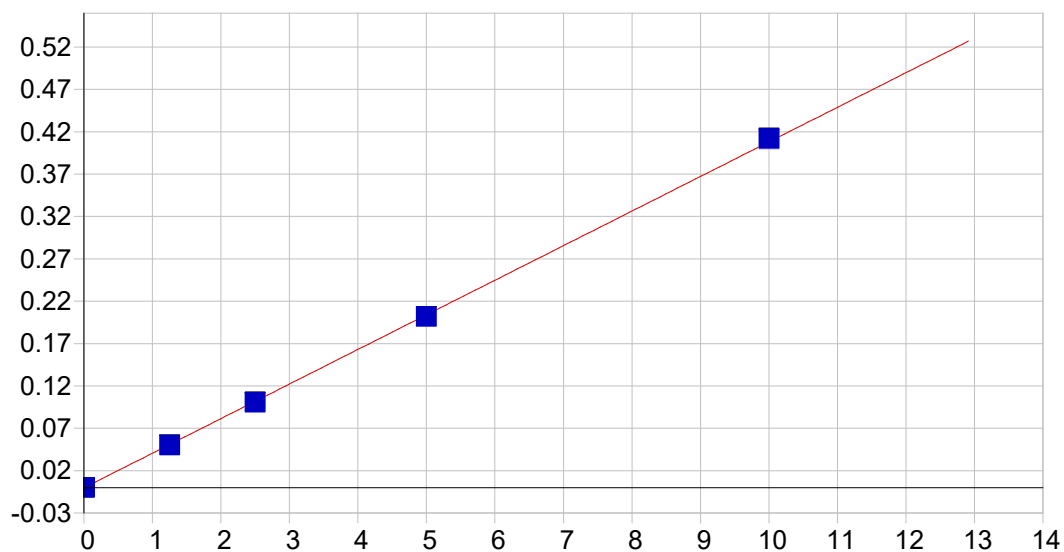


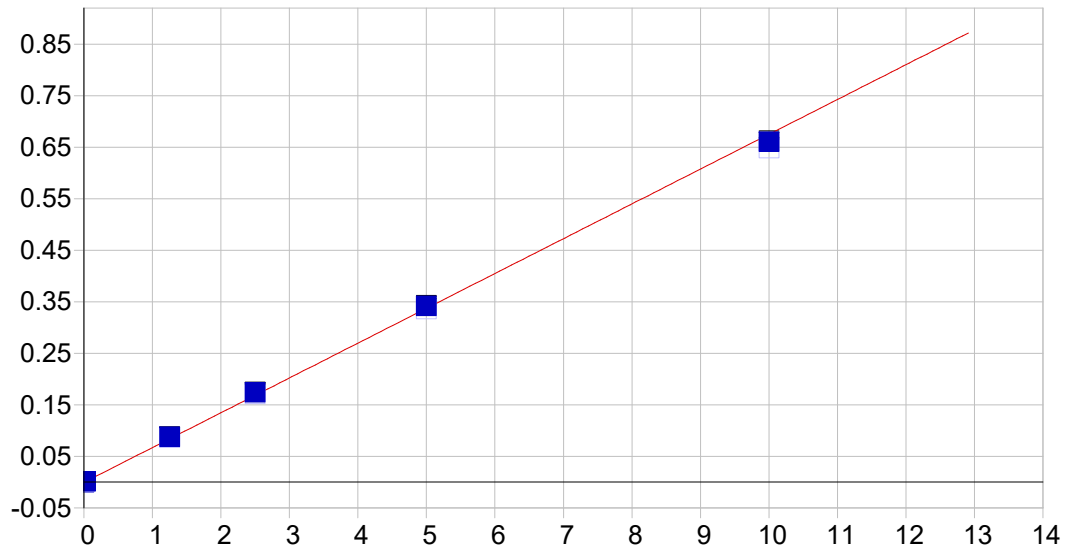


As 189.042 {479}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.040829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002969
 Predicted MQL: 0.009898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00823	-.002	-17.7	.00007	.000	1
S2	1.2500	1.2341	-.016	-1.27	.05000	.000	1
S3	2.5000	2.4730	-.027	-1.08	.10046	.000	1
S4	5.0000	4.9510	-.049	-.980	.20139	.000	1
S5	10.000	10.094	.094	.937	.41088	.001	1

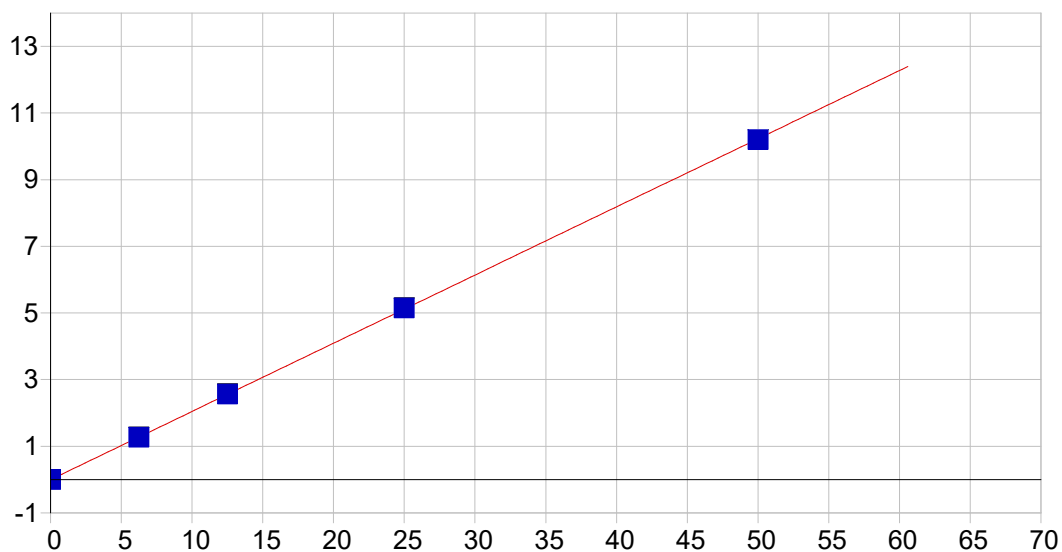


TI 190.856 {477}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000457 Re-Slope: 1.000000
 A1 (Gain): 0.067551 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001959
 Predicted MQL: 0.006531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02500	.02533	.000	1.30	.00118	.000	1
S2	1.2500	1.3055	.055	4.44	.08617	.000	1
S3	2.5000	2.5894	.089	3.58	.17134	.000	1
S4	5.0000	5.0686	.069	1.37	.33570	.001	1
S5	10.000	9.7862	-.214	-2.14	.64815	.001	1

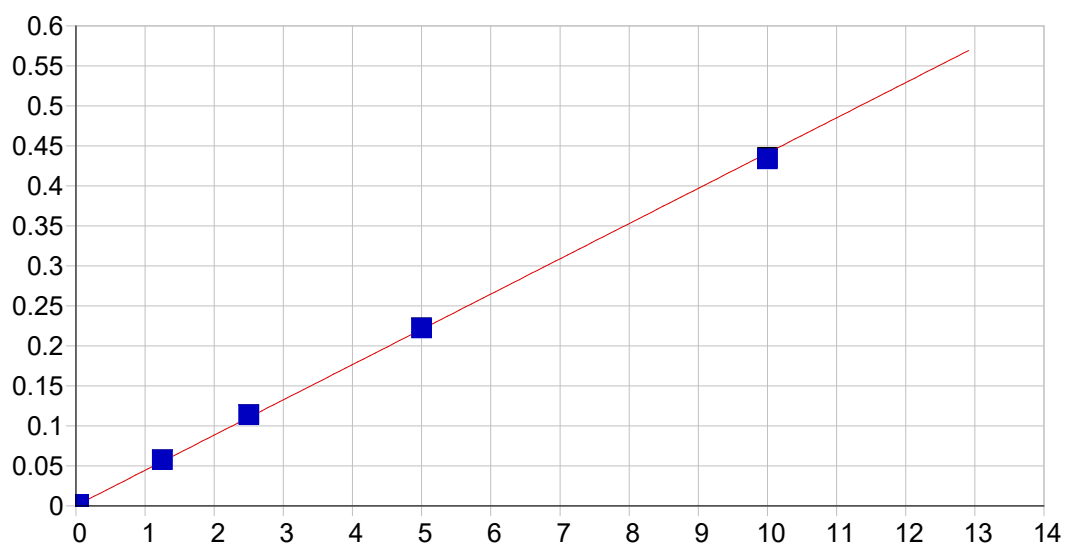


Pb 220.353 {453}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000040	Re-Slope:	1.000000
A1 (Gain):	0.204589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.001520		
Predicted MQL:	0.005068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01168	.002	16.8	.00243	.000	1
S2	6.2500	6.2126	-.037	-.599	1.2713	.000	1
S3	12.500	12.515	.015	.123	2.5611	.008	1
S4	25.000	25.155	.155	.620	5.1475	.009	1
S5	50.000	49.865	-.135	-.269	10.204	.004	1

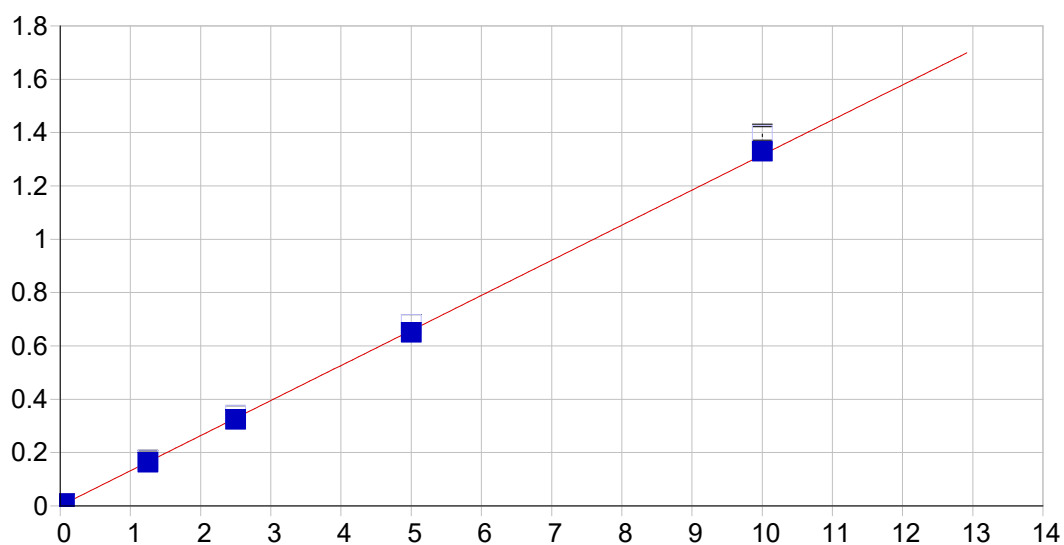


Se 196.090 {472}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000435	Re-Slope:	1.000000
A1 (Gain):	0.044057	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.003294		
Predicted MQL:	0.010980		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.03500	.03437	-.001	-1.79	.00195	.000	1
S2	1.2500	1.3005	.050	4.04	.05758	.000	1
S3	2.5000	2.5745	.075	2.98	.11357	.000	1
S4	5.0000	5.0341	.034	.682	.22164	.000	1
S5	10.000	9.8415	-.158	-1.58	.43286	.001	1

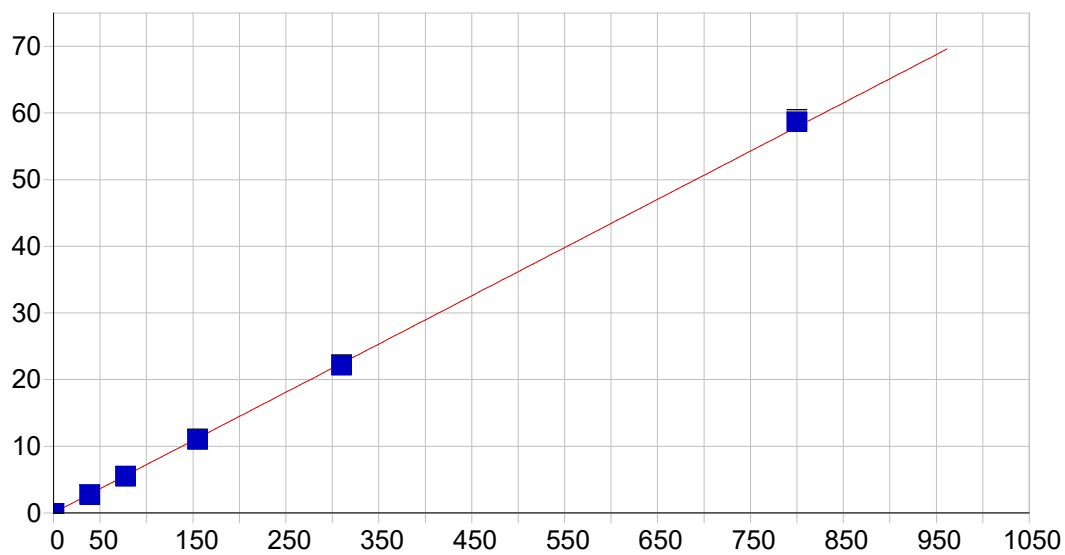


Sb 206.833 {463}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000255 Re-Slope: 1.000000
 A1 (Gain): 0.131527 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.001611
 Predicted MQL: 0.005370

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00026	.000	1
S1	.06000	.06195	.002	3.25	.00841	.000	1
S2	1.2500	1.2428	-.007	-.578	.17128	.000	1
S3	2.5000	2.4611	-.039	-1.55	.33910	.000	1
S4	5.0000	4.9406	-.059	-1.19	.68035	.000	1
S5	10.000	10.104	.104	1.04	1.3897	.005	1

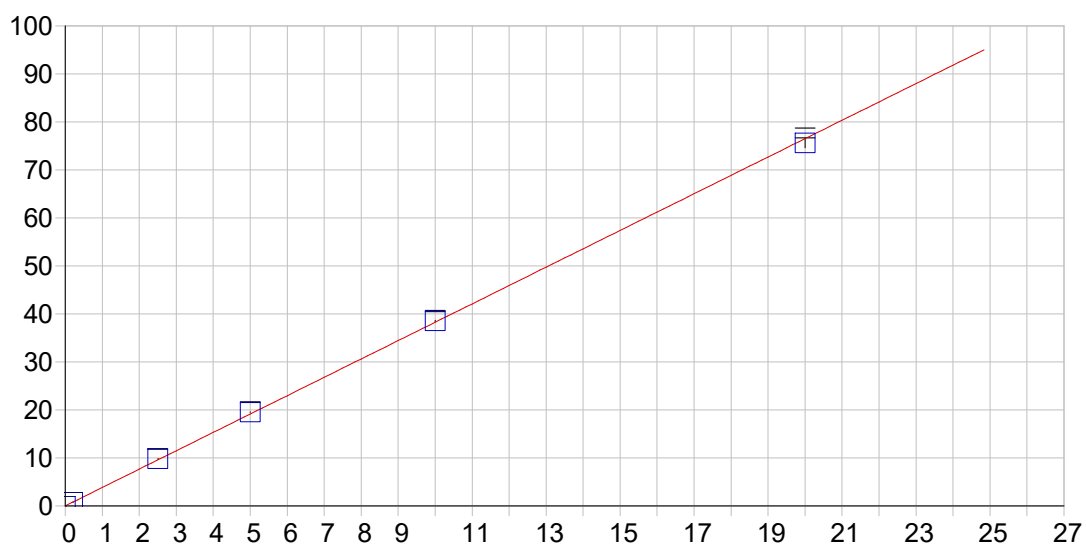


AI 396.152 { 85}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006544	Re-Slope:	1.000000
A1 (Gain):	0.072377	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000725		
Predicted MDL:	0.011696		
Predicted MQL:	0.038987		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00655	.001	1
S1	.20000	.18583	-.014	-7.09	.02024	.000	1
S2	38.750	37.529	-1.22	-3.15	2.7284	.005	1
S3	77.500	75.477	-2.02	-2.61	5.4806	.022	1
S4	155.00	151.58	-3.42	-2.20	11.000	.083	1
S5	310.00	306.06	-3.94	-1.27	22.203	.080	1
S6	800.00	810.63	10.6	1.33	58.714	.310	1

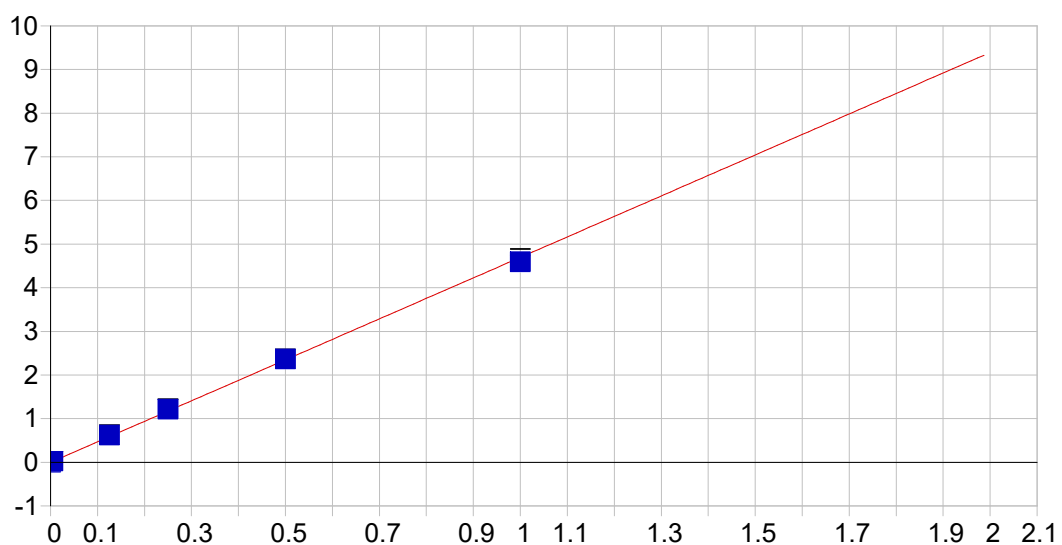


Ba 493.409 { 68}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.015459	Re-Slope:	1.000000
A1 (Gain):	3.824928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.005432		
Predicted MDL:	0.000604		
Predicted MQL:	0.002013		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01541	.001	1
S1	.20000	.20557	.006	2.78	.80173	.004	1
S2	2.5000	2.5566	.057	2.26	9.7943	.007	1
S3	5.0000	5.1036	.104	2.07	19.536	.062	1
S4	10.000	10.067	.067	.668	38.520	.140	1
S5	20.000	19.767	-.233	-1.16	75.625	1.05	1

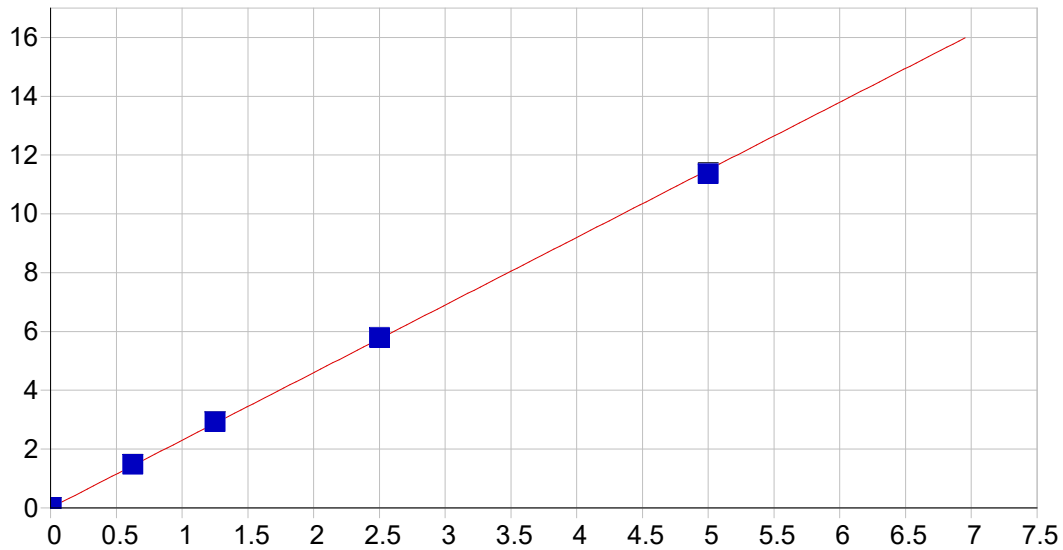


Be 234.861 {144}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001011	Re-Slope:	1.000000
A1 (Gain):	4.695949	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999643	Status:	OK.
Std Error of Est:	0.000470		
Predicted MDL:	0.000075		
Predicted MQL:	0.000250		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00102	.000	1
S1	.00500	.00539	.000	7.70	.02426	.001	1
S2	.12500	.13264	.008	6.11	.61992	.006	1
S3	.25000	.25958	.010	3.83	1.2140	.007	1
S4	.50000	.50353	.004	.706	2.3557	.002	1
S5	1.0000	.97887	-.021	-2.11	4.5801	.076	1

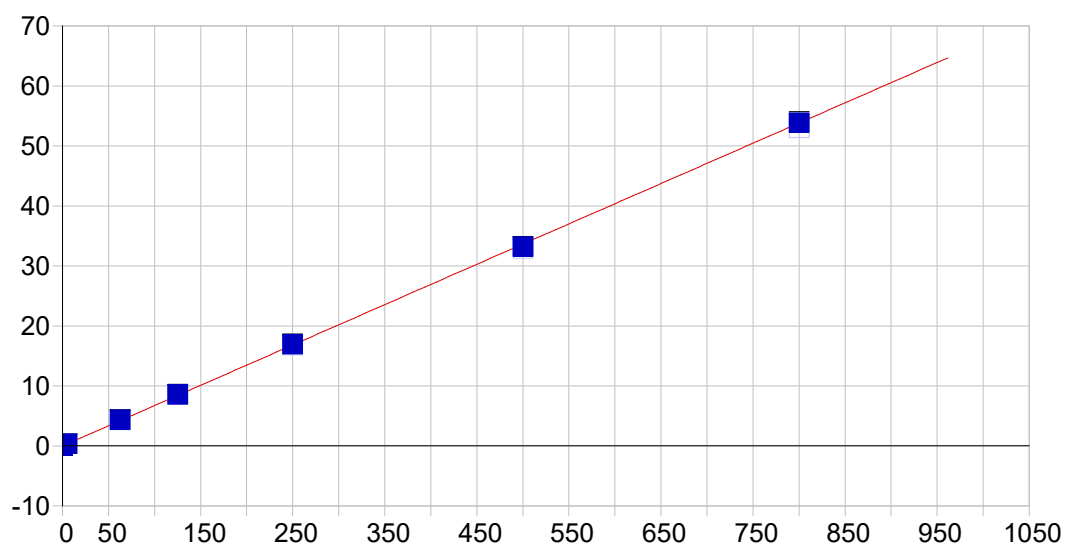


Cd 214.438 {457}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000271	Re-Slope:	1.000000
A1 (Gain):	2.299606	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000259		
Predicted MDL:	0.000084		
Predicted MQL:	0.000281		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.00500	.00514	.000	2.71	.01209	.000	1
S2	.62500	.64232	.017	2.77	1.4796	.002	1
S3	1.2500	1.2733	.023	1.86	2.9328	.004	1
S4	2.5000	2.5168	.017	.672	5.7967	.005	1
S5	5.0000	4.9424	-.058	-1.15	11.384	.021	1

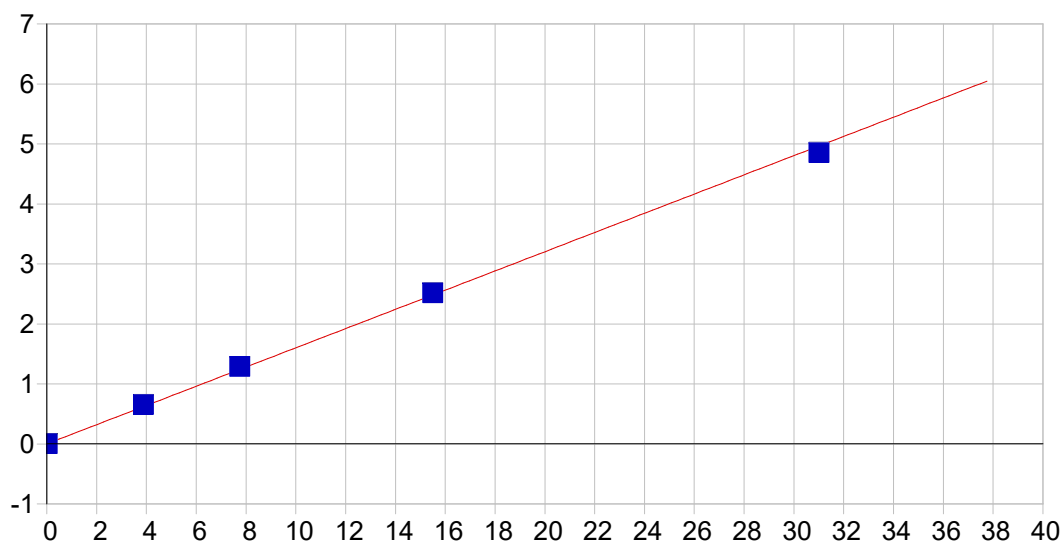


Ca 373.690 { 90}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.067270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.002717
 Predicted MDL: 0.012324
 Predicted MQL: 0.041081

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.000	.000	.00022	.000	1
S1	5.0000	5.2657	.266	5.31	.35437	.001	1
S2	62.500	64.517	2.02	3.23	4.3027	.010	1
S3	125.00	127.54	2.54	2.04	8.5049	.018	1
S4	250.00	251.84	1.84	.737	16.791	.025	1
S5	500.00	493.35	-6.65	-1.33	32.886	.087	1
S6	800.00	799.98	-.019	-.002	53.012	.224	1

