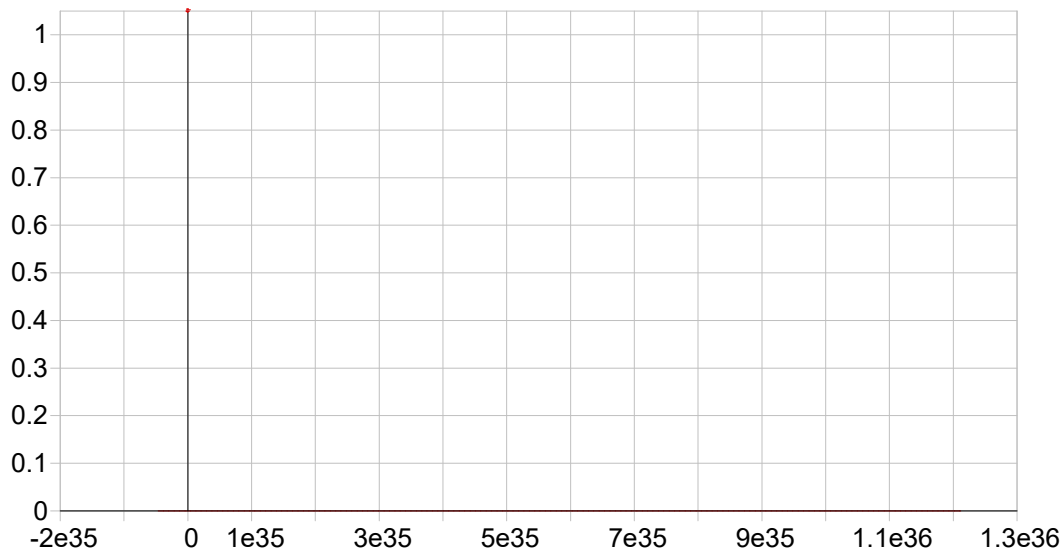
Date of Fit: 11/16/2021 15:06:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000142 Re-Slope: 1.000000
 A1 (Gain): 0.796104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.001851
 Predicted MQL: 0.006169

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.002	1
S5	10.000	10.060	.060	.605	8.0007	.007	1
S4	5.0000	4.9491	-.051	-1.02	3.9358	.008	1
S3	2.5000	2.4696	-.030	-1.21	1.9641	.045	1
S2	1.2500	1.2729	.023	1.83	1.0124	.017	1
S1	.01500	.01294	-.002	-13.8	.01038	.002	1



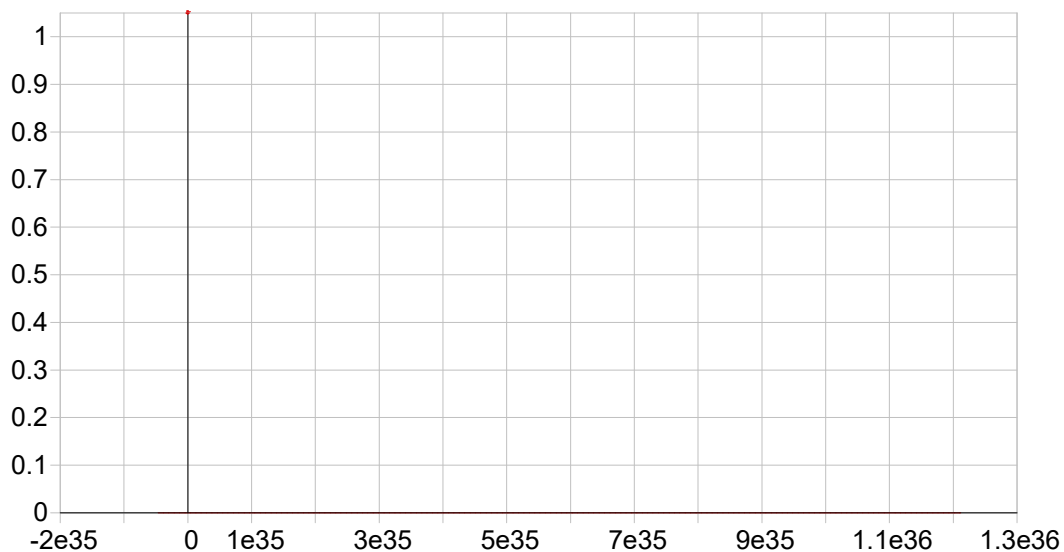




Y 224.306 {150}*

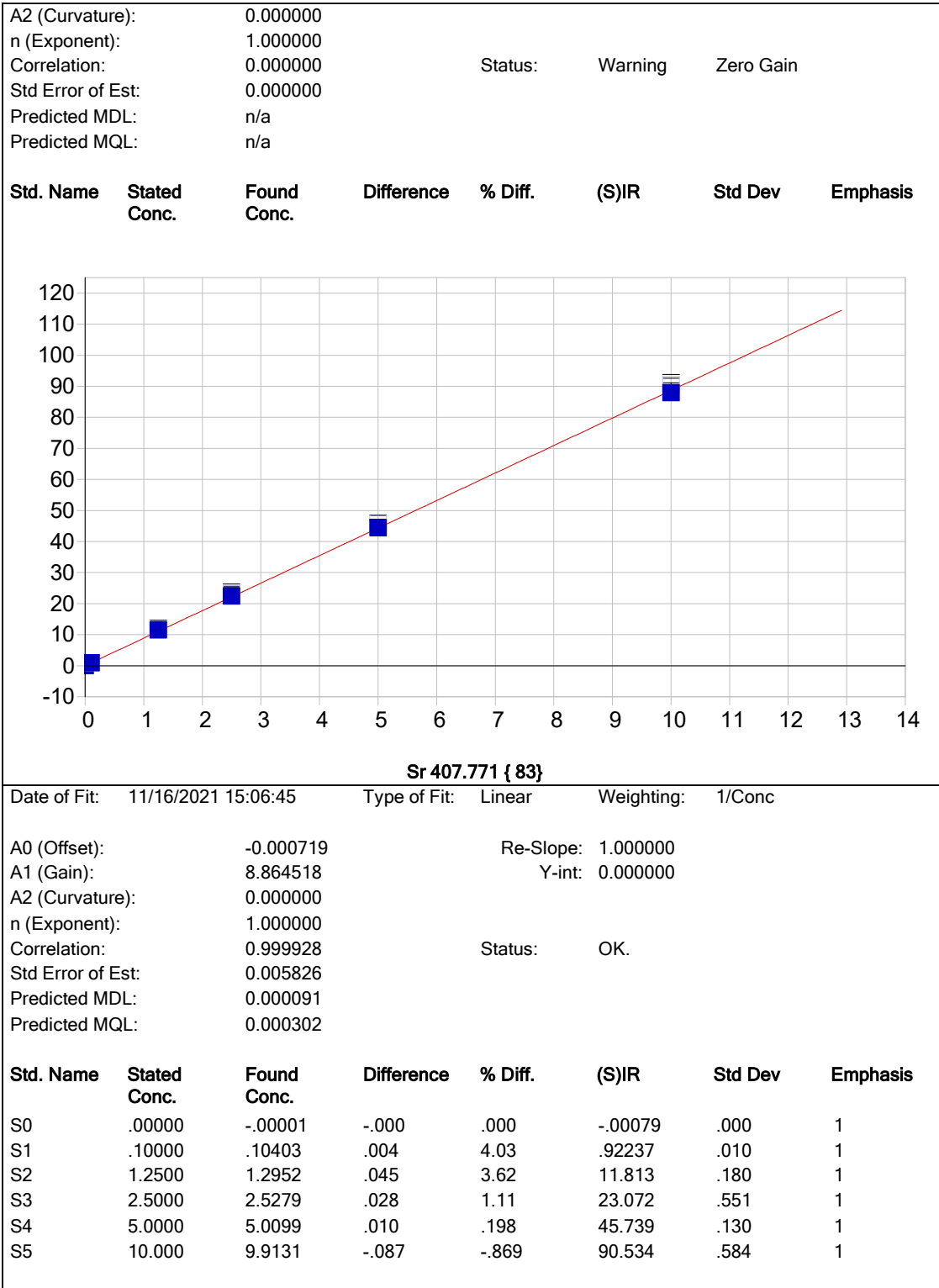
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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: 11/16/2021 14:12:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	-.00088	-.00069	-.00070	.00104	.00039	-.00170	-.00611	-.00130
Stddev	.00021	.00010	.00012	.00018	.00014	.00015	.00032	.00016
%RSD	23.684	14.467	17.455	17.490	36.250	8.6817	5.1744	12.005

#1	-.00083	-.00058	-.00059	.00083	.00023	-.00168	-.00647	-.00148
#2	-.00111	-.00077	-.00083	.00112	.00050	-.00156	-.00602	-.00118
#3	-.00070	-.00071	-.00066	.00117	.00045	-.00185	-.00586	-.00124

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	.00113	.00142	-.00009	-.00027	.00187	.00044	-.00010	-.00024
Stddev	.00000	.00023	.00005	.00024	.00030	.00011	.00024	.00028
%RSD	.10794	15.977	52.318	86.587	16.078	26.156	240.10	118.24

#1	.00113	.00130	-.00004	-.00045	.00211	.00054	-.00037	-.00056
#2	.00113	.00168	-.00008	-.00001	.00153	.00045	-.00001	-.00009
#3	.00113	.00127	-.00014	-.00036	.00198	.00032	.00008	-.00006

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	-.00225	-.00080	-.00211	-.00020	-.00066	.01846	-.00101	.00093
Stddev	.00032	.00012	.00093	.00021	.00031	.00098	.00016	.00029
%RSD	14.294	15.022	44.344	103.86	47.285	5.2868	15.361	31.609

#1	-.00228	-.00093	-.00119	-.00044	-.00049	.01799	-.00119	.00112
#2	-.00192	-.00079	-.00306	-.00004	-.00102	.01781	-.00094	.00108
#3	-.00256	-.00069	-.00208	-.00013	-.00048	.01958	-.00091	.00059

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	.00037	.00036	.00233	.00014	.00078	.00014	-.00079	
Stddev	.00041	.00013	.00026	.00012	.00035	.00167	.00045	
%RSD	112.21	34.794	11.359	85.200	44.548	1161.8	56.397	

#1	.00011	.00030	.00261	.00001	.00056	.00186	-.00060	
#2	.00015	.00027	.00209	.00016	.00118	.00004	-.00047	
#3	.00084	.00050	.00227	.00025	.00060	-.00147	-.00130	

Sample Name: S0 Acquired: 11/16/2021 14:12:16 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	976.39	40055.	6502.0	1050.0	1709.1
Stddev	.31	79.	64.8	6.1	.7
%RSD	.03223	.19686	.99700	.58556	.03838
#1	976.05	40133.	6480.3	1055.8	1709.6
#2	976.66	39975.	6574.9	1043.6	1708.3
#3	976.47	40057.	6450.8	1050.5	1709.4

Sample Name: S1 Acquired: 11/16/2021 14:16:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	-.00034	.00025	.00066	.00341	.01151	.01655	.67163	.01583
Stddev	.00040	.00017	.00040	.00034	.00015	.00086	.01293	.00026
%RSD	117.85	66.363	60.407	10.091	1.2755	5.1902	1.9254	1.6160
#1	-.00066	.00012	.00061	.00304	.01167	.01727	.68522	.01604
#2	.00011	.00044	.00108	.00347	.01139	.01679	.65947	.01554
#3	-.00048	.00020	.00029	.00372	.01146	.01560	.67019	.01590
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	.01417	.20048	.00119	.03812	.00502	.00300	.00491	.04681
Stddev	.00043	.00165	.00010	.00022	.00024	.00010	.00025	.00063
%RSD	3.0072	.82052	8.1171	.56639	4.8512	3.3465	5.0287	1.3496
#1	.01466	.20223	.00119	.03804	.00512	.00311	.00508	.04749
#2	.01389	.19897	.00128	.03836	.00519	.00295	.00463	.04669
#3	.01397	.20024	.00109	.03795	.00474	.00293	.00502	.04625
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	.02291	.00126	.02537	.00506	.00851	.09708	-.00063	.00324
Stddev	.00005	.00015	.00029	.00041	.00043	.00117	.00018	.00008
%RSD	.19676	11.608	1.1435	8.1522	5.0475	1.2095	28.484	2.3964
#1	.02286	.00109	.02511	.00531	.00900	.09793	-.00082	.00329
#2	.02294	.00130	.02568	.00458	.00829	.09574	-.00046	.00315
#3	.02293	.00138	.02530	.00527	.00823	.09757	-.00061	.00328
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	.00822	.00224	.02495	.00070	.03356	.01038	.92237	
Stddev	.00033	.00017	.00017	.00010	.00090	.00155	.01008	
%RSD	4.0236	7.4023	.66986	14.681	2.6898	14.920	1.0928	
#1	.00793	.00209	.02513	.00063	.03451	.01216	.93248	
#2	.00858	.00222	.02481	.00065	.03272	.00946	.91232	
#3	.00815	.00242	.02491	.00082	.03346	.00950	.92233	

Sample Name: S1 Acquired: 11/16/2021 14:16:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	972.26	40149.	6553.6	1054.0	1714.5
Stddev	.67	131.	91.9	8.3	1.0
%RSD	.06855	.32619	1.4022	.78914	.05870
#1	971.51	40033.	6464.7	1052.0	1715.5
#2	972.79	40124.	6648.2	1046.9	1714.7
#3	972.47	40291.	6547.7	1063.1	1713.5

Sample Name: S2 Acquired: 11/16/2021 14:20:32 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	.04175	.05091	.96857	.09223	.24007	3.5329	8.8670	.44065
Stddev	.00013	.00012	.00188	.00029	.00130	.0538	.1423	.00530
%RSD	.30032	.24297	.19376	.31191	.54140	1.5237	1.6045	1.2017

#1	.04180	.05104	.96905	.09245	.23887	3.4924	8.7534	.43641
#2	.04161	.05079	.96650	.09191	.24145	3.5124	8.8212	.43896
#3	.04184	.05091	.97016	.09233	.23989	3.5940	9.0266	.44659

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	1.6410	2.6307	.49319	.49397	.52538	1.0266	1.2826	.61721
Stddev	.0017	.0421	.00355	.00125	.00757	.0176	.0195	.01005
%RSD	.10368	1.5999	.71881	.25359	1.4403	1.7170	1.5212	1.6280

#1	1.6406	2.6003	.48910	.49388	.52157	1.0135	1.2672	.61035
#2	1.6395	2.6130	.49509	.49276	.52047	1.0198	1.2760	.61253
#3	1.6428	2.6787	.49539	.49526	.53409	1.0467	1.3045	.62874

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	.39602	.06304	.22858	.06557	.61561	.64644	.12045	.31510
Stddev	.00163	.00044	.00366	.00080	.00654	.01108	.00026	.00482
%RSD	.41177	.70555	1.5997	1.2220	1.0616	1.7138	.21514	1.5312

#1	.39772	.06253	.22573	.06494	.60884	.64021	.12016	.31114
#2	.39446	.06336	.22730	.06530	.61610	.63988	.12053	.31368
#3	.39590	.06323	.23270	.06647	.62188	.65923	.12066	.32047

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	.98967	.06404	.30635	.10677	.42102	1.0124	11.813
Stddev	.00142	.00020	.00429	.00036	.00745	.0170	.180
%RSD	.14377	.31805	1.3992	.33326	1.7694	1.6745	1.5197

#1	.98823	.06388	.30191	.10703	.41584	1.0015	11.709
#2	.98971	.06427	.30668	.10637	.41765	1.0038	11.709
#3	.99108	.06397	.31046	.10692	.42955	1.0319	12.020

Sample Name: S2 Acquired: 11/16/2021 14:20:32 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	937.85	39386.	6467.8	1024.2	1625.8
Stddev	1.75	237.	81.5	6.1	4.1
%RSD	.18653	.60116	1.2604	.59282	.25328
#1	935.83	39660.	6530.1	1030.9	1621.5
#2	938.81	39256.	6497.9	1022.6	1629.7
#3	938.90	39243.	6375.6	1019.0	1626.2

Sample Name: S3 Acquired: 11/16/2021 14:24:27 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	.08410	.10153	1.9306	.18081	.47405	6.8950	17.125	.84884
Stddev	.00012	.00022	.0018	.00051	.00203	.1618	.391	.01789
%RSD	.14103	.21890	.09541	.28472	.42741	2.3471	2.2824	2.1073

#1	.08400	.10157	1.9293	.18141	.47185	6.7588	16.758	.83405
#2	.08407	.10129	1.9298	.18052	.47585	7.0739	17.536	.86872
#3	.08423	.10174	1.9327	.18052	.47443	6.8525	17.081	.84375

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	3.2322	5.0383	.96192	.98428	1.0132	1.9593	2.4569	1.1954
Stddev	.0066	.1150	.00248	.00248	.0242	.0457	.0527	.0261
%RSD	.20583	2.2822	.25773	.25215	2.3927	2.3308	2.1430	2.1854

#1	3.2338	4.9328	.96448	.98523	.99156	1.9169	2.4063	1.1697
#2	3.2248	5.1609	.95953	.98146	1.0394	2.0077	2.5114	1.2219
#3	3.2378	5.0214	.96177	.98614	1.0085	1.9533	2.4531	1.1947

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	.78917	.12756	.44276	.12688	1.2519	1.2517	.42186	.61906
Stddev	.00240	.00024	.01287	.00369	.0007	.0268	.00109	.01131
%RSD	.30402	.18617	2.9068	2.9078	.05926	2.1442	.25916	1.8273

#1	.78884	.12770	.43196	.12340	1.2511	1.2279	.42169	.60872
#2	.78696	.12728	.45700	.13075	1.2526	1.2808	.42085	.63114
#3	.79172	.12768	.43932	.12650	1.2520	1.2465	.42302	.61731

