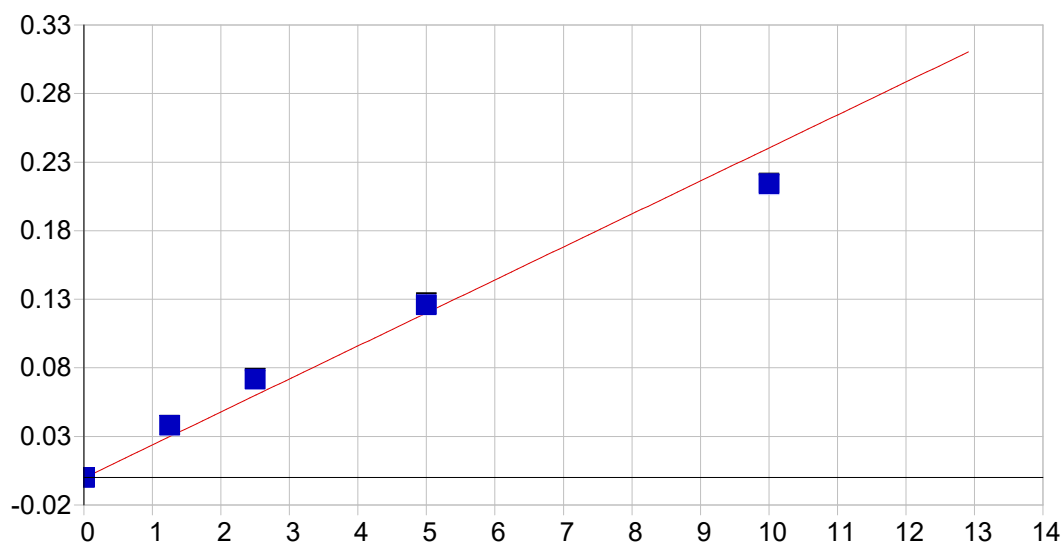


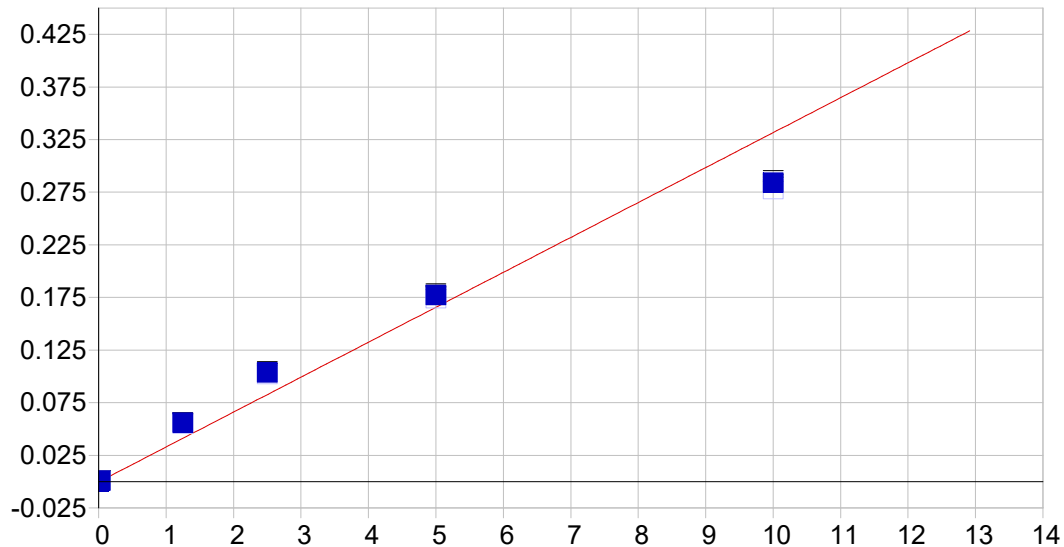


As 189.042 {479}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.024059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991530 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.005794
 Predicted MQL: 0.019314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00027	.000	1
S1	.01000	.01402	.004	40.2	.00006	.000	1
S2	1.2500	1.5906	.341	27.2	.03789	.000	1
S3	2.5000	2.9871	.487	19.5	.07138	.001	1
S4	5.0000	5.2524	.252	5.05	.12567	.001	1
S5	10.000	8.9159	-1.08	-10.8	.21338	.001	1

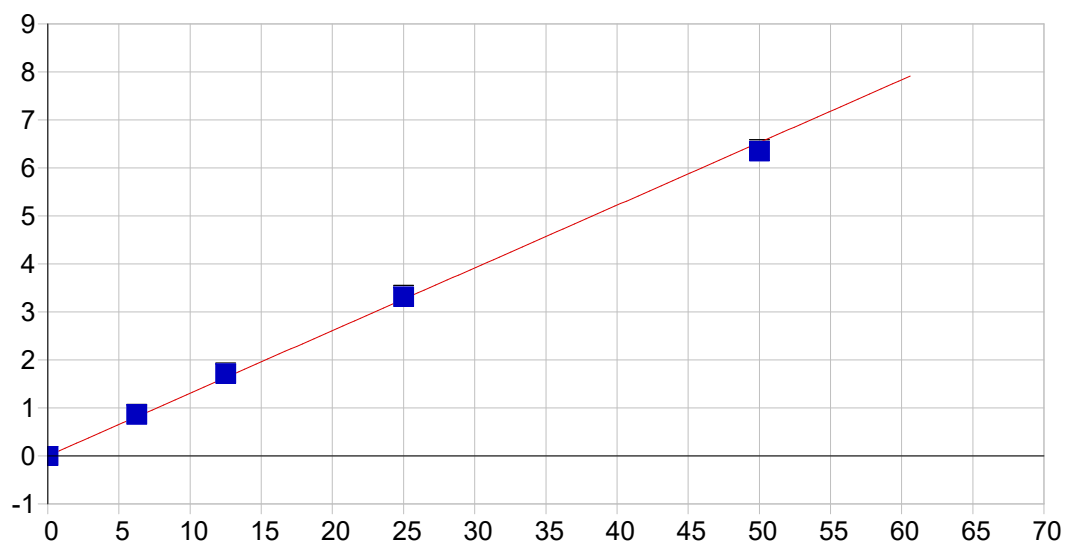


TI 190.856 {477}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000320 Re-Slope: 1.000000
 A1 (Gain): 0.033193 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985121 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.003702
 Predicted MQL: 0.012341

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00032	.000	1
S1	.02500	.03923	.014	56.9	.00095	.000	1
S2	1.2500	1.6893	.439	35.1	.05499	.000	1
S3	2.5000	3.1293	.629	25.2	.10202	.001	1
S4	5.0000	5.3495	.350	6.99	.17419	.001	1
S5	10.000	8.5679	-1.43	-14.3	.27796	.002	1

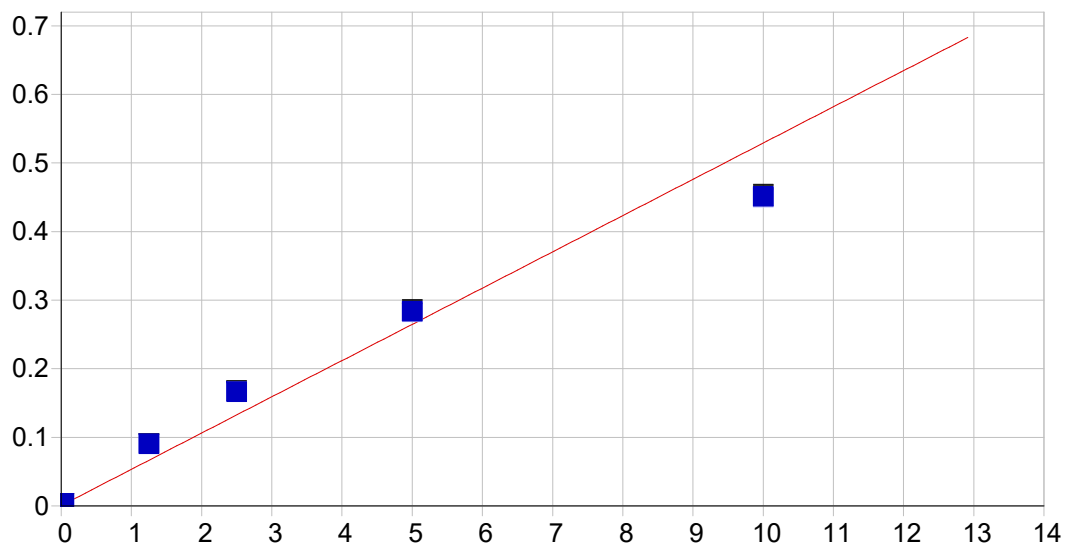


Pb 220.353 {453}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000179	Re-Slope:	1.000000
A1 (Gain):	0.130575	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999473	Status:	OK.
Std Error of Est:	0.000159		
Predicted MDL:	0.002173		
Predicted MQL:	0.007243		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.01000	.01078	.001	7.78	.00123	.000	1
S2	6.2500	6.6062	.356	5.70	.86234	.006	1
S3	12.500	13.142	.642	5.13	1.7156	.012	1
S4	25.000	25.400	.400	1.60	3.3161	.028	1
S5	50.000	48.601	-1.40	-2.80	6.3453	.035	1