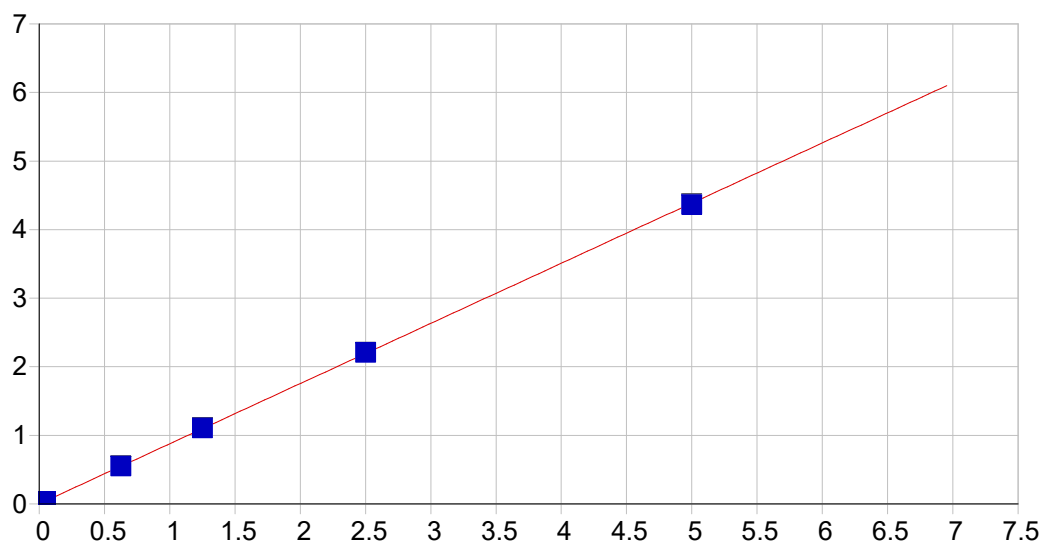


Cr 267.716 {126}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000006 Re-Slope: 1.000000
 A1 (Gain): 0.160154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000518
 Predicted MQL: 0.001727

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01136	.001	13.6	.00182	.000	1
S2	3.8750	4.0873	.212	5.48	.65537	.001	1
S3	7.7500	8.0304	.280	3.62	1.2877	.002	1
S4	15.500	15.706	.206	1.33	2.5185	.004	1
S5	31.000	30.300	-.700	-2.26	4.8588	.002	1

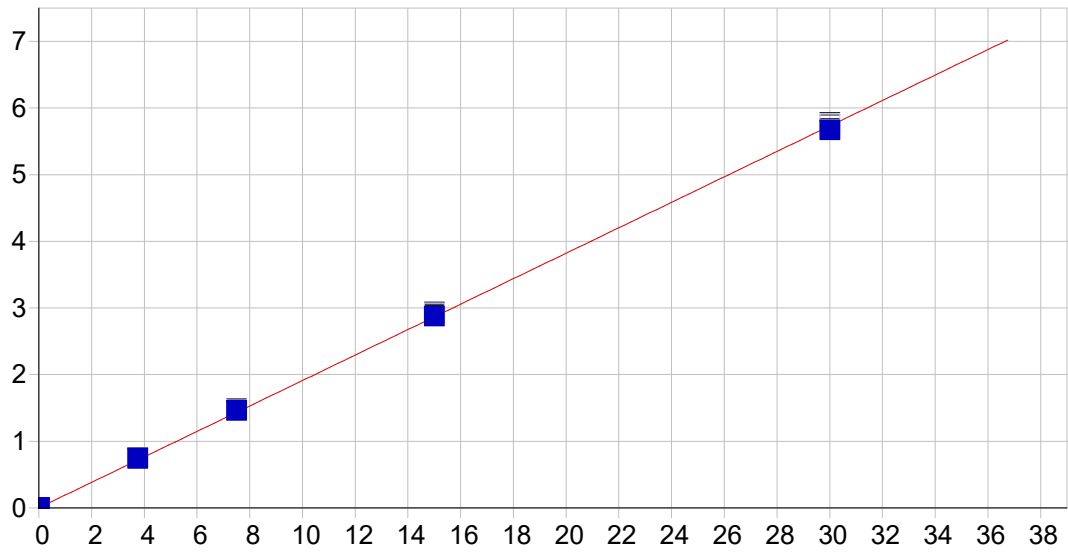


Co 228.616 {448}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000374 Re-Slope: 1.000000
 A1 (Gain): 0.877297 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000245
 Predicted MQL: 0.000817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00037	.000	1
S1	.05000	.04924	-.001	-1.51	.04373	.000	1
S2	.62500	.62738	.002	.381	.55164	.001	1
S3	1.2500	1.2604	.010	.828	1.1078	.001	1
S4	2.5000	2.5145	.014	.579	2.2098	.002	1
S5	5.0000	4.9735	-.026	-.529	4.3706	.008	1

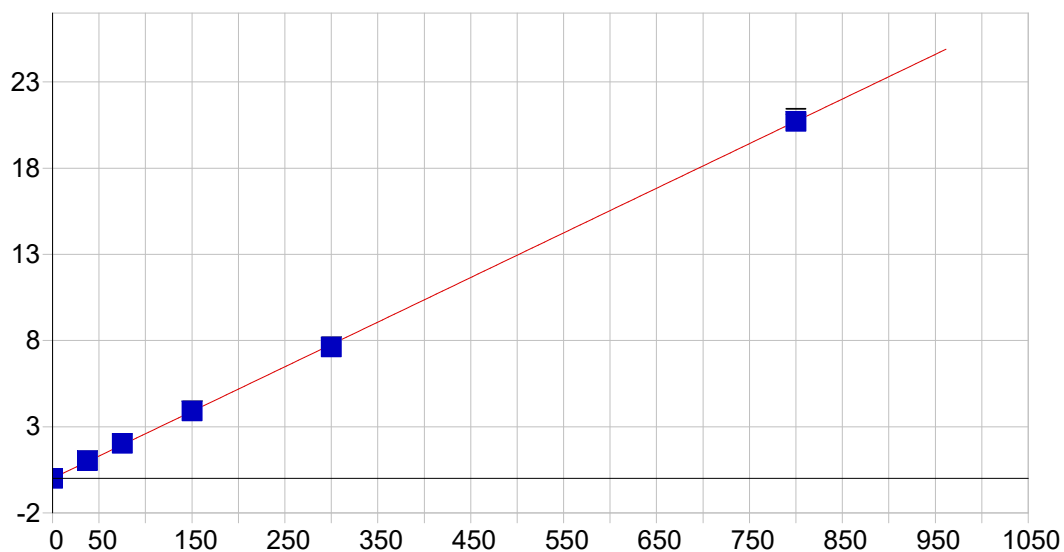


Cu 324.754 {104}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001641 Re-Slope: 1.000000
 A1 (Gain): 0.190984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.002817
 Predicted MQL: 0.009389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00164	.000	1
S1	.02500	.02137	-.004	-14.5	.00668	.000	1
S2	3.7500	3.8643	.114	3.05	.75115	.001	1
S3	7.5000	7.6397	.140	1.86	1.4837	.004	1
S4	15.000	15.060	.060	.400	2.9238	.013	1
S5	30.000	29.690	-.310	-1.03	5.7639	.016	1

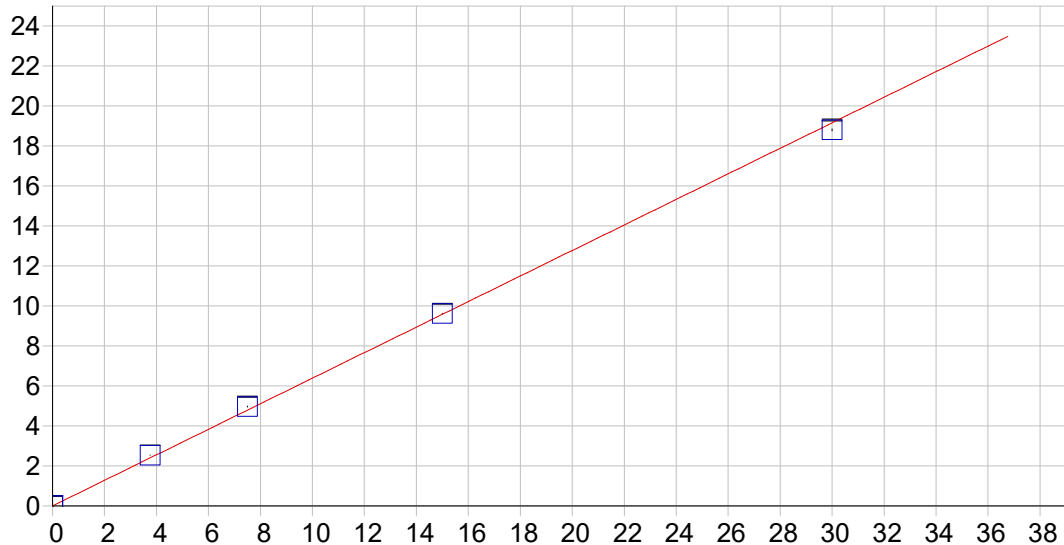


Fe 259.837 {130}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000067	Re-Slope:	1.000000
A1 (Gain):	0.025891	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999859	Status:	OK.
Std Error of Est:	0.000190		
Predicted MDL:	0.009490		
Predicted MQL:	0.031634		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00007	.000	1
S1	.10000	.10842	.008	8.42	.00298	.000	1
S2	37.500	39.888	2.39	6.37	1.0348	.001	1
S3	75.000	78.024	3.02	4.03	2.0243	.008	1
S4	150.00	150.84	.839	.559	3.9136	.010	1
S5	300.00	294.37	-5.63	-1.88	7.6378	.018	1
S6	800.00	799.37	-.627	-.078	20.723	.161	1

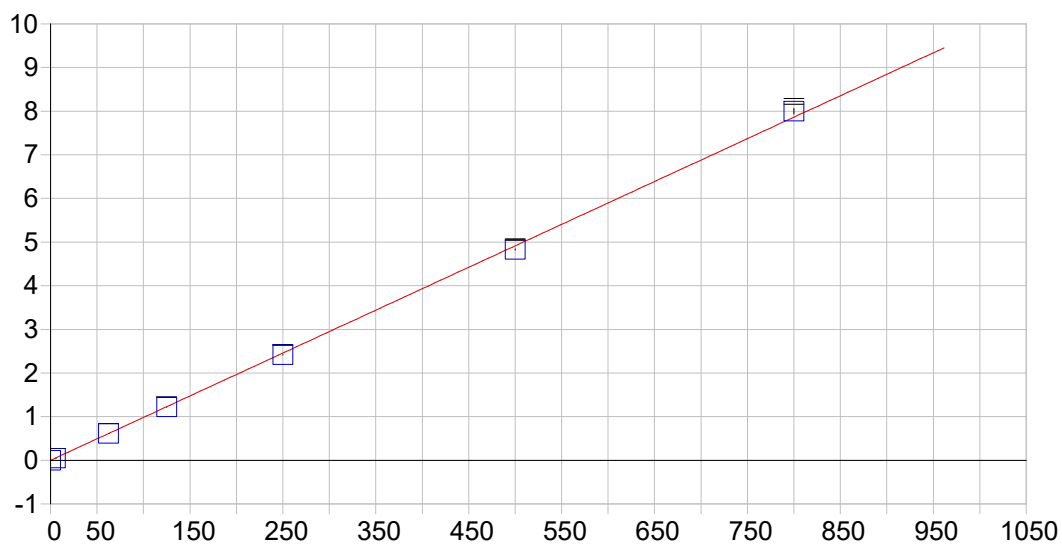


Mn 257.610 {131}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000586 Re-Slope: 1.000000
 A1 (Gain): 0.638739 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000558
 Predicted MDL: 0.000441
 Predicted MQL: 0.001469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.01500	.01628	.001	8.52	.01098	.000	1
S2	3.7500	3.9685	.218	5.83	2.5354	.004	1
S3	7.5000	7.7784	.278	3.71	4.9689	.020	1
S4	15.000	15.064	.064	.427	9.6226	.016	1
S5	30.000	29.438	-.562	-1.87	18.804	.046	1

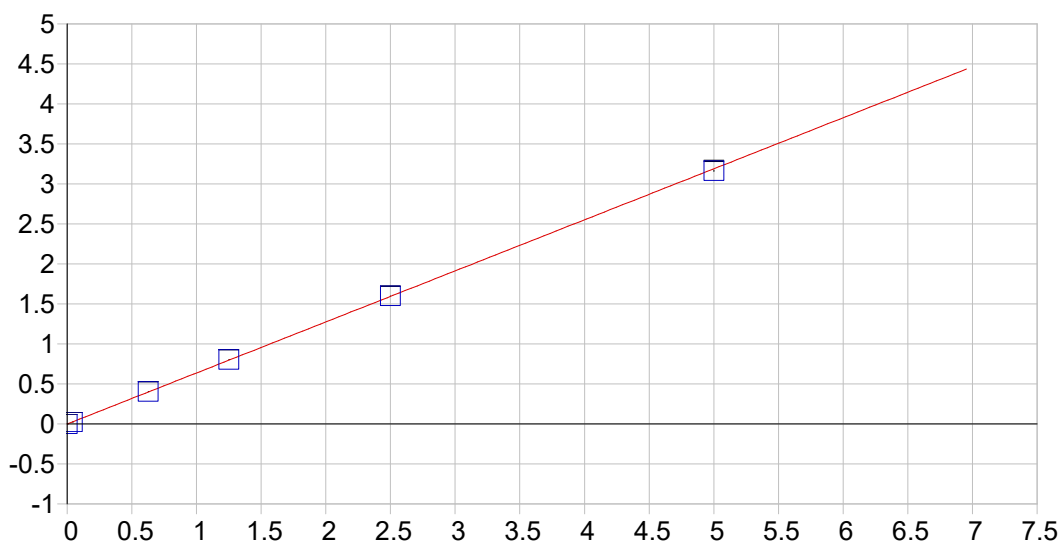


Mg 279.079 {121}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000259 Re-Slope: 1.000000
 A1 (Gain): 0.009829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000550
 Predicted MDL: 0.030397
 Predicted MQL: 0.101324

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00026	.000	1
S1	5.0000	5.0896	.090	1.79	.04977	.000	1
S2	62.500	62.290	-.210	-.336	.61200	.002	1
S3	125.00	124.10	-.897	-.717	1.2196	.003	1
S4	250.00	245.82	-4.18	-1.67	2.4160	.007	1
S5	500.00	491.65	-8.35	-1.67	4.8323	.016	1
S6	800.00	813.54	13.5	1.69	7.9962	.064	1

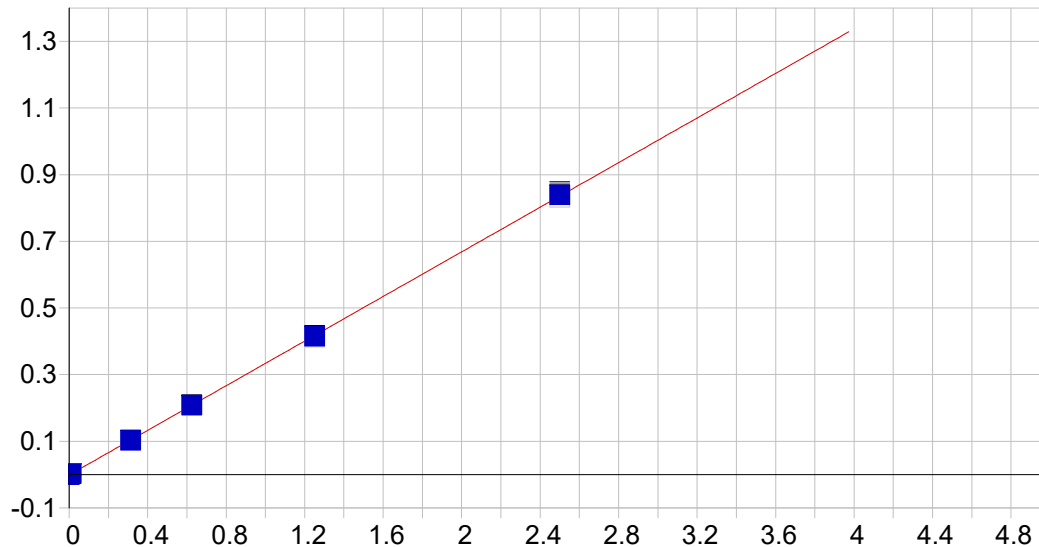


Ni 231.604 {446}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001409	Re-Slope:	1.000000
A1 (Gain):	0.638065	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.000389		
Predicted MQL:	0.001296		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00141	.000	1
S1	.04000	.04216	.002	5.39	.02549	.000	1
S2	.62500	.63757	.013	2.01	.40540	.000	1
S3	1.2500	1.2638	.014	1.10	.80495	.000	1
S4	2.5000	2.5080	.008	.319	1.5988	.002	1
S5	5.0000	4.9636	-.036	-.729	3.1657	.008	1

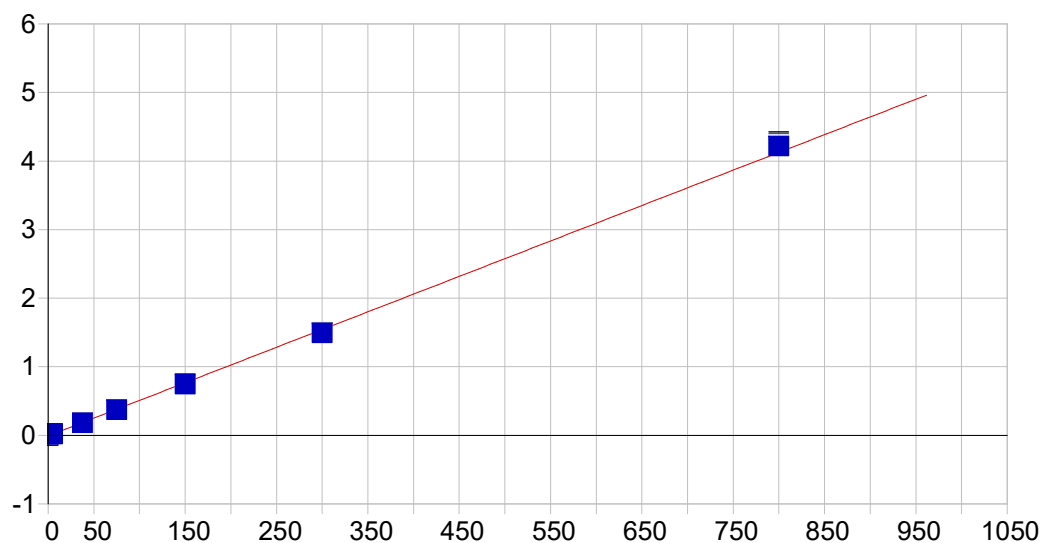


Ag 328.068 {103}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001079	Re-Slope:	1.000000
A1 (Gain):	0.334721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.000446		
Predicted MQL:	0.001487		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00108	.000	1
S1	.01000	.01074	.001	7.43	.00249	.000	1
S2	.31250	.30868	-.004	-1.22	.10135	.001	1
S3	.62500	.62517	.000	.027	.20639	.001	1
S4	1.2500	1.2430	-.007	-.561	.41139	.003	1
S5	2.5000	2.5099	.010	.397	.83188	.010	1

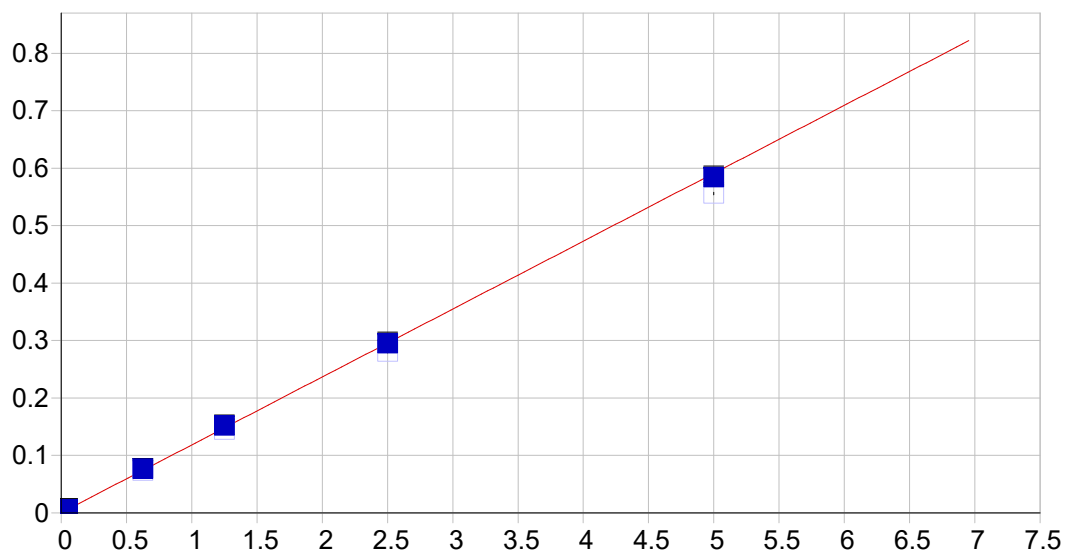


Na 818.326 { 41}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007548	Re-Slope:	1.000000
A1 (Gain):	0.005167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999662	Status:	OK.
Std Error of Est:	0.000417		
Predicted MDL:	0.293955		
Predicted MQL:	0.979850		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	-.00755	.001	1
S1	5.0000	5.1938	.194	3.88	.01929	.001	1
S2	37.500	36.709	-.791	-2.11	.18300	.001	1
S3	75.000	72.999	-2.00	-2.67	.37139	.002	1
S4	150.00	145.27	-4.73	-3.16	.74655	.005	1
S5	300.00	290.03	-9.97	-3.32	1.4981	.004	1
S6	800.00	817.30	17.3	2.16	4.2342	.047	1

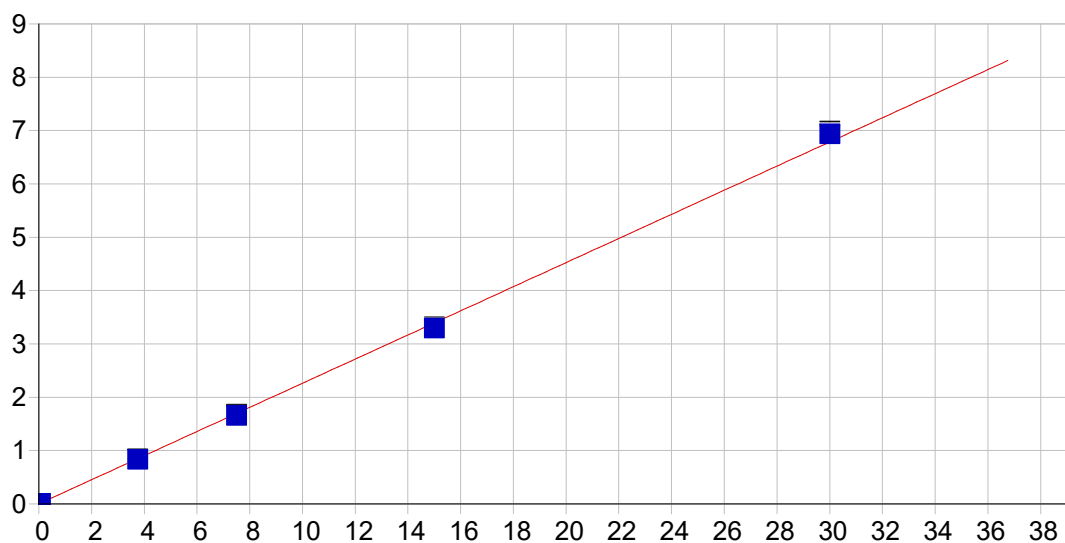


V 292.402 {115}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000250	Re-Slope:	1.000000
A1 (Gain):	0.118180	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999825	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.003270		
Predicted MQL:	0.010900		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.05000	.05389	.004	7.78	.00661	.000	1
S2	.62500	.65038	.025	4.06	.07357	.000	1
S3	1.2500	1.2845	.034	2.76	.14497	.001	1
S4	2.5000	2.4954	-.005	-.185	.28099	.002	1
S5	5.0000	4.9407	-.059	-1.19	.55581	.002	1

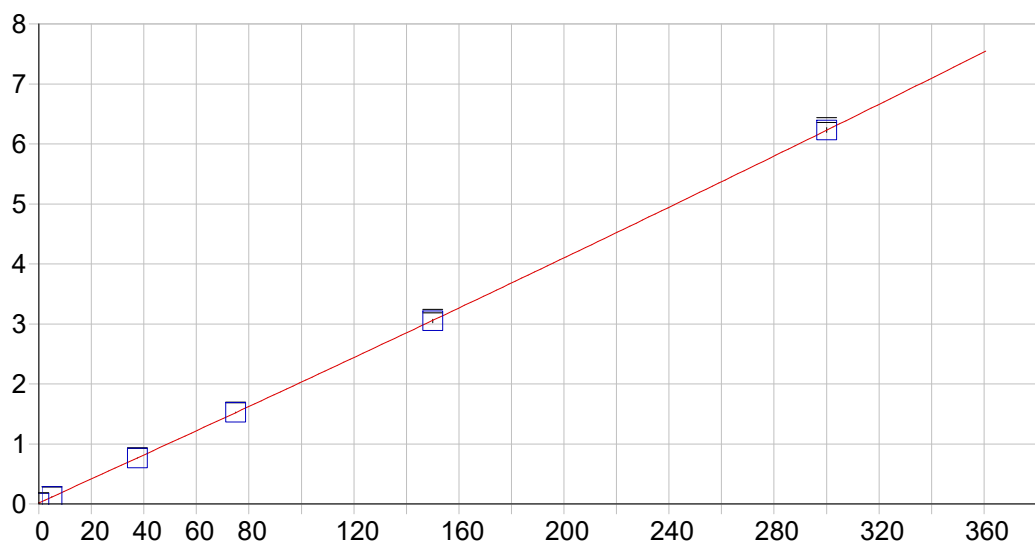


Zn 213.856 {158}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.226197 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702 Status: OK.
 Std Error of Est: 0.000394
 Predicted MDL: 0.002612
 Predicted MQL: 0.008705

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.06000	.06655	.007	10.9	.01573	.000	1
S2	3.7500	3.6824	-.068	-1.80	.83498	.007	1
S3	7.5000	7.3218	-.178	-2.38	1.6596	.022	1
S4	15.000	14.567	-.433	-2.89	3.3013	.015	1
S5	30.000	30.672	.672	2.24	6.9497	.038	1