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	1.9711	.22289	.58595	.21402	.81443	1.9641	23.072
Stddev	.0022	.00060	.01266	.00087	.01971	.0452	.551
%RSD	.10898	.26919	2.1611	.40520	2.4202	2.3009	2.3902

#1	1.9687	.22357	.57443	.21305	.79859	1.9213	22.594
#2	1.9730	.22262	.59951	.21472	.83650	2.0114	23.675
#3	1.9715	.22247	.58390	.21431	.80819	1.9596	22.948

Sample Name: S3 Acquired: 11/16/2021 14:24:27 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	903.67	38817.	6513.9	992.78	1553.8
Stddev	.84	115.	131.9	2.06	1.4
%RSD	.09269	.29564	2.0254	.20768	.08908
#1	904.54	38853.	6640.6	992.39	1553.4
#2	902.87	38910.	6377.3	995.01	1555.4
#3	903.60	38689.	6523.9	990.94	1552.7

Sample Name: S4 Acquired: 11/16/2021 14:28:21 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	.16956	.19714	3.8006	.35135	.93953	13.906	34.290	1.6503
Stddev	.00036	.00109	.0037	.00135	.00531	.023	.046	.0044
%RSD	.21258	.55123	.09748	.38399	.56563	.16303	.13271	.26652

#1	.16958	.19662	3.7971	.35269	.93638	13.893	34.269	1.6457
#2	.16991	.19641	3.8003	.34999	.94566	13.932	34.343	1.6544
#3	.16919	.19839	3.8045	.35138	.93654	13.894	34.259	1.6509

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	6.3031	9.9152	1.8409	1.9547	1.9879	3.8167	4.8500	2.3984
Stddev	.0116	.0249	.0066	.0038	.0030	.0077	.0092	.0061
%RSD	.18417	.25066	.35813	.19278	.15283	.20177	.18860	.25613

#1	6.2904	9.8979	1.8420	1.9512	1.9898	3.8119	4.8437	2.3935
#2	6.3058	9.9437	1.8339	1.9542	1.9895	3.8256	4.8605	2.4053
#3	6.3132	9.9040	1.8469	1.9587	1.9844	3.8127	4.8457	2.3965

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	1.5554	.25446	.88412	.25041	2.5525	2.4781	1.2986	1.2171
Stddev	.0054	.00034	.00064	.00102	.0063	.0060	.0047	.0035
%RSD	.34478	.13227	.07187	.40861	.24658	.24366	.36373	.28640

#1	1.5492	.25453	.88425	.24927	2.5593	2.4826	1.2964	1.2131
#2	1.5580	.25410	.88468	.25073	2.5513	2.4804	1.2953	1.2186
#3	1.5589	.25476	.88343	.25124	2.5469	2.4712	1.3040	1.2196

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	3.9440	.70024	1.1396	.42699	1.6026	3.9358	45.739
Stddev	.0003	.00118	.0036	.00044	.0032	.0084	.130
%RSD	.00767	.16856	.31393	.10367	.19767	.21336	.28413

#1	3.9442	.69931	1.1356	.42750	1.6027	3.9302	45.819
#2	3.9437	.69984	1.1423	.42668	1.6057	3.9455	45.810
#3	3.9442	.70157	1.1410	.42679	1.5994	3.9318	45.589

Sample Name: S4 Acquired: 11/16/2021 14:28:21 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	851.82	37784.	6355.7	944.24	1459.4
Stddev	.97	199.	9.5	2.43	3.6
%RSD	.11423	.52561	.14979	.25786	.24544
#1	850.99	37666.	6365.6	941.69	1459.2
#2	852.89	38013.	6354.9	946.55	1463.1
#3	851.59	37673.	6346.6	944.49	1456.0

Sample Name: S5 Acquired: 11/16/2021 14:32:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	.35323	.37986	7.5367	.70368	1.9266	28.458	67.534	3.2119
Stddev	.00149	.00098	.0127	.00215	.0094	.031	.932	.0188
%RSD	.42043	.25913	.16833	.30496	.48966	.10987	1.3806	.58437

#1	.35180	.37902	7.5498	.70206	1.9194	28.422	68.275	3.2079
#2	.35313	.38094	7.5358	.70286	1.9231	28.474	66.487	3.2324
#3	.35476	.37961	7.5245	.70611	1.9373	28.479	67.841	3.1955

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	12.348	19.484	3.5731	3.9062	3.9418	7.3910	9.5997	4.8024
Stddev	.020	.059	.0074	.0045	.0050	.0237	.0343	.0222
%RSD	.15968	.30306	.20647	.11411	.12711	.32043	.35780	.46158

#1	12.370	19.432	3.5663	3.9051	3.9365	7.3705	9.5835	4.7822
#2	12.341	19.548	3.5720	3.9023	3.9464	7.4169	9.6392	4.8261
#3	12.332	19.472	3.5809	3.9111	3.9426	7.3856	9.5765	4.7988

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	3.0920	.52459	1.7719	.49452	5.3524	4.9672	3.7762	2.3838
Stddev	.0019	.00096	.0006	.00067	.0092	.0042	.0081	.0078
%RSD	.06028	.18312	.03297	.13567	.17233	.08395	.21457	.32879

#1	3.0941	.52567	1.7719	.49419	5.3530	4.9636	3.7796	2.3828
#2	3.0915	.52382	1.7713	.49408	5.3429	4.9718	3.7821	2.3921
#3	3.0905	.52429	1.7725	.49529	5.3613	4.9663	3.7670	2.3765

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	8.1578	2.1637	2.2419	.85373	3.1686	8.0007	90.534
Stddev	.0215	.0053	.0084	.00218	.0074	.0075	.584
%RSD	.26352	.24633	.37579	.25477	.23428	.09353	.64529

#1	8.1394	2.1646	2.2361	.85252	3.1605	7.9946	91.183
#2	8.1525	2.1685	2.2516	.85624	3.1703	8.0091	90.366
#3	8.1814	2.1579	2.2381	.85242	3.1751	7.9985	90.052

Sample Name: S5 Acquired: 11/16/2021 14:32:20 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	768.51	36444.	6253.4	883.37	1346.3
Stddev	1.91	55.	22.5	1.30	2.1
%RSD	.24798	.15143	.36038	.14717	.15599
#1	769.39	36424.	6258.7	884.76	1344.1
#2	769.82	36507.	6228.7	882.18	1346.7
#3	766.32	36402.	6272.9	883.19	1348.2

Sample Name: S6 Acquired: 11/16/2021 14:36:25 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) 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	76.564	32.852	20.200	8.1571	5.0335
Stddev	.285	.156	.108	.0492	.0130
%RSD	.37245	.47594	.53444	.60358	.25726

#1	76.235	32.856	20.232	8.1694	5.0342
#2	76.717	33.007	20.288	8.1990	5.0461
#3	76.741	32.694	20.079	8.1029	5.0202

Int. Std.	Y_3710
Units	Cts/S
Avg	6166.9
Stddev	34.9
%RSD	.56627

#1	6139.9
#2	6154.4
#3	6206.3

Sample Name: ICV001 Acquired: 11/16/2021 14:40:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0339688	.0407584	.1528442	.0760067	.1891039	.2264726	1.834173
Stddev	.0004924	.0003136	.0002578	.0002260	.0010159	.0009562	.003760
%RSD	1.449565	.7694257	.1686498	.2972832	.5371989	.4222201	.2050123
#1	.0338671	.0411201	.1531159	.0762195	.1879975	.2272908	1.834790
#2	.0345042	.0405626	.1528137	.0760310	.1893197	.2254214	1.837587
#3	.0335353	.0405925	.1526030	.0757696	.1899945	.2267056	1.830143
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.794886	1.339423	.4175713	.0672038	.4006273	.0711027	.2739696
Stddev	.004671	.001042	.0003875	.0002313	.0007435	.0002538	.0009144
%RSD	.2602362	.0777679	.0928033	.3441036	.1855763	.3569408	.3337706
#1	1.794620	1.339164	.4179331	.0671270	.4014266	.0713522	.2740907
#2	1.799685	1.338536	.4176184	.0674637	.4004989	.0711111	.2748174
#3	1.790354	1.340570	.4171624	.0670207	.3999564	.0708448	.2730006
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1699125	.0559368	.3282559	.0501253	.0572947	.0547058	.1584643
Stddev	.0006603	.0000436	.0011257	.0001045	.0005115	.0001488	.0012247
%RSD	.3886051	.0778478	.3429345	.2083884	.8928012	.2720562	.7728586
#1	.1705922	.0559867	.3277174	.0500364	.0573499	.0545794	.1572714
#2	.1698719	.0559168	.3275006	.0502403	.0567578	.0546681	.1584030
#3	.1692735	.0559068	.3295497	.0500991	.0577764	.0548698	.1597185
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1765640	-.001156	.0020000	.0003491	.0004102	.0044358	.0001507
Stddev	.0010118	.000130	.0004279	.0002685	.0002471	.0001455	.0002497
%RSD	.5730788	11.23821	21.39590	76.91948	60.22193	3.280076	165.7178
#1	.1754705	-.001294	.0023672	.0002762	.0005608	.0044884	.0003132
#2	.1774671	-.001036	.0021029	.0001246	.0001251	.0045476	-.000137
#3	.1767546	-.001138	.0015301	.0006466	.0005448	.0042713	.000276

Sample Name: ICV001 Acquired: 11/16/2021 14:40:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0001862	.0022632	.0108824
Stddev	.0002098	.0005130	.0006213
%RSD	112.6793	22.66733	5.709223

#1	-.000019	.0023578	.0111324
#2	.000178	.0017095	.0113397
#3	.000400	.0027223	.0101750

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.1653	39879.38	6554.502	1044.783	1704.022
Stddev	1.0776	23.17	4.240	4.421	1.339
%RSD	.1117701	.0581003	.0646837	.4231611	.0785890

#1	965.3454	39899.55	6551.788	1045.045	1702.480
#2	963.2335	39884.50	6559.387	1049.067	1704.899
#3	963.9169	39854.07	6552.330	1040.237	1704.685

Sample Name: ICB001 Acquired: 11/16/2021 14:44:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000538	-.000741	-.000596	.0009240	.0011675	-.001399	-.008854
Stddev	.000122	.000202	.000364	.0000414	.0002296	.001063	.000169
%RSD	22.65076	27.23764	61.01635	4.479084	19.66877	75.95916	1.903556
#1	-.000442	-.000573	-.000214	.0008994	.0011121	-.002391	-.009048
#2	-.000675	-.000686	-.000938	.0009718	.0014198	-.001528	-.008763
#3	-.000496	-.000965	-.000636	.0009009	.0009707	-.000278	-.008750
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.001173	.0012840	.0013231	.0000167	-.000440	.0015858	.0003641
Stddev	.000286	.0001644	.0003009	.0000232	.000097	.0004574	.0002493
%RSD	24.41093	12.79958	22.74278	138.5044	22.09082	28.84686	68.47575
#1	-.001126	.0014144	.0014673	-.000010	-.000505	.0020456	.0006488
#2	-.000913	.0010994	.0009772	.000029	-.000328	.0015811	.0001849
#3	-.001480	.0013383	.0015247	.000031	-.000487	.0011307	.0002586
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000239	-.000350	-.002237	-.000798	-.002698	-.000213	-.000937
Stddev	.0000928	.000159	.000520	.000100	.000714	.000029	.000563
%RSD	389.2218	45.35386	23.26467	12.46716	26.46783	13.71485	60.09222
#1	.0001303	-.000254	-.002610	-.000705	-.003429	-.000246	-.001567
#2	-.000040	-.000533	-.002457	-.000903	-.002663	-.000191	-.000484
#3	-.000018	-.000263	-.001642	-.000787	-.002002	-.000202	-.000760
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0195754	-.001003	.0033549	.0001253	.0002336	.0025858	.0002466
Stddev	.0003134	.000187	.0003095	.0004683	.0001554	.0002417	.0000121
%RSD	1.601006	18.60377	9.225330	373.6391	66.52212	9.346530	4.901334
#1	.0193514	-.000934	.0034134	.0005664	.0001897	.0023092	.0002339
#2	.0199336	-.001214	.0036309	.0001757	.0001049	.0027563	.0002479
#3	.0194413	-.000861	.0030203	-.000366	.0004062	.0026918	.0002580

Sample Name: ICB001 Acquired: 11/16/2021 14:44:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0009320	.0021444	-.000255
Stddev	.0001288	.0003465	.000636
%RSD	13.82171	16.15740	249.6722

#1	.0008508	.0021469	-.000930
#2	.0010806	.0024896	.000333
#3	.0008648	.0017967	-.000167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.6531	39853.72	6540.820	1051.482	1694.069
Stddev	1.2872	110.14	35.240	3.600	1.574
%RSD	.1333002	.2763651	.5387662	.3423988	.0929095

#1	964.9701	39962.95	6503.910	1052.920	1695.668
#2	967.1378	39855.53	6544.440	1047.386	1694.019
#3	964.8512	39742.69	6574.110	1054.142	1692.521

Sample Name: ICSA001 Acquired: 11/16/2021 14:49:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000708	-.000727	-.003323	-.001198	.0013902	22.85817	.0140648
Stddev	.000127	.000191	.000198	.000480	.0003645	.03211	.0018026
%RSD	18.00557	26.29601	5.951315	40.02611	26.21689	.1404803	12.81616
#1	-.000562	-.000533	-.003098	-.000734	.0013353	22.84427	.0125258
#2	-.000763	-.000731	-.003469	-.001692	.0010563	22.89489	.0136206
#3	-.000799	-.000915	-.003403	-.001169	.0017790	22.83535	.0160479
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0019110	.0098691	9.972041	.0071634	-.000681	.0001187	2.575309
Stddev	.0005037	.0006601	.040076	.0000399	.000189	.0000667	.006042
%RSD	26.35798	6.688234	.4018814	.5568619	27.69742	56.15857	.2346306
#1	.0024906	.0095806	9.963636	.0071641	-.000465	.0000534	2.575664
#2	.0016633	.0106243	10.01565	.0072030	-.000766	.0001867	2.581167
#3	.0015791	.0094024	9.93683	.0071232	-.000813	.0001161	2.569097
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0036536	2.400952	-.001024	-.003697	-.003901	-.000265	.0016657
Stddev	.0002125	.009294	.000276	.000090	.001255	.000291	.0002899
%RSD	5.815809	.3871015	26.96192	2.440335	32.16418	109.5422	17.40459
#1	.0038280	2.394384	-.001302	-.003596	-.004332	-.000093	.0017726
#2	.0037158	2.411587	-.001021	-.003769	-.002488	-.000102	.0018870
#3	.0034169	2.396886	-.000750	-.003726	-.004883	-.000601	.0013375
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0159416	-.000657	-.021678	-.000060	.0002531	.0017232	-.000516
Stddev	.0013428	.000105	.000431	.000802	.0002085	.0002944	.000311
%RSD	8.423479	15.99328	1.988389	1333.735	82.38404	17.08415	60.36873
#1	.0153800	-.000681	-.021292	-.000444	.0000796	.0014292	-.000232
#2	.0174740	-.000748	-.021600	-.000598	.0004844	.0020180	-.000849
#3	.0149707	-.000542	-.022143	.000862	.0001952	.0017224	-.000467

Sample Name: ICSA001 Acquired: 11/16/2021 14:49:01 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0000922	.0027882	.9381266
Stddev	.0004479	.0016375	.0044097
%RSD	485.9887	58.73004	.4700566

#1	-.000402	.0027586	.9369984
#2	.000471	.0011657	.9429908
#3	.000207	.0044404	.9343906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.5403	37956.22	6411.034	979.7767	1508.752
Stddev	.7480	124.16	29.715	5.3746	2.128
%RSD	.0829688	.3271074	.4634947	.5485587	.1410144

#1	901.0769	37959.94	6422.308	978.7722	1507.853
#2	902.4032	38078.49	6377.333	985.5827	1511.181
#3	901.1409	37830.25	6433.463	974.9751	1507.220

Sample Name: ICSAB001 Acquired: 11/16/2021 14:53:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0028667	.0025699	.0043361	.0023505	.1115709	22.33114	1.763537
Stddev	.0004398	.0004886	.0003792	.0006054	.0012612	.02220	.005452
%RSD	15.34162	19.01101	8.746053	25.75549	1.130423	.0994259	.3091431
#1	.0027004	.0030705	.0045988	.0026209	.1130253	22.35659	1.768682
#2	.0025343	.0020944	.0039014	.0016571	.1107791	22.31571	1.764106
#3	.0033654	.0025447	.0045082	.0027736	.1109083	22.32113	1.757823
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.683892	2.504910	9.809464	.0681219	.3791605	.0641305	2.527071
Stddev	.006593	.005554	.039729	.0001148	.0011428	.0001175	.008441
%RSD	.3915213	.2217114	.4050059	.1684693	.3013987	.1831735	.3340280
#1	1.691458	2.503332	9.842776	.0682544	.3782228	.0641454	2.535482
#2	1.679381	2.500315	9.820122	.0680530	.3788253	.0640063	2.527130
#3	1.680836	2.511081	9.765493	.0680583	.3804334	.0642398	2.518600
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1596473	2.358043	.6184642	.0378708	-.003087	.0506505	.1565605
Stddev	.0005162	.009181	.0007214	.0002080	.000631	.0001424	.0008547
%RSD	.3233377	.3893336	.1166444	.5493138	20.44917	.2812371	.5458965
#1	.1591414	2.367577	.6177542	.0379138	-.003362	.0506365	.1563805
#2	.1601732	2.357290	.6184420	.0380540	-.003533	.0507995	.1574908
#3	.1596272	2.349262	.6191965	.0376446	-.002365	.0505156	.1558102
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0144893	-.000839	-.020570	-.000267	.0004697	.0025520	-.000302
Stddev	.0008145	.000383	.000384	.000755	.0000538	.0001973	.000326
%RSD	5.621154	45.57567	1.867831	282.8402	11.46254	7.732241	107.8742
#1	.0137463	-.001257	-.020349	-.001136	.0004089	.0027430	-.000364
#2	.0153601	-.000507	-.020348	.000225	.0005112	.0023489	-.000592
#3	.0143614	-.000754	-.021014	.000110	.0004891	.0025641	.000050