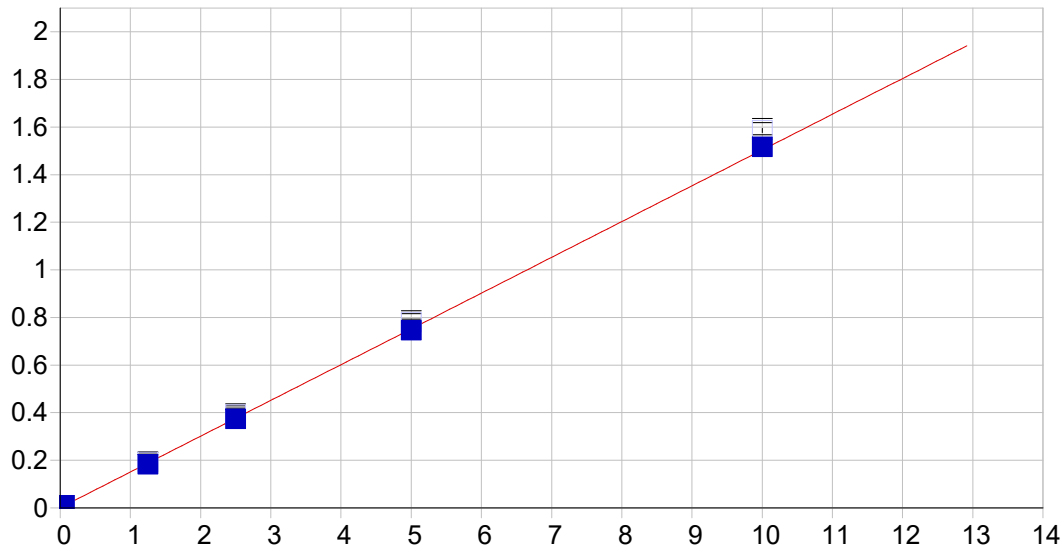


Se 196.090 {472}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000478	Re-Slope:	1.000000
A1 (Gain):	0.052856	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.984714	Status:	OK.
Std Error of Est:	0.000293		
Predicted MDL:	0.004003		
Predicted MQL:	0.013345		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00048	.000	1
S1	.03500	.05827	.023	66.5	.00356	.000	1
S2	1.2500	1.7014	.451	36.1	.09024	.001	1
S3	2.5000	3.1396	.640	25.6	.16608	.001	1
S4	5.0000	5.3580	.358	7.16	.28299	.003	1
S5	10.000	8.5276	-1.47	-14.7	.44982	.003	1

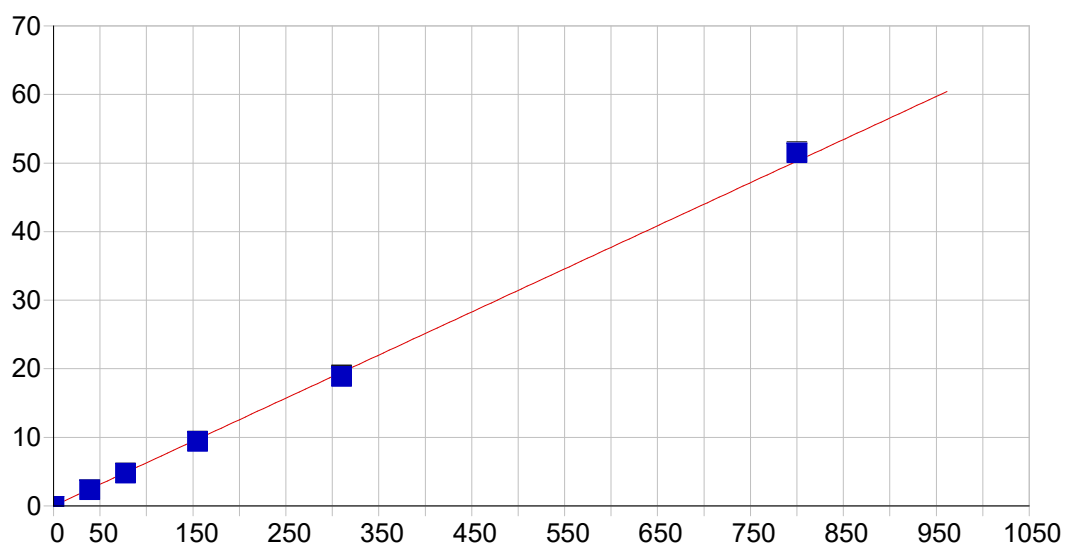


Sb 206.833 {463}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000709 Re-Slope: 1.000000
 A1 (Gain): 0.150280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.001791
 Predicted MQL: 0.005970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00071	.000	1
S1	.06000	.06823	.008	13.7	.01097	.000	1
S2	1.2500	1.2162	-.034	-2.71	.19212	.001	1
S3	2.5000	2.4822	-.018	-.712	.39103	.004	1
S4	5.0000	4.9566	-.043	-.869	.78017	.006	1
S5	10.000	10.087	.087	.872	1.5858	.009	1

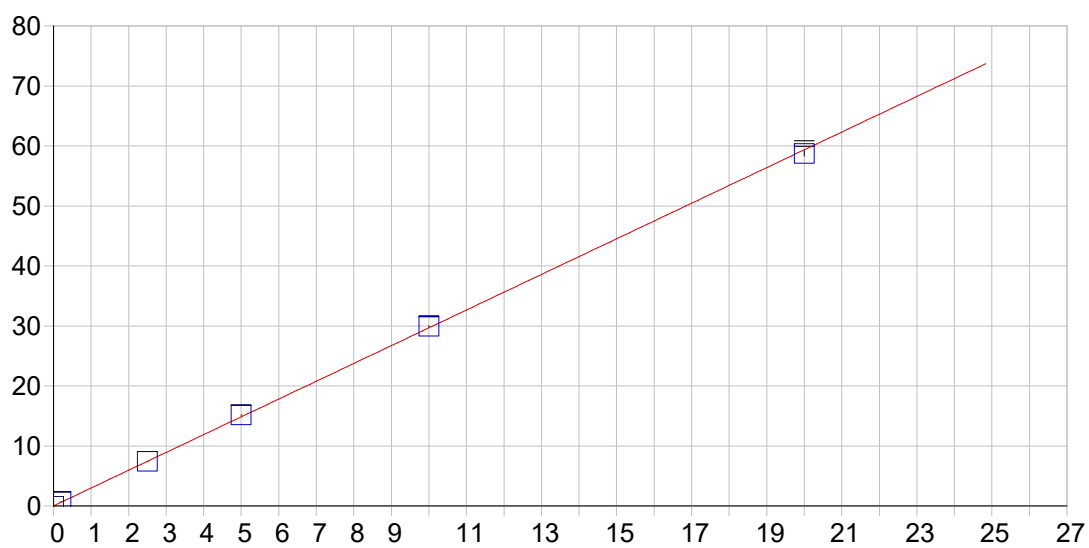


AI 396.152 { 85}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003004 Re-Slope: 1.000000
 A1 (Gain): 0.062847 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999594 Status: OK.
 Std Error of Est: 0.001115
 Predicted MDL: 0.016334
 Predicted MQL: 0.054448

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00301	.000	1
S1	.20000	.20536	.005	2.68	.01613	.001	1
S2	38.750	36.778	-1.97	-5.09	2.3192	.006	1
S3	77.500	75.424	-2.08	-2.68	4.7529	.012	1
S4	155.00	149.43	-5.57	-3.59	9.4138	.024	1
S5	310.00	300.31	-9.69	-3.13	18.915	.165	1
S6	800.00	819.33	19.3	2.42	51.526	.100	1

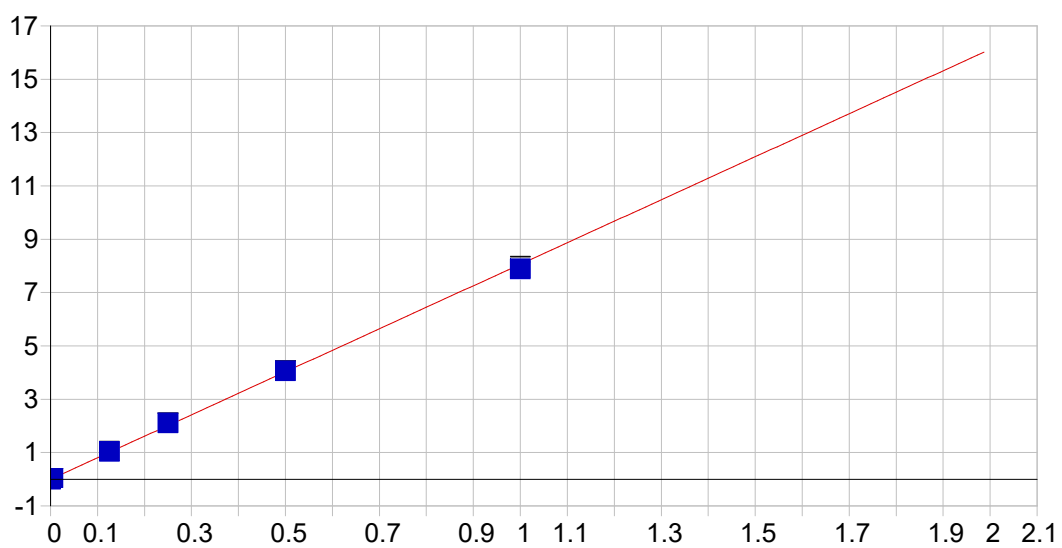


Ba 493.409 { 68}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013635 Re-Slope: 1.000000
 A1 (Gain): 2.966938 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.004591
 Predicted MDL: 0.000975
 Predicted MQL: 0.003250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01355	.002	1
S1	.20000	.22440	.024	12.2	.67940	.001	1
S2	2.5000	2.4991	-.001	-.036	7.4283	.005	1
S3	5.0000	5.1031	.103	2.06	15.154	.012	1
S4	10.000	10.083	.083	.830	29.929	.072	1
S5	20.000	19.790	-.210	-1.05	58.730	.447	1