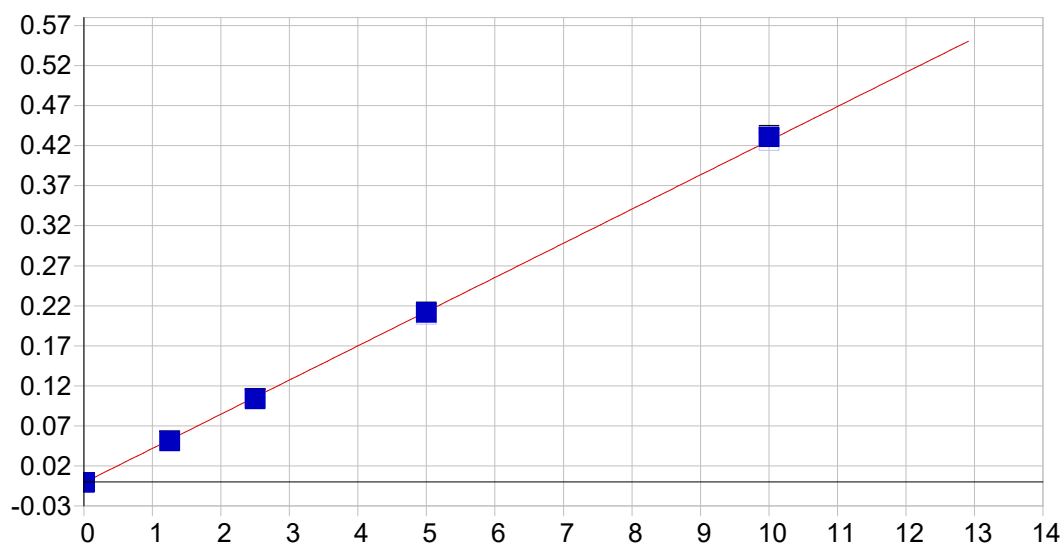


K 769.896 { 44}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.018070	Re-Slope:	1.000000
A1 (Gain):	0.019839	Y-int:	0.000000
A2 (Curvature):	0.000003		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	Warning Positive Curvature
Std Error of Est:	0.000162		
Predicted MDL:	0.089123		
Predicted MQL:	0.297077		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.01807	.002	1
S1	5.0000	5.1477	.148	2.95	.12027	.002	1
S2	37.500	37.460	-.040	-.106	.76526	.004	1
S3	75.000	75.180	.180	.240	1.5258	.006	1
S4	150.00	149.52	-.476	-.318	3.0485	.030	1
S5	300.00	300.19	.189	.063	6.2317	.038	1

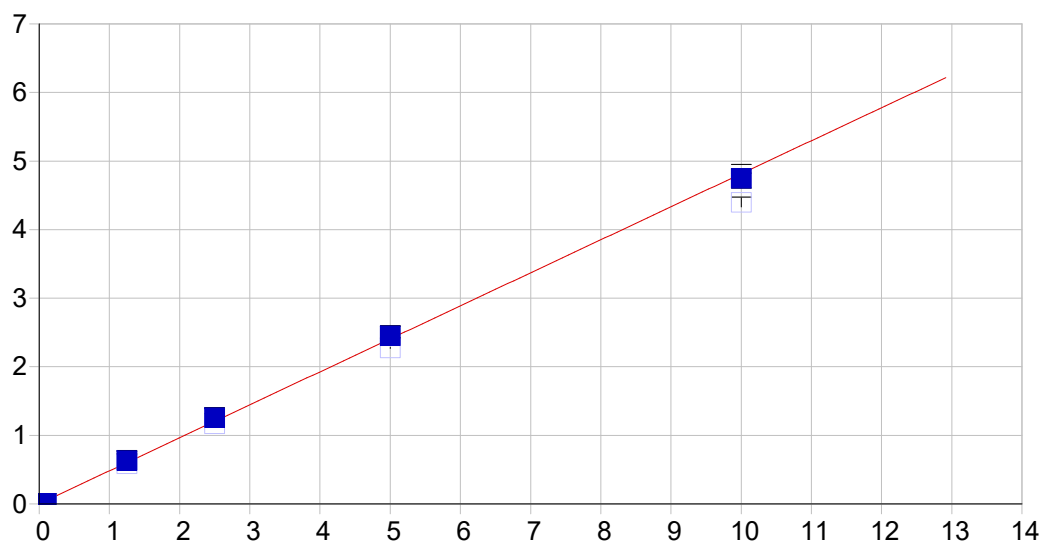


P 177.495 {490}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000898 Re-Slope: 1.000000
 A1 (Gain): 0.042708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002275
 Predicted MQL: 0.007585

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.000	1
S1	.01000	.01102	.001	10.2	-.00043	.000	1
S2	1.2500	1.2140	-.036	-2.88	.05035	.000	1
S3	2.5000	2.4508	-.049	-1.97	.10257	.001	1
S4	5.0000	4.9706	-.029	-.588	.20899	.001	1
S5	10.000	10.114	.114	1.14	.42625	.002	1

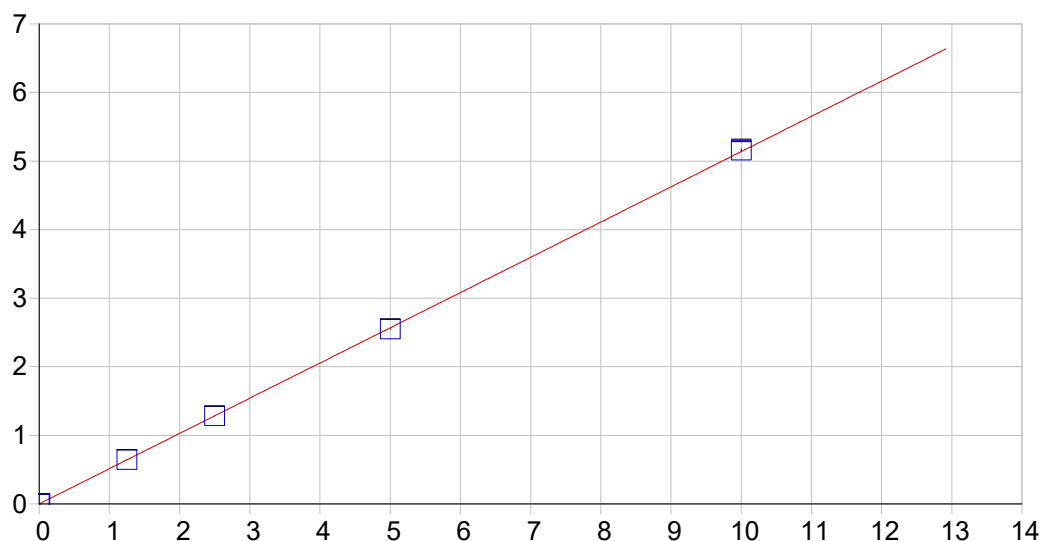


B 249.678 {135}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000878 Re-Slope: 1.000000
 A1 (Gain): 0.481353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997269 Status: OK.
 Std Error of Est: 0.001757
 Predicted MDL: 0.000968
 Predicted MQL: 0.003228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00092	.000	1
S1	.10000	.01123	-.089	-88.8	.00618	.000	1
S2	1.2500	1.3030	.053	4.24	.58440	.006	1
S3	2.5000	2.6025	.103	4.10	1.1663	.005	1
S4	5.0000	5.0868	.087	1.74	2.2748	.006	1
S5	10.000	9.8532	-.147	-1.47	4.3944	.065	1

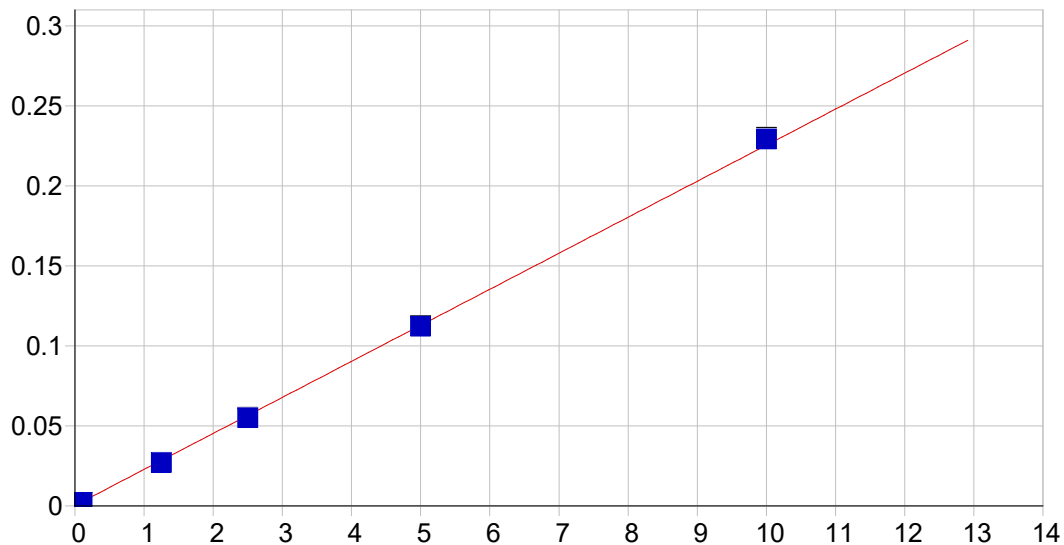


Mo 202.030 {467}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.513724	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000320		
Predicted MQL:	0.001068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.01000	.01020	.000	2.02	.00560	.000	1
S2	1.2500	1.2568	.007	.546	.64602	.003	1
S3	2.5000	2.4959	-.004	-.164	1.2826	.002	1
S4	5.0000	4.9637	-.036	-.726	2.5503	.003	1
S5	10.000	10.033	.033	.334	5.1548	.019	1

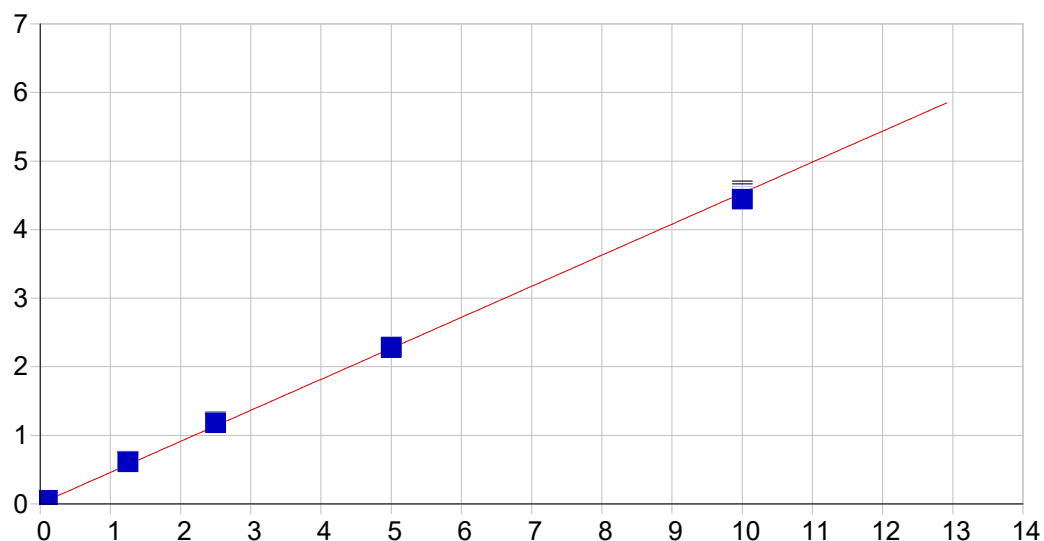


S 182.034 {485}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.022515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.004382
 Predicted MQL: 0.014606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00029	.000	1
S1	.10000	.09460	-.005	-5.40	.00242	.000	1
S2	1.2500	1.1901	-.060	-4.79	.02715	.000	1
S3	2.5000	2.4310	-.069	-2.76	.05514	.000	1
S4	5.0000	4.9664	-.034	-.672	.11235	.000	1
S5	10.000	10.168	.168	1.68	.22970	.001	1

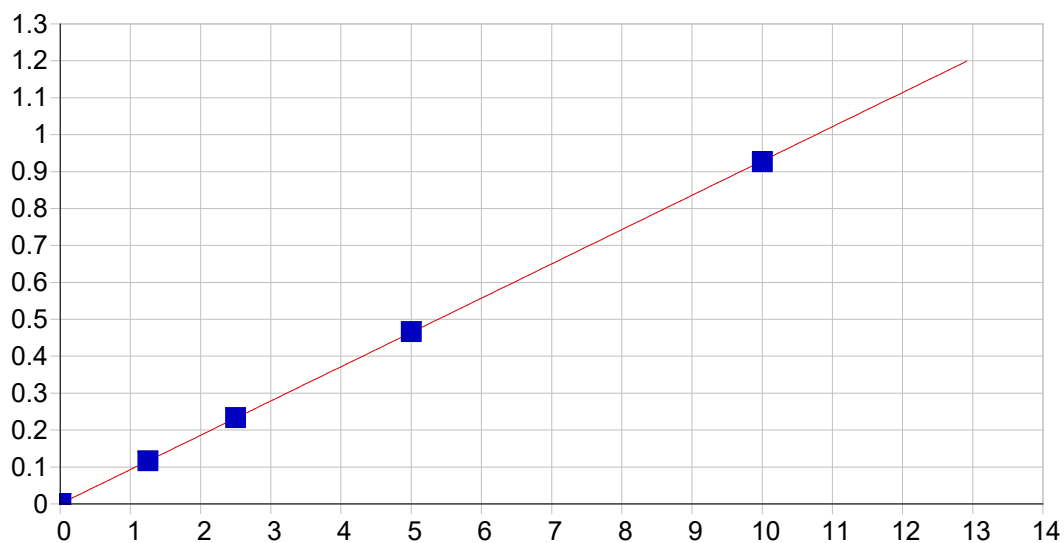


Si 251.611 {134}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006772	Re-Slope:	1.000000
A1 (Gain):	0.452454	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999660	Status:	OK.
Std Error of Est:	0.000633		
Predicted MDL:	0.001038		
Predicted MQL:	0.003460		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00677	.000	1
S1	.10000	.10020	.000	.199	.05227	.001	1
S2	1.2500	1.3349	.085	6.79	.61576	.006	1
S3	2.5000	2.5933	.093	3.73	1.1901	.005	1
S4	5.0000	5.0158	.016	.316	2.2962	.001	1
S5	10.000	9.8058	-.194	-1.94	4.4835	.080	1

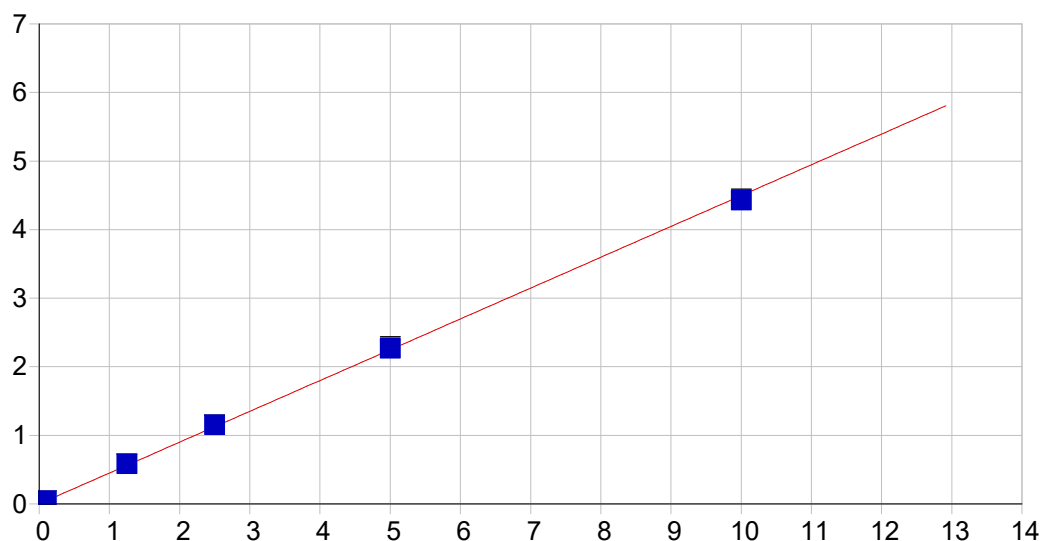


Sn 189.989 {478}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000159	Re-Slope:	1.000000
A1 (Gain):	0.092841	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.001066		
Predicted MQL:	0.003554		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00670	-.000	-4.32	.00076	.000	1
S2	1.2500	1.2482	-.002	-.148	.11580	.000	1
S3	2.5000	2.5089	.009	.356	.23261	.001	1
S4	5.0000	5.0205	.020	.409	.46530	.001	1
S5	10.000	9.9728	-.027	-.272	.92412	.002	1

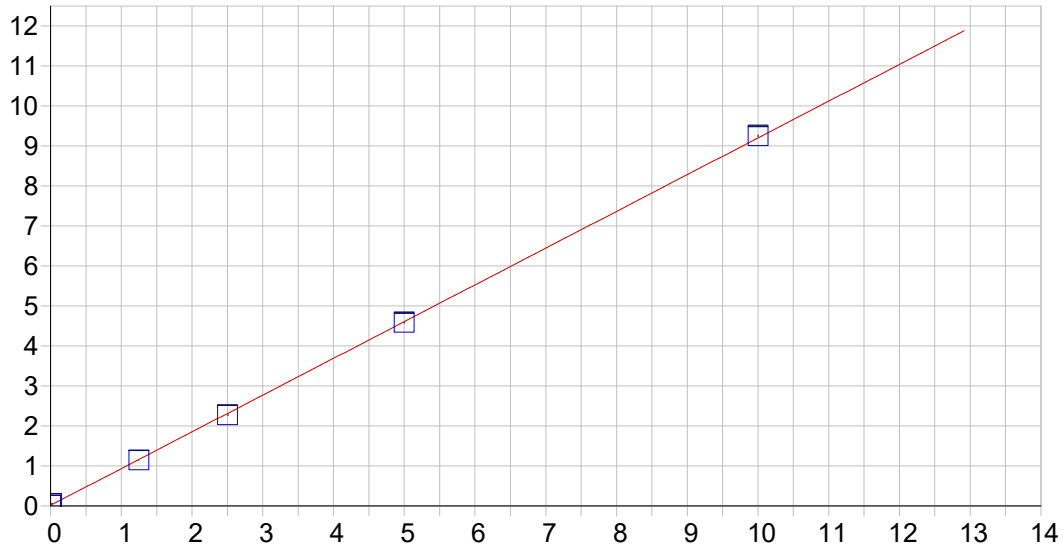


Ti 336.121 {100}

Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001166	Re-Slope:	1.000000
A1 (Gain):	0.449459	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000406		
Predicted MDL:	0.001330		
Predicted MQL:	0.004433		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00116	.000	1
S1	.10000	.10073	.001	.733	.04643	.000	1
S2	1.2500	1.2913	.041	3.31	.58138	.003	1
S3	2.5000	2.5600	.060	2.40	1.1514	.006	1
S4	5.0000	5.0466	.047	.932	2.2686	.023	1
S5	10.000	9.8513	-.149	-1.49	4.4274	.017	1

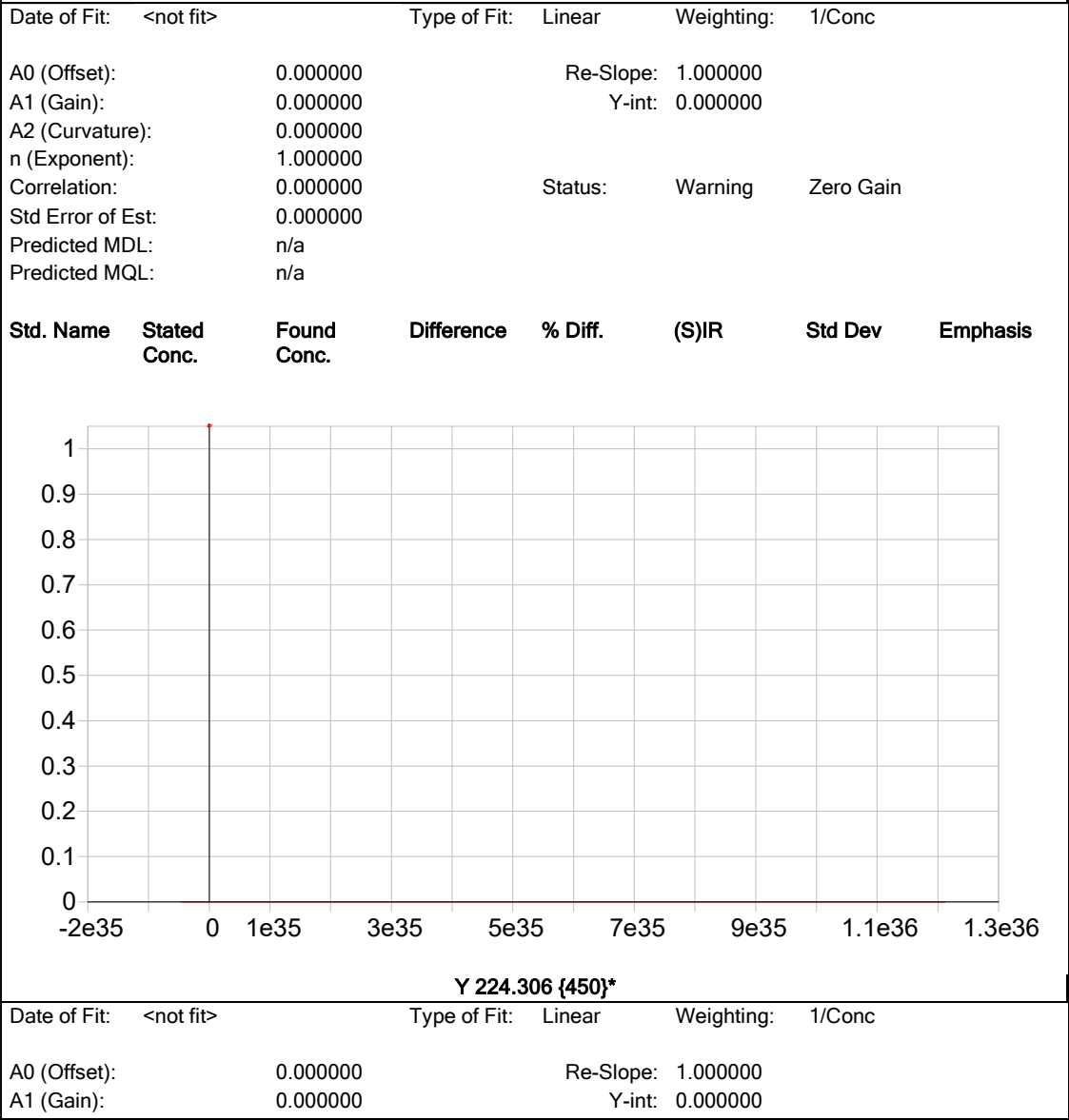
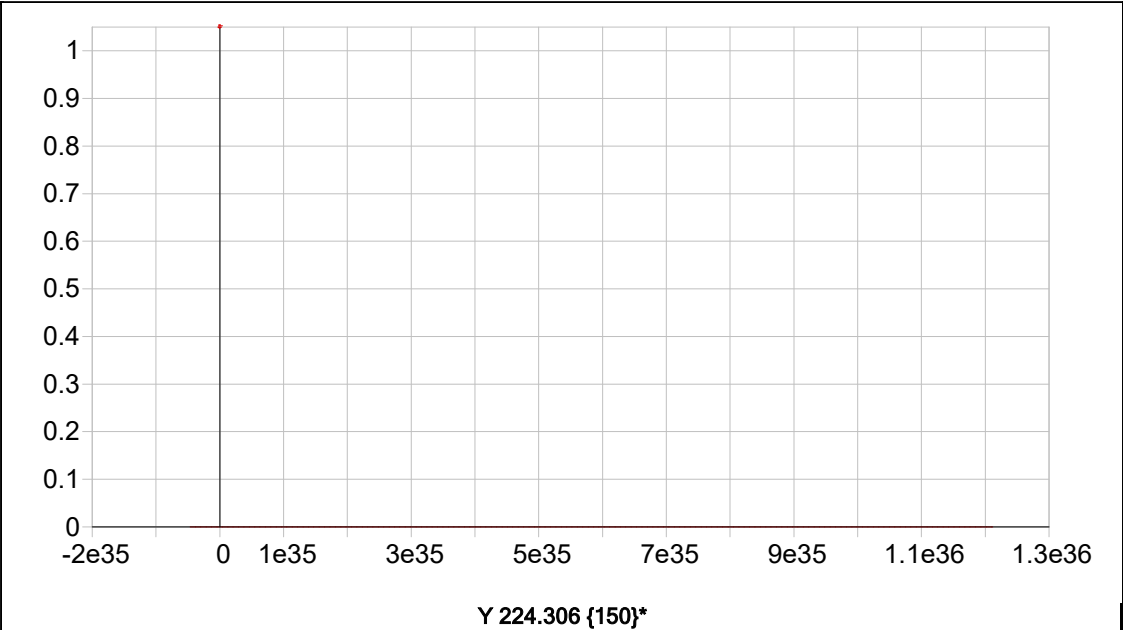