Sample Name: ICSAB001 Acquired: 11/16/2021 14:53:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000346	.0005096	.9166919
Stddev	.000232	.0011585	.0012700
%RSD	67.06752	227.3334	.1385370

#1	-.000372	-.000219	.9152569
#2	-.000102	.001845	.9176708
#3	-.000563	-.000097	.9171481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.3068	37965.69	6374.597	982.9283	1519.550
Stddev	2.1886	99.10	18.348	3.3337	1.301
%RSD	.2422895	.2610277	.2878343	.3391570	.0856246

#1	900.8579	37895.76	6353.458	985.6786	1518.902
#2	903.9905	37922.22	6383.936	979.2207	1518.701
#3	905.0719	38079.10	6386.396	983.8855	1521.048

Sample Name: CCV045 Acquired: 11/16/2021 14:57:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1695738	.1933348	3.823548	.3327700	.9656082	38.61166	35.67495
Stddev	.0010145	.0008354	.007554	.0004239	.0035535	.37164	.36886
%RSD	.5982726	.4320868	.1975651	.1273863	.3680046	.9625092	1.033951
#1	.1700451	.1932291	3.825178	.3327714	.9642562	38.24579	35.30670
#2	.1702668	.1925573	3.815313	.3323454	.9629292	38.98881	36.04442
#3	.1684093	.1942180	3.830154	.3331932	.9696392	38.60038	35.67374
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.670909	6.338431	16.42566	1.830213	1.979434	2.032177	10.40637
Stddev	.012908	.007075	.17815	.003457	.002541	.014655	.10825
%RSD	.7725090	.1116131	1.084586	.1888601	.1283911	.7211345	1.040182
#1	1.657194	6.332704	16.23489	1.830530	1.978480	2.019107	10.28943
#2	1.682820	6.336250	16.58770	1.826609	1.977507	2.048020	10.50306
#3	1.672711	6.346340	16.45440	1.833501	1.982314	2.029403	10.42662
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.891219	4.019045	1.578134	.2596915	2.485783	.2539771	2.609292
Stddev	.051410	.044046	.003378	.0002847	.023272	.0029503	.027020
%RSD	1.051071	1.095922	.2140812	.1096378	.9361836	1.161655	1.035513
#1	4.836876	3.973678	1.580532	.2596794	2.462463	.2512463	2.579762
#2	4.939082	4.061638	1.574270	.2594130	2.509006	.2571065	2.615338
#3	4.897698	4.021819	1.579599	.2599821	2.485881	.2535785	2.632776
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.582231	1.282511	1.167779	3.973402	.7655380	1.154960	.4349373
Stddev	.018461	.003505	.012228	.009289	.0028142	.009827	.0016302
%RSD	.7149129	.2733256	1.047118	.2337710	.3676119	.8508304	.3748058
#1	2.562736	1.280298	1.155795	3.971261	.7643413	1.145234	.4355062
#2	2.599445	1.280683	1.180237	3.965370	.7635198	1.164884	.4330989
#3	2.584513	1.286553	1.167304	3.983574	.7687527	1.154763	.4362068

Sample Name: CCV045 Acquired: 11/16/2021 14:57:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	1.628754	4.130384	46.13237
Stddev	.013510	.041015	.57799
%RSD	.8294391	.9930040	1.252889

#1	1.613460	4.084029	46.01586
#2	1.639061	4.161963	46.75973
#3	1.633740	4.145161	45.62150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	813.7522	36596.38	6220.400	906.9009	1362.785
Stddev	.6309	50.59	63.633	6.6542	1.262
%RSD	.0775237	.1382412	1.022967	.7337269	.0925806

#1	814.4740	36654.68	6282.266	914.4986	1362.948
#2	813.4763	36570.48	6155.137	902.1099	1363.958
#3	813.3062	36563.99	6223.798	904.0942	1361.451

Sample Name: CCB045 Acquired: 11/16/2021 15:01:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000571	-.000907	-.000705	.0009027	.0006848	-.001990	-.008315
Stddev	.000276	.000141	.000145	.0002366	.0002346	.000177	.000493
%RSD	48.39029	15.59716	20.57656	26.21318	34.26000	8.906404	5.923582
#1	-.000835	-.001055	-.000872	.0011477	.0007964	-.001885	-.008357
#2	-.000596	-.000774	-.000616	.0008851	.0008428	-.001889	-.007802
#3	-.000283	-.000891	-.000626	.0006754	.0004152	-.002194	-.008785
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.001150	.0011219	.0020233	-.000037	-.000022	.0015452	.0003387
Stddev	.000242	.0002517	.0003963	.000041	.000129	.0005491	.0001283
%RSD	21.04026	22.43509	19.58759	110.9352	590.5946	35.53680	37.88841
#1	-.000909	.0009563	.0016576	-.000032	.000059	.0010018	.0004430
#2	-.001148	.0009978	.0024444	.000001	-.000171	.0020998	.0003779
#3	-.001393	.0014115	.0019679	-.000079	.000046	.0015339	.0001954
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000044	-.000226	-.002313	-.000752	-.004614	-.000341	-.000417
Stddev	.000107	.000309	.000373	.000064	.000503	.000328	.000576
%RSD	245.4489	136.4752	16.14496	8.478129	10.89588	96.28152	138.2164
#1	-.000045	-.000400	-.001925	-.000751	-.004175	-.000307	-.000315
#2	.000064	-.000409	-.002344	-.000817	-.005163	-.000684	.000102
#3	-.000150	.000130	-.002669	-.000689	-.004505	-.000031	-.001037
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0190913	-.001140	.0043514	.0004553	.0001779	.0023345	.0003112
Stddev	.0007365	.000100	.0004873	.0005215	.0001889	.0003756	.0000866
%RSD	3.857786	8.805183	11.19833	114.5498	106.1748	16.08883	27.83733
#1	.0189710	-.001027	.0046911	.0009286	.0001833	.0022054	.0003833
#2	.0198806	-.001172	.0045701	.0005410	.0003642	.0027576	.0002151
#3	.0184224	-.001220	.0037931	-.000104	-.000014	.0020405	.0003351

Sample Name: CCB045 Acquired: 11/16/2021 15:01:04 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0011210	.0011237	-.000423
Stddev	.0002089	.0007238	.000480
%RSD	18.63197	64.41493	113.5312

#1	.0008838	.0004409	-.000130
#2	.0012019	.0010476	-.000977
#3	.0012773	.0018825	-.000161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	960.8298	39640.18	6467.893	1044.877	1688.756
Stddev	2.4588	87.50	49.594	10.484	1.921
%RSD	.2559005	.2207455	.7667753	1.003381	.1137610

#1	958.2958	39546.44	6524.210	1036.102	1686.786
#2	960.9880	39719.71	6430.740	1056.487	1688.858
#3	963.2057	39654.39	6448.730	1042.041	1690.625

Sample Name: PB140775BL Acquired: 11/16/2021 15:09:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS775 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022563	-.003370	-.000390	-.006029	.0022306	.0109237	-.000461
Stddev	.0069883	.002198	.000293	.001996	.0035921	.0065545	.000473
%RSD	309.7191	65.22251	75.01317	33.11094	161.0421	60.00207	102.7534

#1	.0095034	-.005476	-.000057	-.006660	.0012953	.0062244	-.000761
#2	-.004441	-.001091	-.000608	-.003793	-.000801	.0081355	-.000707
#3	.001706	-.003542	-.000506	-.007633	.006198	.0184113	.000085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.000004	-.004168	.0003224	-.000116	-.002479	-.004115
Stddev	.000000	.000135	.009791	.0005926	.000441	.002324	.008850
%RSD	.3097537	3019.174	234.8932	183.8151	379.3899	93.75110	215.0684

#1	-.000058	-.000158	.004120	-.000315	-.000303	-.002148	-.013859
#2	-.000058	.000047	-.001654	.000426	.000387	-.004950	.003425
#3	-.000058	.000098	-.014972	.000857	-.000433	-.000338	-.001912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	.0005090	.0007884	.0006084	-.518245	.0001444	-.000287
Stddev	.000241	.0087626	.0004029	.0000930	.120916	.0010274	.000818
%RSD	141.8352	1721.629	51.10635	15.28421	23.33174	711.6592	285.3444

#1	-.000106	.0100828	.0010626	.0007085	-.647669	-.001041	.000316
#2	.000033	-.001443	.0003258	.0005918	-.498893	.000777	.000042
#3	-.000436	-.007113	.0009769	.0005248	-.408172	.000697	-.001218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244963	.0048034	.0044504	-.000065	3.832675	-.000434	-.001758
Stddev	.0670700	.0024399	.0012856	.000184	.009055	.000225	.002602
%RSD	273.7963	50.79431	28.88797	281.3843	.2362573	51.77631	148.0551

#1	.0553130	.0043519	.0029845	.000007	3.827898	-.000511	-.004293
#2	.0706196	.0026209	.0053861	-.000275	3.827008	-.000181	-.001887
#3	-.052444	.0074375	.0049808	.000071	3.843118	-.000611	.000907

Sample Name: PB140775BL Acquired: 11/16/2021 15:09:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS775 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003106	.0014163	.0000534
Stddev	.0009618	.0015868	.0000199
%RSD	309.6992	112.0398	37.32878

#1	.0014150	.0031535	.0000649
#2	-.000140	.0000433	.0000648
#3	-.000343	.0010520	.0000304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	957.5734	39541.03	6474.660	1037.393	1684.157
Stddev	1.0827	182.88	24.056	2.629	2.068
%RSD	.1130626	.4625133	.3715442	.2534276	.1228157

#1	956.3438	39395.63	6485.910	1038.270	1682.083
#2	957.9926	39746.36	6491.030	1039.471	1684.166
#3	958.3838	39481.10	6447.040	1034.437	1686.220

Sample Name: PB140775BS Acquired: 11/16/2021 15:13:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS775 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158149	.0461589	.0191844	.0705749	.1220886	.3849746
Stddev	.0018147	.0026014	.0018876	.0022972	.0028608	.0090881
%RSD	11.47441	5.635640	9.839441	3.255005	2.343221	2.360695

#1	.0177058	.0439978	.0208776	.0722357	.1188225	.3928889
#2	.0156512	.0490461	.0171491	.0715358	.1241505	.3750496
#3	.0140876	.0454327	.0195266	.0679533	.1232927	.3869854

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4081304	.0102662	.0103496	9.968881	.0216544	.0963179
Stddev	.0007491	.0001670	.0000931	.026316	.0008305	.0011301
%RSD	.1835318	1.626630	.8991287	.2639786	3.835505	1.173318

#1	.4072932	.0104553	.0104074	9.944853	.0219028	.0958103
#2	.4083608	.0102045	.0102423	9.964784	.0223324	.0955306
#3	.4087372	.0101388	.0103992	9.997004	.0207279	.0976128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517072	.1925623	.0311371	9.585025	.0808658	.0192085
Stddev	.0003472	.0035387	.0006247	.050132	.0008020	.0007093
%RSD	.6714852	1.837716	2.006415	.5230240	.9917874	3.692822

#1	.0521080	.1895933	.0316403	9.601976	.0799751	.0184102
#2	.0515161	.1964781	.0313333	9.624484	.0815308	.0197665
#3	.0514976	.1916154	.0304379	9.528615	.0810914	.0194488

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.314095	.1056982	.1051452	9.667041	F .0303964	F .0250708
Stddev	.219567	.0046233	.0079031	.038841	.0039093	.0011480
%RSD	2.357359	4.374099	7.516371	.4017886	12.86118	4.579046

#1	9.073999	.1087859	.0969959	9.679265	.0272238	.0258098
#2	9.504676	.1003828	.1127766	9.698300	.0292018	.0256545
#3	9.363612	.1079259	.1056631	9.623559	.0347637	.0237483

Sample Name: PB140775BS Acquired: 11/16/2021 15:13:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS775 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0200256	F 4.568796	.2018406	.0115889	.2055210	.0300193
Stddev	.0007447	.034874	.0008449	.0022301	.0024626	.0009013
%RSD	3.718735	.7633108	.4186069	19.24351	1.198216	3.002224

#1	.0193915	4.600823	.2018042	.0133707	.2029861	.0308111
#2	.0198398	4.531642	.2027032	.0090879	.2056728	.0290385
#3	.0208457	4.573921	.2010145	.0123082	.2079042	.0302083

Elem	Sr4077
Units	ppm
Avg	.2066495
Stddev	.0002687
%RSD	.1300084

#1	.2068103
#2	.2063393
#3	.2067988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	959.3457	39774.81	6504.026	1038.192	1695.474
Stddev	1.3290	80.24	14.947	8.947	.790
%RSD	.1385325	.2017314	.2298049	.8617640	.0465804

#1	960.7856	39785.73	6503.422	1045.371	1696.357
#2	958.1660	39849.03	6519.265	1041.036	1695.231
#3	959.0856	39689.67	6489.390	1028.169	1694.835

Sample Name: M4486-15 Acquired: 11/16/2021 15:17:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264286	-.009739	2.303578	-.004832	.0002754	51.14093
Stddev	.0084148	.001411	.008001	.001819	.0015270	.31529
%RSD	31.83977	14.48338	.3473222	37.65282	554.3874	.6165052

#1	.0342344	-.010423	2.312812	-.004268	-.000014	50.78287
#2	.0275367	-.008117	2.299222	-.003362	-.001086	51.37697
#3	.0175146	-.010677	2.298700	-.006867	.001926	51.26295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9410685	.0087895	.2676782	21.70102	.0734058	.0878515
Stddev	.0071439	.0000955	.0002817	.19845	.0002990	.0003211
%RSD	.7591258	1.086306	.1052460	.9144551	.4073222	.3654885

#1	.9331087	.0086830	.2678566	21.47190	.0733041	.0880031
#2	.9469237	.0088181	.2678246	21.81872	.0737424	.0880687
#3	.9431731	.0088674	.2673534	21.81243	.0731710	.0874826

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1757876	88.50632	4.110081	6.395187	.1996748	-.003541
Stddev	.0017741	.93662	.046440	.073362	.0013423	.000141
%RSD	1.009250	1.058254	1.129898	1.147151	.6722427	3.983878

#1	.1742978	87.43161	4.056481	6.311086	.1985316	-.003458
#2	.1753147	88.93870	4.135470	6.428444	.1993399	-.003704
#3	.1777503	89.14864	4.138290	6.446030	.2011528	-.003461

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4380967	.1462124	F 32.18807	3.304461	3.726776	-.029797
Stddev	.2104573	.0004995	.35594	.040846	.012592	.002128
%RSD	48.03901	.3416305	1.105810	1.236074	.3378701	7.142939

#1	.2170715	.1466001	32.10340	3.273111	3.718523	-.028130
#2	.6360917	.1456487	32.57871	3.289620	3.720537	-.029066
#3	.4611270	.1463884	31.88210	3.350652	3.741269	-.032194

Sample Name: M4486-15 Acquired: 11/16/2021 15:17:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016520	16.95506	5.782950	.0050305	.3510658	.0230456
Stddev	.0001695	.03253	.045697	.0011920	.0041926	.0009259
%RSD	10.26258	.1918350	.7901942	23.69503	1.194257	4.017769

#1	.0017875	16.98041	5.731823	.0040560	.3466107	.0221762
#2	.0014619	16.91839	5.797215	.0046760	.3549341	.0240192
#3	.0017066	16.96639	5.819813	.0063596	.3516526	.0229413

Elem	Sr4077
Units	ppm
Avg	-.032654
Stddev	.000733
%RSD	2.244825

#1	-.031809
#2	-.033122
#3	-.033030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.765	49711.43	8230.049	1291.062	1694.944
Stddev	.926	121.88	84.452	8.515	2.316
%RSD	.0780465	.2451655	1.026137	.6595622	.1366687

#1	1186.057	49616.34	8318.033	1296.959	1692.504
#2	1187.813	49669.13	8222.473	1281.300	1697.114
#3	1186.424	49848.82	8149.640	1294.928	1695.215

Sample Name: M4486-16 Acquired: 11/16/2021 15:21:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234285	-.006576	2.303933	-.006975	.0017436	51.17500
Stddev	.0003401	.007665	.008464	.002029	.0011011	.10634
%RSD	1.451714	116.5469	.3673586	29.08605	63.14797	.2078014

#1	.0231425	-.013972	2.295327	-.009286	.0024551	51.06298
#2	.0233385	-.007088	2.304227	-.005487	.0004754	51.18743
#3	.0238046	.001331	2.312247	-.006152	.0023004	51.27457

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9434046	.0088044	.2676717	21.69993	.0733956	.0874001
Stddev	.0018606	.0000866	.0001103	.12176	.0006225	.0007200
%RSD	.1972270	.9836538	.0411929	.5611064	.8481654	.8237870

#1	.9413480	.0087211	.2677594	21.56068	.0736953	.0866634
#2	.9449711	.0087980	.2675479	21.75271	.0726799	.0881021
#3	.9438948	.0088940	.2677079	21.78639	.0738116	.0874349

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1746730	88.44282	4.108120	6.397960	.2000767	-.003202
Stddev	.0011381	.53559	.024215	.013092	.0021191	.000197
%RSD	.6515691	.6055751	.5894350	.2046248	1.059132	6.154158

#1	.1755305	87.82477	4.080161	6.406338	.1982338	-.003097
#2	.1733818	88.73289	4.122377	6.382874	.1996040	-.003079
#3	.1751067	88.77081	4.121822	6.404669	.2023922	-.003429

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3400866	.1467831	F 32.17095	3.243683	3.722154	-.029827
Stddev	.1392762	.0002288	.13907	.055257	.011334	.001650
%RSD	40.95317	.1558497	.4322897	1.703533	.3045130	5.530689