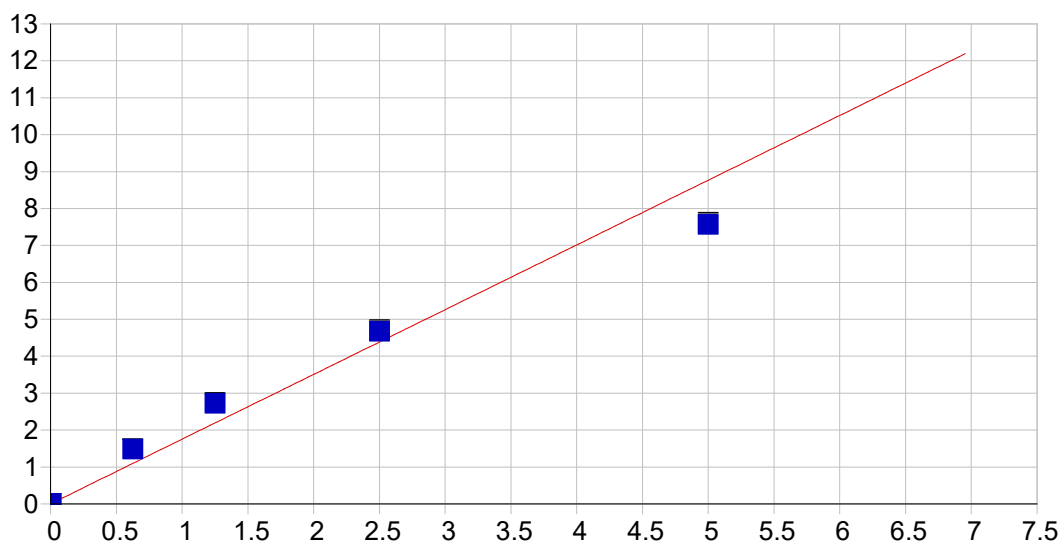


Be 234.861 {144}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002202	Re-Slope:	1.000000
A1 (Gain):	8.063918	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999652	Status:	OK.
Std Error of Est:	0.000796		
Predicted MDL:	0.000070		
Predicted MQL:	0.000234		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00221	.000	1
S1	.00500	.00566	.001	13.2	.04340	.001	1
S2	.12500	.12923	.004	3.38	1.0366	.008	1
S3	.25000	.26189	.012	4.76	2.1030	.012	1
S4	.50000	.50469	.005	.939	4.0542	.009	1
S5	1.0000	.97852	-.021	-2.15	7.8617	.098	1

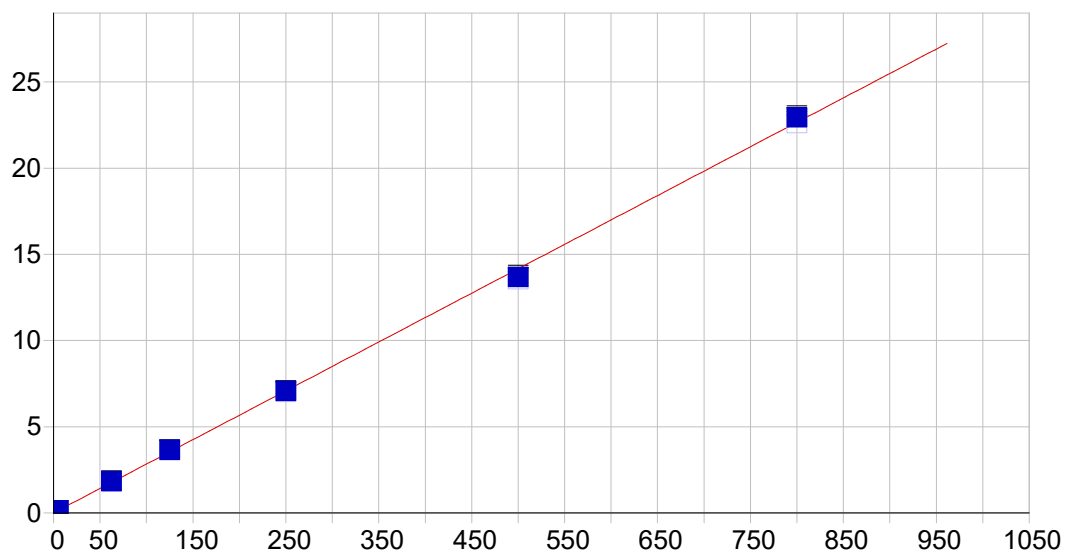


Cd 214.438 {457}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000238 Re-Slope: 1.000000
 A1 (Gain): 1.753453 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986705 Status: OK.
 Std Error of Est: 0.002425
 Predicted MDL: 0.000125
 Predicted MQL: 0.000418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.000	1
S1	.00500	.00784	.003	56.7	.01398	.000	1
S2	.62500	.84308	.218	34.9	1.4802	.012	1
S3	1.2500	1.5507	.301	24.1	2.7227	.018	1
S4	2.5000	2.6651	.165	6.60	4.6801	.034	1
S5	5.0000	4.3133	-.687	-13.7	7.5769	.046	1

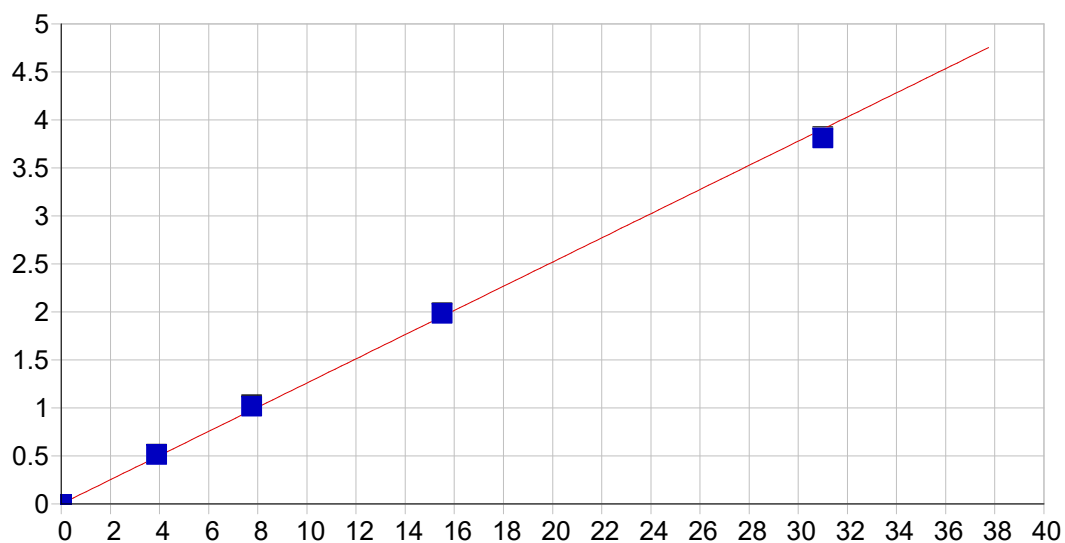


Ca 373.690 { 90}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001346 Re-Slope: 1.000000
 A1 (Gain): 0.028326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.002428
 Predicted MDL: 0.025692
 Predicted MQL: 0.085640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00107	-.001	.000	.00132	.000	1
S1	5.0000	5.8247	.825	16.5	.16629	.001	1
S2	62.500	64.981	2.48	3.97	1.8261	.012	1
S3	125.00	128.85	3.85	3.08	3.6194	.008	1
S4	250.00	249.74	-.258	-.103	7.0121	.014	1
S5	500.00	483.10	-16.9	-3.38	13.559	.103	1
S6	800.00	810.05	10.1	1.26	22.609	.098	1

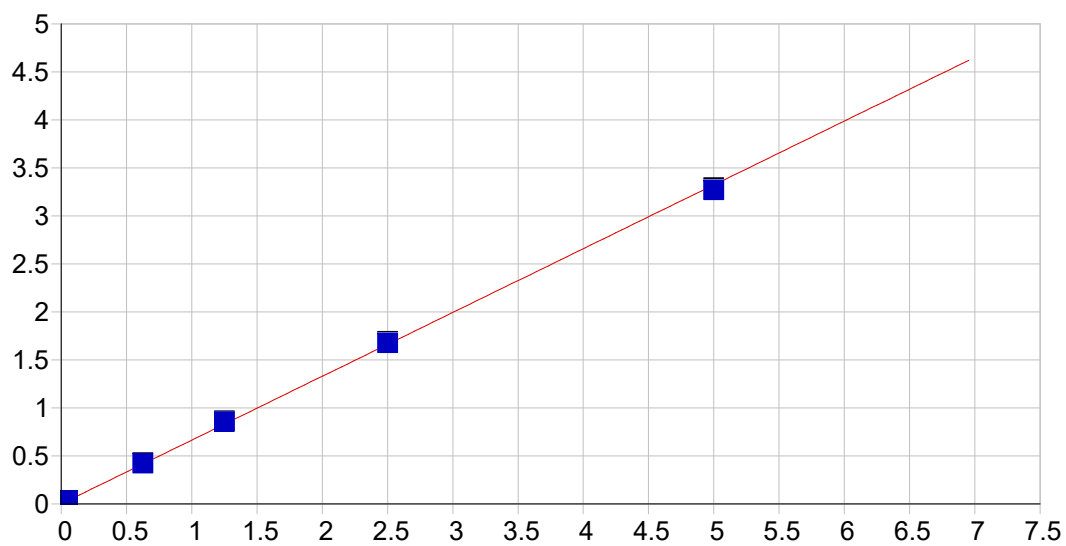


Cr 267.716 {126}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000045	Re-Slope:	1.000000
A1 (Gain):	0.125955	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999604	Status:	OK.
Std Error of Est:	0.000105		
Predicted MDL:	0.000647		
Predicted MQL:	0.002158		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01205	.002	20.5	.00156	.000	1
S2	3.8750	4.0684	.193	4.99	.51309	.005	1
S3	7.7500	8.0734	.323	4.17	1.0181	.012	1
S4	15.500	15.744	.244	1.57	1.9855	.004	1
S5	31.000	30.237	-.763	-2.46	3.8134	.010	1