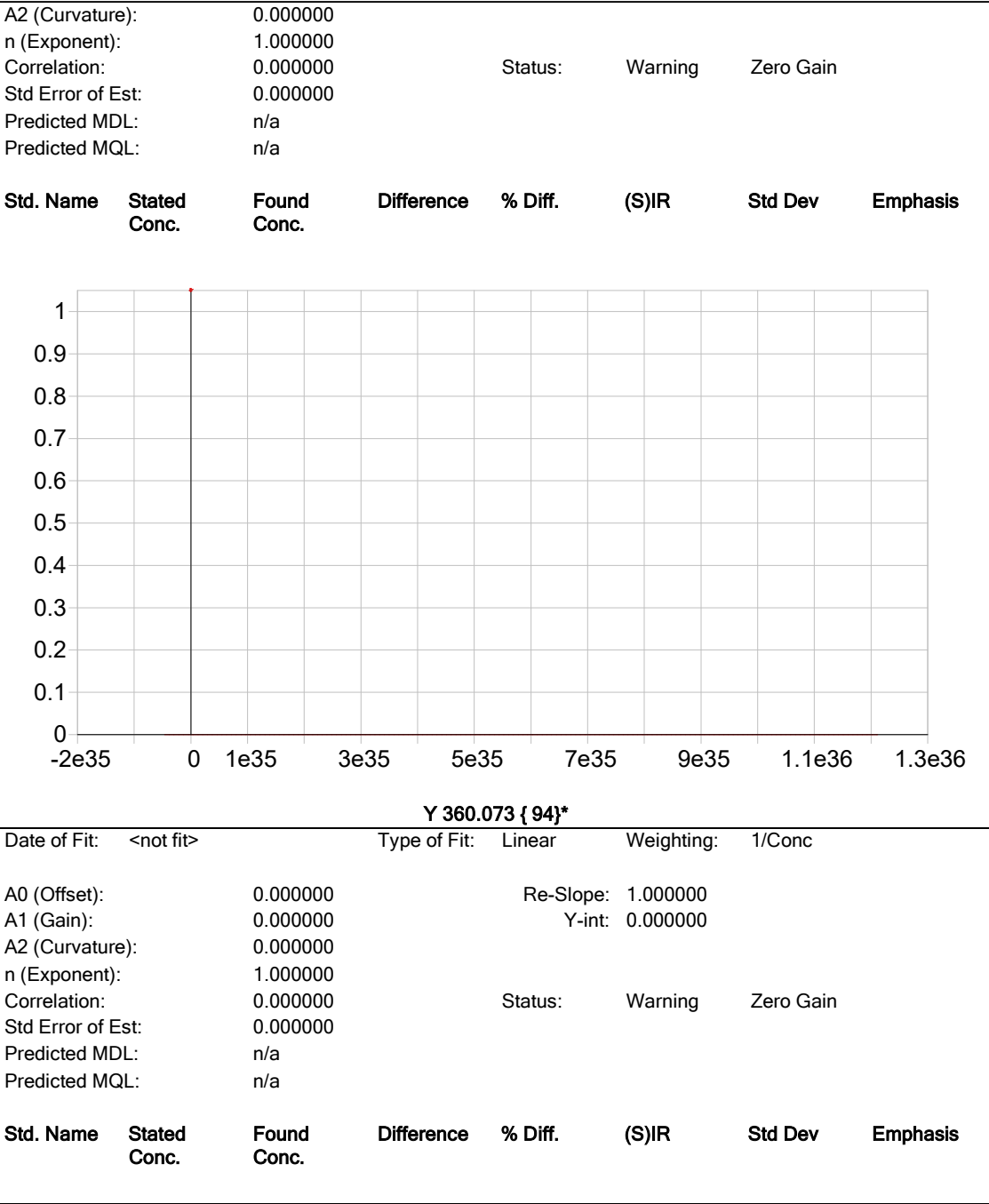
Li 670.784 { 50}

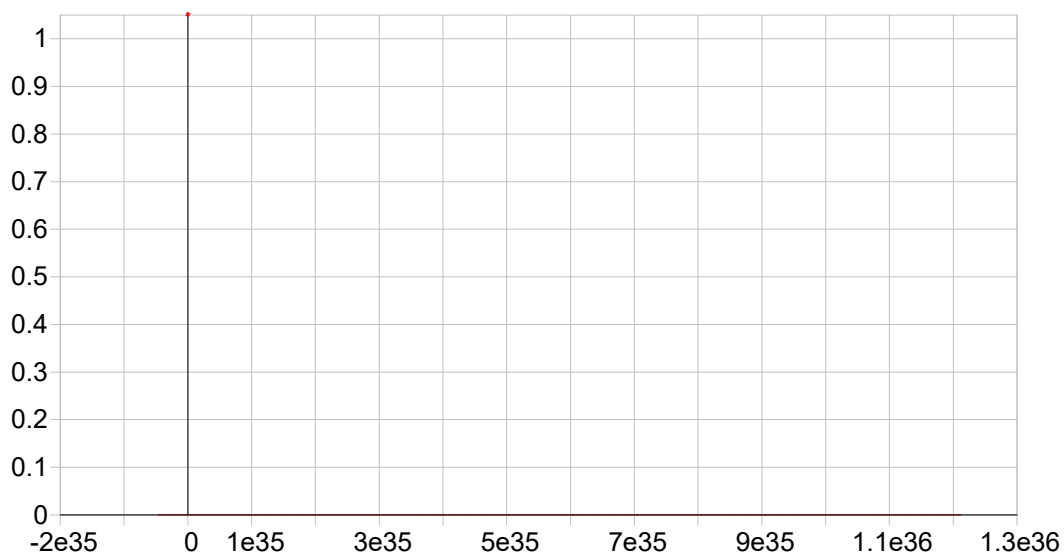
Date of Fit: 11/07/2019 13:07:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014583 Re-Slope: 1.000000
 A1 (Gain): 0.918862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997973 Status: OK.
 Std Error of Est: 0.001203
 Predicted MDL: 0.001801
 Predicted MQL: 0.006003

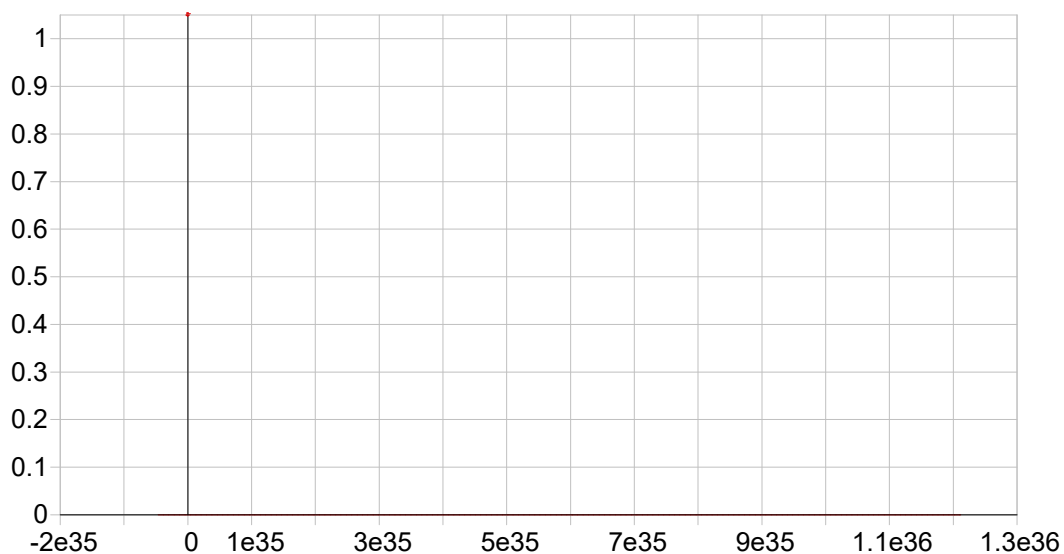
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01455	.001	1
S5	10.000	10.054	.054	.544	9.2532	.021	1
S4	5.0000	4.9728	-.027	-.544	4.5839	.015	1
S3	2.5000	2.4608	-.039	-1.57	2.2757	.001	1
S2	1.2500	1.2285	-.022	-1.72	1.1434	.004	1
S1	.01500	.04849	.033	223.	.05914	.001	1



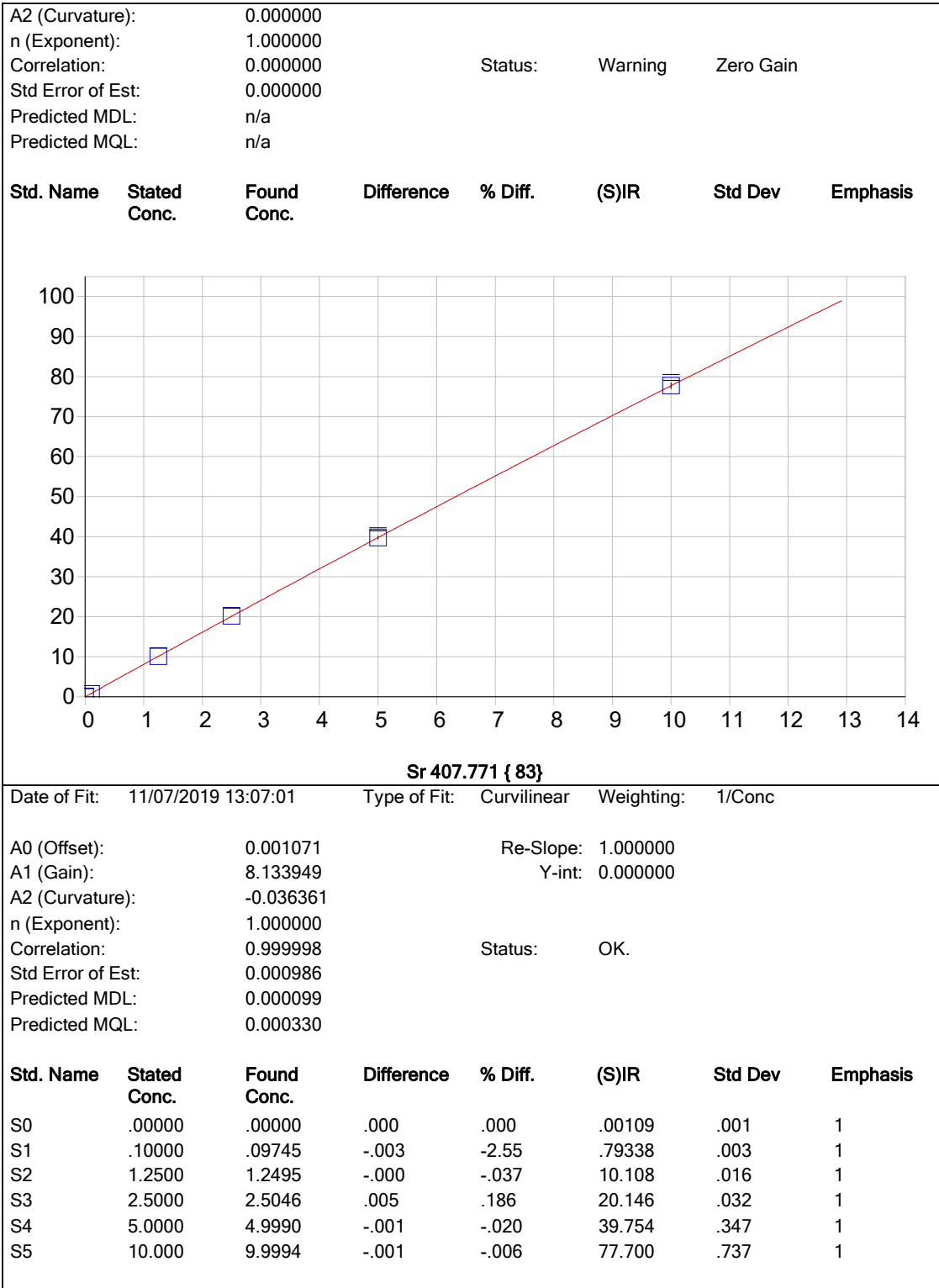




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 11/07/2019 12:04:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00026	-.00046	.00004	.00044	.00026	.00655	.01541	-.00102
Stddev	.00007	.00006	.00004	.00005	.00016	.00050	.00103	.00032
%RSD	25.370	12.423	112.24	12.299	62.431	7.6570	6.7034	31.550
#1	-.00023	-.00041	.00001	.00037	.00042	.00708	.01591	-.00077
#2	-.00034	-.00045	.00009	.00048	.00024	.00647	.01422	-.00090
#3	-.00022	-.00052	.00002	.00045	.00010	.00609	.01609	-.00138
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	.00027	.00022	-.00001	.00037	.00164	.00007	.00058	-.00026
Stddev	.00013	.00036	.00005	.00012	.00005	.00025	.00024	.00012
%RSD	47.997	164.14	736.38	33.192	3.3439	378.54	40.624	45.589
#1	.00029	.00005	.00005	.00052	.00158	-.00015	.00079	-.00017
#2	.00013	-.00003	-.00004	.00030	.00166	.00001	.00033	-.00021
#3	.00039	.00063	-.00003	.00030	.00169	.00034	.00063	-.00039
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	-.00141	-.00108	-.00755	.00025	.00064	.01807	-.00090	.00092
Stddev	.00023	.00008	.00105	.00022	.00025	.00212	.00003	.00020
%RSD	15.983	7.6877	13.882	87.100	39.593	11.713	3.3341	22.335
#1	-.00167	-.00098	-.00854	.00047	.00041	.02044	-.00093	.00070
#2	-.00126	-.00114	-.00764	.00025	.00091	.01740	-.00089	.00110
#3	-.00130	-.00112	-.00645	.00003	.00060	.01637	-.00088	.00095
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	.00036	.00029	.00677	.00016	.00116	.01455	.00109	
Stddev	.00005	.00007	.00023	.00000	.00026	.00062	.00085	
%RSD	14.495	23.658	3.3369	3.0216	21.927	4.2541	78.019	
#1	.00041	.00021	.00652	.00016	.00140	.01488	.00015	
#2	.00031	.00032	.00696	.00016	.00089	.01494	.00130	
#3	.00036	.00034	.00682	.00015	.00120	.01384	.00182	

Sample Name: S0 Acquired: 11/07/2019 12:04:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.1	3815.1	49210.	7254.0	4311.9
Stddev	4.2	6.0	121.	32.4	4.4
%RSD	.23395	.15777	.24498	.44728	.10248
#1	1775.3	3809.6	49168.	7218.5	4316.0
#2	1782.4	3821.5	49347.	7282.1	4312.5
#3	1782.7	3814.3	49117.	7261.4	4307.2

Sample Name: K5677-16A Acquired: 11/07/2019 15:17:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMA1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503387	.0071197	5.931322	.0798453	.1476793	117.2800	1.222719
Stddev	.0039114	.0044126	.010156	.0029013	.0005813	.2226	.001932
%RSD	7.770225	61.97655	.1712317	3.633666	.3936429	.1897635	.1579939

#1	.0540759	.0020251	5.926354	.0824003	.1482860	117.0231	1.224926
#2	.0506665	.0096006	5.924606	.0766912	.1476247	117.4078	1.221334
#3	.0462737	.0097334	5.943006	.0804444	.1471272	117.4093	1.221898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051319	.0129701	93.02977	.2134509	.1078444	2.208208	253.3485
Stddev	.0000752	.0001731	.13143	.0011373	.0002290	.006109	.6576
%RSD	1.464691	1.334328	.1412805	.5328087	.2123667	.2766558	.2595623

#1	.0052058	.0129542	93.17774	.2147321	.1077302	2.207182	252.7710
#2	.0050556	.0128055	92.92659	.2130600	.1076950	2.202676	253.2104
#3	.0051344	.0131506	92.98496	.2125607	.1081081	2.214764	254.0642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993754	74.06756	.2746668	-.001318	2.091851	.4307716	2.104965
Stddev	.004108	.19315	.0013987	.000653	.397385	.0055191	.011383
%RSD	.0822593	.2607688	.5092231	49.50554	18.99680	1.281200	.5407903

#1	4.990900	73.84674	.2735237	-.001959	1.692009	.4245453	2.093665
#2	4.991901	74.15085	.2742503	-.001342	2.096810	.4327078	2.104799
#3	4.998462	74.20508	.2762265	-.000654	2.486732	.4350617	2.116430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.967011	9.008585	.1244304	.0021257	3.257055	4.446346	.0364048
Stddev	.063245	.022613	.0038339	.0003442	.009603	.032274	.0013755
%RSD	.9077721	.2510109	3.081159	16.19100	.2948308	.7258447	3.778371

#1	6.914295	9.033127	.1204664	.0021543	3.254372	4.472712	.0379929
#2	6.949600	8.988595	.1281194	.0017682	3.249080	4.410355	.0356343
#3	7.037137	9.004032	.1247055	.0024547	3.267714	4.455972	.0355872

Sample Name: K5677-16A Acquired: 11/07/2019 15:17:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMA1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.790488	.1245248	.6809065
Stddev	.032894	.0007509	.0013812
%RSD	.5680641	.6029923	.2028395

#1	5.828042	.1244898	.6820210
#2	5.766782	.1237921	.6793614
#3	5.776642	.1252926	.6813373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.528	4013.180	54468.05	8169.460	4082.999
Stddev	8.595	3.571	141.82	39.023	3.477
%RSD	.4393201	.0889900	.2603818	.4776714	.0851459

#1	1952.653	4016.596	54461.05	8177.882	4086.912
#2	1966.379	4009.472	54613.24	8203.585	4081.818
#3	1950.553	4013.472	54329.85	8126.914	4080.267

Sample Name: S1 Acquired: 11/07/2019 12:08:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	.00007	.00118	.00243	.00195	.00841	.02024	.80173	.02426
Stddev	.00010	.00010	.00012	.00004	.00005	.00042	.00408	.00064
%RSD	145.33	8.0510	4.8754	1.8767	.63179	2.0683	.50934	2.6574

#1	.00000	.00109	.00239	.00191	.00837	.01982	.80115	.02355
#2	.00019	.00119	.00256	.00197	.00839	.02066	.80608	.02481
#3	.00002	.00128	.00234	.00197	.00847	.02025	.79798	.02442

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	.01209	.35437	.00182	.04373	.00668	.00298	.01098	.04977
Stddev	.00005	.00113	.00008	.00028	.00013	.00008	.00024	.00021
%RSD	.43544	.31917	4.3924	.64508	1.9537	2.6279	2.2283	.43099

#1	.01214	.35360	.00181	.04389	.00665	.00296	.01086	.04998
#2	.01204	.35385	.00190	.04389	.00656	.00307	.01082	.04955
#3	.01208	.35567	.00174	.04340	.00682	.00291	.01126	.04978

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02549	.00249	.01929	.00661	.01573	.12027	-.00043	.00618
Stddev	.00018	.00004	.00094	.00041	.00033	.00171	.00005	.00041
%RSD	.71600	1.5760	4.8678	6.1652	2.1169	1.4199	11.695	6.5798

#1	.02553	.00253	.01987	.00648	.01561	.11951	-.00046	.00597
#2	.02529	.00248	.01821	.00706	.01548	.12223	-.00045	.00665
#3	.02565	.00246	.01980	.00628	.01611	.11908	-.00037	.00593

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	.00560	.00242	.05227	.00076	.04643	.05914	.79338	
Stddev	.00003	.00003	.00104	.00004	.00022	.00077	.00264	
%RSD	.46919	1.2068	1.9927	5.0406	.47968	1.3084	.33333	

#1	.00561	.00245	.05112	.00074	.04638	.05907	.79077	
#2	.00562	.00239	.05315	.00081	.04667	.05995	.79331	
#3	.00557	.00242	.05254	.00074	.04623	.05841	.79606	

Sample Name: S1 Acquired: 11/07/2019 12:08:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.8	3826.2	49755.	7320.8	4327.3
Stddev	21.3	3.5	137.	23.1	.9
%RSD	1.1781	.09198	.27617	.31521	.02078
#1	1823.9	3823.0	49619.	7347.2	4327.7
#2	1781.9	3830.0	49752.	7311.2	4328.0
#3	1808.6	3825.8	49894.	7304.1	4326.3

Sample Name: S2 Acquired: 11/07/2019 12:12:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	.05000	.08617	1.2713	.05758	.17128	2.7284	9.7943	.61992
Stddev	.00023	.00032	.0000	.00023	.00030	.0046	.0067	.00558
%RSD	.45307	.36878	.00229	.40675	.17568	.16730	.06814	.89965

#1	.04988	.08584	1.2714	.05733	.17117	2.7321	9.7880	.62427
#2	.04986	.08621	1.2713	.05780	.17162	2.7296	9.7935	.61363
#3	.05026	.08647	1.2713	.05763	.17106	2.7233	9.8013	.62186

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	1.4796	4.3027	.65537	.55164	.75115	1.0348	2.5354	.61200
Stddev	.0020	.0101	.00126	.00079	.00136	.0008	.0040	.00225
%RSD	.13587	.23599	.19275	.14342	.18049	.08096	.15779	.36755

#1	1.4782	4.3025	.65415	.55173	.75016	1.0357	2.5373	.61376
#2	1.4786	4.2926	.65668	.55081	.75269	1.0349	2.5308	.61277
#3	1.4819	4.3129	.65526	.55239	.75059	1.0340	2.5381	.60947

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	.40540	.10135	.18300	.07357	.83498	.76526	.05035	.58440
Stddev	.00033	.00097	.00106	.00018	.00732	.00398	.00008	.00587
%RSD	.08245	.95247	.58036	.24708	.87693	.51972	.15226	1.0039

#1	.40539	.10230	.18193	.07351	.83984	.76705	.05027	.59026
#2	.40574	.10037	.18405	.07377	.82656	.76802	.05035	.57853
#3	.40507	.10138	.18303	.07343	.83854	.76070	.05043	.58440

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	.64602	.02715	.61576	.11580	.58138	1.1434	10.108
Stddev	.00270	.00008	.00633	.00037	.00298	.0036	.016
%RSD	.41856	.27714	1.0273	.31814	.51298	.31606	.15496

#1	.64310	.02706	.62119	.11554	.58081	1.1423	10.110
#2	.64653	.02720	.60882	.11564	.57872	1.1404	10.091
#3	.64844	.02718	.61729	.11622	.58460	1.1474	10.122

Sample Name: S2 Acquired: 11/07/2019 12:12:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.6	3721.8	49476.	7383.9	4093.7
Stddev	20.3	9.2	98.	17.9	5.0
%RSD	1.1528	.24747	.19896	.24309	.12108
#1	1742.3	3730.7	49438.	7371.6	4097.6
#2	1781.3	3722.4	49588.	7404.5	4095.3
#3	1752.2	3712.4	49403.	7375.7	4088.1

Sample Name: S3 Acquired: 11/07/2019 12:16:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	.10046	.17134	2.5611	.11357	.33910	5.4806	19.536	1.2140
Stddev	.00041	.00027	.0084	.00017	.00047	.0225	.062	.0068
%RSD	.40689	.15547	.32633	.15130	.13866	.40970	.31671	.55834

#1	.10001	.17119	2.5542	.11372	.33876	5.4872	19.564	1.2195
#2	.10081	.17119	2.5587	.11362	.33964	5.4989	19.579	1.2065
#3	.10057	.17165	2.5704	.11338	.33891	5.4555	19.465	1.2162

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9328	8.5049	1.2877	1.1078	1.4837	2.0243	4.9689	1.2196
Stddev	.0037	.0177	.0024	.0010	.0037	.0082	.0201	.0034
%RSD	.12431	.20823	.19038	.09307	.25157	.40368	.40532	.27666

#1	2.9309	8.5108	1.2860	1.1069	1.4840	2.0256	4.9735	1.2195
#2	2.9305	8.5189	1.2865	1.1076	1.4798	2.0317	4.9864	1.2230
#3	2.9370	8.4850	1.2905	1.1090	1.4872	2.0155	4.9469	1.2163

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	.80495	.20639	.37139	.14497	1.6596	1.5258	.10257	1.1663
Stddev	.00036	.00111	.00177	.00087	.0220	.0064	.00071	.0054
%RSD	.04439	.53602	.47762	.59817	1.3246	.41731	.69476	.46283

#1	.80486	.20759	.37268	.14518	1.6681	1.5300	.10175	1.1710
#2	.80464	.20541	.37212	.14571	1.6760	1.5289	.10298	1.1604
#3	.80534	.20616	.36937	.14401	1.6346	1.5184	.10299	1.1674

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	1.2826	.05514	1.1901	.23261	1.1514	2.2757	20.146
Stddev	.0018	.00016	.0052	.00062	.0058	.0008	.032
%RSD	.13692	.28425	.43343	.26746	.50324	.03609	.16016

#1	1.2829	.05498	1.1954	.23195	1.1539	2.2767	20.167
#2	1.2841	.05516	1.1851	.23268	1.1448	2.2752	20.108
#3	1.2807	.05529	1.1897	.23319	1.1555	2.2753	20.162

Sample Name: S3 Acquired: 11/07/2019 12:16:18 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.7	3610.3	48446.	7364.1	3911.2
Stddev	7.0	1.4	127.	43.1	9.2
%RSD	.41536	.03984	.26123	.58557	.23434
#1	1687.7	3611.9	48370.	7369.3	3914.6
#2	1691.9	3609.0	48592.	7404.4	3918.2
#3	1701.4	3610.1	48375.	7318.6	3900.9

Sample Name: S4 Acquired: 11/07/2019 12:20:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	.20139	.33570	5.1475	.22164	.68035	11.000	38.520	2.3557
Stddev	.00015	.00128	.0086	.00029	.00027	.083	.140	.0017
%RSD	.07424	.38259	.16605	.13223	.03946	.75651	.36446	.07346

#1	.20125	.33714	5.1494	.22198	.68064	11.043	38.596	2.3542
#2	.20138	.33466	5.1382	.22145	.68010	10.904	38.358	2.3554
#3	.20155	.33530	5.1549	.22150	.68031	11.053	38.606	2.3576

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7967	16.791	2.5185	2.2098	2.9238	3.9136	9.6226	2.4160
Stddev	.0054	.025	.0040	.0021	.0132	.0100	.0162	.0068
%RSD	.09350	.14939	.15844	.09603	.45028	.25662	.16811	.27973

#1	5.8010	16.786	2.5231	2.2116	2.9099	3.9135	9.6087	2.4169
#2	5.7906	16.769	2.5163	2.2075	2.9360	3.9035	9.6187	2.4088
#3	5.7986	16.818	2.5162	2.2103	2.9255	3.9236	9.6404	2.4222

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	1.5988	.41139	.74655	.28099	3.3013	3.0485	.20899	2.2748
Stddev	.0024	.00309	.00493	.00231	.0152	.0301	.00104	.0055
%RSD	.15215	.75176	.66071	.82385	.45996	.98798	.49790	.24193

#1	1.5997	.40880	.74876	.28169	3.3036	3.0619	.21011	2.2684
#2	1.5961	.41481	.74090	.27841	3.3151	3.0140	.20805	2.2781
#3	1.6008	.41056	.74999	.28287	3.2850	3.0696	.20881	2.2778

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5503	.11235	2.2962	.46530	2.2686	4.5839	39.754
Stddev	.0026	.00040	.0015	.00120	.0228	.0147	.347
%RSD	.10169	.35353	.06362	.25810	1.0062	.32124	.87329

#1	2.5489	.11251	2.2945	.46646	2.2469	4.5680	39.383
#2	2.5488	.11189	2.2972	.46406	2.2924	4.5971	39.809
#3	2.5533	.11264	2.2969	.46539	2.2665	4.5867	40.070