#1	.4922532	.1469445	32.09504	3.179878	3.709456	-.028609
#2	.3090794	.1465213	32.33146	3.275664	3.725759	-.029168
#3	.2189271	.1468834	32.08635	3.275508	3.731248	-.031704

Sample Name: M4486-16 Acquired: 11/16/2021 15:21:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013424	17.01391	5.768915	.0049337	.3491191	.0226320
Stddev	.0004606	.00911	.012210	.0011772	.0034607	.0006897
%RSD	34.30747	.0535638	.2116578	23.86074	.9912591	3.047517

#1	.0010987	17.01447	5.759557	.0049818	.3475881	.0229460
#2	.0018736	17.00453	5.764461	.0060862	.3466879	.0218411
#3	.0010550	17.02273	5.782727	.0037332	.3530812	.0231088

Elem	Sr4077
Units	ppm
Avg	-.032204
Stddev	.000379
%RSD	1.177552

#1	-.031768
#2	-.032454
#3	-.032390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.128	49617.25	8228.603	1287.119	1689.803
Stddev	4.727	37.83	31.608	3.385	2.760
%RSD	.3992208	.0762536	.3841244	.2629868	.1633112

#1	1189.586	49635.69	8257.780	1286.252	1692.926
#2	1181.450	49573.74	8233.004	1284.252	1687.692
#3	1181.348	49642.34	8195.025	1290.853	1688.791

Sample Name: M4486-17 Acquired: 11/16/2021 15:25:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854374	.0758424	3.063662	.0631004	.0583626	59.44343
Stddev	.0032647	.0069468	.003308	.0026945	.0023461	.18263
%RSD	3.821162	9.159468	.1079646	4.270137	4.019933	.3072320

#1	.0891958	.0805878	3.067464	.0614900	.0597006	59.42212
#2	.0838111	.0678689	3.061451	.0616000	.0597338	59.63578
#3	.0833052	.0790704	3.062070	.0662110	.0556536	59.27240

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.584952	.0946995	.3727639	24.56679	.4447479	1.116883
Stddev	.026377	.0005033	.0009323	.11008	.0051208	.000920
%RSD	.5753057	.5314456	.2501107	.4480825	1.151389	.0823941

#1	4.590795	.0943059	.3731147	24.52731	.4456023	1.117936
#2	4.607919	.0945259	.3717071	24.69117	.4392537	1.116233
#3	4.556144	.0952665	.3734700	24.48190	.4493877	1.116481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6050442	91.10593	4.365684	7.748273	1.267223	.0694841
Stddev	.0016892	.27772	.025432	.082993	.003060	.0011732
%RSD	.2791886	.3048311	.5825423	1.071110	.2414488	1.688475

#1	.6032652	90.98362	4.358019	7.656689	1.264474	.0694365
#2	.6066263	91.42381	4.394067	7.769634	1.266675	.0683353
#3	.6052410	90.91036	4.344967	7.818498	1.270519	.0706803

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2979336	1.007717	F 35.26486	3.739981	3.865538	-.029221
Stddev	.0508789	.001818	.10245	.008157	.003046	.000969
%RSD	17.07727	.1803912	.2905297	.2181048	.0787945	3.316339

#1	.2920349	1.005629	35.31328	3.730988	3.868778	-.028618
#2	.2502611	1.008569	35.33412	3.742053	3.865104	-.030338
#3	.3515047	1.008952	35.14717	3.746903	3.862733	-.028706

Sample Name: M4486-17 Acquired: 11/16/2021 15:25:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016406	20.27629	6.354058	.0055084	.3969782	.0269341
Stddev	.0002854	.04440	.019903	.0007009	.0006074	.0007338
%RSD	17.39569	.2189876	.3132323	12.72425	.1530142	2.724421

#1	.0015110	20.24768	6.331102	.0053625	.3973882	.0263715
#2	.0014430	20.25374	6.364592	.0062708	.3972661	.0277641
#3	.0019678	20.32744	6.366479	.0048919	.3962804	.0266666

Elem	Sr4077
Units	ppm
Avg	-.029336
Stddev	.000376
%RSD	1.281289

#1	-.029219
#2	-.029757
#3	-.029033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.596	49646.66	8168.221	1285.050	1670.267
Stddev	1.861	297.15	29.657	6.493	1.524
%RSD	.1582746	.5985305	.3630734	.5052408	.0912468

#1	1173.473	49433.38	8189.123	1284.009	1669.037
#2	1176.942	49986.07	8134.278	1279.140	1671.972
#3	1176.374	49520.53	8181.261	1292.000	1669.792

Sample Name: M4486-15LX5 Acquired: 11/16/2021 15:29:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031082	-.002553	.4441655	-.004869	.0010030	11.62344	.2155914
Stddev	.0027582	.002902	.0019584	.005945	.0007950	.02985	.0009183
%RSD	88.73827	113.6661	.4409079	122.0977	79.26334	.2568357	.4259303

#1	.0060494	.000766	.4421597	-.004011	.0011097	11.58915	.2145615
#2	.0005794	-.003813	.4442641	.000600	.0001600	11.64358	.2163248
#3	.0026959	-.004611	.4460726	-.011197	.0017393	11.63760	.2158879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019131	.0522467	4.954796	.0164049	.0170096	.0382371	20.33984
Stddev	.0000753	.0001538	.021161	.0004531	.0002397	.0026960	.09882
%RSD	3.935800	.2943661	.4270892	2.761765	1.409426	7.050769	.4858386

#1	.0019248	.0523708	4.930456	.0165658	.0169124	.0374375	20.22778
#2	.0018326	.0522947	4.968833	.0167556	.0168338	.0360313	20.37723
#3	.0019818	.0520746	4.965098	.0158934	.0172827	.0412424	20.41450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9477346	1.446146	.0392642	-.000591	-.020828	.0348321	7.363435
Stddev	.0072874	.029957	.0002055	.000321	.281743	.0013986	.053999
%RSD	.7689295	2.071505	.5232381	54.38588	1352.703	4.015326	.7333438

#1	.9393241	1.444436	.0392606	-.000854	.105809	.0344327	7.310305
#2	.9521711	1.476921	.0390606	-.000687	.175375	.0363870	7.418263
#3	.9517087	1.417081	.0394714	-.000233	-.343668	.0336766	7.361736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7089906	.7405069	-.004608	.0001204	7.858592	1.311115	.0012847
Stddev	.0532451	.0064930	.001048	.0001665	.010293	.002803	.0015083
%RSD	7.509989	.8768335	22.74181	138.3445	.1309791	.2137516	117.4055

#1	.6852324	.7389068	-.004815	.0002980	7.847758	1.311130	.0010949
#2	.6717605	.7349636	-.005537	.0000954	7.868242	1.313910	-.000120
#3	.7699788	.7476504	-.003472	-.000032	7.859776	1.308304	.002879

Sample Name: M4486-15LX5 Acquired: 11/16/2021 15:29:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0787999	.0036016	-.007530
Stddev	.0018161	.0011260	.000135
%RSD	2.304661	31.26353	1.787283

#1	.0796177	.0023919	-.007408
#2	.0767187	.0046191	-.007674
#3	.0800632	.0037938	-.007507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1005.872	41772.24	6852.070	1094.237	1698.813
Stddev	.552	82.35	22.977	4.091	1.764
%RSD	.0549167	.1971498	.3353244	.3739030	.1038615

#1	1005.249	41705.55	6878.600	1097.150	1697.736
#2	1006.064	41746.89	6839.020	1089.560	1697.853
#3	1006.302	41864.29	6838.590	1096.002	1700.849

Sample Name: M4486-19 Acquired: 11/16/2021 15:41:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5896695	-.015897	.0786221	.0809960	.3402534	20.81435	.0945790
Stddev	.0004937	.003078	.0014232	.0068446	.0037670	.02846	.0006560
%RSD	.0837212	19.36060	1.810196	8.450509	1.107119	.1367537	.6936350

#1	.5891150	-.018861	.0794566	.0791252	.3396328	20.78180	.0940606
#2	.5900613	-.016112	.0794309	.0752813	.3442922	20.83459	.0943600
#3	.5898322	-.012717	.0769788	.0885815	.3368352	20.82666	.0953166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924360	.0012727	86.27105	.6457493	.3511537	.2097638	70.51885
Stddev	.0011652	.0000814	.56454	.0007396	.0010768	.0040917	.31053
%RSD	.6055228	6.395717	.6543800	.1145334	.3066564	1.950641	.4403436

#1	.1937170	.0013618	85.62164	.6462758	.3504497	.2131616	70.16031
#2	.1921518	.0012542	86.54669	.6449037	.3523933	.2109079	70.70142
#3	.1914391	.0012022	86.64482	.6460683	.3506180	.2052217	70.69482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4347274	3.837630	.0170862	.0961495	11.87109	.6516719	.0749563
Stddev	.0022525	.059318	.0004638	.0005077	.13563	.0047584	.0057066
%RSD	.5181368	1.545705	2.714601	.5280652	1.142532	.7301842	7.613198

#1	.4327293	3.769135	.0165654	.0965607	11.72027	.6475034	.0779090
#2	.4342843	3.871854	.0172387	.0955820	11.98305	.6506562	.0683783
#3	.4371684	3.871902	.0174546	.0963058	11.90994	.6568562	.0785814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.871792	.1865325	-.024592	.0043923	6.862574	3.231962	.0016924
Stddev	.096504	.0028878	.000743	.0003447	.011419	.018928	.0024330
%RSD	3.360424	1.548120	3.022063	7.846918	.1663939	.5856631	143.7611

#1	2.774881	.1832522	-.024473	.0042076	6.849657	3.253817	.0030284
#2	2.967885	.1876540	-.023915	.0047900	6.866738	3.220780	-.001116
#3	2.872611	.1886913	-.025387	.0041793	6.871326	3.221290	.003165

Sample Name: M4486-19 Acquired: 11/16/2021 15:41:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7Y9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5099983	.0083719	-.033101
Stddev	.0055686	.0012279	.000480
%RSD	1.091877	14.66709	1.450158

#1	.5067272	.0073074	-.032574
#2	.5068396	.0097152	-.033514
#3	.5164280	.0080930	-.033214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	976.2896	41181.81	6813.887	1069.387	1677.493
Stddev	1.2277	298.43	16.276	11.089	1.931
%RSD	.1257514	.7246737	.2388668	1.036911	.1151333

#1	974.9228	41424.01	6809.435	1074.795	1678.997
#2	976.6471	40848.42	6800.299	1056.632	1675.315
#3	977.2988	41273.00	6831.925	1076.735	1678.167

Sample Name: M4486-01 Acquired: 11/16/2021 15:45:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747555	-.022018	3.331879	-.022823	.0132733	33.46311	.8370447
Stddev	.0064257	.006015	.008751	.006336	.0046561	.13725	.0034409
%RSD	8.595591	27.31707	.2626446	27.76154	35.07869	.4101604	.4110768

#1	.0772447	-.015136	3.324846	-.027991	.0151320	33.58856	.8406306
#2	.0674577	-.026271	3.341679	-.024723	.0079749	33.48427	.8367334
#3	.0795643	-.024646	3.329111	-.015754	.0167129	33.31651	.8337700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159468	.0716801	103.6935	1.611400	.1547244	.0457353	405.6340
Stddev	.0001524	.0002561	.3021	.026262	.0002640	.0025920	1.6220
%RSD	.9556755	.3572361	.2912917	1.629773	.1706435	5.667389	.3998611

#1	.0159712	.0715693	103.9736	1.625767	.1544685	.0486164	406.6397
#2	.0160856	.0719729	103.7336	1.627344	.1547089	.0435927	406.4994
#3	.0157837	.0714981	103.3734	1.581089	.1549958	.0449968	403.7629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.80239	18.43354	.1403036	-.017202	1.000446	.9706605	11.87270
Stddev	.04899	.09551	.0020171	.000737	.122946	.0001225	.20393
%RSD	.3826910	.5181543	1.437699	4.282331	12.28913	.0126193	1.717670

#1	12.83183	18.51582	.1385294	-.017919	.876417	.9707181	11.93762
#2	12.82951	18.45600	.1424976	-.017240	1.122280	.9705199	12.03626
#3	12.74583	18.32880	.1398839	-.016448	1.002641	.9707437	11.64420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2978650	5.088791	-.181669	.0134622	4.914145	3.531830	.0061250
Stddev	.0635016	.043184	.005260	.0001643	.017101	.030552	.0004590
%RSD	21.31893	.8486031	2.895341	1.220606	.3480001	.8650410	7.494053

#1	.2580455	5.039074	-.186420	.0136368	4.927022	3.546427	.0059182
#2	.2644525	5.110326	-.182570	.0134391	4.894741	3.552347	.0058059
#3	.3710970	5.116972	-.176017	.0133106	4.920670	3.496718	.0066511

Sample Name: M4486-01 Acquired: 11/16/2021 15:45:40 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7X3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151180	.0049796	-.359005
Stddev	.004654	.0005125	.001474
%RSD	.4042409	10.29245	.4105933

#1	1.155372	.0055682	-.360059
#2	1.151995	.0046321	-.359635
#3	1.146172	.0047384	-.357321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.881	46575.26	7625.956	1193.912	1632.294
Stddev	3.149	752.44	43.061	19.717	6.463
%RSD	.2908116	1.615529	.5646626	1.651444	.3959743

#1	1083.129	46212.35	7617.205	1189.406	1635.897
#2	1079.615	46073.06	7587.942	1176.838	1624.832
#3	1085.899	47440.37	7672.720	1215.491	1636.152

Sample Name: M4486-02 Acquired: 11/16/2021 15:49:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544796	-.014766	2.523423	-.010129	.0081393	23.87610	1.206585
Stddev	.0028473	.004826	.011028	.005610	.0038199	.02418	.003426
%RSD	5.226431	32.68288	.4370369	55.38436	46.93174	.1012936	.2839481

#1	.0567053	-.013858	2.529526	-.014873	.0091544	23.84887	1.202647
#2	.0554625	-.019982	2.510692	-.003937	.0039144	23.88435	1.208227
#3	.0512711	-.010459	2.530051	-.011578	.0113491	23.89509	1.208881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104368	.0402342	32.52193	.6287538	.1636864	.0344487	241.4759
Stddev	.0000751	.0001268	.07395	.0011956	.0003124	.0018969	.7625
%RSD	.7192739	.3152906	.2273720	.1901477	.1908834	5.506588	.3157599

#1	.0103930	.0401838	32.43804	.6274224	.1634343	.0349107	241.1355
#2	.0105235	.0401404	32.57763	.6297355	.1635891	.0360719	242.3493
#3	.0103939	.0403786	32.55014	.6291034	.1640360	.0323634	240.9429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54817	2.722848	.1192265	-.010072	.5396193	.5460249	6.754072
Stddev	.03400	.022860	.0007289	.000226	.2229143	.0047418	.078281
%RSD	.2336935	.8395443	.6113308	2.247902	41.30954	.8684281	1.159016

#1	14.53379	2.738139	.1188731	-.010290	.6588562	.5423344	6.841970
#2	14.58699	2.733836	.1187417	-.009838	.2824466	.5513731	6.728378
#3	14.52372	2.696569	.1200647	-.010089	.6775551	.5443673	6.691867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3191255	3.428705	-.103815	.0082130	4.714102	3.000413	.0045361
Stddev	.0486971	.001513	.002982	.0004292	.020759	.008555	.0011753
%RSD	15.25955	.0441352	2.872463	5.225827	.4403651	.2851311	25.90873

#1	.3463215	3.430159	-.104606	.0077210	4.728597	2.999743	.0055211
#2	.3481503	3.427138	-.106322	.0085104	4.723389	3.009284	.0032352
#3	.2629049	3.428817	-.100518	.0084077	4.690321	2.992213	.0048521

Sample Name: M4486-02 Acquired: 11/16/2021 15:49:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7100054	.0102424	-.217713
Stddev	.0022851	.0024060	.000703
%RSD	.3218411	23.49084	.3227142

#1	.7073850	.0095584	-.217489
#2	.7110475	.0129163	-.218500
#3	.7115837	.0082524	-.217149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.679	45573.16	7563.792	1177.893	1683.284
Stddev	.419	182.94	25.915	10.673	.523
%RSD	.0384960	.4014199	.3426224	.9061013	.0310649

#1	1088.680	45362.29	7577.493	1166.808	1682.913
#2	1089.098	45689.35	7533.903	1178.771	1683.882
#3	1088.259	45667.86	7579.982	1188.100	1683.058

Sample Name: M4486-03 Acquired: 11/16/2021 15:53:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303221	-.009339	1.682124	-.010152	.0041328	70.63688	1.117822
Stddev	.0046847	.003764	.008287	.007832	.0022390	.09386	.003057
%RSD	15.44969	40.30505	.4926618	77.14330	54.17785	.1328717	.2735162

#1	.0289469	-.005509	1.691402	-.014526	.0061904	70.74329	1.121317
#2	.0264789	-.013033	1.679514	-.001110	.0017483	70.60146	1.115645
#3	.0355404	-.009474	1.675457	-.014820	.0044596	70.56588	1.116503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099260	.0692352	23.79066	.1616934	.1175843	.0745426	143.4295
Stddev	.0001230	.0002438	.01773	.0015324	.0006632	.0030326	.0175
%RSD	1.238893	.3521280	.0745437	.9477070	.5640033	4.068263	.0121695

#1	.0100607	.0694440	23.81105	.1608825	.1183334	.0732671	143.4475
#2	.0098198	.0689673	23.78207	.1607368	.1170720	.0780046	143.4126
#3	.0098973	.0692944	23.77886	.1634608	.1173475	.0723561	143.4284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.176657	6.759188	.1282759	-.005973	.4005636	.2685225	12.57743
Stddev	.016631	.073878	.0004485	.000504	.1665193	.0026648	.02774
%RSD	.2317374	1.093005	.3496044	8.445511	41.57125	.9923908	.2205280