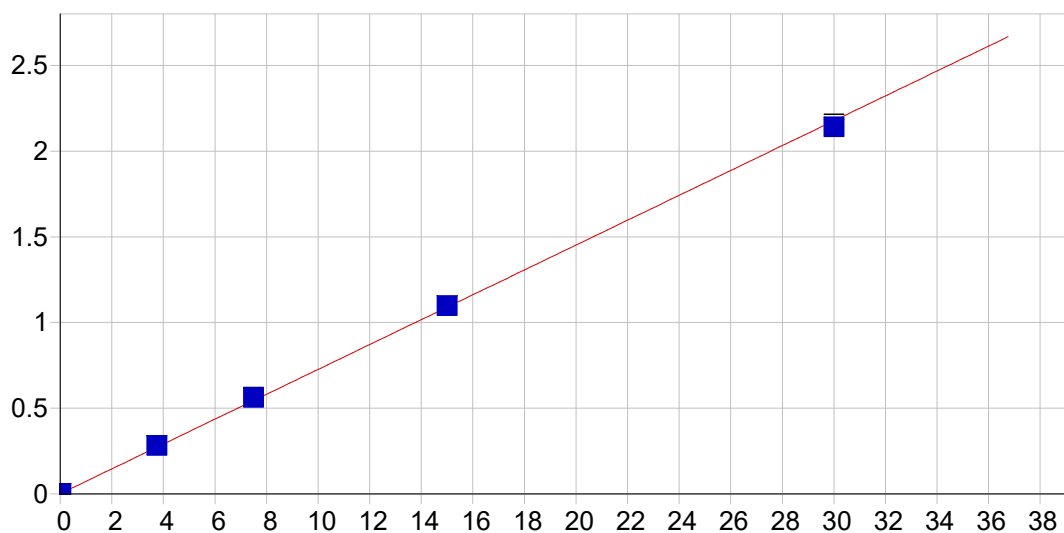


Co 228.616 {448}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000132	Re-Slope:	1.000000
A1 (Gain):	0.664601	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999804	Status:	OK.
Std Error of Est:	0.000350		
Predicted MDL:	0.000327		
Predicted MQL:	0.001090		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00013	.000	1
S1	.05000	.05605	.006	12.1	.03750	.000	1
S2	.62500	.63748	.012	2.00	.42446	.002	1
S3	1.2500	1.2890	.039	3.12	.85814	.006	1
S4	2.5000	2.5229	.023	.916	1.6795	.013	1
S5	5.0000	4.9195	-.080	-1.61	3.2749	.018	1

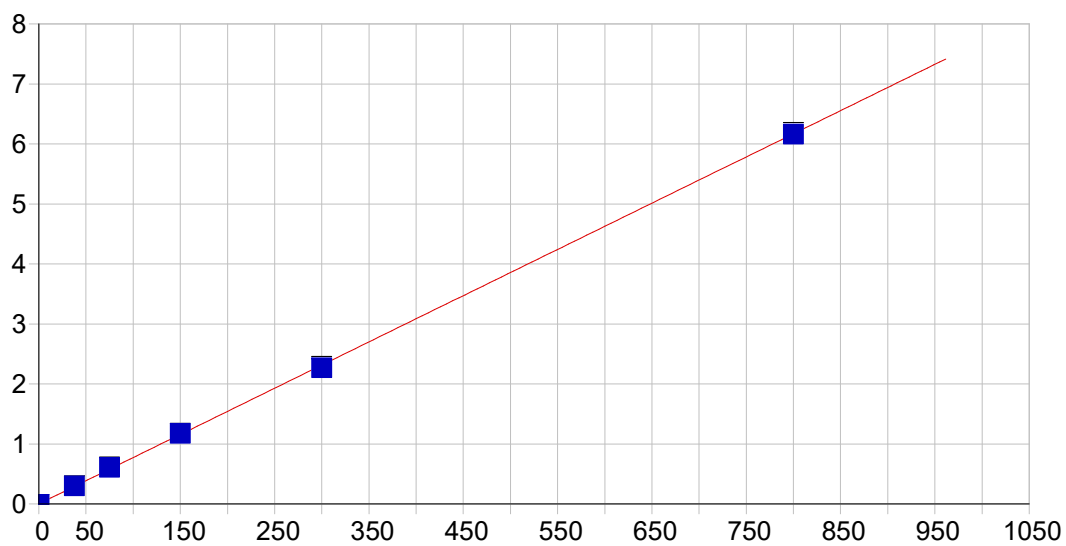


Cu 324.754 {104}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000995	Re-Slope:	1.000000
A1 (Gain):	0.072540	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.006251		
Predicted MQL:	0.020837		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00099	.000	1
S1	.02500	.03276	.008	31.1	.00337	.000	1
S2	3.7500	3.8602	.110	2.94	.28081	.000	1
S3	7.5000	7.7415	.242	3.22	.56216	.001	1
S4	15.000	15.130	.130	.869	1.0977	.001	1
S5	30.000	29.510	-.490	-1.63	2.1400	.016	1

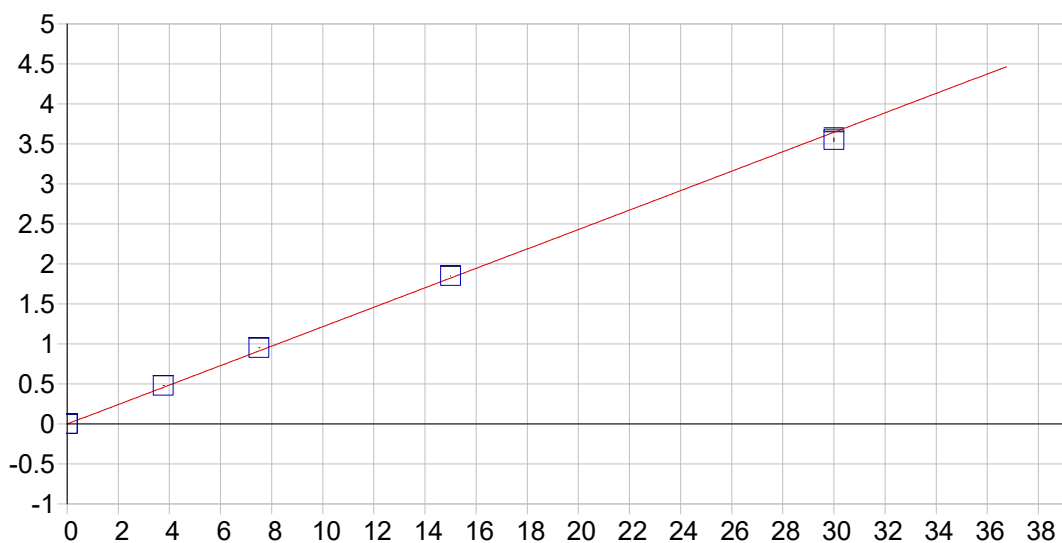


Fe 259.837 {130}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000203 Re-Slope: 1.000000
 A1 (Gain): 0.007711 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.031513
 Predicted MQL: 0.105044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00020	.000	1
S1	.10000	.11584	.016	15.8	.00113	.000	1
S2	37.500	38.821	1.32	3.52	.30017	.004	1
S3	75.000	78.852	3.85	5.14	.60947	.004	1
S4	150.00	152.21	2.21	1.48	1.1764	.001	1
S5	300.00	293.71	-6.29	-2.10	2.2699	.025	1
S6	800.00	798.89	-1.11	-.139	6.1686	.025	1

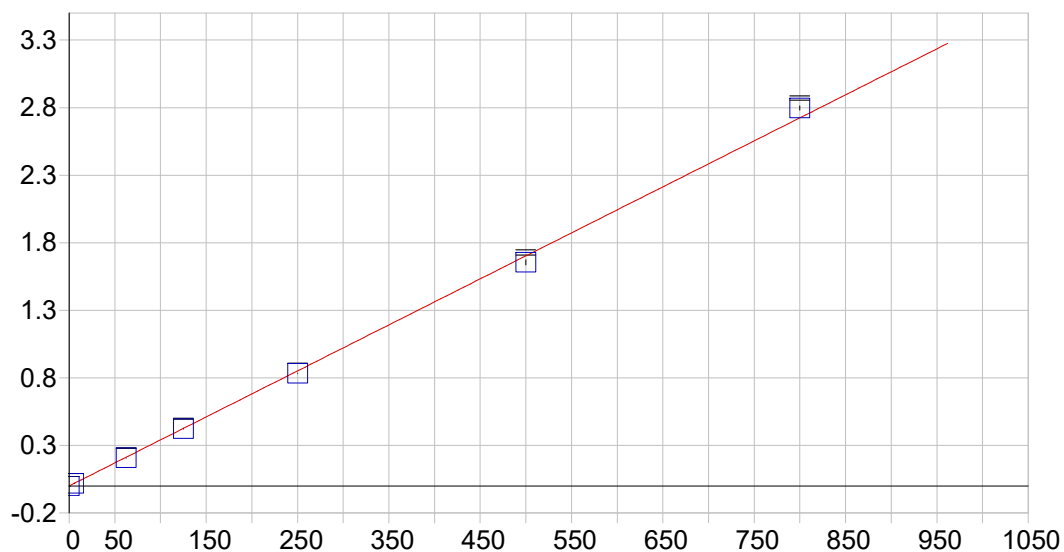


Mn 257.610 {131}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000034 Re-Slope: 1.000000
 A1 (Gain): 0.121509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999550 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.001775
 Predicted MQL: 0.005917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.01500	.01884	.004	25.6	.00232	.000	1
S2	3.7500	3.9497	.200	5.32	.47995	.001	1
S3	7.5000	7.8389	.339	4.52	.95253	.001	1
S4	15.000	15.234	.234	1.56	1.8511	.002	1
S5	30.000	29.224	-.776	-2.59	3.5510	.024	1