Sample Name: S4 Acquired: 11/07/2019 12:20:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1618.3	3448.1	47552.	7241.0	3685.6
Stddev	5.8	5.8	309.	23.9	9.5
%RSD	.35901	.16873	.64902	.32964	.25850
#1	1622.2	3450.9	47877.	7261.2	3682.4
#2	1611.6	3451.9	47262.	7247.2	3696.4
#3	1621.1	3441.4	47516.	7214.7	3678.2

Sample Name: S5 Acquired: 11/07/2019 12:23:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	.41088	.64815	10.204	.43286	1.3897	22.203	75.625	4.5801
Stddev	.00067	.00149	.004	.00142	.0051	.080	1.048	.0758
%RSD	.16374	.23019	.04107	.32751	.36383	.36212	1.3863	1.6556

#1	.41032	.64904	10.204	.43266	1.3858	22.161	74.429	4.4942
#2	.41069	.64643	10.200	.43156	1.3879	22.152	76.386	4.6084
#3	.41163	.64899	10.208	.43437	1.3954	22.296	76.059	4.6377

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	11.384	32.886	4.8588	4.3706	5.7639	7.6378	18.804	4.8323
Stddev	.021	.087	.0018	.0076	.0163	.0184	.046	.0158
%RSD	.18155	.26577	.03637	.17345	.28228	.24074	.24409	.32601

#1	11.373	32.816	4.8606	4.3651	5.7459	7.6290	18.768	4.8226
#2	11.371	32.860	4.8571	4.3675	5.7682	7.6255	18.788	4.8238
#3	11.407	32.984	4.8588	4.3793	5.7776	7.6589	18.855	4.8505

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	3.1657	.83188	1.4981	.55581	6.9497	6.2317	.42625	4.3944
Stddev	.0083	.00987	.0043	.00214	.0379	.0378	.00198	.0648
%RSD	.26120	1.1862	.28704	.38472	.54511	.60602	.46400	1.4746

#1	3.1589	.82049	1.4957	.55453	6.9166	6.1981	.42571	4.3226
#2	3.1632	.83735	1.4955	.55462	6.9910	6.2243	.42460	4.4120
#3	3.1749	.83780	1.5030	.55828	6.9414	6.2726	.42844	4.4486

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	5.1548	.22970	4.4835	.92412	4.4274	9.2532	77.700	
Stddev	.0186	.00073	.0798	.00168	.0168	.0208	.737	
%RSD	.36152	.31958	1.7804	.18210	.37965	.22487	.94881	

#1	5.1494	.23013	4.3953	.92396	4.4106	9.2348	76.855	
#2	5.1394	.22885	4.5044	.92252	4.4274	9.2490	78.213	
#3	5.1755	.23011	4.5508	.92587	4.4442	9.2758	78.031	

Sample Name: S5 Acquired: 11/07/2019 12:23:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.1	3210.4	46187.	7186.3	3435.9
Stddev	9.6	6.1	103.	43.2	3.6
%RSD	.65299	.18908	.22197	.60138	.10454
#1	1481.3	3207.9	46305.	7227.4	3433.4
#2	1462.2	3217.3	46123.	7190.2	3440.0
#3	1469.7	3206.0	46132.	7141.2	3434.2

Sample Name: ICV Acquired: 11/07/2019 12:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9499280	1.044934	.9705495	1.010437	.9314524	2.362205	.4911267
Stddev	.0030893	.004795	.0009584	.000719	.0019952	.018029	.0000628
%RSD	.3252174	.4589103	.0987488	.0711893	.2142011	.7632442	.0127954

#1	.9524947	1.043861	.9714053	1.009614	.9291494	2.345181	.4910791
#2	.9464992	1.050176	.9695139	1.010751	.9326563	2.381095	.4911031
#3	.9507902	1.040767	.9707294	1.010946	.9325516	2.360339	.4911979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4883224	.4955298	10.16666	.5195653	.4894687	.4703173	5.254220
Stddev	.0033027	.0003594	.03159	.0016902	.0008021	.0028466	.022069
%RSD	.6763390	.0725312	.3107282	.3253009	.1638650	.6052448	.4200160

#1	.4894164	.4956053	10.17203	.5212168	.4900846	.4728911	5.237254
#2	.4909393	.4958455	10.13273	.5196402	.4897597	.4672599	5.246236
#3	.4846115	.4951386	10.19523	.5178390	.4885617	.4708010	5.279169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4923838	5.793230	.4995367	.5011989	9.307222	.5018633	1.041956
Stddev	.0029612	.048981	.0009786	.0017541	.280487	.0037457	.007472
%RSD	.6014023	.8454814	.1959014	.3499802	3.013646	.7463522	.7170858

#1	.4907825	5.770080	.4984071	.5031214	9.068140	.4975451	1.040771
#2	.4905681	5.849495	.5001260	.4996855	9.615979	.5038111	1.035147
#3	.4958009	5.760115	.5000772	.5007897	9.237547	.5042338	1.049949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.207474	4.879575	4.877375	4.703406	4.731647	4.595350	4.657266
Stddev	.095640	.021556	.023706	.011146	.016412	.021527	.007087
%RSD	1.038718	.4417678	.4860422	.2369845	.3468652	.4684610	.1521626

#1	9.173839	4.864373	4.898876	4.690570	4.718818	4.605012	4.658840
#2	9.315388	4.870107	4.881297	4.708993	4.725982	4.610353	4.663434
#3	9.133196	4.904245	4.851953	4.710653	4.750142	4.570684	4.649525

Sample Name: ICV Acquired: 11/07/2019 12:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.952301	4.532617	4.722894
Stddev	.019272	.009634	.082525
%RSD	.3891615	.2125384	1.747346

#1	4.974390	4.542528	4.676661
#2	4.938916	4.532038	4.818172
#3	4.943598	4.523287	4.673849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.851	3799.620	50627.21	7477.297	4249.445
Stddev	6.014	3.298	58.12	52.424	11.248
%RSD	.3256167	.0867965	.1147971	.7011077	.2647041

#1	1851.921	3800.041	50647.88	7486.694	4239.362
#2	1840.207	3796.131	50561.59	7420.810	4247.398
#3	1848.424	3802.687	50672.17	7524.387	4261.577

Sample Name: S6 Acquired: 11/07/2019 12:28:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) 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	58.714	53.012	20.723	7.9962	4.2342
Stddev	.310	.224	.161	.0644	.0470
%RSD	.52815	.42190	.77682	.80489	1.1091

#1	58.986	52.830	20.578	7.9376	4.1977
#2	58.780	53.262	20.695	7.9860	4.2177
#3	58.376	52.946	20.896	8.0651	4.2872

Int. Std.	Y_3710
Units	Cts/S
Avg	7059.7
Stddev	12.7
%RSD	.17964

#1	7058.7
#2	7047.6
#3	7072.9

Sample Name: ICB Acquired: 11/07/2019 12:41:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004855	-.000598	.0011671	-.001292	.0010554	-.014173	-.000319
Stddev	.0014948	.001907	.0011464	.000100	.0011156	.007144	.000169
%RSD	307.8967	318.7315	98.22590	7.775668	105.7057	50.40447	53.05381

#1	.0000187	.001576	.0023858	-.001178	.0008981	-.012778	-.000267
#2	-.000720	-.001987	.0010051	-.001364	.0022414	-.021911	-.000508
#3	.002158	-.001384	.0001103	-.001336	.0000268	-.007829	-.000182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000013	-.000077	-.001541	.0000340	.0000265	.0001292	-.006986
Stddev	.000055	.000058	.005230	.0000552	.0000913	.0014233	.009442
%RSD	414.0006	75.63111	339.3719	162.1585	344.7076	1101.555	135.1578

#1	-.000073	-.000042	.000408	.0000811	-.000021	-.000581	.003398
#2	-.000002	-.000144	.002435	-.000027	-.000031	.001768	-.015057
#3	.000036	-.000045	-.007465	.000048	.000132	-.000799	-.009299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000176	.0053596	.0002722	.0007883	.1514007	.0006822	-.002582
Stddev	.000318	.0033639	.0001189	.0002132	.0603699	.0016998	.001674
%RSD	180.9968	62.76298	43.68540	27.05120	39.87423	249.1521	64.82150

#1	-.000435	.0047817	.0001357	.0010279	.1440779	.0010624	-.001527
#2	.000179	.0089750	.0003531	.0007174	.0950262	-.001175	-.004512
#3	-.000272	.0023222	.0003279	.0006195	.2150979	.002160	-.001707

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275560	.0014251	.0101029	.0007828	-.006146	.0027800	.0009600
Stddev	.0863119	.0007555	.0005910	.0003889	.002977	.0013217	.0006584
%RSD	313.2233	53.01437	5.849558	49.68526	48.44105	47.54210	68.58390

#1	.1267421	.0020446	.0107852	.0012306	-.008766	.0026635	.0017198
#2	-.013591	.0005834	.0097550	.0005886	-.006763	.0041560	.0006002
#3	-.030483	.0016472	.0097683	.0005292	-.002908	.0015204	.0005598

Sample Name: ICB Acquired: 11/07/2019 12:41:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001488	.0049530	.0000991
Stddev	.0007650	.0013888	.0000774
%RSD	514.1793	28.04030	78.06507

#1	-.000546	.0060318	.0001385
#2	.000969	.0033860	.0001488
#3	.000023	.0054412	.0000100

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.144	3807.124	50690.42	7366.850	4289.964
Stddev	5.259	1.128	123.98	24.262	4.807
%RSD	.2842323	.0296264	.2445816	.3293470	.1120530

#1	1848.392	3807.492	50593.69	7362.702	4284.447
#2	1845.985	3805.858	50647.38	7344.929	4293.252
#3	1856.055	3808.022	50830.18	7392.920	4292.194

Sample Name: ICSA Acquired: 11/07/2019 12:46:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004023	.0006532	.0007164	-.016073	.0027300	230.9797	.0058923
Stddev	.0026725	.0039208	.0016491	.006079	.0002835	.7834	.0007479
%RSD	664.2256	600.2634	230.1916	37.81888	10.38597	.3391655	12.69250

#1	-.002030	-.002867	.0026195	-.022922	.0026278	231.2366	.0065832
#2	.003263	-.000052	-.000179	-.013979	.0025118	230.1002	.0059957
#3	-.000026	.004879	-.000292	-.011318	.0030505	231.6025	.0050982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013449	.0010646	246.5044	.0501176	.0002884	-.000778	98.63629
Stddev	.0001441	.0000608	.5969	.0003130	.0002876	.001556	.45558
%RSD	10.71561	5.714187	.2421408	.6245442	99.71971	199.9831	.4618800

#1	.0011807	.0011014	246.8942	.0497678	.0002668	.000976	98.61018
#2	.0014505	.0010980	245.8173	.0502135	.0000122	-.001319	98.19433
#3	.0014035	.0009944	246.8019	.0503714	.0005861	-.001991	99.10437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136717	250.3731	-.001397	-.001235	-.404274	.0014987	-.002212
Stddev	.0001280	.9678	.000567	.000353	.139645	.0034538	.002887
%RSD	.9365217	.3865575	40.63276	28.55876	34.54222	230.4600	130.4950

#1	.0137835	250.4413	-.001524	-.001103	-.377505	.0044571	-.005157
#2	.0135320	249.3730	-.000776	-.001635	-.279951	-.002297	-.002093
#3	.0136995	251.3051	-.001890	-.000968	-.555366	.002336	.000613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565486	.0088893	.0062625	.0001655	-.006464	-.002353	-.001658
Stddev	.0270744	.0026544	.0020436	.0003702	.000813	.001079	.000696
%RSD	47.87804	29.86089	32.63255	223.6105	12.57390	45.86114	42.00045

#1	.0309307	.0101913	.0075928	.0002443	-.007305	-.002574	-.002030
#2	.0848757	.0058353	.0039094	.0004900	-.005683	-.003304	-.000855
#3	.0538394	.0106414	.0072853	-.000238	-.006404	-.001180	-.002090

Sample Name: ICSA Acquired: 11/07/2019 12:46:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001850	.0097396	.0951380
Stddev	.001672	.0018181	.0003378
%RSD	90.41228	18.66705	.3550440

#1	-.003614	.0117939	.0950410
#2	-.001648	.0083379	.0948593
#3	-.000287	.0090870	.0955137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.594	3576.017	47480.93	7234.292	3798.823
Stddev	5.141	9.992	82.07	31.900	6.782
%RSD	.3026417	.2794115	.1728586	.4409562	.1785185

#1	1700.690	3573.933	47429.18	7202.667	3804.522
#2	1702.356	3586.887	47438.05	7266.461	3800.624
#3	1692.737	3567.232	47575.56	7233.748	3791.323

Sample Name: ICSAB Acquired: 11/07/2019 12:50:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933314	.1147292	.0510027	.0342245	.6032813	233.7198	.5208012
Stddev	.0024183	.0001618	.0008051	.0030944	.0026426	1.2786	.0021393
%RSD	2.591114	.1410371	1.578458	9.041626	.4380387	.5470499	.4107657

#1	.0921784	.1148600	.0516181	.0307063	.6018705	233.4403	.5195895
#2	.0917054	.1147795	.0500916	.0354431	.6016435	232.6042	.5195428
#3	.0961105	.1145483	.0512985	.0365241	.6063299	235.1150	.5232713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5173232	1.027347	250.4042	.5803214	.5075052	.4783513	99.84994
Stddev	.0036925	.002478	.8328	.0021157	.0009991	.0014703	.53798
%RSD	.7137669	.2412120	.3325657	.3645719	.1968699	.3073595	.5387850

#1	.5142606	1.025446	250.0029	.5805651	.5072270	.4769774	99.93990
#2	.5214235	1.026445	249.8480	.5823046	.5066747	.4799019	99.27266
#3	.5162856	1.030150	251.3616	.5780944	.5086140	.4781744	100.3373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149008	253.0622	1.016760	.2019305	-.235533	.5066663	1.109497
Stddev	.0027264	1.0089	.002077	.0003377	.231678	.0046192	.000987
%RSD	.5295078	.3986806	.2042877	.1672555	98.36316	.9116795	.0889682

#1	.5136603	252.8314	1.014968	.2021468	-.180746	.5118966	1.109516
#2	.5130153	252.1887	1.016277	.2015414	-.489695	.5031457	1.108501
#3	.5180269	254.1665	1.019037	.2021034	-.036160	.5049567	1.110474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146756	.0090116	.0024001	-.000058	-.003211	-.002617	-.001893
Stddev	.080596	.0028802	.0031454	.000258	.004453	.000566	.001132
%RSD	54.91871	31.96060	131.0507	447.8407	138.7077	21.63117	59.78878

#1	-.161701	.0056892	.0037596	.000190	-.002074	-.001978	-.000918
#2	-.218833	.0105435	-.001196	-.000038	.000564	-.003057	-.003134
#3	-.059733	.0108020	.004637	-.000325	-.008122	-.002815	-.001626

Sample Name: ICSAB Acquired: 11/07/2019 12:50:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002844	.0034702	.0974449
Stddev	.000221	.0003321	.0001341
%RSD	7.757174	9.571024	.1376114

#1	-.003085	.0032262	.0974725
#2	-.002651	.0033361	.0972992
#3	-.002796	.0038485	.0975630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.897	3586.992	47944.54	7305.433	3801.659
Stddev	3.994	6.937	70.56	28.512	2.536
%RSD	.2323483	.1934062	.1471685	.3902914	.0667108

#1	1723.450	3593.185	47880.95	7325.052	3802.939
#2	1717.256	3579.495	47932.23	7272.726	3798.738
#3	1715.985	3588.295	48020.45	7318.522	3803.300

Sample Name: CCV048 Acquired: 11/07/2019 12:54:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.912351	4.965218	25.14700	4.791272	4.877091	393.6701	10.02673
Stddev	.021429	.007298	.03607	.014041	.013870	7.0946	.03305
%RSD	.4362356	.1469839	.1434390	.2930491	.2843991	1.802156	.3295997

#1	4.927574	4.973399	25.18837	4.785784	4.876349	390.5428	10.06446
#2	4.887845	4.962878	25.12215	4.780805	4.863606	401.7910	10.01283
#3	4.921635	4.959377	25.13048	4.807228	4.891317	388.6766	10.00290

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4841318	2.508222	405.9812	15.29932	2.532897	15.00958	403.0821
Stddev	.0007560	.002778	.3770	.01201	.003649	.02476	.4351
%RSD	.1561594	.1107465	.0928552	.0784747	.1440680	.1649321	.1079527

#1	.4834846	2.511088	406.3708	15.31292	2.536546	15.00886	403.5363
#2	.4849628	2.505542	405.9545	15.29484	2.532897	15.03468	403.0412
#3	.4839480	2.508035	405.6183	15.29019	2.529248	14.98519	402.6689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.75569	397.9932	2.510215	1.241961	397.8020	2.453975	14.52612
Stddev	.01627	.6568	.001125	.005260	.9984	.007194	.22000
%RSD	.1102524	.1650306	.0448296	.4235078	.2509896	.2931532	1.514536

#1	14.77430	398.5031	2.510905	1.244017	398.9141	2.449034	14.59741
#2	14.74866	398.2244	2.510824	1.235984	397.5092	2.462229	14.27931
#3	14.74412	397.2520	2.508916	1.245883	396.9827	2.450664	14.70164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.2327	5.080827	4.874640	4.894813	5.098277	4.806620	5.059976
Stddev	.4751	.027770	.012876	.015985	.012617	.006186	.019573
%RSD	.3183337	.5465735	.2641419	.3265670	.2474852	.1287048	.3868223

#1	149.5530	5.111651	4.868710	4.894880	5.110904	4.800726	5.080598
#2	149.4583	5.073071	4.889412	4.878795	5.098259	4.806071	5.041655
#3	148.6869	5.057759	4.865797	4.910764	5.085669	4.813062	5.057677

Sample Name: CCV048 Acquired: 11/07/2019 12:54:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.031220	5.054803	4.940597
Stddev	.012331	.005772	.040218
%RSD	.2450993	.1141836	.8140288

#1	5.021138	5.049450	4.984731
#2	5.044969	5.060918	4.931044
#3	5.027555	5.054041	4.906015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1574.453	3314.417	46342.62	7232.432	3432.519
Stddev	11.288	12.904	86.56	44.801	9.879
%RSD	.7169424	.3893248	.1867725	.6194399	.2878175

#1	1571.556	3309.066	46257.21	7233.307	3421.814
#2	1586.906	3329.135	46340.38	7187.201	3441.286
#3	1564.895	3305.049	46430.28	7276.789	3434.457

Sample Name: CCB048 Acquired: 11/07/2019 12:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001148	.0001851	.0029091	.0010596	.0004428	-.010328	-.000036
Stddev	.001135	.0024507	.0001946	.0035705	.0021370	.014879	.000303
%RSD	98.87578	1324.051	6.687744	336.9591	482.6351	144.0668	854.9270

#1	.000159	.0018909	.0031256	.0009320	.0011343	-.006848	.000315
#2	-.001712	.0012876	.0028529	-.002445	.0021484	.002503	-.000200
#3	-.001889	-.002623	.0027488	.004692	-.001954	-.026638	-.000221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	-.000030	.0008183	.0004635	.0001367	.0022908	.0068277
Stddev	.0000112	.000102	.0032535	.0005794	.0001973	.0011031	.0106859
%RSD	14.36974	344.9519	397.6017	124.9997	144.3112	48.15256	156.5080

#1	.0000677	-.000077	.0043306	.0004212	.0002863	.0011303	.0186894
#2	.0000758	-.000099	.0002168	.0010628	-.000087	.0033256	-.002047
#3	.0000898	.000088	-.002093	-.000094	.000211	.0024165	.003840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000055	.0183579	.0001407	.0008733	.2074026	-.001090	-.003004
Stddev	.0002475	.0238039	.0002422	.0001057	.0650232	.000759	.002182
%RSD	4524.573	129.6658	172.1369	12.10451	31.35120	69.65016	72.65163

#1	.0002844	-.000665	.0001930	.0009267	.2798173	-.001923	-.003857
#2	-.000188	.045051	.0003525	.0009416	.1883739	-.000436	-.004631
#3	-.000080	.010688	-.000123	.0007515	.1540167	-.000912	-.000524

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1561401	.0033178	.0126943	.0005965	-.004895	-.000362	.0020398
Stddev	.0478109	.0003644	.0007116	.0000694	.003992	.000990	.0007661
%RSD	30.62053	10.98331	5.605932	11.63421	81.54404	273.9066	37.55920

#1	.1856534	.0037373	.0123428	.0006502	-.009464	-.001193	.0023359
#2	.1009779	.0031362	.0135133	.0005181	-.002087	.000734	.0011698
#3	.1817891	.0030799	.0122269	.0006211	-.003134	-.000626	.0026137

Sample Name: CCB048 Acquired: 11/07/2019 12:58:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003818	.0087591	.0000417
Stddev	.0011731	.0024314	.0000487
%RSD	307.2199	27.75912	116.7034

#1	.0017316	.0115341	.0000171
#2	-.000392	.0070024	.0000979
#3	-.000194	.0077407	.0000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.670	3797.504	50675.44	7407.107	4267.011
Stddev	7.802	6.098	86.95	22.123	10.775
%RSD	.4211437	.1605855	.1715817	.2986683	.2525212

#1	1846.713	3793.224	50576.37	7389.507	4261.298
#2	1849.794	3804.486	50710.84	7399.873	4279.439
#3	1861.502	3794.802	50739.10	7431.941	4260.294

Sample Name: K5677-19 Acquired: 11/07/2019 13:08:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0482476	.0109187	4.987308	-.037708	.0167705	115.6009	.9733182
Stddev	.0021176	.0013661	.013528	.004179	.0007750	.4969	.0041211
%RSD	4.389061	12.51117	.2712530	11.08330	4.621213	.4298458	.4234081

#1	.0458706	.0120930	4.973208	-.033094	.0176577	116.1687	.9776542
#2	.0499328	.0112436	4.988535	-.041239	.0164284	115.3884	.9694522
#3	.0489393	.0094195	5.000181	-.038791	.0162254	115.2456	.9728483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052283	.0118415	92.81530	.2162415	.1081103	3.800428	266.1847
Stddev	.0001256	.0001213	.14428	.0002073	.0002937	.012462	.6115
%RSD	2.403055	1.024201	.1554539	.0958462	.2716215	.3279094	.2297132

#1	.0052473	.0117390	92.96021	.2161048	.1079003	3.787600	266.8906
#2	.0053434	.0118101	92.81404	.2164800	.1084458	3.812488	265.8199
#3	.0050943	.0119754	92.67165	.2161397	.1079846	3.801196	265.8436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929330	74.82988	.2598379	-.002407	1.723214	.4326144	2.198806
Stddev	.010935	.25026	.0007437	.000255	.329535	.0021661	.021957
%RSD	.2218355	.3344359	.2862007	10.61209	19.12330	.5006889	.9986091

#1	4.940365	75.11692	.2603977	-.002701	2.040446	.4339872	2.207431
#2	4.929128	74.71529	.2601219	-.002238	1.746577	.4301174	2.215141
#3	4.918498	74.65744	.2589941	-.002283	1.382619	.4337385	2.173845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.867518	8.610887	.1214337	.0029961	3.335412	3.968953	.0200802
Stddev	.055747	.014729	.0045575	.0001394	.006690	.035653	.0006877
%RSD	.8117472	.1710466	3.753065	4.650939	.2005616	.8982896	3.424719

#1	6.921991	8.627577	.1197286	.0029499	3.343064	4.007798	.0194506
#2	6.869982	8.599710	.1179746	.0028857	3.330672	3.961338	.0199758
#3	6.810580	8.605374	.1265978	.0031527	3.332498	3.937724	.0208141

Sample Name: K5677-19 Acquired: 11/07/2019 13:08:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMK4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.698223	.1223457	.6049134
Stddev	.023643	.0005518	.0013268
%RSD	.4149258	.4509822	.2193422

#1	5.678516	.1229824	.6050814
#2	5.724439	.1220066	.6061483
#3	5.691713	.1220483	.6035106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.067	4066.811	54808.60	8233.021	4144.241
Stddev	5.670	2.071	64.74	11.434	6.807
%RSD	.2862084	.0509241	.1181121	.1388785	.1642473

#1	1975.185	4066.636	54876.37	8246.119	4146.833
#2	1981.520	4068.964	54747.40	8227.907	4149.372
#3	1986.498	4064.833	54802.03	8225.036	4136.519

Sample Name: K5677-20 Acquired: 11/07/2019 13:12:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578794	.0116127	5.543016	-.038817	.0187511	114.1113
Stddev	.0041091	.0009783	.014761	.001103	.0032943	.3672
%RSD	7.099362	8.424555	.2662903	2.840402	17.56869	.3217931

#1	.0603497	.0119924	5.527554	-.037545	.0220591	114.2144
#2	.0601525	.0123442	5.556958	-.039422	.0187235	113.7035
#3	.0531360	.0105014	5.544537	-.039485	.0154706	114.4159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.173403	.0049818	.0118159	94.96906	.2295720	.1099969
Stddev	.003702	.0000907	.0000889	.28103	.0010841	.0005375
%RSD	.3155266	1.820471	.7528077	.2959176	.4722447	.4886175

#1	1.174229	.0050847	.0117997	95.07635	.2289166	.1094064
#2	1.169357	.0049470	.0119118	94.65019	.2308234	.1101271
#3	1.176622	.0049137	.0117362	95.18064	.2289759	.1104574

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 54.18306	254.0477	5.045727	75.19137	.3171981	-.002379
Stddev	.08454	1.0759	.022177	.28623	.0009201	.000187
%RSD	.1560302	.4234968	.4395178	.3806722	.2900655	7.870565

#1	54.15821	253.8365	5.041906	75.09654	.3171921	-.002280
#2	54.27724	253.0931	5.025709	74.96458	.3162810	-.002261
#3	54.11373	255.2136	5.069566	75.51298	.3181211	-.002595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.864634	.4286000	2.352601	6.775249	8.731472	.1294035
Stddev	.145999	.0027375	.022083	.019246	.057734	.0053499
%RSD	7.829895	.6387077	.9386621	.2840595	.6612185	4.134267

#1	1.990793	.4283645	2.346291	6.794278	8.676551	.1268335
#2	1.704712	.4259879	2.334359	6.775674	8.726207	.1258235
#3	1.898398	.4314477	2.377152	6.755794	8.791658	.1355534

Sample Name: K5677-20 Acquired: 11/07/2019 13:12:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026865	3.723088	3.970336	.0355381	5.303819	.1239686
Stddev	.0002770	.009044	.012102	.0014259	.026086	.0017472
%RSD	10.31056	.2429216	.3048165	4.012429	.4918314	1.409401