#1	7.193634	6.843091	.1277737	-.005895	.3693588	.2714701	12.60944
#2	7.160395	6.703887	.1286364	-.006512	.2518542	.2662838	12.56218
#3	7.175942	6.730587	.1284176	-.005512	.5804779	.2678136	12.56066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.630599	2.564738	-.060468	.0021233	6.049549	7.121442	.0052580
Stddev	.039453	.016600	.000256	.0000741	.028332	.034258	.0020559
%RSD	.7006886	.6472395	.4233924	3.489515	.4683396	.4810596	39.10113

#1	5.675182	2.577910	-.060232	.0021688	6.033291	7.151512	.0055415
#2	5.616419	2.546093	-.060434	.0020378	6.082264	7.128665	.0071574
#3	5.600195	2.570212	-.060740	.0021633	6.033092	7.084148	.0030750

Sample Name: M4486-03 Acquired: 11/16/2021 15:53:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6258960	.0423658	-.093876
Stddev	.0012426	.0010293	.000103
%RSD	.1985234	2.429608	.1099232

#1	.6253000	.0412473	-.093835
#2	.6250637	.0425771	-.093798
#3	.6273243	.0432732	-.093993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1131.702	47430.97	7827.173	1234.650	1681.615
Stddev	1.856	135.53	31.828	7.106	2.942
%RSD	.1639694	.2857436	.4066339	.5755775	.1749745

#1	1131.312	47434.94	7799.232	1231.576	1678.609
#2	1133.721	47564.47	7820.466	1229.598	1684.490
#3	1130.072	47293.49	7861.819	1242.776	1681.746

Sample Name: M4486-04 Acquired: 11/16/2021 15:57:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2021645	-.011346	1.551537	-.005333	.0211752	90.78673
Stddev	.0116090	.012554	.000994	.005936	.0036108	.19300
%RSD	5.742368	110.6533	.0640834	111.3203	17.05219	.2125894

#1	.1892199	-.011982	1.550432	-.007036	.0250735	90.59984
#2	.2116530	.001515	1.552360	-.010232	.0179451	90.77505
#3	.2056205	-.023569	1.551819	.001269	.0205071	90.98531

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.916177	.0194247	.0440937	59.15565	.4449717	1.010853
Stddev	.056699	.0000743	.0005019	.40257	.0005723	.001922
%RSD	.6359156	.3826170	1.138215	.6805241	.1286130	.1901137

#1	8.861719	.0194060	.0435657	58.72996	.4450948	1.012586
#2	8.911934	.0193614	.0441508	59.20678	.4443479	1.011187
#3	8.974879	.0195065	.0445645	59.53021	.4454725	1.008786

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1419683	599.3833	F 84.63453	15.44085	.2718087	-.029988
Stddev	.0040933	1.7580	.44295	.03334	.0011610	.000313
%RSD	2.883280	.2932948	.5233651	.2159416	.4271384	1.043809

#1	.1394774	597.4962	84.18918	15.45801	.2716568	-.029855
#2	.1466926	599.6792	84.63937	15.40243	.2730382	-.029765
#3	.1397351	600.9745	85.07504	15.46213	.2707312	-.030346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.415362	1.205810	6.690101	6.091688	16.33776	-.270564
Stddev	.114708	.002603	.011132	.046907	.04740	.002617
%RSD	8.104512	.2159052	.1663980	.7700246	.2901491	.9673864

#1	1.547497	1.205221	6.702355	6.145835	16.31063	-.270058
#2	1.357246	1.208658	6.680611	6.063459	16.39250	-.273397
#3	1.341342	1.203552	6.687338	6.065768	16.31015	-.268236

Sample Name: M4486-04 Acquired: 11/16/2021 15:57:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7X6 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248106	10.87720	3.809349	.0468469	.3827108	.0346350
Stddev	.0007723	.05579	.029258	.0022983	.0028841	.0014356
%RSD	3.112935	.5128724	.7680708	4.905921	.7536031	4.145002

#1	.0239678	10.81591	3.776979	.0491111	.3808194	.0356539
#2	.0254846	10.92501	3.817154	.0469138	.3812826	.0329931
#3	.0249793	10.89067	3.833913	.0445160	.3860303	.0352580

Elem	Sr4077
Units	ppm
Avg	-.477976
Stddev	.001616
%RSD	.3381482

#1	-.476219
#2	-.478309
#3	-.479400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.475	45665.08	7554.861	1172.496	1629.610
Stddev	2.552	50.98	30.049	4.185	3.256
%RSD	.2366593	.1116479	.3977438	.3569124	.1998305

#1	1080.368	45658.80	7585.320	1171.473	1631.082
#2	1075.572	45617.53	7554.024	1177.098	1625.878
#3	1079.483	45718.92	7525.240	1168.918	1631.872

Sample Name: M4486-05 Acquired: 11/16/2021 16:01:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596558	-.019107	.4641610	-.011850	.0110972	29.61839	1.363609
Stddev	.0078873	.007842	.0039730	.001813	.0030692	.09379	.006382
%RSD	13.22126	41.04443	.8559642	15.29668	27.65724	.3166626	.4680583

#1	.0682520	-.018005	.4609063	-.010163	.0083783	29.72237	1.370891
#2	.0579631	-.011874	.4629882	-.011622	.0144253	29.54017	1.358986
#3	.0527524	-.027442	.4685884	-.013766	.0104879	29.59264	1.360949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152884	.0110814	8.340876	1.149227	.1786200	.0597326	365.5250
Stddev	.0001039	.0000494	.057644	.003236	.0006251	.0011031	1.3368
%RSD	.6794886	.4456419	.6911066	.2816002	.3499504	1.846768	.3657110

#1	.0154077	.0110529	8.407339	1.152226	.1782762	.0605308	366.8863
#2	.0152397	.0111384	8.310781	1.145797	.1793415	.0601932	364.2142
#3	.0152179	.0110528	8.304507	1.149657	.1782422	.0584738	365.4746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97312	.7111050	.1779277	-.015524	.6562630	.8449095	.9287957
Stddev	.05355	.0121006	.0008235	.000808	.0868591	.0071823	.0050452
%RSD	.3832460	1.701663	.4628422	5.207033	13.23541	.8500721	.5431970

#1	14.03261	.7154649	.1771588	-.014695	.7273689	.8511458	.9239648
#2	13.92877	.6974286	.1778277	-.015567	.6819675	.8370567	.9283915
#3	13.95799	.7204215	.1787967	-.016310	.5594527	.8465260	.9340309

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2380229	5.364102	-.166088	.0072167	4.508180	2.148827	.0032257
Stddev	.0421278	.019407	.001488	.0001827	.016420	.003226	.0018075
%RSD	17.69906	.3617929	.8960325	2.531689	.3642336	.1501379	56.03483

#1	.2054492	5.341760	-.164448	.0071845	4.489453	2.145349	.0014071
#2	.2855983	5.373769	-.166467	.0074134	4.514976	2.151723	.0032482
#3	.2230213	5.376776	-.167351	.0070523	4.520111	2.149408	.0050219

Sample Name: M4486-05 Acquired: 11/16/2021 16:01:42 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: GB7X7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5983643	.0036459	-.350450
Stddev	.0016470	.0003258	.001311
%RSD	.2752525	8.935753	.3741096

#1	.5974390	.0037485	-.351775
#2	.6002659	.0039080	-.349154
#3	.5973881	.0032811	-.350422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1083.785	45484.15	7424.408	1180.892	1690.931
Stddev	1.283	186.19	22.065	3.948	.978
%RSD	.1183953	.4093566	.2971895	.3343166	.0578189

#1	1082.739	45465.34	7404.207	1180.053	1691.990
#2	1083.400	45679.03	7447.954	1185.192	1690.743
#3	1085.217	45308.07	7421.062	1177.431	1690.062

Sample Name: M4486-06 Acquired: 11/16/2021 16:05:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0635226	-.015048	.4230283	-.010479	.0072450	27.62766
Stddev	.0131398	.003952	.0023284	.001570	.0014771	.03497
%RSD	20.68520	26.26437	.5504183	14.97957	20.38776	.1265868

#1	.0613844	-.019555	.4222904	-.012252	.0089495	27.65811
#2	.0515830	-.013420	.4211582	-.009268	.0063409	27.63540
#3	.0776003	-.012170	.4256362	-.009916	.0064444	27.58946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9153760	.0084419	.1653277	7.139531	1.027488	.1008995
Stddev	.0029106	.0000531	.0002925	.033032	.006522	.0003203
%RSD	.3179728	.6285216	.1769420	.4626668	.6347596	.3174617

#1	.9186429	.0083865	.1653998	7.170039	1.029855	.1011582
#2	.9144264	.0084467	.1650058	7.104451	1.032497	.1009991
#3	.9130588	.0084923	.1655773	7.144105	1.020113	.1005412

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1354306	283.0234	6.218679	.7079854	.0508519	-.011361
Stddev	.0006917	.1873	.012893	.0171753	.0008285	.000355
%RSD	.5107760	.0661839	.2073272	2.425946	1.629285	3.124924

#1	.1346686	282.8244	6.224781	.7172977	.0508067	-.011771
#2	.1360190	283.1963	6.227389	.7184935	.0500469	-.011161
#3	.1356043	283.0495	6.203868	.6881651	.0517021	-.011151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5348903	.6582903	F 37.33179	.3036137	4.121687	-.123192
Stddev	.1205598	.0076212	.23906	.0213185	.005865	.002940
%RSD	22.53917	1.157727	.6403670	7.021599	.1423033	2.386782

#1	.4107992	.6500518	37.57536	.3253956	4.123814	-.121461
#2	.6515776	.6597305	37.32251	.2827909	4.115055	-.126587
#3	.5422939	.6650887	37.09750	.3026545	4.126193	-.121528

Sample Name: M4486-06 Acquired: 11/16/2021 16:05:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127311	8.781438	3.786113	.0071151	1.043286	.0015888
Stddev	.0010820	.008414	.050547	.0012354	.005119	.0013778
%RSD	8.498564	.0958203	1.335054	17.36233	.4906831	86.71786

#1	.0116047	8.790672	3.754622	.0079144	1.048749	.0021467
#2	.0128260	8.779439	3.844417	.0056923	1.038600	.0026003
#3	.0137624	8.774203	3.759301	.0077388	1.042508	.0000196

Elem	Sr4077
Units	ppm
Avg	-.259867
Stddev	.000300
%RSD	.1155928

#1	-.259612
#2	-.260198
#3	-.259792

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.7997	41794.17	6851.766	1088.352	1697.315
Stddev	.8994	250.79	17.401	7.037	2.243
%RSD	.0908707	.6000534	.2539664	.6465600	.1321614

#1	990.4162	41571.01	6866.291	1080.683	1697.042
#2	988.7676	41745.91	6832.480	1089.859	1695.221
#3	990.2152	42065.57	6856.527	1094.512	1699.682

Sample Name: M4486-07 Acquired: 11/16/2021 16:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009659	-.028371	.2182813	-.029863	.0190197	54.16231	1.071627
Stddev	.0047953	.003667	.0031904	.008775	.0059965	.06600	.003676
%RSD	4.749406	12.92688	1.461620	29.38312	31.52776	.1218580	.3430067

#1	.0997960	-.032166	.2197191	-.019781	.0226258	54.09582	1.067917
#2	.1062379	-.024846	.2146250	-.034035	.0120976	54.16328	1.071696
#3	.0968639	-.028101	.2204999	-.035774	.0223357	54.22781	1.075268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209482	.1289585	9.620976	2.409419	.1489376	.0656147	653.0337
Stddev	.0002304	.0001935	.112589	.004552	.0010028	.0018585	3.1691
%RSD	1.100080	.1500386	1.170240	.1889406	.6732949	2.832401	.4852960

#1	.0207061	.1289103	9.539455	2.406200	.1477949	.0670652	650.3156
#2	.0211648	.1291716	9.574033	2.414628	.1493471	.0635198	652.2709
#3	.0209737	.1287937	9.749440	2.407430	.1496709	.0662591	656.5147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02469	.7364909	.0981091	-.026000	1.256593	1.596403	11.95206
Stddev	.06860	.0124069	.0002983	.000976	.118587	.007451	.15677
%RSD	.6843244	1.684590	.3039945	3.755248	9.437166	.4667582	1.311643

#1	9.97018	.7349207	.0984135	-.025948	1.219396	1.589016	12.13026
#2	10.00218	.7496081	.0978174	-.027001	1.389320	1.596278	11.89055
#3	10.10172	.7249439	.0980964	-.025050	1.161065	1.603917	11.83537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6642880	8.541237	-.293803	.0258654	4.727655	3.321188	.0072568
Stddev	.0963132	.035627	.009597	.0008093	.011167	.026883	.0012012
%RSD	14.49872	.4171214	3.266512	3.128959	.2362010	.8094326	16.55242

#1	.7082157	8.524023	-.285860	.0256090	4.733200	3.299792	.0059995
#2	.5538424	8.517486	-.291083	.0267718	4.734964	3.312409	.0083926
#3	.7308058	8.582203	-.304467	.0252153	4.714801	3.351363	.0073785

Sample Name: M4486-07 Acquired: 11/16/2021 16:09:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.893244	.0010747	-.628989
Stddev	.004324	.0011507	.003076
%RSD	.2283683	107.0707	.4890988

#1	1.889310	-.000047	-.626448
#2	1.892548	.002252	-.628110
#3	1.897873	.001020	-.632410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.6545	41229.25	6832.352	1058.721	1671.064
Stddev	2.0519	198.18	47.667	10.923	2.085
%RSD	.2103126	.4806738	.6976609	1.031688	.1247627

#1	974.3493	41155.87	6875.928	1046.143	1673.467
#2	974.5946	41078.23	6839.685	1065.821	1669.980
#3	978.0196	41453.66	6781.444	1064.198	1669.743

Sample Name: M4486-08 Acquired: 11/16/2021 16:13:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518014	.0005694	.3097472	-.009008	.0078386	22.14937	.4081687
Stddev	.0050531	.0124813	.0024176	.009414	.0032566	.06111	.0011061
%RSD	9.754788	2191.887	.7805172	104.5064	41.54545	.2759157	.2709931

#1	.0567862	-.009201	.3119948	-.013614	.0114871	22.21534	.4093785
#2	.0466826	.014630	.3071895	-.015231	.0052259	22.09470	.4072091
#3	.0519356	-.003721	.3100574	.001822	.0068029	22.13805	.4079184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090518	.0137715	765.8709	.7227493	.0832487	.0285092	193.7371
Stddev	.0001160	.0000266	10.1312	.0012029	.0008360	.0024303	1.0454
%RSD	1.282005	.1928486	1.322836	.1664276	1.004244	8.524564	.5395832

#1	.0090012	.0137556	776.4430	.7239552	.0826827	.0257051	194.8771
#2	.0089696	.0137568	756.2473	.7215495	.0842090	.0298158	192.8234
#3	.0091845	.0138022	764.9224	.7227434	.0828544	.0300067	193.5107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.827553	5.762844	.0956752	-.009065	.3865037	.4697047	1.359279
Stddev	.040512	.031685	.0000862	.000120	.2463294	.0029137	.004088
%RSD	.5933675	.5498121	.0901283	1.325973	63.73274	.6203271	.3007460

#1	6.870678	5.776449	.0956550	-.009001	.5881124	.4730231	1.363981
#2	6.790292	5.726629	.0956009	-.009204	.4594627	.4675653	1.357288
#3	6.821689	5.785454	.0957697	-.008990	.1119362	.4685255	1.356569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7288788	4.108199	-.087329	.0041668	6.852194	1.923536	.0190701
Stddev	.0681845	.012066	.001758	.0005315	.015589	.011281	.0024978
%RSD	9.354714	.2937172	2.012897	12.75587	.2274974	.5864642	13.09783

#1	.7097019	4.114136	-.087365	.0035743	6.842350	1.927570	.0165041
#2	.8045983	4.094314	-.089068	.0046018	6.844065	1.910793	.0214935
#3	.6723362	4.116147	-.085553	.0043241	6.870167	1.932245	.0192128

Sample Name: M4486-08 Acquired: 11/16/2021 16:13:48 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6354064	.0077224	.1401086
Stddev	.0006474	.0026304	.0012480
%RSD	.1018820	34.06216	.8907309

#1	.6354616	.0047681	.1386730
#2	.6347332	.0085885	.1407172
#3	.6360244	.0098106	.1409355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1018.079	43766.96	7370.122	1113.660	1505.920
Stddev	2.232	122.63	55.715	7.345	2.975
%RSD	.2192748	.2801775	.7559527	.6595739	.1975617

#1	1015.892	43641.51	7315.382	1105.337	1502.725
#2	1020.355	43886.56	7426.763	1116.408	1508.610
#3	1017.989	43772.81	7368.222	1119.235	1506.426

Sample Name: M4486-09 Acquired: 11/16/2021 16:18:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0323825	-.012299	.0933659	-.007840	.0022414	16.10941	.2691133
Stddev	.0109423	.002795	.0007323	.002788	.0037990	.07066	.0024091
%RSD	33.79083	22.72378	.7843528	35.56267	169.4940	.4386375	.8951899

#1	.0226558	-.012219	.0938979	-.009739	.0000728	16.02794	.2668177
#2	.0442300	-.009544	.0936691	-.004639	.0000234	16.15409	.2689004
#3	.0302618	-.015132	.0925306	-.009143	.0066280	16.14619	.2716217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098649	.0102096	10.93923	.5271959	.0595406	.0259106	193.2066
Stddev	.0001793	.0001564	.10873	.0005421	.0001877	.0044813	1.0993
%RSD	1.817149	1.532123	.9939636	.1028281	.3152076	17.29514	.5689950