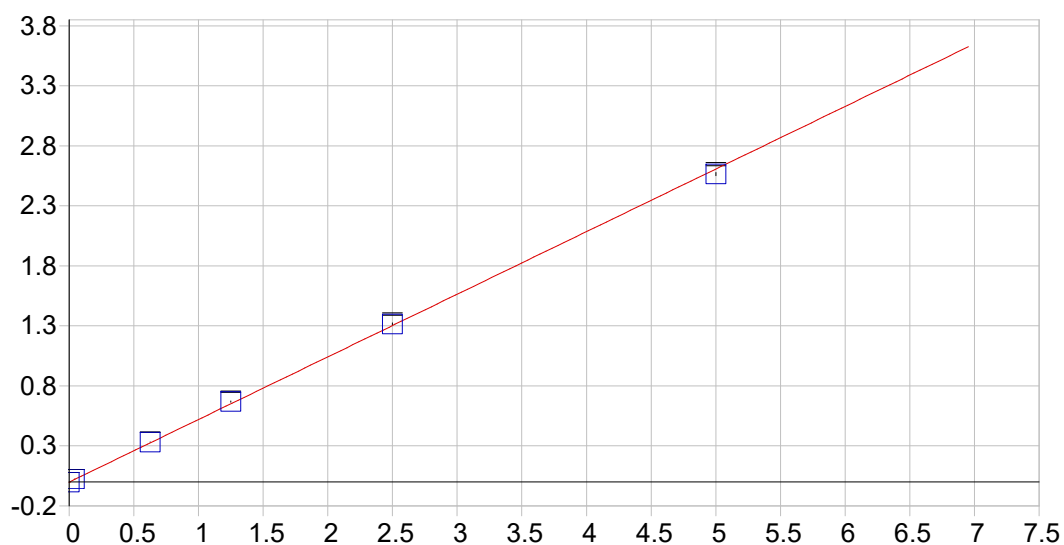


Mg 279.079 {121}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000231	Re-Slope:	1.000000
A1 (Gain):	0.003406	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999660	Status:	OK.
Std Error of Est:	0.000310		
Predicted MDL:	0.081229		
Predicted MQL:	0.270764		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	-.000	.000	-.00023	.000	1
S1	5.0000	5.4433	.443	8.87	.01831	.000	1
S2	62.500	60.701	-1.80	-2.88	.20651	.002	1
S3	125.00	124.37	-.626	-.501	.42337	.004	1
S4	250.00	244.84	-5.16	-2.06	.83365	.001	1
S5	500.00	485.70	-14.3	-2.86	1.6540	.019	1
S6	800.00	821.45	21.4	2.68	2.7975	.015	1

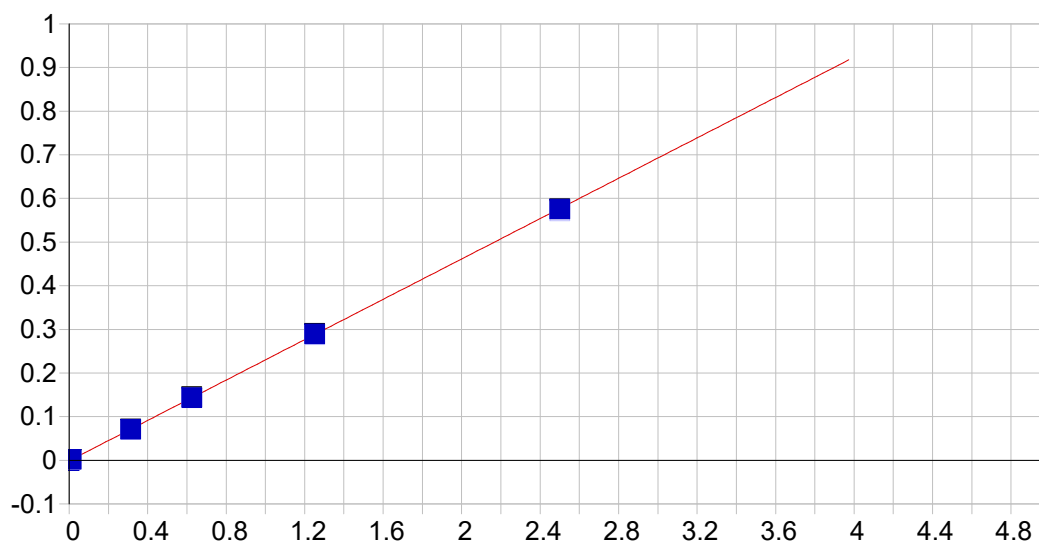


Ni 231.604 {446}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001439	Re-Slope:	1.000000
A1 (Gain):	0.521645	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999793	Status:	OK.
Std Error of Est:	0.000252		
Predicted MDL:	0.000479		
Predicted MQL:	0.001597		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00144	.000	1
S1	.04000	.04625	.006	15.6	.02269	.000	1
S2	.62500	.63771	.013	2.03	.33122	.002	1
S3	1.2500	1.2874	.037	3.00	.67015	.005	1
S4	2.5000	2.5243	.024	.974	1.3154	.009	1
S5	5.0000	4.9192	-.081	-1.62	2.5647	.013	1

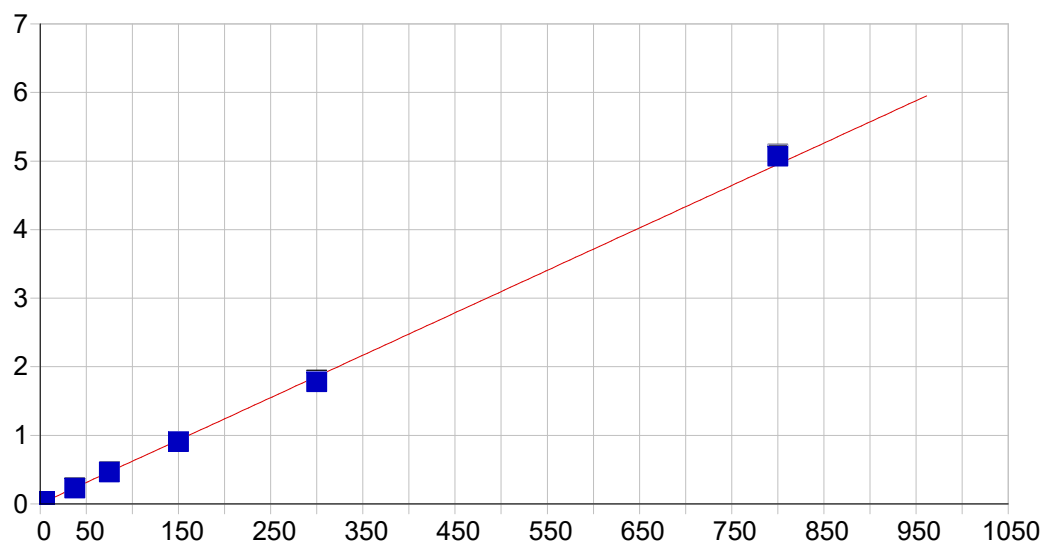


Ag 328.068 {103}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001180 Re-Slope: 1.000000
 A1 (Gain): 0.231242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.000587
 Predicted MQL: 0.001956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00118	.000	1
S1	.01000	.01191	.002	19.1	.00155	.000	1
S2	.31250	.31150	-.001	-.319	.07038	.001	1
S3	.62500	.62664	.002	.262	.14278	.002	1
S4	1.2500	1.2553	.005	.424	.28721	.002	1
S5	2.5000	2.4922	-.008	-.314	.57134	.001	1

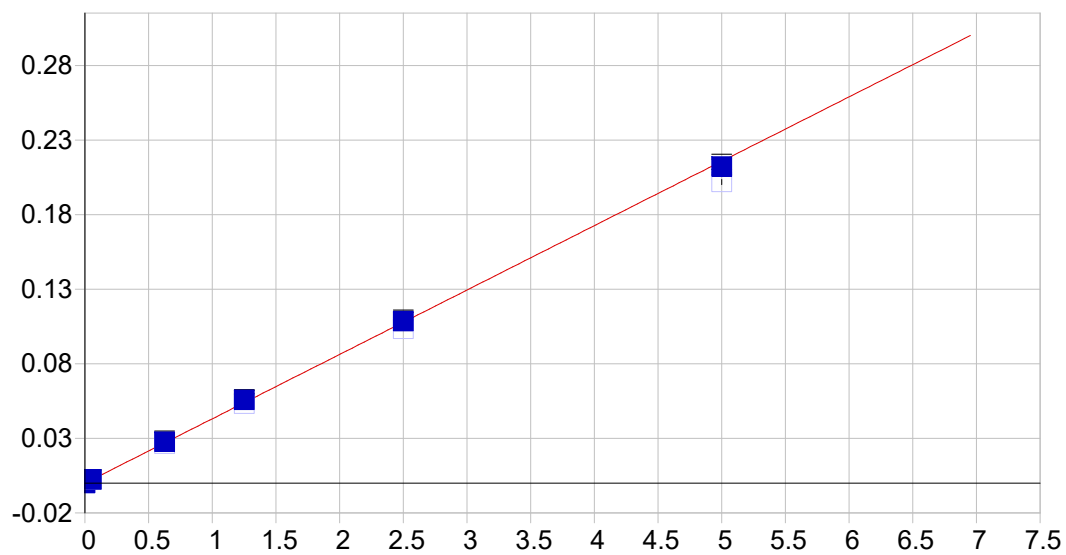


Na 818.326 { 41}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003566	Re-Slope:	1.000000
A1 (Gain):	0.006186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999584	Status:	OK.
Std Error of Est:	0.000554		
Predicted MDL:	0.376898		
Predicted MQL:	1.256325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	.00357	.002	1
S1	5.0000	5.1491	.149	2.98	.03542	.003	1
S2	37.500	36.546	-.954	-2.54	.23066	.000	1
S3	75.000	74.233	-.767	-1.02	.46482	.000	1
S4	150.00	145.77	-4.23	-2.82	.90937	.003	1
S5	300.00	287.11	-12.9	-4.30	1.7878	.018	1
S6	800.00	818.70	18.7	2.34	5.0899	.010	1