#1	.0030007	3.712681	3.978300	.0369934	5.294827	.1247743
#2	.0025810	3.727539	3.976299	.0341435	5.333211	.1251676
#3	.0024778	3.729044	3.956409	.0354775	5.283418	.1219639

Elem	Sr4077
Units	ppm
Avg	.6289417
Stddev	.0016766
%RSD	.2665695

#1	.6285417
#2	.6307821
#3	.6275013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.076	3944.309	54940.94	8334.570	4139.165
Stddev	9.111	12.544	245.15	41.122	5.488
%RSD	.4636671	.3180203	.4461977	.4933899	.1325810

#1	1975.017	3946.160	55069.69	8336.579	4144.635
#2	1957.122	3955.825	54658.24	8292.480	4139.202
#3	1963.088	3930.943	55094.88	8374.650	4133.659

Sample Name: PB124628BL Acquired: 11/07/2019 13:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007210	.0002051	.0021763	-.004828	-.001613	-.009538	-.000447
Stddev	.0014818	.0008318	.0000661	.001085	.000483	.001558	.000326
%RSD	205.5107	405.5890	3.039148	22.46760	29.92688	16.33214	72.86581

#1	.0002070	-.000754	.0021774	-.003786	-.001879	-.010155	-.000809
#2	-.000435	.000731	.0021096	-.005951	-.001904	-.007767	-.000356
#3	.002391	.000638	.0022419	-.004746	-.001056	-.010693	-.000176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000610	-.000060	.0005827	.0005313	-.000026	.0033929	.0141928
Stddev	.0000131	.000079	.0104400	.0001886	.000216	.0014263	.0083243
%RSD	21.51669	131.6096	1791.742	35.50276	846.7765	42.03725	58.65151

#1	.0000761	-.000146	-.000166	.0003641	.000089	.0040355	.0234115
#2	.0000520	.000009	-.009463	.0004939	-.000275	.0017584	.0072265
#3	.0000550	-.000043	.011377	.0007357	.000109	.0043848	.0119403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000455	.0090399	.0005211	.0009053	.2594177	.0013211	-.002916
Stddev	.000398	.0239156	.0001097	.0003729	.0533456	.0007465	.001626
%RSD	87.50468	264.5570	21.05495	41.19128	20.56360	56.50762	55.77719

#1	-.000712	-.011906	.0004794	.0012116	.2381381	.0012464	-.003795
#2	.000004	.035098	.0006455	.0004901	.2199961	.0021022	-.003914
#3	-.000657	.003927	.0004383	.0010141	.3201189	.0006147	-.001039

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067838	.0029415	.0024479	-.000305	-.004800	-.001033	-.000232
Stddev	.042111	.0003521	.0004907	.000002	.002712	.000727	.000855
%RSD	62.07554	11.96985	20.04748	.8068188	56.49128	70.34280	369.0426

#1	-.077512	.0033324	.0030058	-.000302	-.001843	-.001524	-.001136
#2	-.021732	.0028429	.0022552	-.000306	-.007170	-.001377	.000564
#3	-.104271	.0026492	.0020828	-.000306	-.005387	-.000198	-.000123

Sample Name: PB124628BL Acquired: 11/07/2019 13:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW628 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016302	-.000428	-.000043
Stddev	.0014417	.000772	.000074
%RSD	88.43664	180.5203	169.9088

#1	.0002820	-.001243	-.000007
#2	.0014585	.000293	-.000128
#3	.0031500	-.000334	.000005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.831	3772.961	50387.57	7406.097	4246.404
Stddev	7.286	11.378	78.34	52.752	11.031
%RSD	.3951821	.3015593	.1554848	.7122740	.2597729

#1	1848.760	3760.493	50412.63	7416.775	4234.795
#2	1847.272	3775.607	50450.32	7452.693	4247.668
#3	1835.462	3782.782	50299.76	7348.823	4256.748

Sample Name: PB124626BL Acquired: 11/07/2019 13:24:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS626 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002193	.0002829	.0006608	-.001815	.0003867	-.014359	-.000180
Stddev	.001785	.0010925	.0014520	.004900	.0007669	.008884	.000610
%RSD	81.38891	386.1339	219.7173	269.9369	198.3174	61.86934	337.9263

#1	-.002731	.0005061	.0000308	.002468	.0000851	-.021820	.000058
#2	-.000201	-.000904	.0023214	-.000755	.0012585	-.004532	-.000873
#3	-.003648	.001247	-.000370	-.007158	-.000184	-.016723	.000274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000154	-.000091	.0025077	.0000388	.0000293	.0021007	-.000235
Stddev	.0000688	.000069	.0121423	.0001306	.0002313	.0009058	.002764
%RSD	447.4430	75.85191	484.2010	337.0850	789.6231	43.11974	1174.150

#1	-.000037	-.000014	.0068073	.0001488	.0002906	.0018726	-.003350
#2	.000093	-.000146	.0119151	-.000106	-.000149	.0030987	.001927
#3	-.000010	-.000112	-.011199	.000073	-.000053	.0013307	.000717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000614	.0026864	.0001931	.0006829	-.042653	.0010402	-.002848
Stddev	.000054	.0225250	.0002290	.0003822	.120313	.0040110	.002132
%RSD	8.830257	838.4652	118.5797	55.97118	282.0754	385.6124	74.84033

#1	-.000633	.0168995	.0002968	.0005635	.082167	.0048963	-.001997
#2	-.000656	.0144443	.0003518	.0003746	-.157884	.0013338	-.001273
#3	-.000553	-.023284	-.000069	.0011106	-.052241	-.003110	-.005274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012369	.0009233	.0002699	-.000335	-.007854	-.001574	-.000287
Stddev	.027042	.0014057	.0001532	.000183	.001971	.000225	.000582
%RSD	218.6162	152.2517	56.76285	54.56587	25.09277	14.27613	202.8600

#1	-.033539	.0021858	.0004442	-.000470	-.006843	-.001446	.000379
#2	.018093	-.000591	.0001568	-.000410	-.006594	-.001834	-.000541
#3	-.021663	.001176	.0002087	-.000127	-.010125	-.001443	-.000698

Sample Name: PB124626BL Acquired: 11/07/2019 13:24:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS626 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010175	-.001198	.0000485
Stddev	.0002321	.000717	.0000496
%RSD	22.81447	59.80202	102.2217

#1	.0012847	-.001271	.0000930
#2	.0008648	-.000448	.0000575
#3	.0009031	-.001876	-.000005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.014	3779.760	50354.51	7385.249	4264.943
Stddev	11.259	7.411	77.97	47.540	10.236
%RSD	.6162378	.1960770	.1548444	.6437211	.2399999

#1	1836.177	3777.222	50423.41	7413.783	4259.797
#2	1830.420	3788.107	50370.26	7330.368	4276.731
#3	1814.446	3773.952	50269.87	7411.595	4258.302

Sample Name: PB124628BS Acquired: 11/07/2019 13:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS628 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191349	.0543715	.0214590	.0760052	.1257248	.3665244
Stddev	.0017178	.0016467	.0010457	.0020283	.0013462	.0075752
%RSD	8.977190	3.028600	4.873132	2.668676	1.070737	2.066752

#1	.0211173	.0547715	.0219928	.0762471	.1249562	.3707365
#2	.0182018	.0557813	.0202541	.0738667	.1249391	.3577794
#3	.0180856	.0525616	.0221302	.0779017	.1272792	.3710574

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4031526	.0103731	.0101237	10.30631	.0227330	.0994283
Stddev	.0013945	.0000721	.0000262	.01770	.0003626	.0003799
%RSD	.3458975	.6951803	.2584091	.1717605	1.595131	.3820770

#1	.4037821	.0104076	.0100956	10.30734	.0231432	.0993425
#2	.4015543	.0104215	.0101473	10.28811	.0224553	.0998437
#3	.4041213	.0102902	.0101282	10.32347	.0226004	.0990986

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466236	.2073744	.0321196	9.792529	.0835944	.0209244
Stddev	.0003024	.0064497	.0002455	.017596	.0002845	.0001567
%RSD	.6485304	3.110156	.7643309	.1796845	.3403095	.7488280

#1	.0469691	.2001914	.0318462	9.812104	.0833504	.0207793
#2	.0464069	.2092626	.0323213	9.787456	.0839068	.0210905
#3	.0464950	.2126693	.0321912	9.778027	.0835259	.0209035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.508532	.1021958	.1302621	9.391838	.0225759	F .0217373
Stddev	.112606	.0002313	.0038601	.099415	.0026127	.0006252
%RSD	1.184263	.2263648	2.963315	1.058527	11.57287	2.876005

#1	9.611398	.1019600	.1289155	9.396076	.0220764	.0222483
#2	9.525977	.1024224	.1272558	9.290372	.0254023	.0219236
#3	9.388222	.1022050	.1346151	9.489067	.0202490	.0210402

Sample Name: PB124628BS Acquired: 11/07/2019 13:20:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS628 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208099	.1826853	.1906643	.0117808	.2053386	F .0983446
Stddev	.0004423	.0024515	.0009475	.0005907	.0022383	.0012409
%RSD	2.125324	1.341899	.4969320	5.014265	1.090032	1.261752

#1	.0203887	.1825467	.1902224	.0124407	.2054102	.0983890
#2	.0212706	.1852031	.1917520	.0113015	.2075401	.0995626
#3	.0207704	.1803060	.1900184	.0116002	.2030653	.0970821

Elem	Sr4077
Units	ppm
Avg	.1973102
Stddev	.0006076
%RSD	.3079347

#1	.1970148
#2	.1980090
#3	.1969067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.043	3747.765	50322.40	7432.140	4238.962
Stddev	6.903	4.630	141.30	14.868	4.648
%RSD	.3759850	.1235272	.2807882	.2000531	.1096607

#1	1842.756	3744.170	50482.36	7435.599	4235.902
#2	1836.409	3752.989	50270.24	7415.847	4244.311
#3	1828.964	3746.137	50214.58	7444.973	4236.674

Sample Name: K5695-01 Acquired: 11/07/2019 13:32:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060493	.0088714	.0047661	.0053567	.0133337	.0137395	.0251358
Stddev	.0006016	.0016121	.0006892	.0012018	.0004247	.0033279	.0001507
%RSD	9.945225	18.17137	14.46098	22.43590	3.185456	24.22138	.5993612

#1	.0063669	.0100129	.0051074	.0058288	.0135209	.0105893	.0252893
#2	.0064255	.0095739	.0039728	.0062508	.0128475	.0172204	.0249882
#3	.0053554	.0070273	.0052181	.0039905	.0136326	.0134089	.0251300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016781	.0015634	.5582519	.0027747	.0079431	.0034017	.0254733
Stddev	.0000446	.0000187	.0074482	.0003171	.0001272	.0018449	.0065052
%RSD	2.658655	1.194709	1.334196	11.42735	1.601527	54.23393	25.53711

#1	.0016843	.0015428	.5565977	.0030724	.0078564	.0053292	.0304435
#2	.0016307	.0015793	.5517699	.0024413	.0078838	.0032236	.0181107
#3	.0017193	.0015680	.5663881	.0028105	.0080892	.0016523	.0278658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052794	.5225669	.0114785	.0033964	.5683270	.0107558	.0084627
Stddev	.0005092	.0255895	.0003587	.0001764	.1871206	.0001808	.0017918
%RSD	9.645309	4.896884	3.124574	5.192636	32.92482	1.680545	21.17272

#1	.0047005	.5003401	.0118169	.0034251	.5555905	.0109589	.0064734
#2	.0056579	.5505414	.0115161	.0032075	.7614905	.0106962	.0099497
#3	.0054799	.5168191	.0111025	.0035567	.3879000	.0106124	.0089650

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3665418	.0075731	.0251344	.0510708	-.001152	.1363686	.0085211
Stddev	.0711308	.0016559	.0001546	.0001791	.003687	.0023291	.0005154
%RSD	19.40591	21.86506	.6150009	.3507806	320.2021	1.707935	6.048284

#1	.3115401	.0086791	.0249722	.0509126	.000306	.1383226	.0088456
#2	.4468697	.0056694	.0251509	.0510344	.001585	.1337913	.0079269
#3	.3412157	.0083708	.0252800	.0512653	-.005345	.1369918	.0087909

Sample Name: K5695-01 Acquired: 11/07/2019 13:32:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099642	.0028218	.0051874
Stddev	.0002348	.0005781	.0000686
%RSD	2.356368	20.48570	1.322537

#1	.0097588	.0029574	.0051095
#2	.0102202	.0021880	.0052140
#3	.0099138	.0033201	.0052388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.412	3786.395	50430.34	7464.651	4264.576
Stddev	5.669	11.035	110.29	28.883	7.382
%RSD	.3083481	.2914406	.2186949	.3869275	.1730963

#1	1838.023	3794.315	50531.53	7433.145	4269.795
#2	1844.265	3791.078	50312.78	7489.878	4267.803
#3	1832.947	3773.790	50446.73	7470.931	4256.130

Sample Name: PB124626BS Acquired: 11/07/2019 13:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS626 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211088	.0534246	.0220516	.0764995	.1283527	.3655471
Stddev	.0033626	.0008381	.0004282	.0026632	.0003161	.0023880
%RSD	15.92999	1.568817	1.941996	3.481270	.2462770	.6532722

#1	.0225691	.0524660	.0223695	.0793634	.1280091	.3634374
#2	.0172629	.0537893	.0215647	.0740976	.1286311	.3681396
#3	.0234943	.0540187	.0222208	.0760376	.1284177	.3650642

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090151	.0105670	.0103783	10.46134	.0230105	.1009469
Stddev	.0015049	.0001410	.0000216	.01730	.0000156	.0000999
%RSD	.3679204	1.333948	.2077416	.1654084	.0678816	.0989712

#1	.4106766	.0106519	.0103682	10.46522	.0230142	.1008318
#2	.4086247	.0106448	.0103637	10.44242	.0230240	.1010109
#3	.4077438	.0104043	.0104031	10.47637	.0229934	.1009981

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479795	.2062178	.0328224	9.978175	.0847771	.0214324
Stddev	.0018207	.0014058	.0004288	.062123	.0002897	.0001098
%RSD	3.794771	.6816861	1.306542	.6225934	.3417574	.5123069

#1	.0480658	.2067398	.0330091	9.931067	.0847267	.0215132
#2	.0497555	.2046258	.0323319	10.04858	.0850887	.0214767
#3	.0461171	.2072880	.0331262	9.95488	.0845159	.0213074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.708533	.1057174	.1307694	9.564816	.0233189	F .0213709
Stddev	.272583	.0033738	.0008346	.076633	.0006595	.0006910
%RSD	2.807666	3.191376	.6382002	.8011969	2.828104	3.233337

#1	9.883910	.1073386	.1306703	9.476372	.0239266	.0220313
#2	9.847192	.1018389	.1299888	9.606622	.0234124	.0214285
#3	9.394495	.1079746	.1316491	9.611454	.0226176	.0206529

Sample Name: PB124626BS Acquired: 11/07/2019 13:28:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS626 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208581	.1889308	.1937494	.0129718	.2060875	F .0979623
Stddev	.0000728	.0036889	.0027464	.0005353	.0016510	.0001439
%RSD	.3488083	1.952531	1.417478	4.126478	.8011201	.1469042

#1	.0207805	.1849991	.1967927	.0134086	.2044795	.0977990
#2	.0209248	.1923160	.1930000	.0123747	.2077784	.0980176
#3	.0208690	.1894774	.1914555	.0131322	.2060047	.0980704

Elem	Sr4077
Units	ppm
Avg	.1992533
Stddev	.0003452
%RSD	.1732477

#1	.1989287
#2	.1992154
#3	.1996159

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.277	3767.718	50362.83	7479.820	4253.912
Stddev	11.818	2.298	271.78	9.904	1.777
%RSD	.6485330	.0609938	.5396505	.1324136	.0417829

#1	1822.640	3767.862	50348.55	7470.135	4252.758
#2	1810.282	3769.941	50098.47	7479.396	4253.020
#3	1833.909	3765.351	50641.47	7489.930	4255.959

Sample Name: K5695-03 Acquired: 11/07/2019 13:40:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060520	.0076874	.0042125	.0049620	.0142627	.0183855	.0235744
Stddev	.0031133	.0014004	.0012501	.0012104	.0005554	.0048282	.0004483
%RSD	51.44276	18.21707	29.67618	24.39388	3.894381	26.26097	1.901825

#1	.0042692	.0063022	.0028715	.0046297	.0148750	.0194890	.0240832
#2	.0042399	.0091025	.0053457	.0039524	.0137913	.0225665	.0234029
#3	.0096469	.0076574	.0044204	.0063039	.0141217	.0131011	.0232371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014831	.0013785	.4904481	.0023346	.0070905	.0059002	.0308425
Stddev	.0000526	.0000909	.0012523	.0004208	.0003154	.0002486	.0110633
%RSD	3.549903	6.593746	.2553376	18.02475	4.447985	4.213362	35.87029

#1	.0014532	.0013989	.4891468	.0027958	.0067857	.0061193	.0191453
#2	.0015439	.0012791	.4916448	.0019715	.0070703	.0056300	.0322439
#3	.0014522	.0014574	.4905527	.0022365	.0074155	.0059513	.0411383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046661	.4658773	.0102299	.0031149	.3593279	.0076151	.0067695
Stddev	.0005688	.0223862	.0001717	.0000900	.0885851	.0015114	.0026187
%RSD	12.18897	4.805163	1.678670	2.888333	24.65301	19.84683	38.68325

#1	.0049991	.4816915	.0104277	.0032187	.4164799	.0063225	.0077514
#2	.0049898	.4402622	.0101186	.0030602	.2572838	.0092768	.0038018
#3	.0040094	.4756782	.0101434	.0030658	.4042200	.0072458	.0087552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4044361	.0069636	.0225006	.0460607	-.001583	.1239587	.0071265
Stddev	.0224932	.0005976	.0003056	.0003141	.003043	.0019571	.0009215
%RSD	5.561633	8.581926	1.358334	.6819061	192.2209	1.578800	12.93028

#1	.3949534	.0062764	.0226406	.0458951	-.003902	.1232172	.0070026
#2	.3882370	.0073613	.0227111	.0458642	-.002710	.1261781	.0062733
#3	.4301180	.0072531	.0221500	.0464230	.001863	.1224807	.0081037

Sample Name: K5695-03 Acquired: 11/07/2019 13:40:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099884	.0031683	.0045780
Stddev	.0009770	.0008340	.0000991
%RSD	9.781720	26.32229	2.164515

#1	.0111107	.0024441	.0045979
#2	.0095265	.0040801	.0046656
#3	.0093278	.0029808	.0044704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.290	3768.196	50799.12	7348.065	4252.496
Stddev	13.292	5.219	258.97	30.692	6.481
%RSD	.7195676	.1384963	.5097857	.4176924	.1524002

#1	1859.086	3771.535	50919.85	7344.062	4256.318
#2	1849.896	3770.872	50975.67	7319.571	4256.156
#3	1832.887	3762.182	50501.83	7380.563	4245.013

Sample Name: K5695-02 Acquired: 11/07/2019 13:36:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-02 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063390	.0105962	.0043133	.0079550	.0134960	.0167795	.0256864
Stddev	.0027235	.0005681	.0004052	.0014161	.0003588	.0089608	.0002461
%RSD	42.96342	5.361415	9.393179	17.80071	2.658405	53.40350	.9581857

#1	.0042290	.0110507	.0045435	.0093309	.0138388	.0101906	.0254049
#2	.0053746	.0099593	.0045508	.0065019	.0131231	.0269830	.0257931
#3	.0094134	.0107785	.0038454	.0080323	.0135259	.0131647	.0258612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017004	.0015216	.5415316	.0030301	.0080080	.0039386	.0295930
Stddev	.0000716	.0000792	.0092528	.0004158	.0002371	.0006850	.0078648
%RSD	4.209766	5.205080	1.708629	13.72326	2.960418	17.39313	26.57652

#1	.0016312	.0014771	.5331924	.0026332	.0082300	.0043245	.0206400
#2	.0016960	.0014745	.5514854	.0029944	.0080358	.0043437	.0327515
#3	.0017741	.0016130	.5399170	.0034626	.0077583	.0031477	.0353875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050732	.5202612	.0114461	.0031904	.2747837	.0109235	.0078833
Stddev	.0002898	.0182951	.0002112	.0002047	.1275559	.0013438	.0016484
%RSD	5.713187	3.516518	1.845100	6.416622	46.42046	12.30213	20.91025

#1	.0050435	.5153980	.0114727	.0029650	.4201954	.0115480	.0097813
#2	.0053768	.5404965	.0112229	.0033649	.2223775	.0093810	.0070592
#3	.0047994	.5048891	.0116428	.0032411	.1817782	.0118414	.0068095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3748299	.0072073	.0254508	.0511679	-.000084	.1348785	.0091371
Stddev	.0778985	.0012487	.0009622	.0005369	.000484	.0022102	.0007512
%RSD	20.78236	17.32527	3.780464	1.049365	574.1482	1.638651	8.221373

#1	.4545741	.0080116	.0244008	.0515988	-.000599	.1337495	.0096165
#2	.3709969	.0057688	.0256613	.0505664	-.000015	.1334608	.0095235
#3	.2989187	.0078415	.0262902	.0513383	.000361	.1374252	.0082714

Sample Name: K5695-02 Acquired: 11/07/2019 13:36:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0104178	.0023696	.0051544
Stddev	.0014184	.0009965	.0000545
%RSD	13.61512	42.05408	1.057502

#1	.0094501	.0035037	.0051590
#2	.0120460	.0016339	.0052065
#3	.0097572	.0019713	.0050978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.871	3781.357	50662.95	7430.218	4259.206
Stddev	10.191	5.439	348.91	37.893	2.773
%RSD	.5532765	.1438387	.6886910	.5099858	.0651035

#1	1849.708	3784.654	50775.12	7472.484	4258.597
#2	1830.350	3784.338	50271.75	7399.283	4256.788
#3	1845.553	3775.079	50941.98	7418.888	4262.233

Sample Name: K5695-05 Acquired: 11/07/2019 13:49:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062235	.0106995	.0043396	.0030297	.0136988	.0069032	.0251708
Stddev	.0014651	.0001431	.0019816	.0013839	.0011306	.0037248	.0004039
%RSD	23.54105	1.337852	45.66360	45.67884	8.253522	53.95701	1.604710

#1	.0078480	.0108601	.0046677	.0035799	.0136601	.0046836	.0247864
#2	.0050023	.0106530	.0022144	.0014553	.0148484	.0112034	.0251343
#3	.0058202	.0105855	.0061366	.0040539	.0125881	.0048225	.0255917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016151	.0015481	.5423366	.0026839	.0078909	.0069598	.0272676
Stddev	.0000576	.0000696	.0062484	.0003175	.0001454	.0022099	.0044747
%RSD	3.567294	4.493708	1.152125	11.83002	1.842413	31.75253	16.41034

#1	.0016284	.0016010	.5357306	.0029724	.0077239	.0046567	.0267523
#2	.0015520	.0014693	.5431268	.0023437	.0079594	.0090630	.0319776
#3	.0016649	.0015740	.5481522	.0027355	.0079893	.0071596	.0230728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053775	.5150523	.0113007	.0032395	.4217306	.0102390	.0079088
Stddev	.0002641	.0157028	.0001328	.0001065	.1684048	.0031496	.0012607
%RSD	4.911712	3.048779	1.175016	3.288749	39.93184	30.76084	15.93983

#1	.0054127	.5242957	.0111474	.0031220	.2406853	.0066569	.0074472
#2	.0050976	.4969214	.0113732	.0033299	.5737116	.0114856	.0069440
#3	.0056223	.5239398	.0113814	.0032666	.4507950	.0125744	.0093352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3708112	.0069912	.0248965	.0510057	.0017000	.1345493	.0089176
Stddev	.1342524	.0035342	.0015371	.0003194	.0025181	.0023599	.0003085
%RSD	36.20506	50.55268	6.173908	.6262992	148.1287	1.753949	3.459296

#1	.5113734	.0082568	.0266064	.0513343	.0032607	.1372340	.0088362
#2	.2439138	.0097183	.0244534	.0509865	-.001205	.1328025	.0086579
#3	.3571465	.0029984	.0236295	.0506962	.003044	.1336113	.0092586

Sample Name: K5695-05 Acquired: 11/07/2019 13:49:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0108560	.0017574	.0052586
Stddev	.0009221	.0006930	.0000557
%RSD	8.493810	39.42987	1.058645

#1	.0106264	.0018946	.0052027
#2	.0118712	.0023715	.0053141
#3	.0100704	.0010061	.0052589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.828	3777.549	50781.29	7487.464	4252.930
Stddev	2.668	5.944	184.59	55.916	10.709
%RSD	.1448041	.1573380	.3634949	.7467903	.2518113

#1	1839.815	3776.293	50573.33	7438.563	4260.241
#2	1843.776	3784.021	50925.73	7548.426	4257.911
#3	1844.893	3772.334	50844.81	7475.405	4240.637

Sample Name: K5695-04 Acquired: 11/07/2019 13:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065925	.0109668	.0038457	.0036830	.0137168	.0169251	.0258234
Stddev	.0007156	.0017590	.0003518	.0020300	.0015733	.0027299	.0001280
%RSD	10.85551	16.03922	9.147048	55.11742	11.46982	16.12937	.4955497

#1	.0072995	.0102503	.0034503	.0033002	.0137765	.0200201	.0256758
#2	.0066095	.0096791	.0039629	.0058771	.0152594	.0158956	.0258907
#3	.0058685	.0129709	.0041239	.0018717	.0121145	.0148597	.0259036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016561	.0015883	.5541368	.0026427	.0079858	.0066195	.0231884
Stddev	.0000159	.0000548	.0084336	.0001110	.0001691	.0010251	.0041668
%RSD	.9583209	3.450724	1.521932	4.199310	2.117411	15.48613	17.96925

#1	.0016428	.0016035	.5458915	.0025148	.0081690	.0057593	.0204648
#2	.0016737	.0015275	.5537722	.0027127	.0078357	.0077538	.0279851
#3	.0016519	.0016340	.5627468	.0027008	.0079527	.0063453	.0211153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049008	.5287559	.0112790	.0035451	.5683019	.0096813	.0072908
Stddev	.0001606	.0137338	.0002778	.0003018	.2555064	.0035579	.0016659
%RSD	3.277475	2.597378	2.462855	8.511943	44.95962	36.75012	22.84921