#1	.0096638	.0100370	10.82334	.5277738	.0594847	.0207551	192.0469
#2	.0100077	.0102495	10.95537	.5266986	.0597498	.0281040	193.3392
#3	.0099234	.0103421	11.03900	.5271153	.0593872	.0288726	194.2336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.128991	.5739562	.1229491	-.007163	.3043876	.4318280	1.722131
Stddev	.016084	.0199386	.0006624	.000482	.1520945	.0083249	.017321
%RSD	.7554636	3.473895	.5387845	6.723426	49.96739	1.927837	1.005811

#1	2.111486	.5784621	.1222264	-.007629	.2772395	.4304733	1.741135
#2	2.132370	.5912564	.1235275	-.006667	.4682280	.4242635	1.707227
#3	2.143116	.5521503	.1230934	-.007194	.1676953	.4407472	1.718032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.149638	3.916348	-.085874	.0031664	4.471569	1.065795	.0014675
Stddev	.046971	.009834	.000591	.0006002	.034903	.010513	.0009872
%RSD	31.38982	.2511024	.6882517	18.95644	.7805522	.9863692	67.26800

#1	-.126941	3.916770	-.086443	.0024892	4.505150	1.056488	.0022106
#2	-.118326	3.925965	-.085264	.0036327	4.435480	1.063700	.0003474
#3	-.203647	3.906310	-.085915	.0033774	4.474078	1.077198	.0018445

Sample Name: M4486-09 Acquired: 11/16/2021 16:18:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4851536	-.000646	-.180666
Stddev	.0043698	.000652	.001060
%RSD	.9007101	100.8651	.5868365

#1	.4801952	-.001034	-.179640
#2	.4884427	-.001011	-.180601
#3	.4868230	.000106	-.181757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.087	45071.84	7431.187	1175.925	1699.788
Stddev	2.532	130.37	34.616	8.332	3.123
%RSD	.2354816	.2892535	.4658152	.7085097	.1837411

#1	1077.414	45209.37	7468.780	1172.378	1702.742
#2	1075.456	44950.05	7400.630	1169.955	1700.101
#3	1072.391	45056.11	7424.150	1185.444	1696.519

Sample Name: M4486-10 Acquired: 11/16/2021 16:22:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0791010	-.018368	.4195087	-.018527	.0103644	18.79236	.2574958
Stddev	.0059277	.004811	.0047800	.005221	.0029284	.04833	.0008363
%RSD	7.493837	26.19421	1.139427	28.18007	28.25424	.2572047	.3247775

#1	.0816387	-.019125	.4202091	-.015919	.0071029	18.79552	.2569590
#2	.0723269	-.013223	.4238999	-.024538	.0112223	18.83903	.2584593
#3	.0833374	-.022755	.4144172	-.015124	.0127681	18.74251	.2570690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081262	.0157114	9.675908	.4351171	.0582666	.0152096	247.6997
Stddev	.0001700	.0000542	.050256	.0010691	.0006931	.0028718	.1271
%RSD	2.091923	.3447637	.5193959	.2457027	1.189586	18.88156	.0513203

#1	.0081898	.0156494	9.732849	.4341621	.0590268	.0182053	247.6432
#2	.0082552	.0157496	9.657133	.4362721	.0576697	.0149433	247.8453
#3	.0079336	.0157352	9.637742	.4349172	.0581032	.0124802	247.6107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.134937	1.012801	.0615025	-.009380	.4877714	.4475222	3.215456
Stddev	.006220	.014969	.0008583	.000322	.1501633	.0020491	.007271
%RSD	.1984235	1.478009	1.395561	3.436922	30.78558	.4578805	.2261270

#1	3.127762	.996768	.0605193	-.009745	.3756050	.4455651	3.219728
#2	3.138229	1.026412	.0618866	-.009135	.4293424	.4473492	3.219580
#3	3.138819	1.015222	.0621018	-.009259	.6583667	.4496524	3.207061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.083850	2.948986	-.111820	.0069382	5.057576	2.162572	.0032060
Stddev	.060744	.011314	.002566	.0001979	.031298	.012479	.0023830
%RSD	72.44343	.3836572	2.294765	2.851544	.6188316	.5770673	74.32675

#1	-.022092	2.954961	-.110001	.0071665	5.029375	2.161243	.0051931
#2	-.143527	2.935937	-.110705	.0068312	5.091249	2.150811	.0038609
#3	-.085933	2.956060	-.114755	.0068169	5.052103	2.175663	.0005642

Sample Name: M4486-10 Acquired: 11/16/2021 16:22:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4753389	-.001417	-.234382
Stddev	.0044678	.001144	.000195
%RSD	.9399115	80.71837	.0829825

#1	.4746689	-.000370	-.234321
#2	.4801038	-.001242	-.234600
#3	.4712440	-.002638	-.234225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.635	42820.36	7048.545	1109.739	1699.664
Stddev	2.354	128.45	31.920	2.509	1.705
%RSD	.2301908	.2999701	.4528526	.2260859	.1002937

#1	1024.330	42676.88	7025.693	1108.130	1700.078
#2	1023.628	42859.53	7085.015	1112.630	1701.124
#3	1019.948	42924.65	7034.927	1108.457	1697.791

Sample Name: M4486-11 Acquired: 11/16/2021 16:26:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158195	-.005221	1.940546	-.006861	.0026687	54.43345
Stddev	.0020097	.002411	.003433	.000866	.0004346	.15867
%RSD	12.70425	46.17712	.1768860	12.61596	16.28591	.2914895

#1	.0174595	-.006181	1.940453	-.007770	.0022531	54.33998
#2	.0164213	-.002478	1.937162	-.006046	.0026329	54.34372
#3	.0135776	-.007003	1.944025	-.006767	.0031202	54.61665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9134923	.0084097	.4017164	43.23792	.0764230	.1982669
Stddev	.0057615	.0000378	.0007990	.37909	.0005315	.0007175
%RSD	.6307164	.4492809	.1988941	.8767584	.6954750	.3619012

#1	.9100149	.0083742	.4012097	43.02183	.0764393	.1979629
#2	.9103191	.0084495	.4013019	43.01628	.0769461	.1990864
#3	.9201428	.0084055	.4026374	43.67565	.0758835	.1977514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1497269	150.1440	14.18690	6.664029	.3947286	-.006036
Stddev	.0011817	.6243	.08114	.053310	.0016535	.000171
%RSD	.7892275	.4157702	.5719623	.7999590	.4188990	2.830527

#1	.1508124	149.7289	14.14899	6.634478	.3939321	-.005930
#2	.1484682	149.8411	14.13165	6.632039	.3936241	-.005945
#3	.1499001	150.8619	14.28006	6.725569	.3966296	-.006233

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5766745	.1532140	F 65.60174	3.105266	4.992115	-.063333
Stddev	.1054053	.0013136	.25675	.038613	.002542	.000653
%RSD	18.27812	.8573650	.3913830	1.243463	.0509194	1.030289

#1	.4559754	.1547271	65.45763	3.094643	4.989780	-.063866
#2	.6234575	.1525486	65.89817	3.073077	4.991743	-.062605
#3	.6505908	.1523662	65.44940	3.148079	4.994823	-.063529

Sample Name: M4486-11 Acquired: 11/16/2021 16:26:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	28.35497	8.438060	.0072421	.3115070	.0270071
Stddev	.000330	.07361	.041306	.0017079	.0024479	.0012252
%RSD	511.5555	.2595880	.4895173	23.58246	.7858165	4.536456

#1	.000215	28.34935	8.425256	.0091934	.3143272	.0272841
#2	-.000428	28.28433	8.404673	.0065138	.3099327	.0256671
#3	.000019	28.43122	8.484252	.0060191	.3102610	.0280700

Elem	Sr4077
Units	ppm
Avg	-.089016
Stddev	.000617
%RSD	.6930921

#1	-.088691
#2	-.088629
#3	-.089728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1133.457	47584.84	7964.823	1227.762	1664.646
Stddev	1.543	130.49	50.422	6.706	2.842
%RSD	.1361547	.2742218	.6330601	.5461916	.1707140

#1	1135.222	47723.67	7998.222	1235.499	1664.680
#2	1132.787	47464.70	7989.424	1223.620	1667.471
#3	1132.362	47566.16	7906.823	1224.168	1661.788

Sample Name: CCV046 Acquired: 11/16/2021 16:30:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.905075	4.823368	24.36947	4.627859	4.875264	408.7799
Stddev	.008614	.006044	.03411	.019640	.010822	.9536
%RSD	.1756098	.1253032	.1399697	.4243949	.2219806	.2332879

#1	4.914239	4.820535	24.33830	4.605662	4.865675	409.8796
#2	4.903842	4.830308	24.36422	4.642984	4.873119	408.1811
#3	4.897145	4.819261	24.40591	4.634930	4.886998	408.2790

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.34617	.4948989	2.425594	401.2166	15.00583	2.443895
Stddev	.00604	.0025301	.001933	.9268	.05506	.003768
%RSD	.0584260	.5112383	.0796943	.2309863	.3669176	.1541692

#1	10.35302	.4946166	2.426536	402.2240	15.03308	2.441066
#2	10.34159	.4975583	2.423371	401.0255	15.04196	2.442448
#3	10.34391	.4925217	2.426876	400.4003	14.94246	2.448172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98025	402.7529	14.94073	397.5472	2.497961	1.253137
Stddev	.04063	1.4783	.03334	.8200	.006982	.003196
%RSD	.2712246	.3670414	.2231501	.2062632	.2795015	.2550148

#1	15.02271	404.3304	14.95090	398.4554	2.494467	1.249514
#2	14.94174	402.5289	14.96780	397.3251	2.493416	1.255556
#3	14.97630	401.3994	14.90349	396.8612	2.506000	1.254341

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.8032	2.492861	14.89825	151.8114	F 54.35812	4.820231
Stddev	1.3375	.003057	.10961	.3557	.06674	.020450
%RSD	.3353772	.1226107	.7357119	.2342866	.1227697	.4242564

#1	400.3279	2.490397	14.85803	152.1357	54.41088	4.829067
#2	398.2535	2.491905	14.81444	151.4310	54.28310	4.834778
#3	397.8281	2.496281	15.02229	151.8674	54.38038	4.796849

Sample Name: CCV046 Acquired: 11/16/2021 16:30:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.807831	F 51.47995	4.939710	4.951310	4.981370	5.055726
Stddev	.008229	.04626	.030059	.007994	.013736	.011653
%RSD	.1711605	.0898540	.6085128	.1614516	.2757494	.2304960
#1	4.801292	51.52994	4.944504	4.942136	4.996697	5.066568
#2	4.805129	51.43867	4.967084	4.956782	4.977241	5.043403
#3	4.817071	51.47123	4.907542	4.955012	4.970172	5.057208

Elem	Sr4077
Units	ppm
Avg	4.679685
Stddev	.040222
%RSD	.8594919
#1	4.662790
#2	4.725598
#3	4.650667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	810.3124	36480.83	6218.469	903.7768	1358.388
Stddev	1.7387	64.71	34.675	2.4144	1.853
%RSD	.2145736	.1773792	.5576159	.2671424	.1363982
#1	810.4746	36555.51	6213.535	906.2375	1357.826
#2	811.9644	36441.22	6186.525	903.6812	1360.457
#3	808.4983	36445.78	6255.347	901.4116	1356.882

Sample Name: CCB046 Acquired: 11/16/2021 16:34:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069247	-.001622	.0002499	-.003066	.0036398	.0118955	-.000157
Stddev	.0020926	.002202	.0007348	.004754	.0010766	.0035789	.000324
%RSD	30.21934	135.7821	294.0789	155.0666	29.57915	30.08661	205.8219

#1	.0045084	-.003581	.0007463	.001368	.0048791	.0111187	-.000479
#2	.0081390	-.002046	-.000594	-.002480	.0029353	.0157990	-.000161
#3	.0081266	.000762	.000598	-.008085	.0031049	.0087687	.000168

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000836	-.000059	.0066903	.0007736	-.000144	-.001765	.0039532
Stddev	.0000363	.000009	.0102908	.0002156	.000153	.003717	.0055307
%RSD	43.36259	15.87719	153.8162	27.86803	105.5931	210.5653	139.9043

#1	.0001234	-.000053	-.001337	.0009313	-.000099	-.006053	.0057689
#2	.0000749	-.000055	.003116	.0008616	-.000315	.000213	-.002257
#3	.0000525	-.000070	.018292	.0005280	-.000020	.000544	.008348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004216	-.000737	.0005585	.0007428	-.383173	-.001523	.0067940
Stddev	.0003019	.025562	.0008959	.0001173	.090207	.004006	.0058440
%RSD	71.62600	3470.017	160.4123	15.78551	23.54222	262.9546	86.01735

#1	.0000891	-.015057	.0015925	.0006631	-.454272	.000223	.0005759
#2	.0004967	.028775	.0000698	.0008775	-.413549	.001313	.0121733
#3	.0006788	-.015928	.0000132	.0006879	-.281699	-.006106	.0076327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051416	.0093945	.0095193	.0005887	3.840447	.0001095	.0001559
Stddev	.091145	.0013422	.0010946	.0005192	.016411	.0011987	.0009912
%RSD	177.2709	14.28676	11.49829	88.18793	.4273188	1094.542	635.8358

#1	-.097563	.0098067	.0084809	.0000652	3.858764	-.001271	-.000773
#2	-.110258	.0104822	.0106625	.0011034	3.835494	.000887	.000041
#3	.053574	.0078946	.0094147	.0005975	3.827084	.000712	.001200

Sample Name: CCB046 Acquired: 11/16/2021 16:34:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000277	-.000822	.0000211
Stddev	.001129	.000548	.0000520
%RSD	408.3443	66.64105	246.4687

#1	.001011	-.001453	.0000198
#2	-.000743	-.000555	.0000737
#3	-.001097	-.000460	-.000030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	954.8386	39716.76	6502.780	1033.332	1676.390
Stddev	1.3101	215.19	26.175	11.447	1.039
%RSD	.1372115	.5418012	.4025224	1.107815	.0619902

#1	953.6268	39530.08	6482.650	1024.591	1675.862
#2	954.6600	39668.09	6532.370	1029.117	1675.720
#3	956.2288	39952.12	6493.320	1046.290	1677.587

Sample Name: M4486-12 Acquired: 11/16/2021 16:38:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237540	-.006140	1.980356	.0028666	.0030503	52.50584
Stddev	.0089664	.002458	.008078	.0077939	.0020950	.02084
%RSD	37.74674	40.03007	.4079196	271.8831	68.68085	.0396919

#1	.0136888	-.007038	1.971031	-.006065	.0015797	52.51010
#2	.0308875	-.008021	1.985209	.008291	.0021221	52.52422
#3	.0266860	-.003359	1.984829	.006374	.0054490	52.48320

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8589286	.0081985	.3174962	30.60322	.0770633	.1510448
Stddev	.0025032	.0000994	.0002394	.10341	.0003219	.0005738
%RSD	.2914312	1.212681	.0754177	.3379164	.4177556	.3799100

#1	.8560443	.0081833	.3172509	30.48398	.0774167	.1514099
#2	.8605330	.0083047	.3175082	30.65738	.0769866	.1503834
#3	.8602086	.0081076	.3177294	30.66831	.0767867	.1513412

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477282	123.0474	7.808186	7.094436	.3346979	-.004947
Stddev	.0013806	.2764	.018351	.036906	.0008066	.000302
%RSD	.9345519	.2246650	.2350233	.5202059	.2409995	6.109522

#1	.1467262	122.8100	7.791211	7.093764	.3351539	-.004599
#2	.1493030	123.3509	7.827658	7.131673	.3337665	-.005096
#3	.1471554	122.9814	7.805691	7.057871	.3351732	-.005145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4239694	.1450801	F 50.67238	3.077269	4.426032	-.047608
Stddev	.1598604	.0030282	.17474	.019871	.013390	.001096
%RSD	37.70564	2.087239	.3448481	.6457239	.3025244	2.301622

#1	.2604887	.1474037	50.50050	3.058791	4.432197	-.048786
#2	.4314746	.1461812	50.84986	3.074730	4.410670	-.046619
#3	.5799450	.1416555	50.66679	3.098288	4.435229	-.047418

Sample Name: M4486-12 Acquired: 11/16/2021 16:38:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011096	23.75264	5.080689	.0085326	.3175167	.0251608
Stddev	.0005832	.03415	.016856	.0016312	.0009874	.0013782
%RSD	52.55553	.1437628	.3317618	19.11690	.3109650	5.477388

#1	.0004895	23.78539	5.087193	.0085978	.3163916	.0251617
#2	.0016469	23.71725	5.093324	.0101301	.3182391	.0265386
#3	.0011925	23.75527	5.061550	.0068698	.3179193	.0237823

Elem	Sr4077
Units	ppm
Avg	-.069258
Stddev	.000575
%RSD	.8296773

#1	-.068736
#2	-.069873
#3	-.069166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.135	47733.73	7888.136	1239.571	1679.728
Stddev	.404	116.53	28.100	9.208	.572
%RSD	.0354777	.2441341	.3562280	.7428633	.0340461

#1	1139.550	47825.72	7914.806	1248.951	1680.047
#2	1139.114	47772.79	7858.797	1230.545	1680.070
#3	1138.742	47602.69	7890.805	1239.217	1679.068

Sample Name: M4486-13 Acquired: 11/16/2021 16:42:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279568	-.009842	1.639194	-.004809	.0030422	53.53379	.9015213
Stddev	.0057054	.004866	.005559	.001142	.0023893	.19319	.0052688
%RSD	20.40789	49.44280	.3391374	23.74248	78.53857	.3608676	.5844375

#1	.0343202	-.004239	1.639579	-.004573	.0014547	53.35889	.8977784
#2	.0262521	-.013007	1.644550	-.006050	.0018818	53.74115	.9075465
#3	.0232981	-.012282	1.633452	-.003803	.0057900	53.50133	.8992390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078942	.1764671	26.94803	.0800499	.0994587	.1216424	95.83002
Stddev	.0000577	.0003685	.19960	.0003682	.0001125	.0032724	.52335
%RSD	.7310967	.2088299	.7406979	.4599268	.1131213	2.690155	.5461271