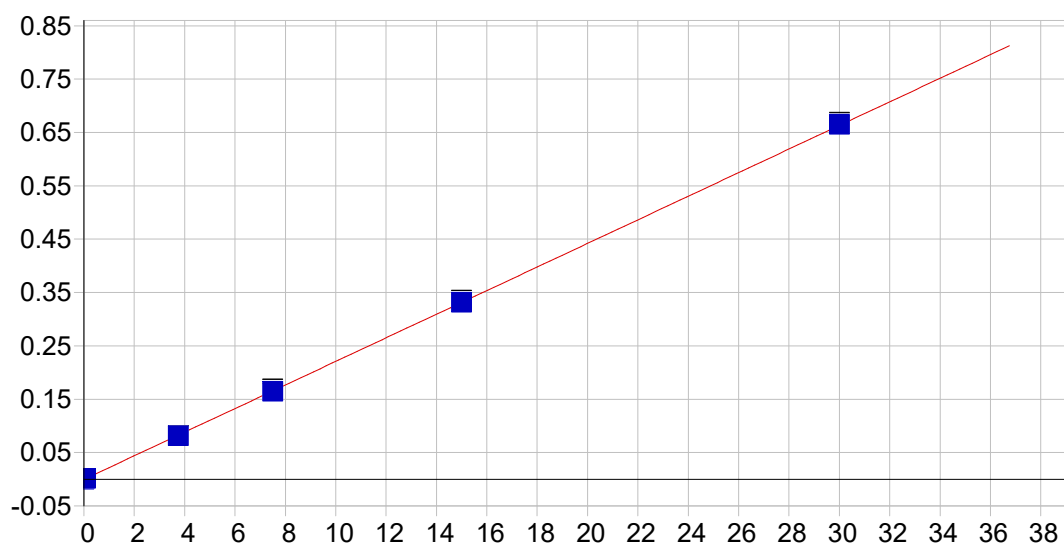


V 292.402 {115}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000073	Re-Slope:	1.000000
A1 (Gain):	0.043162	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.007857		
Predicted MQL:	0.026190		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00007	.000	1
S1	.05000	.05323	.003	6.46	.00222	.000	1
S2	.62500	.64250	.018	2.80	.02637	.001	1
S3	1.2500	1.2945	.044	3.56	.05321	.000	1
S4	2.5000	2.5175	.018	.701	.10342	.001	1
S5	5.0000	4.9171	-.083	-1.66	.20181	.002	1

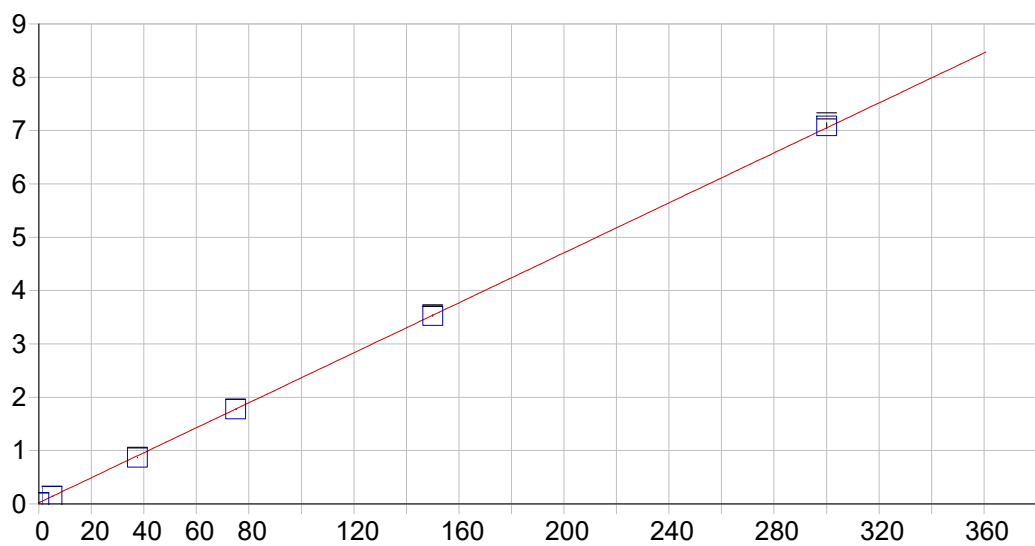


Zn 213.856 {158}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000256	Re-Slope:	1.000000
A1 (Gain):	0.022115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.016901		
Predicted MQL:	0.056336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00026	.000	1
S1	.06000	.08035	.020	33.9	.00152	.000	1
S2	3.7500	3.6927	-.057	-1.53	.08154	.000	1
S3	7.5000	7.4536	-.046	-.619	.16485	.004	1
S4	15.000	14.995	-.005	-.035	.33189	.004	1
S5	30.000	30.089	.089	.296	.66624	.003	1

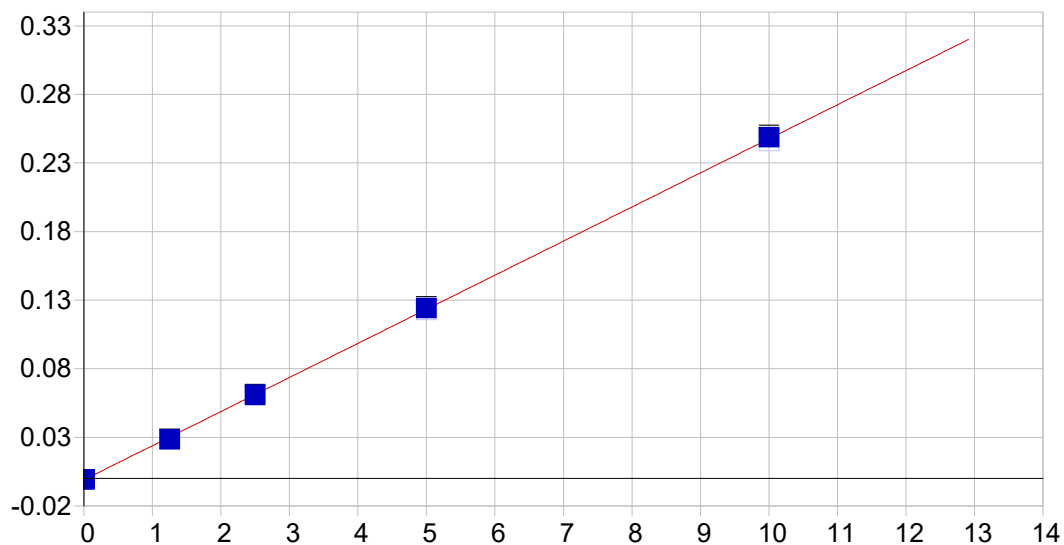


K 769.896 { 44}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022712 Re-Slope: 1.000000
 A1 (Gain): 0.023427 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000556
 Predicted MDL: 0.087231
 Predicted MQL: 0.290771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.02271	.000	1
S1	5.0000	5.2639	.264	5.28	.14603	.001	1
S2	37.500	36.111	-1.39	-3.71	.86867	.005	1
S3	75.000	74.856	-.144	-.192	1.7763	.002	1
S4	150.00	149.66	-.341	-.227	3.5288	.015	1
S5	300.00	301.61	1.61	.537	7.0885	.059	1

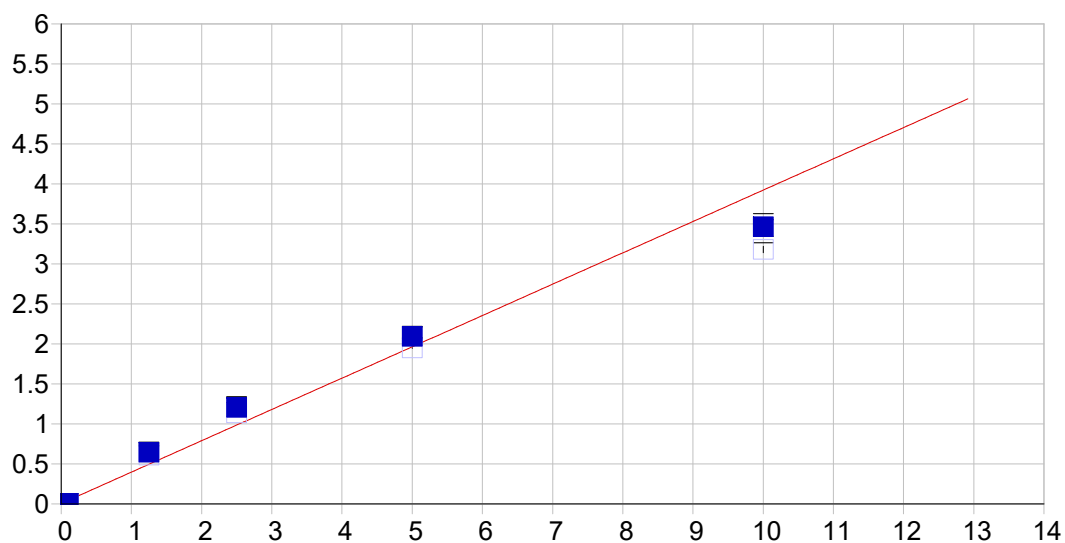


P 177.495 {490}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000942 Re-Slope: 1.000000
 A1 (Gain): 0.024859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.003733
 Predicted MQL: 0.012443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.01000	.00864	-.001	-13.6	-.00073	.000	1
S2	1.2500	1.1879	-.062	-4.97	.02824	.000	1
S3	2.5000	2.4895	-.010	-.419	.06025	.001	1
S4	5.0000	5.0291	.029	.582	.12268	.001	1
S5	10.000	10.045	.045	.448	.24598	.002	1