#1	.0049622	.5130229	.0110536	.0034707	.3233693	.0074870	.0085789
#2	.0047185	.5348986	.0115893	.0038771	.8332095	.0077705	.0054095
#3	.0050217	.5383462	.0111941	.0032875	.5483270	.0137863	.0078840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3953357	.0072027	.0248267	.0512574	-.000598	.1364327	.0088654
Stddev	.0278883	.0013985	.0003093	.0004649	.000578	.0004474	.0005369
%RSD	7.054323	19.41557	1.245863	.9069750	96.49572	.3279436	6.056276

#1	.4269536	.0080182	.0247185	.0510817	-.001238	.1369418	.0094518
#2	.3848169	.0055880	.0245861	.0509060	-.000444	.1361021	.0087466
#3	.3742366	.0080020	.0251756	.0517846	-.000114	.1362543	.0083979

Sample Name: K5695-04 Acquired: 11/07/2019 13:45:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0106190	.0018969	.0051246
Stddev	.0007021	.0020216	.0000216
%RSD	6.611840	106.5719	.4211180

#1	.0112621	.0003795	.0051222
#2	.0107251	.0041919	.0051474
#3	.0098699	.0011194	.0051044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.401	3785.557	50775.94	7441.204	4270.172
Stddev	4.580	2.973	317.25	52.572	4.240
%RSD	.2485789	.0785253	.6248115	.7064994	.0993020

#1	1841.519	3785.843	51036.49	7462.613	4267.879
#2	1838.326	3782.452	50422.65	7479.693	4267.571
#3	1847.358	3788.376	50868.69	7381.305	4275.065

Sample Name: K5695-07 Acquired: 11/07/2019 13:57:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057808	.0095284	.0036707	.0039567	.0122750	.0124734	.0248590
Stddev	.0015572	.0022134	.0008042	.0027039	.0007047	.0010642	.0003749
%RSD	26.93742	23.22943	21.90746	68.33759	5.741296	8.531605	1.508140

#1	.0040587	.0105622	.0030357	.0008791	.0115622	.0131173	.0249706
#2	.0061939	.0110356	.0045750	.0050400	.0122914	.0130578	.0251654
#3	.0070898	.0069872	.0034015	.0059509	.0129714	.0112451	.0244409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016131	.0015401	.5293394	.0026813	.0075758	.0066013	.0239819
Stddev	.0000744	.0000621	.0065883	.0001734	.0002225	.0017369	.0117587
%RSD	4.613101	4.029593	1.244624	6.467227	2.936590	26.31143	49.03135

#1	.0016480	.0015469	.5308786	.0025263	.0074106	.0080695	.0236640
#2	.0015277	.0014749	.5350219	.0028686	.0074880	.0070505	.0358963
#3	.0016638	.0015984	.5221178	.0026490	.0078287	.0046839	.0123855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045954	.4970699	.0104584	.0033190	.3948443	.0073363	.0077810
Stddev	.0000542	.0127900	.0004148	.0002915	.1861051	.0028270	.0019694
%RSD	1.180464	2.573087	3.966571	8.783325	47.13380	38.53452	25.31034

#1	.0045512	.5063103	.0107495	.0030200	.4119071	.0055962	.0087426
#2	.0046559	.5024270	.0099834	.0036024	.2007953	.0105982	.0090849
#3	.0045792	.4824724	.0106423	.0033347	.5718303	.0058145	.0055156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3245138	.0083304	.0231792	.0491149	-.002180	.1287838	.0091469
Stddev	.0453679	.0019978	.0007767	.0004157	.002220	.0014554	.0000544
%RSD	13.98026	23.98259	3.350767	.8463537	101.8162	1.130098	.5943668

#1	.3674283	.0104575	.0226392	.0489808	-.001624	.1300969	.0090875
#2	.2770373	.0080403	.0228291	.0487828	-.000291	.1272190	.0091941
#3	.3290759	.0064935	.0240693	.0495811	-.004625	.1290355	.0091591

Sample Name: K5695-07 Acquired: 11/07/2019 13:57:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0111734	.0025465	.0049908
Stddev	.0001536	.0017254	.0000562
%RSD	1.374699	67.75393	1.125132

#1	.0113061	.0017319	.0049284
#2	.0112091	.0013793	.0050374
#3	.0110052	.0045283	.0050065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.253	3753.909	50687.01	7369.988	4246.514
Stddev	11.125	15.445	226.92	28.056	5.946
%RSD	.6055434	.4114448	.4476908	.3806755	.1400094

#1	1825.249	3766.786	50434.43	7350.771	4252.521
#2	1847.218	3758.158	50752.95	7402.183	4246.390
#3	1839.292	3736.784	50873.67	7357.011	4240.632

Sample Name: K5695-06 Acquired: 11/07/2019 13:53:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-SOIL-06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069822	.0081027	.0034435	.0044709	.0126037	.0120029	.0231254
Stddev	.0021123	.0011561	.0005697	.0009413	.0012194	.0063089	.0003212
%RSD	30.25218	14.26840	16.54551	21.05507	9.674861	52.56157	1.389002

#1	.0089565	.0076920	.0028172	.0035987	.0140057	.0112702	.0227810
#2	.0072352	.0072079	.0039310	.0054688	.0117893	.0060923	.0234168
#3	.0047548	.0094081	.0035824	.0043453	.0120162	.0186462	.0231785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014323	.0013864	.4848867	.0025451	.0070716	.0074846	.0188654
Stddev	.0000960	.0000287	.0066957	.0003905	.0002385	.0016554	.0095723
%RSD	6.700364	2.070202	1.380880	15.34204	3.372525	22.11720	50.73991

#1	.0014724	.0014182	.4791120	.0021122	.0073082	.0085243	.0272442
#2	.0015016	.0013784	.4922262	.0028706	.0068312	.0083539	.0209190
#3	.0013227	.0013625	.4833218	.0026527	.0070754	.0055757	.0084330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043151	.4590196	.0098167	.0032311	.2499830	.0109352	.0105074
Stddev	.0002878	.0163290	.0004935	.0002528	.0724129	.0027423	.0009965
%RSD	6.669469	3.557368	5.027483	7.823736	28.96714	25.07789	9.484146

#1	.0043281	.4589798	.0092491	.0032883	.1701412	.0122200	.0113138
#2	.0045961	.4753684	.0101448	.0029545	.2683958	.0127993	.0093933
#3	.0040210	.4427105	.0100561	.0034503	.3114120	.0077864	.0108152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3041024	.0081112	.0214951	.0458040	-.003322	.1198021	.0083987
Stddev	.0602526	.0000981	.0009683	.0002339	.001890	.0013344	.0004073
%RSD	19.81325	1.208928	4.504961	.5107551	56.90489	1.113853	4.849651

#1	.2998206	.0080651	.0216326	.0455340	-.001170	.1197753	.0081247
#2	.3663816	.0082238	.0204653	.0459305	-.004715	.1184813	.0082047
#3	.2461049	.0080447	.0223873	.0459474	-.004081	.1211497	.0088668

Sample Name: K5695-06 Acquired: 11/07/2019 13:53:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-SOIL-06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0093506	.0029186	.0046462
Stddev	.0002978	.0005902	.0000374
%RSD	3.184565	20.22058	.8045359

#1	.0090707	.0034150	.0046891
#2	.0096635	.0030746	.0046286
#3	.0093176	.0022661	.0046208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.001	3762.229	51105.82	7443.911	4245.777
Stddev	10.680	2.652	296.05	11.127	7.879
%RSD	.5726532	.0704855	.5792977	.1494728	.1855838

#1	1853.913	3762.426	50779.33	7432.098	4243.924
#2	1865.871	3759.484	51181.29	7454.193	4238.989
#3	1875.220	3764.777	51356.83	7445.440	4254.418

Sample Name: K5695-09 Acquired: 11/07/2019 14:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062432	.0098176	.0035396	.0038359	.0140032	.0069280	.0249712
Stddev	.0010048	.0002770	.0013941	.0017337	.0006009	.0099595	.0002818
%RSD	16.09376	2.821961	39.38618	45.19633	4.290939	143.7573	1.128671

#1	.0070461	.0098922	.0036851	.0022526	.0141555	.0064474	.0248513
#2	.0065671	.0100498	.0020785	.0035667	.0145133	.0171190	.0252931
#3	.0051165	.0095110	.0048553	.0056884	.0133408	-.002783	.0247691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016793	.0015313	.5359308	.0029025	.0081378	.0046457	.0290500
Stddev	.0000793	.0000768	.0060389	.0002784	.0000931	.0020214	.0057749
%RSD	4.719453	5.014227	1.126797	9.591739	1.143667	43.51213	19.87920

#1	.0015931	.0014845	.5424665	.0028091	.0082451	.0025420	.0350385
#2	.0017490	.0014893	.5347682	.0026829	.0080897	.0048217	.0285960
#3	.0016959	.0016199	.5305578	.0032156	.0080786	.0065734	.0235155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052545	.4918243	.0111548	.0033644	.5370612	.0083093	.0097521
Stddev	.0007013	.0295594	.0003737	.0002986	.2024775	.0023907	.0024667
%RSD	13.34622	6.010152	3.350462	8.874705	37.70100	28.77193	25.29397

#1	.0056784	.4784325	.0115821	.0030319	.3242504	.0097215	.0124515
#2	.0056399	.4713311	.0109937	.0036096	.7273164	.0096574	.0091894
#3	.0044450	.5257094	.0108887	.0034516	.5596168	.0055489	.0076153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3339420	.0064914	.0235651	.0506315	-.000398	.1648442	.0093730
Stddev	.0115355	.0002352	.0008039	.0001861	.002932	.0027641	.0004146
%RSD	3.454353	3.622927	3.411310	.3676421	737.2495	1.676774	4.423669

#1	.3218454	.0062293	.0235109	.0507059	-.001767	.1653250	.0094426
#2	.3351609	.0066841	.0243947	.0507689	-.002394	.1618712	.0097485
#3	.3448196	.0065607	.0227897	.0504197	.002968	.1673363	.0089280

Sample Name: K5695-09 Acquired: 11/07/2019 14:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-02 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0111386	.0011795	.0050536
Stddev	.0002627	.0025185	.0000144
%RSD	2.358546	213.5199	.2846318

#1	.0111504	.0035390	.0050388
#2	.0108702	-.001473	.0050543
#3	.0113952	.001472	.0050676

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.739	3766.822	50898.14	7466.485	4250.663
Stddev	8.951	9.962	230.44	7.074	10.200
%RSD	.4823596	.2644692	.4527392	.0947454	.2399680

#1	1845.822	3755.322	50643.17	7459.133	4241.213
#2	1858.173	3772.351	50959.76	7473.244	4261.476
#3	1863.220	3772.794	51091.51	7467.079	4249.300

Sample Name: K5695-08 Acquired: 11/07/2019 14:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052025	.0105740	.0033962	.0028068	.0118498	.0108093	.0227210
Stddev	.0009719	.0005874	.0017835	.0029812	.0008233	.0065416	.0008944
%RSD	18.68038	5.555374	52.51492	106.2152	6.947728	60.51767	3.936432

#1	.0053145	.0105365	.0013535	.0049932	.0127680	.0131367	.0237320
#2	.0041795	.0100061	.0046444	.0040164	.0111773	.0034223	.0223985
#3	.0061135	.0111792	.0041908	-.000589	.0116043	.0158689	.0220326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014427	.0013673	.4742508	.0022495	.0066816	.0053833	.0184137
Stddev	.0000653	.0000282	.0037785	.0002329	.0001507	.0021259	.0228420
%RSD	4.528456	2.063736	.7967300	10.35301	2.255231	39.49080	124.0488

#1	.0014948	.0013976	.4784632	.0023937	.0065461	.0073550	.0440059
#2	.0014638	.0013626	.4711603	.0019809	.0068439	.0056639	.0111439
#3	.0013694	.0013418	.4731289	.0023741	.0066549	.0031310	.0000915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044967	.4508275	.0096433	.0029551	.5782330	.0080950	.0078347
Stddev	.0001006	.0244538	.0001492	.0001178	.1789773	.0032762	.0017789
%RSD	2.237405	5.424195	1.546943	3.987262	30.95246	40.47136	22.70495

#1	.0043809	.4678411	.0095180	.0029300	.5748705	.0118442	.0057809
#2	.0045620	.4618370	.0096037	.0028518	.7588679	.0066571	.0088363
#3	.0045473	.4228043	.0098083	.0030834	.4009606	.0057837	.0088870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3750630	.0057035	.0205846	.0440644	-.003609	.1463393	.0067641
Stddev	.0973828	.0005243	.0004516	.0001896	.005557	.0015970	.0008782
%RSD	25.96440	9.192029	2.193804	.4303725	153.9661	1.091269	12.98308

#1	.3367290	.0051135	.0205846	.0441826	.001513	.1448428	.0061640
#2	.4857794	.0058814	.0201331	.0438457	-.002823	.1480207	.0077721
#3	.3026806	.0061157	.0210362	.0441650	-.009517	.1461544	.0063562

Sample Name: K5695-08 Acquired: 11/07/2019 14:01:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-WATER-01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0087042	.0019063	.0044403
Stddev	.0005814	.0012086	.0001429
%RSD	6.678989	63.40016	3.217213

#1	.0080613	.0007371	.0042838
#2	.0088582	.0031507	.0044735
#3	.0091930	.0018309	.0045637

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.406	3778.046	50965.41	7368.246	4259.255
Stddev	13.443	3.934	205.55	25.032	1.265
%RSD	.7304560	.1041154	.4033082	.3397285	.0296899

#1	1855.622	3780.129	51178.76	7387.548	4258.359
#2	1835.459	3773.509	50948.78	7339.962	4260.702
#3	1830.138	3780.500	50768.67	7377.228	4258.706

Sample Name: K5695-10 Acquired: 11/07/2019 14:09:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032460	.0079831	.0028460	.0032707	.0122690	.0025020	.0221183
Stddev	.0030100	.0019235	.0005375	.0017609	.0009592	.0039813	.0005904
%RSD	92.72887	24.09489	18.88543	53.83787	7.817821	159.1221	2.669360

#1	.0040676	.0060145	.0034432	.0048721	.0133654	.0050379	.0227539
#2	.0057599	.0098581	.0024010	.0035553	.0115852	.0045549	.0215869
#3	-.000089	.0080768	.0026939	.0013849	.0118565	-.002087	.0220142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014983	.0013672	.4830753	.0024254	.0068498	.0039921	.0286723
Stddev	.0000345	.0000789	.0159761	.0001073	.0000709	.0010230	.0022801
%RSD	2.303087	5.769979	3.307174	4.422444	1.035536	25.62548	7.952221

#1	.0014920	.0014504	.4687744	.0024855	.0068922	.0029346	.0309541
#2	.0014673	.0012936	.4801336	.0024891	.0067679	.0040651	.0263939
#3	.0015355	.0013575	.5003178	.0023015	.0068893	.0049767	.0286689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045214	.4440699	.0100970	.0033247	.2633673	.0080875	.0098485
Stddev	.0004458	.0382888	.0004310	.0000506	.0375953	.0035806	.0025128
%RSD	9.859606	8.622239	4.268546	1.523251	14.27485	44.27346	25.51489

#1	.0048332	.4056262	.0100773	.0033681	.2394545	.0041109	.0105970
#2	.0040108	.4822018	.0096762	.0032691	.3067010	.0110561	.0070465
#3	.0047203	.4443818	.0105375	.0033370	.2439464	.0090956	.0119021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3063012	.0069595	.0210193	.0446862	.0000806	.1480215	.0087432
Stddev	.0104402	.0021499	.0005242	.0004028	.0049209	.0014196	.0004571
%RSD	3.408458	30.89122	2.493680	.9012764	6101.540	.9590672	5.227798

#1	.2946788	.0091350	.0206468	.0446084	-.003578	.1488452	.0086350
#2	.3148850	.0069073	.0216187	.0443281	.005675	.1463823	.0092446
#3	.3093398	.0048362	.0207924	.0451222	-.001855	.1488371	.0083498

Sample Name: K5695-10 Acquired: 11/07/2019 14:09:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0090800	.0008570	.0045574
Stddev	.0002956	.0009084	.0000784
%RSD	3.255033	105.9990	1.719493

#1	.0092419	.0005131	.0046379
#2	.0092592	.0018871	.0044814
#3	.0087389	.0001707	.0045529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.912	3757.690	50405.91	7470.813	4238.977
Stddev	15.012	8.932	61.73	70.822	5.619
%RSD	.8203603	.2377020	.1224619	.9479877	.1325610

#1	1820.406	3762.796	50453.39	7391.813	4243.794
#2	1822.112	3762.898	50336.13	7528.616	4240.332
#3	1847.218	3747.376	50428.21	7492.010	4232.804

Sample Name: K5695-11 Acquired: 11/07/2019 14:14:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037211	.0106123	.0025261	.0037985	.0126419	.0144784	.0256479
Stddev	.0018981	.0012016	.0002210	.0008867	.0011719	.0081322	.0009872
%RSD	51.00983	11.32302	8.747040	23.34434	9.270310	56.16745	3.848933

#1	.0047561	.0092563	.0026235	.0028887	.0139928	.0057161	.0267622
#2	.0048768	.0115449	.0022731	.0038467	.0120360	.0159359	.0248829
#3	.0015305	.0110358	.0026816	.0046602	.0118970	.0217833	.0252985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016471	.0015645	.5384881	.0026412	.0078660	.0057870	.0289230
Stddev	.0000719	.0001081	.0034242	.0003261	.0002270	.0017130	.0037545
%RSD	4.364970	6.907711	.6358916	12.34588	2.885978	29.60105	12.98110

#1	.0017068	.0016263	.5382167	.0026651	.0077529	.0044290	.0278097
#2	.0015673	.0014397	.5420399	.0029546	.0081274	.0077115	.0258511
#3	.0016671	.0016275	.5352077	.0023038	.0077178	.0052204	.0331083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052133	.5220667	.0109294	.0035367	.5367431	.0100663	.0102757
Stddev	.0002968	.0100100	.0002432	.0005166	.1493934	.0009156	.0030681
%RSD	5.693738	1.917382	2.224770	14.60634	27.83331	9.095683	29.85799

#1	.0055414	.5230628	.0106794	.0034617	.3977995	.0109445	.0128177
#2	.0051351	.5315414	.0109437	.0040866	.5176745	.0101371	.0068676
#3	.0049635	.5115958	.0111650	.0030617	.6947552	.0091174	.0111419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3543568	.0073066	.0237227	.0504104	-.000286	.1636470	.0089643
Stddev	.0681718	.0008001	.0002855	.0003931	.002955	.0005379	.0000924
%RSD	19.23818	10.95015	1.203423	.7797979	1032.825	.3286875	1.031044

#1	.3862217	.0078367	.0239727	.0501950	-.003087	.1636085	.0090687
#2	.2760876	.0063863	.0237838	.0501720	-.000574	.1631294	.0088928
#3	.4007611	.0076969	.0234116	.0508641	.002803	.1642031	.0089314

Sample Name: K5695-11 Acquired: 11/07/2019 14:14:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-WATER-04 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0109273	.0009935	.0050938
Stddev	.0010644	.0018653	.0000500
%RSD	9.741151	187.7579	.9821927

#1	.0116493	.0009644	.0050757
#2	.0097048	.0028731	.0050553
#3	.0114276	-.000857	.0051504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.835	3759.753	50397.39	7394.238	4246.680
Stddev	16.119	13.119	227.26	19.913	3.266
%RSD	.8751504	.3489417	.4509287	.2693005	.0769045

#1	1826.521	3757.150	50279.75	7408.753	4243.512
#2	1840.332	3773.978	50253.08	7402.424	4250.036
#3	1858.653	3748.130	50659.35	7371.537	4246.492

Sample Name: K5695-12 Acquired: 11/07/2019 14:18:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050275	.0095253	.0031951	.0042809	.0133868	.0142049	.0251665
Stddev	.0033177	.0012160	.0004807	.0024523	.0001735	.0038611	.0005488
%RSD	65.99050	12.76580	15.04462	57.28401	1.296320	27.18129	2.180666

#1	.0030805	.0091615	.0031159	.0031491	.0135188	.0128519	.0245358
#2	.0088582	.0108817	.0037106	.0070947	.0134514	.0112024	.0254286
#3	.0031438	.0085328	.0027590	.0025990	.0131903	.0185604	.0255351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016482	.0015437	.5297796	.0022565	.0077122	.0039808	.0236005
Stddev	.0000058	.0000549	.0110956	.0004331	.0001327	.0036344	.0006271
%RSD	.3532615	3.559140	2.094374	19.19470	1.721160	91.29625	2.657067

#1	.0016470	.0014837	.5238196	.0018421	.0076787	.0059674	.0228865
#2	.0016545	.0015915	.5229377	.0027062	.0078584	.0061890	.0238531
#3	.0016431	.0015560	.5425815	.0022212	.0075994	-.000214	.0240619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051132	.4960577	.0113668	.0034051	.6599378	.0114414	.0078000
Stddev	.0003328	.0284474	.0001060	.0003144	.1082127	.0027034	.0027382
%RSD	6.508712	5.734688	.9322012	9.232704	16.39741	23.62846	35.10468

#1	.0054181	.4641632	.0114362	.0031540	.5641943	.0083829	.0074830
#2	.0047582	.5052000	.0114193	.0037577	.6382761	.0135118	.0052341
#3	.0051635	.5188099	.0112448	.0033035	.7773428	.0124295	.0106829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3901023	.0069532	.0227273	.0503335	-.001229	.1615660	.0085030
Stddev	.0222022	.0004512	.0006697	.0002736	.001105	.0004792	.0005934
%RSD	5.691369	6.489171	2.946628	.5435971	89.90366	.2965725	6.978880

#1	.4100777	.0071742	.0219570	.0506490	-.001339	.1621150	.0086192
#2	.3661979	.0072512	.0231716	.0501898	-.002274	.1612316	.0078601
#3	.3940313	.0064340	.0230533	.0501616	-.000073	.1613516	.0090298

Sample Name: K5695-12 Acquired: 11/07/2019 14:18:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-05 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0110329	.0001466	.0051190
Stddev	.0009041	.0013312	.0001098
%RSD	8.194893	908.1582	2.144724

#1	.0117015	-.001256	.0050146
#2	.0100042	.001392	.0052335
#3	.0113931	.000304	.0051090

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.225	3760.771	50509.94	7392.265	4252.649
Stddev	7.244	5.203	53.44	7.966	1.216
%RSD	.3940802	.1383468	.1057956	.1077594	.0286038

#1	1831.861	3754.883	50484.42	7383.067	4253.942
#2	1836.707	3764.751	50474.05	7396.903	4251.528
#3	1846.108	3762.677	50571.35	7396.825	4252.476

Sample Name: K5695-13 Acquired: 11/07/2019 14:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076085	.0111376	.0039451	.0028219	.0131404	.0108429	.0253726
Stddev	.0020458	.0014653	.0006125	.0018106	.0006999	.0033535	.0001379
%RSD	26.88798	13.15591	15.52580	64.16351	5.326444	30.92860	.5433468

#1	.0096324	.0100719	.0037768	.0036899	.0139323	.0132261	.0254845
#2	.0076517	.0105324	.0046242	.0007407	.0128846	.0070081	.0254147
#3	.0055415	.0128085	.0034344	.0040350	.0126044	.0122944	.0252186

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017382	.0015857	.5438690	.0029444	.0079290	.0070135	.0295128
Stddev	.0001031	.0000689	.0099019	.0005399	.0002115	.0028658	.0066929
%RSD	5.932018	4.345957	1.820650	18.33590	2.667657	40.86207	22.67781

#1	.0016344	.0016433	.5462481	.0024226	.0079902	.0078558	.0220883
#2	.0018406	.0016045	.5329943	.0035007	.0076936	.0038208	.0313672
#3	.0017395	.0015094	.5523647	.0029098	.0081031	.0093637	.0350829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053116	.5085525	.0113306	.0035197	.6223444	.0102250	.0085946
Stddev	.0005290	.0155379	.0002110	.0004215	.2205623	.0022814	.0034363
%RSD	9.959095	3.055326	1.861829	11.97492	35.44055	22.31225	39.98197

#1	.0052166	.4909818	.0110883	.0030526	.7965596	.0078002	.0059404
#2	.0058816	.5204812	.0114734	.0036349	.3743501	.0105458	.0073674
#3	.0048365	.5141944	.0114302	.0038716	.6961236	.0123291	.0124761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3581011	.0061461	.0238588	.0507768	.0008701	.1629723	.0089651
Stddev	.0456748	.0018368	.0007531	.0002769	.0052156	.0028079	.0006327
%RSD	12.75471	29.88632	3.156546	.5454001	599.4351	1.722951	7.057882

#1	.3070572	.0082138	.0229941	.0505146	.0068276	.1597301	.0089399
#2	.3721307	.0055216	.0242109	.0507494	-.001345	.1645713	.0083453
#3	.3951155	.0047030	.0243713	.0510665	-.002872	.1646155	.0096101

Sample Name: K5695-13 Acquired: 11/07/2019 14:22:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-WATER-06 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0101358	.0017771	.0051317
Stddev	.0009638	.0013168	.0001118
%RSD	9.508613	74.09359	2.179059

#1	.0090262	.0013322	.0051718
#2	.0106176	.0007405	.0052179
#3	.0107637	.0032587	.0050053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.817	3764.390	50580.03	7424.981	4243.711
Stddev	13.042	3.133	146.74	17.878	3.828
%RSD	.7116068	.0832363	.2901084	.2407756	.0902034

#1	1846.133	3767.082	50444.53	7423.268	4247.890
#2	1832.249	3765.139	50735.88	7443.654	4240.373
#3	1820.067	3760.950	50559.68	7408.023	4242.872

Sample Name: K5695-14 Acquired: 11/07/2019 14:26:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL-WATER-07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070209	.0087655	.0031849	.0033999	.0127801	.0108425	.0243821
Stddev	.0010397	.0022710	.0009678	.0008219	.0003050	.0062007	.0004034
%RSD	14.80852	25.90791	30.38586	24.17511	2.386362	57.18925	1.654654