#1	.0078440	.1764749	26.83581	.0797644	.0994952	.1217442	95.34162
#2	.0079573	.1760947	27.17849	.0804655	.0995483	.1248628	96.38244
#3	.0078814	.1768317	26.82979	.0799200	.0993324	.1183204	95.76599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.553103	8.272720	.2042912	-.003631	.3829178	.1519989	23.97324
Stddev	.023746	.071664	.0007560	.000229	.1092723	.0012716	.22951
%RSD	.5215340	.8662695	.3700465	6.313969	28.53675	.8365677	.9573557

#1	4.535541	8.239284	.2051385	-.003628	.4158785	.1534177	23.79692
#2	4.580120	8.354991	.2036857	-.003403	.4719156	.1509622	23.89005
#3	4.543649	8.223884	.2040493	-.003862	.2609594	.1516167	24.23274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.388222	3.893991	-.035607	.0014571	15.40256	5.198965	.0074713
Stddev	.016335	.010562	.000646	.0001019	.03104	.047765	.0037244
%RSD	.4821244	.2712401	1.815610	6.990185	.2015137	.9187310	49.84867

#1	3.380327	3.888600	-.035091	.0014716	15.39005	5.199413	.0117376
#2	3.407005	3.906161	-.036332	.0013488	15.37974	5.246505	.0058071
#3	3.377334	3.887213	-.035400	.0015510	15.43790	5.150979	.0048693

Sample Name: M4486-13 Acquired: 11/16/2021 16:42:09 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3975272	.0259903	-.043658
Stddev	.0005573	.0015466	.000312
%RSD	.1401949	5.950677	.7137444

#1	.3970117	.0242103	-.043340
#2	.3974513	.0270057	-.043963
#3	.3981186	.0267549	-.043671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1158.652	48713.30	8035.953	1260.523	1683.405
Stddev	1.207	120.56	70.902	6.422	3.049
%RSD	.1041731	.2474838	.8823063	.5095068	.1811077

#1	1157.266	48780.93	8031.275	1267.526	1682.147
#2	1159.474	48574.11	7967.505	1259.135	1686.882
#3	1159.215	48784.85	8109.077	1254.907	1681.187

Sample Name: M4486-14 Acquired: 11/16/2021 16:46:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186617	-.007647	1.279269	-.001180	.0023170	49.88048	.9450666
Stddev	.0055766	.009711	.003392	.006008	.0007332	.11138	.0071362
%RSD	29.88285	126.9883	.2651635	509.2357	31.64290	.2232984	.7551003

#1	.0147863	-.011481	1.280939	-.007776	.0016812	49.75193	.9368536
#2	.0161457	-.014855	1.275365	.000256	.0031190	49.94823	.9497524
#3	.0250530	.003395	1.281502	.003980	.0021509	49.94128	.9485938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080412	.2041450	22.14936	.0699382	.0997266	.1207216	89.18122
Stddev	.0000350	.0003446	.14891	.0008594	.0003928	.0021765	.56666
%RSD	.4347853	.1687752	.6723151	1.228754	.3938705	1.802903	.6354075

#1	.0080476	.2045426	21.98131	.0702533	.0993551	.1223231	88.52715
#2	.0080035	.2039572	22.20184	.0705955	.1001377	.1215981	89.49219
#3	.0080725	.2039351	22.26493	.0689658	.0996870	.1182435	89.52431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.939475	5.365459	.2613310	-.002783	.1350526	.1490107	23.51726
Stddev	.018340	.054753	.0011201	.000048	.1294113	.0032088	.17957
%RSD	.6239239	1.020478	.4285981	1.709663	95.82293	2.153419	.7635471

#1	2.918307	5.303776	.2614157	-.002732	.2619554	.1474743	23.35175
#2	2.950596	5.408314	.2624063	-.002790	.1399316	.1468589	23.49184
#3	2.949523	5.384286	.2601710	-.002827	.0032707	.1526989	23.70817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.638759	3.390344	-.034685	.0012948	16.81259	8.116266	.0033459
Stddev	.016552	.011700	.003268	.0007068	.02215	.013739	.0019112
%RSD	.6272483	.3450915	9.423277	54.58446	.1317401	.1692725	57.12116

#1	2.647395	3.403200	-.038337	.0020731	16.79318	8.130025	.0021067
#2	2.619676	3.387512	-.032033	.0011183	16.80787	8.116224	.0023840
#3	2.649207	3.380320	-.033685	.0006931	16.83672	8.102548	.0055469

Sample Name: M4486-14 Acquired: 11/16/2021 16:46:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB7Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2553512	.0231599	-.035494
Stddev	.0017774	.0016630	.000593
%RSD	.6960674	7.180682	1.672008

#1	.2552658	.0234125	-.034850
#2	.2536180	.0246822	-.035611
#3	.2571698	.0213851	-.036019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1118.955	47064.07	7785.425	1213.779	1677.905
Stddev	2.070	40.72	12.596	1.824	2.838
%RSD	.1850347	.0865248	.1617901	.1502930	.1691345

#1	1117.201	47017.84	7796.213	1215.492	1674.800
#2	1121.239	47079.75	7771.583	1213.983	1680.365
#3	1118.425	47094.62	7788.479	1211.861	1678.550

Sample Name: M4483-15 Acquired: 11/16/2021 16:50:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB827 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459639	-.006438	F 165.0190	-.006083	.1022315	6.335470
Stddev	.0118131	.006336	.1838	.005145	.0019728	.015676
%RSD	25.70088	98.41002	.1114108	84.58058	1.929730	.2474356

#1	.0345874	-.013624	164.8151	-.008113	.1005433	6.333557
#2	.0451345	-.001658	165.1721	-.009903	.1017511	6.320839
#3	.0581700	-.004032	165.0699	-.000233	.1044001	6.352016

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.459357	.0014362	.0540067	F 2076.110	.0392295	.0191086
Stddev	.037093	.0001006	.0003968	10.806	.0007816	.0004058
%RSD	.4384841	7.007224	.7346307	.5205010	1.992400	2.123575

#1	8.416725	.0015484	.0536140	2063.646	.0389525	.0195772
#2	8.477099	.0014066	.0544074	2082.849	.0401119	.0188756
#3	8.484247	.0013537	.0539986	2081.835	.0386242	.0188731

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2347713	48.78872	1.708186	F 1175.059	.0611330	.0001046
Stddev	.0022003	.16087	.005852	2.114	.0011682	.0001480
%RSD	.9372028	.3297370	.3426003	.1799419	1.910917	141.4436

#1	.2370113	48.60302	1.707238	1172.617	.0598293	-.000038
#2	.2346899	48.88578	1.702866	1176.276	.0614851	.000094
#3	.2326130	48.87736	1.714455	1176.283	.0620847	.000258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.495716	.0955083	20.53873	.0922417	.7894927	.0162069
Stddev	.513606	.0015253	.37204	.0896567	.0103463	.0012966
%RSD	20.57951	1.597058	1.811388	97.19753	1.310501	8.000250

#1	3.048752	.0968328	20.34543	.0402780	.8005534	.0177040
#2	2.404683	.0938407	20.30313	.1957680	.7878726	.0154708
#3	2.033714	.0958515	20.96762	.0406790	.7800520	.0154459

Sample Name: M4483-15 Acquired: 11/16/2021 16:50:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB827 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035907	64.82339	1.938283	.0626971	.1454785	.0248476
Stddev	.0003020	.02975	.009954	.0059420	.0015746	.0006728
%RSD	8.409751	.0458903	.5135392	9.477347	1.082336	2.707565

#1	.0036502	64.85722	1.932055	.0600992	.1437064	.0244039
#2	.0032635	64.80133	1.949763	.0584963	.1467166	.0256217
#3	.0038586	64.81161	1.933031	.0694956	.1460125	.0245172

Elem	Sr4077
Units	ppm
Avg	.7983242
Stddev	.0017304
%RSD	.2167514

#1	.7973196
#2	.7973307
#3	.8003222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	793.9717	35561.51	6091.797	880.5550	1256.247
Stddev	1.5782	106.16	10.718	13.1815	.907
%RSD	.1987725	.2985150	.1759416	1.496952	.0721858

#1	792.5760	35622.13	6096.274	886.4431	1257.200
#2	793.6549	35623.48	6079.566	889.7661	1255.395
#3	795.6843	35438.94	6099.551	865.4557	1256.145

Sample Name: M4483-16 Acquired: 11/16/2021 16:54:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB828 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1538082	-.007784	10.32173	-.015067	.0087445	100.6961
Stddev	.0089017	.004769	.01250	.001565	.0012487	.1873
%RSD	5.787525	61.26346	.1211428	10.38665	14.28026	.1860220

#1	.1599359	-.002325	10.31829	-.013329	.0074235	100.6384
#2	.1435974	-.009891	10.31130	-.015505	.0099056	100.5444
#3	.1578912	-.011137	10.33559	-.016366	.0089043	100.9054

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.38560	.0104549	.0197644	403.1472	.1545550	.1338614
Stddev	.19734	.0000618	.0003648	1.0502	.0015459	.0005455
%RSD	.7479007	.5909335	1.845757	.2604953	1.000215	.4074886

#1	26.42247	.0104606	.0201069	403.6083	.1544521	.1342768
#2	26.17243	.0105136	.0193808	401.9454	.1530631	.1332437
#3	26.56190	.0103905	.0198054	403.8880	.1561497	.1340638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2818363	234.2956	8.559805	222.1252	.2046196	-.009681
Stddev	.0058511	.5907	.025185	1.0428	.0017869	.000188
%RSD	2.076066	.2521094	.2942251	.4694671	.8732957	1.945922

#1	.2779171	234.4968	8.568742	222.1495	.2066753	-.009818
#2	.2790298	233.6306	8.531370	221.0705	.2034382	-.009759
#3	.2885620	234.7593	8.579303	223.1557	.2037452	-.009466

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.395354	.3743343	4.687755	5.717324	3.399978	-.089232
Stddev	.095984	.0041869	.011922	.026513	.013627	.003993
%RSD	6.878800	1.118482	.2543260	.4637383	.4008085	4.474487

#1	1.339190	.3699013	4.694758	5.745859	3.411576	-.086953
#2	1.340688	.3748802	4.694518	5.693449	3.384969	-.086900
#3	1.506182	.3782215	4.673989	5.712666	3.403388	-.093842

Sample Name: M4483-16 Acquired: 11/16/2021 16:54:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB828 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086984	17.91434	13.01112	.0149934	.6394535	.0653985
Stddev	.0005633	.00738	.02416	.0005536	.0021832	.0010539
%RSD	6.475717	.0412221	.1856721	3.692156	.3414208	1.611427

#1	.0084495	17.90739	12.99637	.0155496	.6419731	.0659478
#2	.0093433	17.91354	12.99800	.0149882	.6381233	.0641835
#3	.0083025	17.92209	13.03900	.0144425	.6382640	.0660642

Elem	Sr4077
Units	ppm
Avg	.0490588
Stddev	.0009908
%RSD	2.019628

#1	.0486363
#2	.0501908
#3	.0483493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1018.750	43886.26	7420.640	1117.231	1495.885
Stddev	1.001	45.11	17.363	.954	2.874
%RSD	.0982613	.1027883	.2339837	.0854236	.1921351

#1	1019.517	43846.74	7427.330	1117.710	1496.231
#2	1019.116	43935.41	7433.662	1117.851	1498.571
#3	1017.618	43876.64	7400.927	1116.132	1492.854

Sample Name: M4483-17 Acquired: 11/16/2021 16:58:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB829 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1243980	.0030973	5.799780	.0002337	.0095153	67.32359
Stddev	.0152008	.0046099	.005389	.0063944	.0049624	.12906
%RSD	12.21951	148.8389	.0929207	2736.331	52.15129	.1916962

#1	.1280081	.0015287	5.805097	.0076164	.0083128	67.39055
#2	.1077171	.0082868	5.794321	-.003360	.0149684	67.40540
#3	.1374688	-.000524	5.799921	-.003556	.0052647	67.17481

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.45806	.0074552	.0496603	F 1127.060	.0966041	.0861164
Stddev	.31661	.0001114	.0004393	3.587	.0006268	.0003770
%RSD	1.112556	1.494551	.8845471	.3182582	.6488466	.4378130

#1	28.74594	.0075103	.0501530	1122.990	.0959901	.0862057
#2	28.11896	.0073270	.0493097	1128.430	.0972430	.0857027
#3	28.50926	.0075283	.0495180	1129.760	.0965792	.0864408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3112892	148.7689	6.822999	634.9159	.1422583	-.003313
Stddev	.0020397	.4035	.037356	2.3012	.0011094	.000390
%RSD	.6552486	.2712237	.5475049	.3624397	.7798572	11.76131

#1	.3114418	149.2318	6.866116	637.5686	.1433977	-.003601
#2	.3091775	148.5834	6.802511	633.7221	.1411815	-.003470
#3	.3132483	148.4916	6.800369	633.4569	.1421958	-.002870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.253090	.2727250	6.983066	4.415521	5.786682	-.024947
Stddev	.173921	.0010874	.082722	.017605	.043046	.001762
%RSD	7.719241	.3987079	1.184605	.3987059	.7438880	7.062598

#1	2.192050	.2727731	6.976840	4.435707	5.771411	-.026572
#2	2.117918	.2716143	7.068725	4.403348	5.753353	-.023074
#3	2.449304	.2737875	6.903634	4.407508	5.835282	-.025195

Sample Name: M4483-17 Acquired: 11/16/2021 16:58:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB829 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072945	20.75250	12.47039	.0357813	.4373936	.0546093
Stddev	.0006950	.06591	.10471	.0005604	.0014042	.0001480
%RSD	9.528204	.3175765	.8396670	1.566291	.3210394	.2710141

#1	.0072726	20.71465	12.50314	.0358369	.4369938	.0544385
#2	.0066107	20.71425	12.35322	.0363119	.4362326	.0546899
#3	.0080003	20.82860	12.55481	.0351952	.4389543	.0546995

Elem	Sr4077
Units	ppm
Avg	.5148851
Stddev	.0015217
%RSD	.2955379

#1	.5164567
#2	.5134188
#3	.5147799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	906.2591	39755.14	6814.399	997.5033	1349.693
Stddev	.3316	182.87	45.034	8.0405	1.095
%RSD	.0365883	.4600019	.6608654	.8060617	.0811309

#1	906.1882	39558.23	6778.183	993.5968	1348.696
#2	905.9687	39787.57	6864.823	992.1625	1349.517
#3	906.6204	39919.64	6800.190	1006.751	1350.865

Sample Name: M4488-11 Acquired: 11/16/2021 17:02:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB800 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567943	-.011784	1.756875	-.007390	.0057103	60.56087	1.338092
Stddev	.0051599	.001370	.004288	.005803	.0004405	.10172	.001300
%RSD	9.085270	11.62680	.2440721	78.53254	7.714858	.1679709	.0971708

#1	.0519540	-.011508	1.752183	-.004875	.0061041	60.67687	1.336980
#2	.0562055	-.010573	1.757851	-.014027	.0057923	60.51888	1.339522
#3	.0622233	-.013271	1.760591	-.003268	.0052346	60.48686	1.337775

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054575	.0064220	157.9171	.1153689	.0920449	.1155983	136.7958
Stddev	.0000356	.0001205	.3236	.0000406	.0005228	.0011671	.4155
%RSD	.6516448	1.875940	.2049470	.0352371	.5680091	1.009575	.3037095

#1	.0054681	.0063534	157.9346	.1154157	.0922420	.1155916	137.1453
#2	.0054866	.0063516	157.5851	.1153429	.0924405	.1144345	136.3365
#3	.0054179	.0065611	158.2317	.1153480	.0914522	.1167686	136.9058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.860642	81.65948	.0846597	-.005118	.4792930	.2204785	.6306842
Stddev	.029806	.23289	.0008855	.000218	.1770292	.0018911	.0040803
%RSD	.3022694	.2851989	1.045927	4.259198	36.93549	.8577073	.6469696

#1	9.881422	81.80146	.0841703	-.005336	.4879472	.2201423	.6347281
#2	9.826492	81.39070	.0841268	-.004900	.6518365	.2225150	.6265684
#3	9.874011	81.78628	.0856818	-.005119	.2980954	.2187780	.6307562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.537540	3.268133	-.049221	.0045249	10.30615	10.17029	.0096316
Stddev	.032185	.019969	.003201	.0005429	.01693	.01890	.0027359
%RSD	.7092943	.6110178	6.502683	11.99852	.1642313	.1858781	28.40487

#1	4.528233	3.247270	-.051443	.0051423	10.29902	10.19056	.0083918
#2	4.511034	3.287067	-.050667	.0043102	10.29396	10.15313	.0127679
#3	4.573352	3.270063	-.045552	.0041221	10.32548	10.16717	.0077352

Sample Name: M4488-11 Acquired: 11/16/2021 17:02:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB800 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6286096	.0380557	-.008076
Stddev	.0004396	.0008048	.000551
%RSD	.0699311	2.114750	6.817776

#1	.6282513	.0371434	-.008108
#2	.6284773	.0383586	-.007510
#3	.6291001	.0386650	-.008610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	987.5310	41785.91	6993.411	1078.441	1607.218
Stddev	1.9064	77.37	3.547	3.281	3.826
%RSD	.1930444	.1851514	.0507257	.3042297	.2380637

#1	987.0723	41874.97	6997.155	1082.220	1602.832
#2	989.6248	41735.35	6992.978	1076.777	1608.946
#3	985.8958	41747.41	6990.100	1076.325	1609.874

Sample Name: M4488-12 Acquired: 11/16/2021 17:06:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB801 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782073	-.004690	16.61329	-.011676	.0129695	56.17887	11.02988
Stddev	.0146107	.009916	.03675	.004702	.0018195	.09601	.03954
%RSD	18.68196	211.4237	.2212290	40.27226	14.02874	.1709069	.3585003