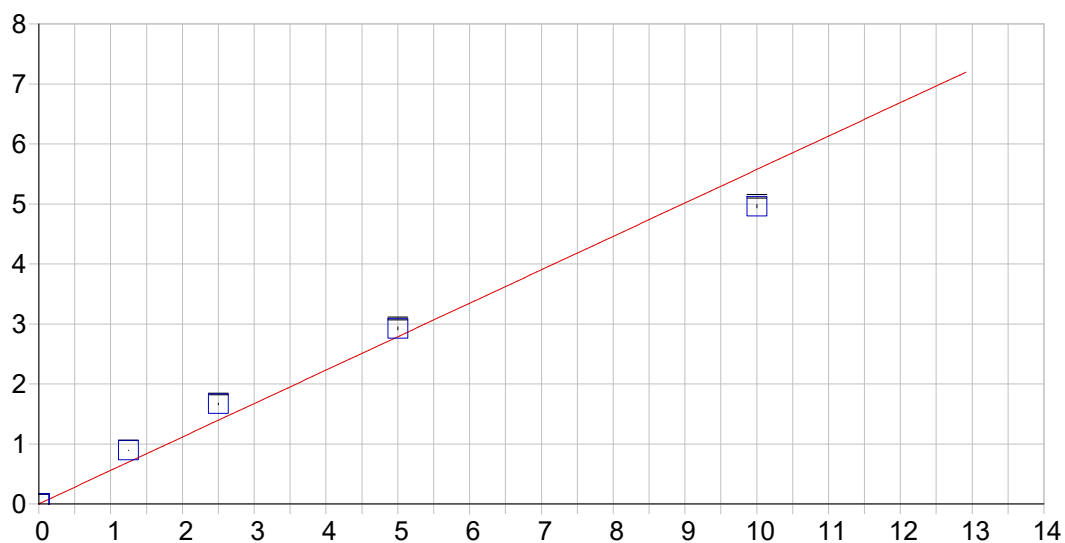


B 249.678 {135}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005907 Re-Slope: 1.000000
 A1 (Gain): 0.391563 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985500 Status: OK.
 Std Error of Est: 0.003324
 Predicted MDL: 0.001672
 Predicted MQL: 0.005574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00592	.000	1
S1	.10000	.00848	-.092	-91.5	.00915	.000	1
S2	1.2500	1.6254	.375	30.0	.60683	.006	1
S3	2.5000	3.0634	.563	22.5	1.1344	.009	1
S4	5.0000	5.3264	.326	6.53	1.9494	.004	1
S5	10.000	8.8333	-1.17	-11.7	3.1805	.039	1

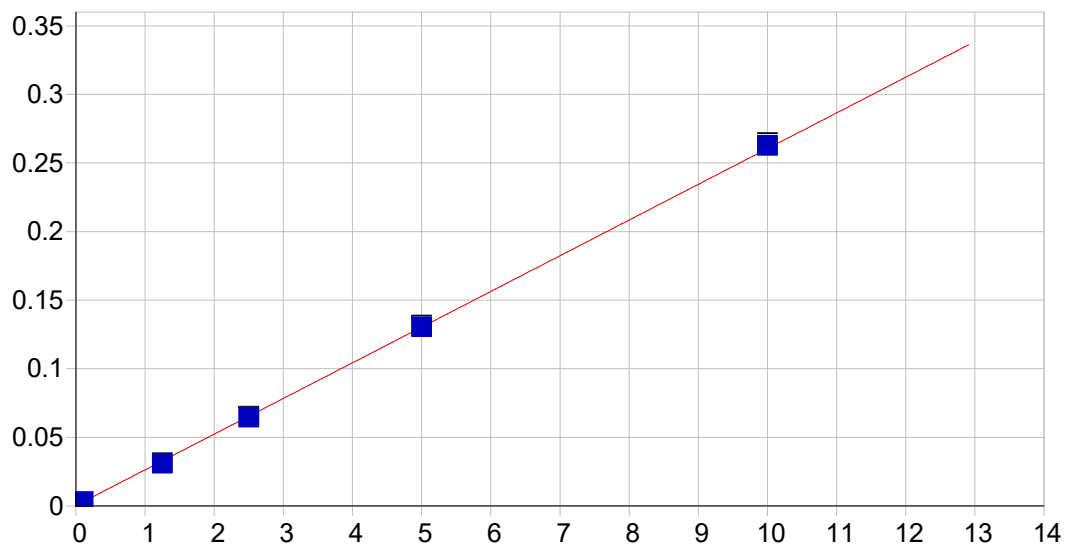


Mo 202.030 {467}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000683 Re-Slope: 1.000000
 A1 (Gain): 0.557269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.991276 Status: OK.
 Std Error of Est: 0.001242
 Predicted MDL: 0.000424
 Predicted MQL: 0.001412

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00068	.000	1
S1	.01000	.01552	.006	55.2	.00933	.000	1
S2	1.2500	1.6036	.354	28.3	.89433	.003	1
S3	2.5000	2.9905	.491	19.6	1.6672	.012	1
S4	5.0000	5.2464	.246	4.93	2.9244	.023	1
S5	10.000	8.9039	-1.10	-11.0	4.9625	.029	1

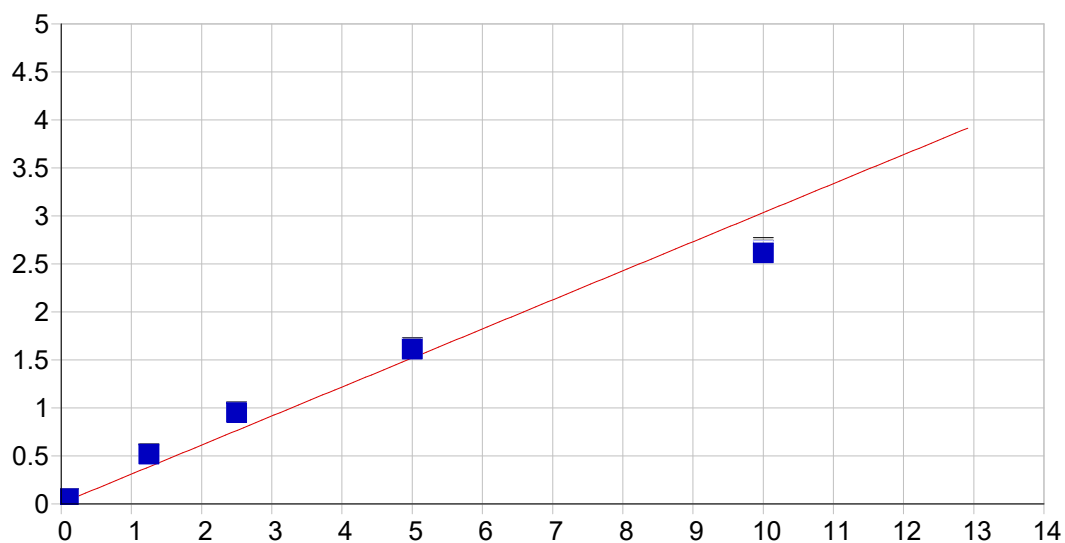


S 182.034 {485}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000279 Re-Slope: 1.000000
 A1 (Gain): 0.026021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.004603
 Predicted MQL: 0.015343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.10000	.10477	.005	4.77	.00301	.000	1
S2	1.2500	1.1818	-.068	-5.45	.03110	.000	1
S3	2.5000	2.4701	-.030	-1.20	.06469	.001	1
S4	5.0000	5.0083	.008	.165	.13088	.001	1
S5	10.000	10.085	.085	.850	.26325	.002	1

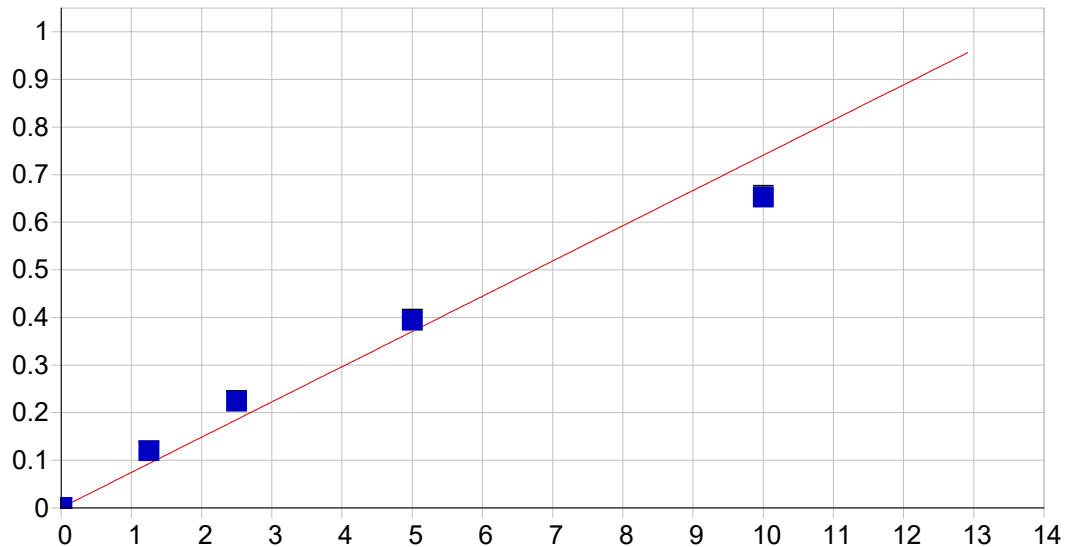


Si 251.611 {134}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007444 Re-Slope: 1.000000
 A1 (Gain): 0.302577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.986391 Status: OK.
 Std Error of Est: 0.002704
 Predicted MDL: 0.001963
 Predicted MQL: 0.006544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00741	.000	1
S1	.10000	.14743	.047	47.4	.05216	.000	1
S2	1.2500	1.6811	.431	34.5	.51944	.005	1
S3	2.5000	3.1132	.613	24.5	.95612	.005	1
S4	5.0000	5.2992	.299	5.98	1.6242	.005	1
S5	10.000	8.6094	-1.39	-13.9	2.6392	.029	1

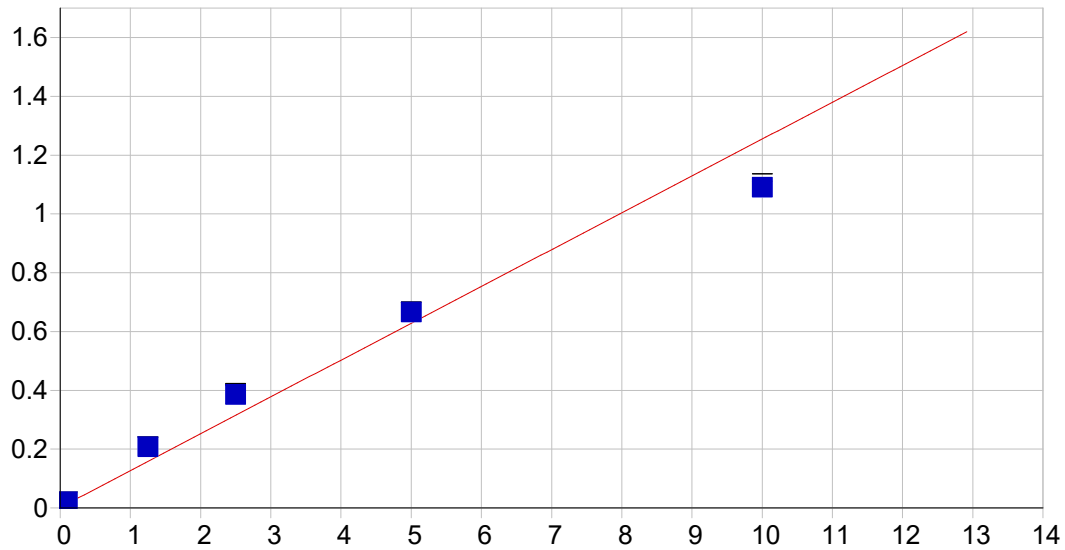


Sn 189.989 {478}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000458 Re-Slope: 1.000000
 A1 (Gain): 0.074030 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990246 Status: OK.
 Std Error of Est: 0.000146
 Predicted MDL: 0.001593
 Predicted MQL: 0.005310