#1	.0064346	.0113147	.0042259	.0033695	.0126874	.0142579	.0242283
#2	.0082213	.0080236	.0023126	.0042366	.0131207	.0036850	.0240782
#3	.0064068	.0069583	.0030162	.0025936	.0125323	.0145845	.0248398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016073	.0015318	.5188911	.0027965	.0074758	.0031629	.0298276
Stddev	.0000811	.0000318	.0098448	.0001329	.0002295	.0040024	.0028792
%RSD	5.044688	2.075789	1.897270	4.753876	3.070081	126.5383	9.652702

#1	.0016312	.0014988	.5143667	.0026586	.0072138	.0003117	.0265645
#2	.0016738	.0015344	.5301847	.0029238	.0076413	.0077384	.0309082
#3	.0015170	.0015622	.5121219	.0028072	.0075722	.0014387	.0320101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050415	.4899371	.0109254	.0035376	.3719214	.0104324	.0077188
Stddev	.0002831	.0390434	.0003013	.0000921	.2825654	.0011992	.0032876
%RSD	5.614408	7.969063	2.758174	2.602111	75.97449	11.49539	42.59228

#1	.0053683	.4449882	.0106208	.0035313	.1262939	.0118054	.0113969
#2	.0048793	.5154254	.0112234	.0036327	.6807286	.0099016	.0050660
#3	.0048768	.5093977	.0109322	.0034489	.3087417	.0095900	.0066935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3150127	.0076243	.0223510	.0491480	-.005825	.1292192	.0080081
Stddev	.0236781	.0022244	.0003624	.0001804	.000454	.0005146	.0002758
%RSD	7.516543	29.17553	1.621180	.3670847	7.791282	.3982417	3.444037

#1	.2909124	.0053827	.0224697	.0493223	-.005639	.1296448	.0077358
#2	.3158810	.0098312	.0219442	.0491595	-.006342	.1286473	.0080012
#3	.3382446	.0076590	.0226391	.0489621	-.005493	.1293656	.0082873

Sample Name: K5695-14 Acquired: 11/07/2019 14:26:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL-WATER-07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107533	.0015795	.0049776
Stddev	.0006194	.0016256	.0001068
%RSD	5.760046	102.9182	2.145020

#1	.0103330	.0009927	.0048783
#2	.0114646	.0003288	.0049640
#3	.0104623	.0034170	.0050905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.000	3745.838	50541.78	7455.823	4228.845
Stddev	8.079	3.424	183.11	30.783	3.141
%RSD	.4388620	.0914138	.3623019	.4128726	.0742761

#1	1842.036	3742.412	50604.91	7491.078	4226.915
#2	1848.512	3745.843	50684.98	7434.274	4232.469
#3	1832.453	3749.260	50335.45	7442.115	4227.150

Sample Name: CCV049 Acquired: 11/07/2019 14:30:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960620	4.996401	25.33066	4.888290	4.928622	391.5110	9.962102
Stddev	.006144	.005962	.06540	.018140	.008430	1.1479	.042548
%RSD	.1238613	.1193238	.2582002	.3710954	.1710349	.2931896	.4271034

#1	4.956215	5.000959	25.28909	4.873873	4.934048	391.1059	10.00870
#2	4.958005	4.989654	25.29684	4.908658	4.932907	392.8065	9.95229
#3	4.967639	4.998591	25.40605	4.882338	4.918910	390.6206	9.92532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4814532	2.506810	402.5795	15.34875	2.538923	15.23877	395.8337
Stddev	.0018460	.002442	1.1266	.00863	.003204	.02050	.5738
%RSD	.3834175	.0974320	.2798545	.0562117	.1262095	.1345076	.1449600

#1	.4825197	2.506930	403.5222	15.34092	2.536512	15.23618	396.0737
#2	.4825182	2.504310	402.8844	15.34733	2.537698	15.26044	396.2485
#3	.4793216	2.509190	401.3317	15.35800	2.542560	15.21970	395.1789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55905	390.8103	2.518605	1.235934	393.0159	2.411434	14.10809
Stddev	.01644	.6591	.002941	.002693	2.1760	.008354	.10677
%RSD	.1129119	.1686541	.1167546	.2178788	.5536734	.3464377	.7567857

#1	14.56993	391.2068	2.520126	1.238903	395.4440	2.406538	14.21513
#2	14.56709	391.1747	2.515216	1.233651	392.3615	2.421080	14.00159
#3	14.54014	390.0495	2.520475	1.235247	391.2421	2.406684	14.10756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.0678	5.162720	4.838597	4.933398	5.176997	4.777834	5.093579
Stddev	.8820	.014623	.011440	.003441	.015694	.016520	.004518
%RSD	.6080207	.2832517	.2364382	.0697457	.3031496	.3457677	.0886956

#1	146.0795	5.167263	4.847491	4.930997	5.178542	4.796118	5.091555
#2	144.6632	5.146364	4.842609	4.931857	5.160587	4.773405	5.090428
#3	144.4606	5.174533	4.825691	4.937340	5.191861	4.763980	5.098755

Sample Name: CCV049 Acquired: 11/07/2019 14:30:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.153554	5.115064	5.027895
Stddev	.017625	.013396	.026711
%RSD	.3420004	.2618949	.5312467

#1	5.140585	5.126990	5.050836
#2	5.173622	5.117632	5.034279
#3	5.146455	5.100570	4.998571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.433	3254.611	46313.92	7164.566	3378.515
Stddev	11.312	6.028	40.80	20.795	6.868
%RSD	.7180072	.1852193	.0880915	.2902444	.2032827

#1	1563.383	3261.131	46322.00	7174.855	3384.273
#2	1585.823	3253.463	46350.08	7140.633	3380.358
#3	1577.093	3249.240	46269.69	7178.210	3370.913

Sample Name: K5677-05DLX10 Acquired: 11/07/2019 14:38:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057751	.0021280	26.30361	-.007661	.0010750	9.790306	.2120835
Stddev	.0009621	.0006815	.00393	.000868	.0009828	.090627	.0009316
%RSD	16.65981	32.02426	.0149497	11.32558	91.42140	.9256853	.4392721

#1	.0053434	.0016427	26.30808	-.008584	.0011683	9.859176	.2125934
#2	.0068775	.0029071	26.30068	-.007535	.0020078	9.687636	.2110083
#3	.0051045	.0018343	26.30207	-.006863	.0000489	9.824106	.2126489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006990	.0040894	14.42037	.0279990	.0130631	.1371101	32.84308
Stddev	.0000520	.0000800	.07608	.0002887	.0002304	.0029466	.10720
%RSD	7.436215	1.957205	.5275807	1.030985	1.764031	2.149074	.3264022

#1	.0006882	.0041628	14.47780	.0276661	.0129780	.1380761	32.84607
#2	.0006532	.0041013	14.33408	.0281791	.0133240	.1394524	32.73442
#3	.0007555	.0040041	14.44923	.0281518	.0128873	.1338018	32.94876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6218816	5.713851	.0276259	.0006554	.1429771	.0359042	.5280049
Stddev	.0031746	.010501	.0003274	.0003710	.0111956	.0025565	.0057557
%RSD	.5104782	.1837822	1.185168	56.60032	7.830373	7.120349	1.090085

#1	.6213864	5.712131	.0280023	.0009891	.1417266	.0371495	.5217847
#2	.6189837	5.704316	.0274683	.0002559	.1324592	.0329636	.5331423
#3	.6252747	5.725106	.0274070	.0007213	.1547455	.0375994	.5290877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9239133	2.775913	.0242435	.0012610	1.153790	.2292319	.0065931
Stddev	.1126573	.003490	.0010865	.0000709	.004239	.0014702	.0008872
%RSD	12.19350	.1257400	4.481582	5.621073	.3673980	.6413657	13.45699

#1	1.041788	2.779866	.0230191	.0012630	1.154435	.2306152	.0055718
#2	.912630	2.774620	.0250927	.0011892	1.149265	.2276879	.0071735
#3	.817322	2.773255	.0246187	.0013309	1.157669	.2293926	.0070339

Sample Name: K5677-05DLX10 Acquired: 11/07/2019 14:38:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2807589	.0101314	.1061719
Stddev	.0004749	.0007142	.0002431
%RSD	.1691494	7.049338	.2290084

#1	.2806193	.0109541	.1064424
#2	.2812880	.0096713	.1059716
#3	.2803695	.0097687	.1061017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.735	3768.883	51201.28	7467.532	4234.949
Stddev	7.524	4.621	278.45	64.589	3.039
%RSD	.4071805	.1225994	.5438315	.8649316	.0717630

#1	1852.373	3771.058	51383.37	7404.090	4235.078
#2	1839.054	3763.576	50880.75	7533.210	4231.847
#3	1851.777	3772.015	51339.74	7465.297	4237.922

Sample Name: CCB049 Acquired: 11/07/2019 14:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000461	-.000563	.0029696	-.004249	.0000601	-.001255	.0001196
Stddev	.002449	.001596	.0008262	.002285	.0013641	.007438	.0004103
%RSD	530.8921	283.3735	27.82171	53.76610	2269.988	592.6432	343.0076

#1	-.003113	.000304	.0021533	-.004345	-.001514	.005528	-.000353
#2	.001715	.000411	.0029503	-.006484	.000792	-.009209	.000325
#3	.000014	-.002405	.0038053	-.001918	.000902	-.000084	.000387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000423	-.000035	.0096472	.0005117	-.000043	.0032957	.0193345
Stddev	.0000099	.000045	.0026490	.0003175	.000262	.0024715	.0070571
%RSD	23.43592	128.7609	27.45833	62.04195	607.4089	74.99187	36.49984

#1	.0000390	-.000077	.0089688	.0008777	.000259	.0009945	.0234223
#2	.0000345	.000013	.0125695	.0003469	-.000204	.0059080	.0111858
#3	.0000535	-.000041	.0074035	.0003105	-.000184	.0029845	.0233956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003058	.0390885	-.000024	.0011821	-.313663	-.000655	-.002596
Stddev	.0004110	.0287225	.000120	.0007915	.290804	.002561	.000471
%RSD	134.3987	73.48070	500.6101	66.95431	92.71206	390.9673	18.16055

#1	.0005745	.0623694	-.000124	.0006196	-.023560	-.000631	-.002354
#2	-.000167	.0479049	.000110	.0008396	-.605163	-.003228	-.003139
#3	.000510	.0069912	-.000058	.0020872	-.312267	.001894	-.002295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628181	.0008527	.0081070	.0004305	-.007223	.0002972	.0002629
Stddev	.0183758	.0013216	.0003132	.0002774	.003577	.0008882	.0008447
%RSD	29.25240	154.9903	3.863600	64.44254	49.52133	298.8283	321.2903

#1	.0439739	-.000546	.0084166	.0003056	-.006505	-.000631	.0003196
#2	.0637937	.002080	.0081142	.0007485	-.011105	.000384	.0010778
#3	.0806866	.001024	.0077903	.0002375	-.004060	.001139	-.000609

Sample Name: CCB049 Acquired: 11/07/2019 14:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007627	.0031815	.0001575
Stddev	.0005166	.0001394	.0000990
%RSD	67.72680	4.382296	62.85252

#1	.0002124	.0033161	.0001911
#2	.0008387	.0030377	.0002354
#3	.0012370	.0031905	.0000461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.204	3722.650	50169.79	7365.538	4208.004
Stddev	13.084	9.517	359.32	69.710	4.650
%RSD	.7164737	.2556517	.7162008	.9464355	.1104979

#1	1819.107	3719.835	49859.88	7442.952	4206.603
#2	1841.304	3733.257	50563.65	7307.731	4213.193
#3	1818.202	3714.858	50085.83	7345.931	4204.215

Sample Name: K5677-11DLX2 Acquired: 11/07/2019 14:42:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446875	.0079093	F 186.9561	-.023755	1.026309	59.71002
Stddev	.0041183	.0013661	.4318	.003018	.003877	.33241
%RSD	9.215861	17.27193	.2309873	12.70472	.3777717	.5567039

#1	.0425237	.0068615	186.6114	-.020319	1.022464	59.57464
#2	.0421021	.0094544	186.8163	-.024969	1.026245	60.08876
#3	.0494367	.0074121	187.4405	-.025977	1.030218	59.46666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7443812	.0026413	.0339220	44.83154	.1327367	.0483525
Stddev	.0014712	.0000187	.0002495	.07650	.0004824	.0002063
%RSD	.1976402	.7072090	.7353548	.1706353	.3634181	.4266111

#1	.7428508	.0026240	.0338476	44.84355	.1332813	.0481413
#2	.7457850	.0026389	.0337182	44.90133	.1323631	.0483626
#3	.7445078	.0026611	.0342001	44.74975	.1325656	.0485535

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.47248	135.6434	2.349304	35.28462	.1417475	.0065848
Stddev	.01076	.0638	.002341	.03643	.0004624	.0002953
%RSD	.0582263	.0470075	.0996338	.1032333	.3261913	4.485073

#1	18.47327	135.5718	2.351979	35.24394	.1418252	.0068907
#2	18.46135	135.6940	2.348304	35.31422	.1412512	.0063013
#3	18.48282	135.6645	2.347630	35.29569	.1421661	.0065623

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.122295	.2877734	7.011496	3.022325	5.960734	.0575904
Stddev	.175673	.0040163	.058081	.095408	.009188	.0001647
%RSD	15.65305	1.395639	.8283721	3.156777	.1541481	.2859191

#1	1.290269	.2891705	6.960271	2.999641	5.965038	.0575214
#2	1.136795	.2832452	6.999619	3.127031	5.950183	.0577784
#3	.939821	.2909047	7.074597	2.940303	5.966980	.0574715

Sample Name: K5677-11DLX2 Acquired: 11/07/2019 14:42:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM93 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035513	2.266153	.8750106	.1437748	2.302042	.0554555
Stddev	.0002855	.006314	.0046482	.0010905	.010231	.0006470
%RSD	8.038541	.2786070	.5312168	.7584879	.4444523	1.166694

#1	.0037563	2.261348	.8724741	.1450320	2.310290	.0550963
#2	.0036725	2.263806	.8721825	.1432080	2.290593	.0550678
#3	.0032253	2.273304	.8803752	.1430844	2.305244	.0562024

Elem	Sr4077
Units	ppm
Avg	.2276483
Stddev	.0005850
%RSD	.2569621

#1	.2271465
#2	.2282907
#3	.2275076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.034	3875.993	53615.75	7920.544	4206.477
Stddev	15.347	7.756	102.43	22.072	5.574
%RSD	.8056102	.2001162	.1910406	.2786690	.1325138

#1	1921.237	3868.060	53593.58	7912.218	4202.180
#2	1903.148	3883.560	53727.45	7903.846	4212.775
#3	1890.717	3876.357	53526.22	7945.568	4204.475

Sample Name: K5677-11DL2X10 Acquired: 11/07/2019 14:55:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLM93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069390	-.000392	36.54966	-.005502	.2064511	11.96795	.1485926
Stddev	.0022724	.002535	.03497	.002019	.0013346	.10048	.0016544
%RSD	32.74813	646.9843	.0956788	36.69193	.6464418	.8396123	1.113362

#1	.0046782	-.001770	36.51558	-.005149	.2073714	11.89589	.1471743
#2	.0069158	.002534	36.54794	-.007674	.2049205	11.92523	.1481935
#3	.0092228	-.001940	36.58546	-.003683	.2070615	12.08274	.1504100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004806	.0066528	9.097988	.0272917	.0093502	3.744443	27.67086
Stddev	.0000646	.0000589	.067990	.0003856	.0002606	.006278	.16802
%RSD	13.44952	.8845257	.7473029	1.412718	2.786602	.1676672	.6072195

#1	.0004233	.0067168	9.056481	.0273403	.0090646	3.746210	27.53743
#2	.0004680	.0066010	9.061032	.0268841	.0095750	3.737471	27.61558
#3	.0005507	.0066406	9.176452	.0276506	.0094109	3.749649	27.85956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4771605	7.126131	.0274313	.0020149	.1935831	.0598428	1.403588
Stddev	.0044294	.056219	.0003176	.0002860	.3566163	.0008614	.003581
%RSD	.9282833	.7889192	1.157847	14.19376	184.2187	1.439384	.2551121

#1	.4737366	7.106532	.0271645	.0021132	.4184636	.0589812	1.399463
#2	.4755820	7.082334	.0277826	.0022389	-.217599	.0607039	1.405403
#3	.4821629	7.189526	.0273467	.0016928	.379885	.0598431	1.405897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5639789	1.134922	.0108195	.0007408	.4245078	.1772067	.0286298
Stddev	.0478222	.004578	.0003587	.0002243	.0041109	.0006496	.0006399
%RSD	8.479439	.4034113	3.315425	30.27741	.9683982	.3665679	2.235055

#1	.5257294	1.139351	.0111811	.0009336	.4261040	.1777400	.0293587
#2	.6175957	1.135206	.0108138	.0007942	.4198382	.1764833	.0281608
#3	.5486116	1.130208	.0104637	.0004947	.4275813	.1773968	.0283698

Sample Name: K5677-11DL2X10 Acquired: 11/07/2019 14:55:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLM93 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4643488	.0100250	.0458948
Stddev	.0004587	.0009484	.0000982
%RSD	.0987812	9.460718	.2140628

#1	.4648617	.0095872	.0460061
#2	.4642069	.0111132	.0458200
#3	.4639779	.0093745	.0458583

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.474	3736.997	50356.23	7464.473	4193.748
Stddev	7.738	4.315	124.42	64.939	8.798
%RSD	.4255118	.1154778	.2470866	.8699784	.2097823

#1	1819.566	3735.868	50282.79	7493.298	4187.799
#2	1810.249	3733.358	50286.01	7510.011	4189.591
#3	1825.608	3741.764	50499.89	7390.111	4203.854

Sample Name: K5677-20DLX5 Acquired: 11/07/2019 15:13:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120364	.0033821	1.137179	-.010028	.0054087	23.95342	.2494407
Stddev	.0041141	.0023284	.003477	.002978	.0009241	.05694	.0012755
%RSD	34.18041	68.84465	.3057480	29.69403	17.08620	.2377219	.5113389

#1	.0119956	.0008027	1.136002	-.007132	.0043738	23.90247	.2480853
#2	.0079428	.0040148	1.134444	-.013081	.0057010	24.01489	.2506175
#3	.0161706	.0053286	1.141092	-.009869	.0061514	23.94289	.2496191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011349	.0021889	20.47901	.0512162	.0213349	11.63793	55.43281
Stddev	.0000936	.0001491	.04481	.0004215	.0003138	.01482	.07882
%RSD	8.249737	6.811285	.2187875	.8229245	1.470939	.1273334	.1421898

#1	.0010281	.0020849	20.48193	.0509285	.0216537	11.65502	55.34206
#2	.0012029	.0021220	20.43282	.0510201	.0210263	11.63003	55.48417
#3	.0011737	.0023597	20.52229	.0517000	.0213248	11.62873	55.47220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.095832	15.98524	.0643935	.0004074	.2604041	.0927219	.4995261
Stddev	.000364	.06423	.0008752	.0000568	.0906660	.0023633	.0075566
%RSD	.0332129	.4018256	1.359152	13.93426	34.81743	2.548775	1.512757

#1	1.095422	16.05589	.0634041	.0004729	.1628062	.0908791	.4914194
#2	1.095957	15.93035	.0647101	.0003715	.3420102	.0953863	.5063747
#3	1.096117	15.96949	.0650664	.0003779	.2763958	.0919002	.5007843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.288313	1.724413	.0278433	.0005013	.7132159	.8506766	.0070155
Stddev	.066689	.009532	.0015783	.0002457	.0050039	.0041836	.0013481
%RSD	5.176473	.5527747	5.668441	49.01896	.7015952	.4917932	19.21562

#1	1.271891	1.721740	.0260316	.0005121	.7093608	.8541469	.0062310
#2	1.231369	1.716504	.0289200	.0007414	.7188707	.8460311	.0062434
#3	1.361679	1.734997	.0285784	.0002503	.7114163	.8518518	.0085721

Sample Name: K5677-20DLX5 Acquired: 11/07/2019 15:13:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLMK6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.137924	.0241160	.1350267
Stddev	.002443	.0018514	.0005086
%RSD	.2147071	7.677039	.3766491

#1	1.138657	.0260916	.1348066
#2	1.135198	.0238356	.1356083
#3	1.139916	.0224208	.1346653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.531	3770.269	51131.22	7619.666	4192.316
Stddev	8.256	7.163	290.68	35.233	2.851
%RSD	.4468684	.1899876	.5684899	.4623949	.0679936

#1	1856.857	3762.298	51421.39	7583.147	4189.580
#2	1841.156	3776.167	50840.04	7653.455	4195.269
#3	1844.579	3772.342	51132.21	7622.395	4192.098

Sample Name: CCB050 Acquired: 11/07/2019 15:25:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001110	.0001907	.0029314	.0008423	.0011116	-.004741	.0003401
Stddev	.002463	.0009099	.0019782	.0033502	.0017562	.011318	.0003092
%RSD	221.8591	477.1992	67.48426	397.7245	157.9792	238.7492	90.89928

#1	.001554	.0005177	.0021760	.0009211	-.000419	.008306	-.000010
#2	-.003304	.0008919	.0051760	-.002547	.003029	-.010598	.000456
#3	-.001581	-.000838	.0014422	.004152	.000725	-.011930	.000575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000020	.0014390	.0003956	.0001266	-.000394	.0152911
Stddev	.000028	.0000369	.0119978	.0001604	.0004029	.001138	.0041155
%RSD	178.7458	1875.898	833.7906	40.55107	318.3756	288.6535	26.91463

#1	-.000036	.0000364	.0149520	.0005769	-.000126	-.001696	.0148589
#2	.000016	.0000065	-.002673	.0003380	-.000086	.000097	.0114088
#3	-.000027	-.000037	-.007963	.0002719	.000591	.000416	.0196057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0247154	.0004134	.0009070	-.009251	.0023676	-.003160
Stddev	.000409	.0225265	.0004849	.0002664	.134504	.0027151	.001681
%RSD	1354.752	91.14370	117.2903	29.36761	1453.898	114.6726	53.20436

#1	.000400	.0501997	-.000079	.0010473	.058839	.0054929	-.004819
#2	-.000414	.0164848	.000890	.0005998	-.164185	.0010201	-.001457
#3	-.000077	.0074616	.000429	.0010739	.077592	.0005900	-.003204

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206298	.0008844	.0070084	.0001819	-.005695	-.000767	.0008141
Stddev	.0527255	.0015580	.0017727	.0001654	.002939	.001003	.0003640
%RSD	255.5796	176.1668	25.29334	90.90671	51.60505	130.7766	44.71829

#1	.0809074	-.000037	.0083147	.0001442	-.002364	-.000461	.0003941
#2	-.016921	.002683	.0077200	.0003629	-.007924	.000048	.0010391
#3	-.002097	.000007	.0049905	.0000387	-.006797	-.001886	.0010091

Sample Name: CCB050 Acquired: 11/07/2019 15:25:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002624	.0035571	.0000692
Stddev	.0003747	.0006379	.0000588
%RSD	142.8002	17.93267	84.91867

#1	.0005925	.0029129	.0001225
#2	-.000145	.0041885	.0000789
#3	.000340	.0035700	.0000062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.078	3714.481	49938.68	7376.290	4193.140
Stddev	7.212	6.556	232.50	22.426	11.218
%RSD	.3932037	.1764989	.4655720	.3040266	.2675219

#1	1842.035	3716.178	50134.54	7400.901	4183.260
#2	1832.225	3720.021	49999.77	7370.958	4205.334
#3	1827.973	3707.243	49681.73	7357.010	4190.827

Sample Name: CCV050 Acquired: 11/07/2019 15:21:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.964699	4.963270	25.27861	4.887287	4.950405	398.1483	10.03387
Stddev	.004574	.014601	.06880	.012020	.010316	4.2506	.01669
%RSD	.0921384	.2941711	.2721824	.2459482	.2083918	1.067594	.1662971

#1	4.967935	4.946414	25.23970	4.900038	4.961078	393.2402	10.04663
#2	4.966696	4.972026	25.23807	4.876163	4.940486	400.6192	10.03999
#3	4.959465	4.971367	25.35805	4.885660	4.949651	400.5856	10.01499

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4822468	2.506818	403.6107	15.37500	2.541792	15.23128	398.9337
Stddev	.0036205	.002988	.7678	.01404	.003363	.04173	.5539
%RSD	.7507577	.1191897	.1902244	.0912956	.1322904	.2739654	.1388437

#1	.4785262	2.506566	403.1366	15.37473	2.538875	15.24652	399.5304
#2	.4857581	2.503963	404.4965	15.36110	2.541033	15.26324	398.4361
#3	.4824560	2.509923	403.1990	15.38917	2.545470	15.18407	398.8345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65740	393.1899	2.524450	1.239723	394.3533	2.429045	14.35754
Stddev	.02238	.5032	.003894	.004595	.7640	.007576	.16423
%RSD	.1526637	.1279736	.1542540	.3706518	.1937442	.3119095	1.143888

#1	14.68312	393.7660	2.520672	1.236563	394.5057	2.434702	14.46891
#2	14.64658	392.8364	2.524228	1.237611	395.0297	2.420437	14.16893
#3	14.64248	392.9673	2.528451	1.244994	393.5246	2.431997	14.43479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.5061	5.114441	4.862841	4.949765	5.137547	4.795785	5.073750
Stddev	.7671	.011492	.036029	.004874	.015115	.049039	.006806
%RSD	.5236012	.2247014	.7408977	.0984776	.2942141	1.022544	.1341467

#1	147.2772	5.117469	4.827869	4.952807	5.145602	4.746240	5.079812
#2	146.4981	5.124115	4.899841	4.944143	5.146929	4.844302	5.066387
#3	145.7430	5.101737	4.860815	4.952346	5.120110	4.796814	5.075050

Sample Name: CCV050 Acquired: 11/07/2019 15:21:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1001) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.126665	5.112505	5.082609
Stddev	.013751	.012749	.056970
%RSD	.2682294	.2493726	1.120876

#1	5.120819	5.099206	5.016827
#2	5.142373	5.124623	5.115852
#3	5.116803	5.113686	5.115148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.075	3239.375	45973.73	7155.213	3369.052
Stddev	10.962	2.075	241.36	30.021	1.389
%RSD	.7053809	.0640632	.5249850	.4195698	.0412167

#1	1549.396	3238.338	45874.30	7185.551	3368.550
#2	1566.600	3241.764	46248.92	7125.519	3370.622
#3	1546.229	3238.023	45797.98	7154.569	3367.984