#1	.0623004	-.003616	16.58294	-.015144	.0121530	56.23170	11.03712
#2	.0910290	-.015098	16.60279	-.013560	.0150541	56.06804	10.98722
#3	.0812926	.004645	16.65416	-.006324	.0117013	56.23687	11.06530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087808	.0721649	602.1977	.1455611	.1937904	.6575374	221.5027
Stddev	.0002619	.0004844	1.6199	.0007586	.0005780	.0023121	.4214
%RSD	2.982380	.6711802	.2690062	.5211307	.2982703	.3516322	.1902358

#1	.0084805	.0726600	601.4264	.1458706	.1938577	.6562652	221.4984
#2	.0089001	.0716920	601.1076	.1461159	.1931816	.6561407	221.0835
#3	.0089618	.0721427	604.0592	.1446967	.1943318	.6602062	221.9263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.45798	284.1915	.2422727	-.005096	1.073263	.2717336	5.118309
Stddev	.06720	.8086	.0010264	.000513	.315039	.0018071	.057087
%RSD	.3131860	.2845129	.4236635	10.06130	29.35341	.6650210	1.115355

#1	21.40471	283.9187	.2432284	-.005300	.747440	.2706678	5.169815
#2	21.43575	283.5546	.2424018	-.005475	1.096070	.2738201	5.056928
#3	21.53348	285.1012	.2411878	-.004513	1.376280	.2707129	5.128183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.926339	16.42634	-.038363	.0102523	27.40076	7.999348	.1317070
Stddev	.044247	.08861	.000786	.0003378	.06370	.067972	.0024066
%RSD	.5582272	.5394353	2.049687	3.294876	.2324761	.8497131	1.827217

#1	7.878819	16.36858	-.038415	.0106184	27.36891	7.921556	.1297456
#2	7.933846	16.38207	-.039122	.0099527	27.35927	8.029220	.1309829
#3	7.966352	16.52836	-.037552	.0101858	27.47410	8.047268	.1343925

Sample Name: M4488-12 Acquired: 11/16/2021 17:06:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB801 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6913762	.0461855	.1267807
Stddev	.0010192	.0019294	.0006019
%RSD	.1474110	4.177395	.4747449

#1	.6925117	.0481579	.1267974
#2	.6910761	.0443023	.1273741
#3	.6905408	.0460961	.1261707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	986.9263	42871.05	7243.593	1081.225	1459.913
Stddev	2.5115	88.41	60.365	7.060	1.512
%RSD	.2544749	.2062176	.8333638	.6529958	.1035748

#1	987.5588	42952.47	7312.996	1075.894	1459.825
#2	989.0610	42883.66	7214.494	1089.232	1461.468
#3	984.1590	42777.01	7203.289	1078.549	1458.447

Sample Name: M4488-13 Acquired: 11/16/2021 17:10:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737654	-.006119	3.443880	-.011632	.0060346	63.13179	1.672655
Stddev	.0031650	.003299	.008135	.005228	.0024229	.06194	.004522
%RSD	4.290565	53.91629	.2362280	44.94632	40.15095	.0981160	.2703695

#1	.0701888	-.003297	3.449917	-.005875	.0071774	63.13303	1.675611
#2	.0749031	-.009747	3.434629	-.016085	.0076748	63.19311	1.674904
#3	.0762042	-.005314	3.447096	-.012936	.0032516	63.06924	1.667449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083541	.0486107	82.90380	.1489880	.1378410	.1602080	169.9224
Stddev	.0002088	.0000480	.27701	.0009706	.0005362	.0027339	.6401
%RSD	2.499661	.0987134	.3341339	.6514964	.3889760	1.706463	.3767156

#1	.0085883	.0486526	83.08569	.1489013	.1377371	.1608588	170.3406
#2	.0081873	.0486212	83.04073	.1499991	.1373644	.1625578	170.2410
#3	.0082867	.0485583	82.58500	.1480636	.1384215	.1572075	169.1855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59786	35.95731	.1627189	-.004284	.4202858	.3071978	2.307829
Stddev	.04545	.15605	.0007405	.000118	.0768389	.0030409	.007724
%RSD	.3607763	.4339777	.4550928	2.759934	18.28252	.9898901	.3346824

#1	12.62254	35.93964	.1630667	-.004158	.3399559	.3075211	2.316717
#2	12.62564	36.12144	.1618685	-.004303	.4278234	.3040081	2.302749
#3	12.54541	35.81085	.1632216	-.004392	.4930780	.3100641	2.304020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.968054	4.020453	-.066095	.0025808	12.22554	10.12816	.0058334
Stddev	.008586	.008568	.001816	.0001490	.02154	.03793	.0025592
%RSD	.1728220	.2131055	2.748003	5.772330	.1761950	.3745421	43.87045

#1	4.977849	4.018450	-.066304	.0024731	12.25041	10.14925	.0030282
#2	4.964483	4.013064	-.067798	.0025185	12.21345	10.15087	.0064316
#3	4.961829	4.029845	-.064183	.0027508	12.21276	10.08437	.0080405

Sample Name: M4488-13 Acquired: 11/16/2021 17:10:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB802 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5897044	.0295497	-.096861
Stddev	.0017422	.0009232	.000648
%RSD	.2954276	3.124187	.6690845

#1	.5917125	.0295773	-.097418
#2	.5888033	.0286131	-.097014
#3	.5885973	.0304588	-.096150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1067.243	44865.36	7377.430	1164.387	1645.607
Stddev	.482	119.44	44.642	4.174	1.104
%RSD	.0451604	.2662282	.6051172	.3584763	.0670752

#1	1067.761	44744.61	7342.660	1159.651	1644.590
#2	1066.808	44868.03	7361.856	1165.978	1645.449
#3	1067.159	44983.45	7427.772	1167.532	1646.781

Sample Name: M4483-18 Acquired: 11/16/2021 17:23:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB830 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043406	-.020551	.1175594	.1490681	-.000070	1.991967	2.656988
Stddev	.0065120	.003775	.0007672	.0021033	.002999	.014727	.005492
%RSD	6.241107	18.36697	.6525750	1.410977	4283.995	.7393071	.2066831

#1	.1049414	-.017313	.1184405	.1467568	.002905	1.997774	2.659995
#2	.0975489	-.024697	.1170399	.1495777	-.000023	1.975222	2.660320
#3	.1105313	-.019644	.1171977	.1508699	-.003092	2.002906	2.650650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859010	.0079563	2.278716	.3186994	.0023298	.4790705	4.040813
Stddev	.0002125	.0000658	.015436	.0008002	.0003994	.0015301	.018647
%RSD	.2473515	.8274673	.6774165	.2510715	17.14466	.3193929	.4614765

#1	.0860556	.0080127	2.292454	.3177765	.0026897	.4773739	4.061121
#2	.0859888	.0078840	2.281683	.3191993	.0019001	.4794919	4.024462
#3	.0856587	.0079724	2.262012	.3191225	.0023996	.4803458	4.036855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6059658	.8079620	.7268693	.3710372	-.033288	.8263126	.0193881
Stddev	.0009484	.0173123	.0009638	.0010584	.173190	.0034547	.0018240
%RSD	.1565022	2.142709	.1325902	.2852428	520.2791	.4180879	9.408018

#1	.6069935	.8212356	.7278772	.3718251	-.198046	.8232919	.0174770
#2	.6051245	.8142701	.7259568	.3714522	.147253	.8255663	.0211104
#3	.6057792	.7883802	.7267737	.3698342	-.049071	.8300794	.0195767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092724	.0277062	.0109451	-.000259	4.923326	.6580845	.0004880
Stddev	.026198	.0041717	.0011840	.000332	.020118	.0280514	.0005953
%RSD	28.25343	15.05691	10.81787	128.2329	.4086273	4.262584	121.9970

#1	-.121972	.0325204	.0120133	-.000639	4.937364	.6893004	-.000096
#2	-.071411	.0251566	.0096720	-.000030	4.932336	.6349895	.001094
#3	-.084790	.0254415	.0111501	-.000106	4.900278	.6499635	.000466

Sample Name: M4483-18 Acquired: 11/16/2021 17:23:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB830 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0169475	-.001120	.0150154
Stddev	.0020735	.001253	.0000867
%RSD	12.23501	111.8690	.5775398

#1	.0191419	-.002077	.0149356
#2	.0166798	.000298	.0151077
#3	.0150208	-.001581	.0150028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.4387	40714.65	6550.867	1070.552	1721.963
Stddev	1.9493	86.77	17.068	2.608	3.023
%RSD	.1986185	.2131061	.2605456	.2435731	.1755476

#1	979.1880	40782.47	6540.437	1072.568	1719.619
#2	982.5394	40616.88	6541.600	1071.482	1725.375
#3	982.5886	40744.61	6570.564	1067.607	1720.897

Sample Name: M4488-17 Acquired: 11/16/2021 17:27:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB804 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4881875	-.013901	.1659682	.0921787	.3329339	16.98694	.0135250
Stddev	.0054042	.006098	.0008160	.0023743	.0023144	.05919	.0006269
%RSD	1.107001	43.87027	.4916617	2.575712	.6951443	.3484302	4.635441

#1	.4838269	-.017195	.1660917	.0897469	.3342529	16.96621	.0129394
#2	.4865020	-.006864	.1667154	.0944909	.3342871	17.05370	.0134493
#3	.4942336	-.017644	.1650974	.0922982	.3302615	16.94090	.0141864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2167788	.0388960	27.07683	.0123904	1.302951	.0096254	30.48887
Stddev	.0007702	.0001685	.05681	.0002381	.001209	.0013384	.07153
%RSD	.3553072	.4332519	.2098217	1.921937	.0927750	13.90442	.2346036

#1	.2161567	.0390813	27.01234	.0126615	1.303334	.0104136	30.52760
#2	.2176403	.0388547	27.09865	.0122148	1.303922	.0080801	30.53269
#3	.2165395	.0387520	27.11949	.0122950	1.301597	.0103825	30.40633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1348241	33.48376	1.060352	.0000913	27.77752	.5930166	.0265564
Stddev	.0005496	.20248	.002667	.0001214	.16218	.0040360	.0015948
%RSD	.4076248	.6047178	.2514912	133.0019	.5838457	.6805793	6.005403

#1	.1354226	33.32279	1.059452	.0002205	27.80968	.5961012	.0273851
#2	.1343422	33.71110	1.063352	.0000738	27.92121	.5884489	.0275663
#3	.1347073	33.41740	1.058251	-.000020	27.60167	.5944996	.0247179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.337781	.0260113	-.001601	-.000617	4.886116	.9219107	.0070832
Stddev	.056763	.0022118	.001264	.000604	.020776	.0120121	.0014766
%RSD	16.80461	8.503106	78.99614	97.89177	.4251952	1.302959	20.84682

#1	-.297753	.0237539	-.000629	-.000388	4.881553	.9350960	.0054320
#2	-.312846	.0261054	-.001143	-.000161	4.868001	.9115894	.0082770
#3	-.402743	.0281745	-.003030	-.001302	4.908793	.9190468	.0075406

Sample Name: M4488-17 Acquired: 11/16/2021 17:27:12 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB804 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0189303	-.002182	-.004580
Stddev	.0030768	.000336	.000073
%RSD	16.25329	15.41976	1.596904

#1	.0160430	-.001806	-.004497
#2	.0221668	-.002286	-.004607
#3	.0185812	-.002455	-.004636

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	966.7919	40248.35	6482.393	1054.383	1687.601
Stddev	.6668	60.64	8.938	9.530	2.452
%RSD	.0689718	.1506764	.1378869	.9038223	.1452942

#1	966.1967	40282.41	6491.470	1057.181	1686.159
#2	966.6666	40284.31	6473.600	1062.200	1686.212
#3	967.5126	40178.33	6482.110	1043.767	1690.432

Sample Name: CCV047 Acquired: 11/16/2021 17:39:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917481	4.849459	24.43994	4.648708	4.877251	411.5230
Stddev	.003881	.012125	.01201	.016465	.015092	.8614
%RSD	.0789245	.2500287	.0491475	.3541944	.3094433	.2093163

#1	4.920112	4.862414	24.43488	4.654797	4.890206	411.0569
#2	4.913024	4.838384	24.43129	4.661261	4.880869	410.9951
#3	4.919307	4.847577	24.45365	4.630065	4.860679	412.5170

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48487	.5088172	2.434046	407.9666	15.03417	2.453686
Stddev	.04906	.0012484	.003611	1.1477	.01104	.002546
%RSD	.4679245	.2453624	.1483463	.2813327	.0734391	.1037783

#1	10.44338	.5100612	2.430053	407.2481	15.04463	2.454434
#2	10.47220	.5075644	2.435003	407.3615	15.03526	2.450850
#3	10.53902	.5088259	2.437082	409.2903	15.02263	2.455776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01742	407.9009	15.18777	404.0202	2.498184	1.261829
Stddev	.03122	1.0774	.04509	1.7423	.001376	.000798
%RSD	.2078715	.2641373	.2968983	.4312514	.0550929	.0632587

#1	15.01755	406.9832	15.14927	402.9177	2.498255	1.261704
#2	14.98614	407.6322	15.17666	403.1140	2.499524	1.262682
#3	15.04857	409.0872	15.23738	406.0289	2.496774	1.261100

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.9075	2.507445	14.70479	152.5117	F 54.03187	4.927919
Stddev	1.1136	.014826	.03106	.3391	.15034	.012452
%RSD	.2763994	.5912743	.2112403	.2223266	.2782464	.2526924

#1	402.2536	2.508653	14.69920	152.7863	54.17227	4.940569
#2	402.2755	2.492052	14.67690	152.1327	54.05011	4.915674
#3	404.1933	2.521630	14.73827	152.6161	53.87325	4.927513

Sample Name: CCV047 Acquired: 11/16/2021 17:39:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833894	F 51.18207	5.069968	4.960906	5.000037	5.134646
Stddev	.009502	.03176	.023317	.014994	.014034	.017142
%RSD	.1965685	.0620614	.4599033	.3022350	.2806734	.3338483
#1	4.838752	51.17917	5.095825	4.957420	4.985551	5.121256
#2	4.839986	51.21518	5.050539	4.947961	5.000989	5.128716
#3	4.822946	51.15185	5.063541	4.977335	5.013571	5.153965

Elem	Sr4077
Units	ppm
Avg	4.664878
Stddev	.061620
%RSD	1.320939
#1	4.672933
#2	4.599627
#3	4.722075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.6781	36439.70	6079.531	902.3700	1360.239
Stddev	2.6591	95.82	25.616	5.5160	2.632
%RSD	.3288228	.2629417	.4213487	.6112793	.1934880
#1	806.1328	36425.72	6050.290	896.1750	1357.351
#2	808.4636	36351.64	6098.011	906.7492	1360.864
#3	811.4380	36541.73	6090.292	904.1858	1362.502

Sample Name: CCB047 Acquired: 11/16/2021 17:43:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000228	-.005739	.0009970	-.003825	.0000163	.0010177	-.000553
Stddev	.006458	.003884	.0015135	.004172	.0006727	.0107306	.000370
%RSD	2837.699	67.67041	151.8048	109.0515	4132.664	1054.381	66.91252

#1	-.003812	-.008038	.0014216	-.001112	-.000076	.0112765	-.000867
#2	-.004098	-.001255	.0022528	-.001735	-.000605	.0019060	-.000649
#3	.007228	-.007925	-.000683	-.008629	.000731	-.010129	-.000145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000036	-.000021	.0039590	.0006084	.0001201	-.001917	.0010054
Stddev	.0000383	.000191	.0060950	.0007088	.0004022	.002105	.0077405
%RSD	1056.250	891.2112	153.9552	116.5007	335.0109	109.7750	769.9144

#1	-.000036	-.000188	-.001210	.0001447	.0001387	-.003476	-.007823
#2	.000041	-.000063	.002407	.0014243	.0005126	-.002752	.004211
#3	.000006	.000187	.010680	.0002562	-.000291	.000477	.006628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003723	-.006122	.0005002	.0007510	-.209592	.0005617	-.000544
Stddev	.0004855	.005195	.0005511	.0003592	.252207	.0004218	.003717
%RSD	130.4129	84.85634	110.1814	47.82920	120.3321	75.10277	683.7833

#1	.0007881	-.008577	.0002165	.0004037	-.273666	.0008418	.002407
#2	.0004901	-.000155	.0011354	.0007283	.068471	.0007668	.000680
#3	-.000161	-.009636	.0001488	.0011210	-.423582	.0000765	-.004718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000939	.0074037	.0087039	.0002176	3.853086	.0008511	-.000600
Stddev	.020931	.0023952	.0007886	.0003768	.050451	.0023843	.002841
%RSD	2230.221	32.35120	9.060300	173.1968	1.309373	280.1283	473.4581

#1	.014117	.0101527	.0078587	.0003251	3.911250	.0034997	.001764
#2	.007908	.0062923	.0094200	-.000201	3.821169	-.001124	.000187
#3	-.024840	.0057661	.0088329	.000529	3.826839	.000178	-.003751

Sample Name: CCB047 Acquired: 11/16/2021 17:43:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v39) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007694	-.000607	.0000594
Stddev	.0001554	.001274	.0001065
%RSD	20.19135	210.0250	179.2022

#1	.0009478	-.001282	.0001740
#2	.0006969	.000863	-.000037
#3	.0006636	-.001400	.000041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	956.0730	39523.95	6393.917	1038.006	1688.234
Stddev	1.4704	198.03	33.641	8.046	2.819
%RSD	.1538005	.5010455	.5261436	.7751090	.1669926

#1	955.0313	39448.32	6406.440	1032.904	1685.062
#2	957.7551	39748.65	6419.500	1047.280	1690.454
#3	955.4327	39374.88	6355.810	1033.832	1689.186