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.00700	.00892	.002	27.4	.00110	.000	1
S2	1.2500	1.6095	.360	28.8	.11942	.001	1
S3	2.5000	3.0142	.514	20.6	.22321	.002	1
S4	5.0000	5.3109	.311	6.22	.39286	.003	1
S5	10.000	8.8135	-1.19	-11.9	.65139	.004	1

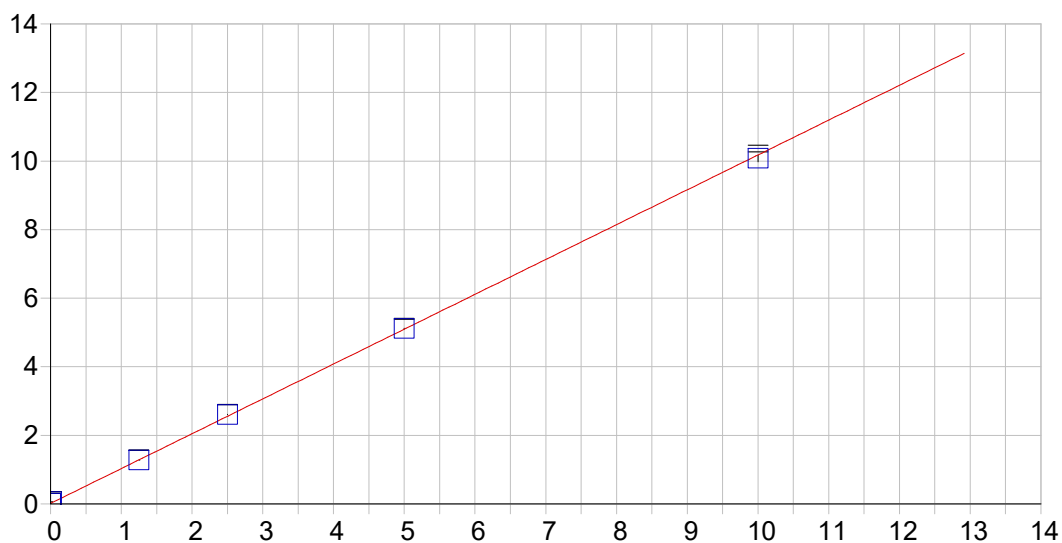


Ti 336.121 {100}

Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001722	Re-Slope:	1.000000
A1 (Gain):	0.125271	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.987870	Status:	OK.
Std Error of Est:	0.001046		
Predicted MDL:	0.004046		
Predicted MQL:	0.013487		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	.00171	.000	1
S1	.10000	.15023	.050	50.2	.02054	.000	1
S2	1.2500	1.6417	.392	31.3	.20732	.001	1
S3	2.5000	3.0656	.566	22.6	.38565	.004	1
S4	5.0000	5.3011	.301	6.02	.66557	.000	1
S5	10.000	8.6914	-1.31	-13.1	1.0901	.012	1

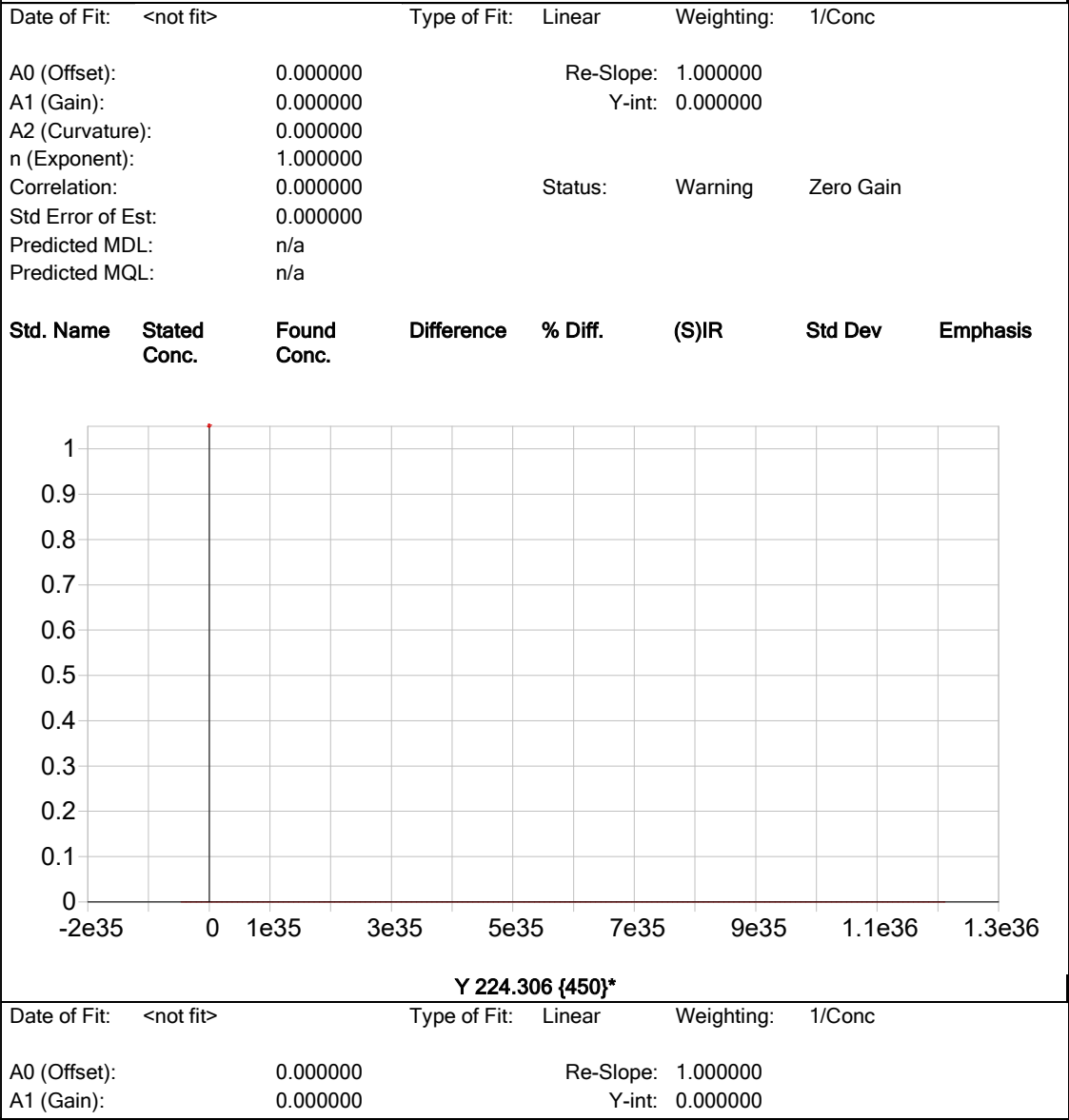
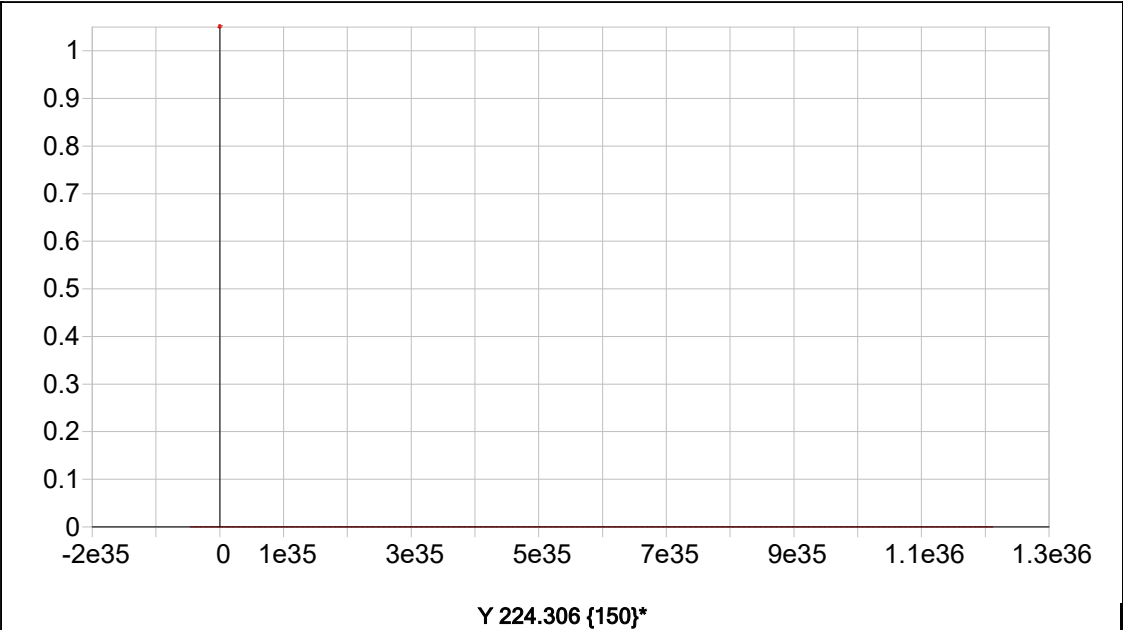


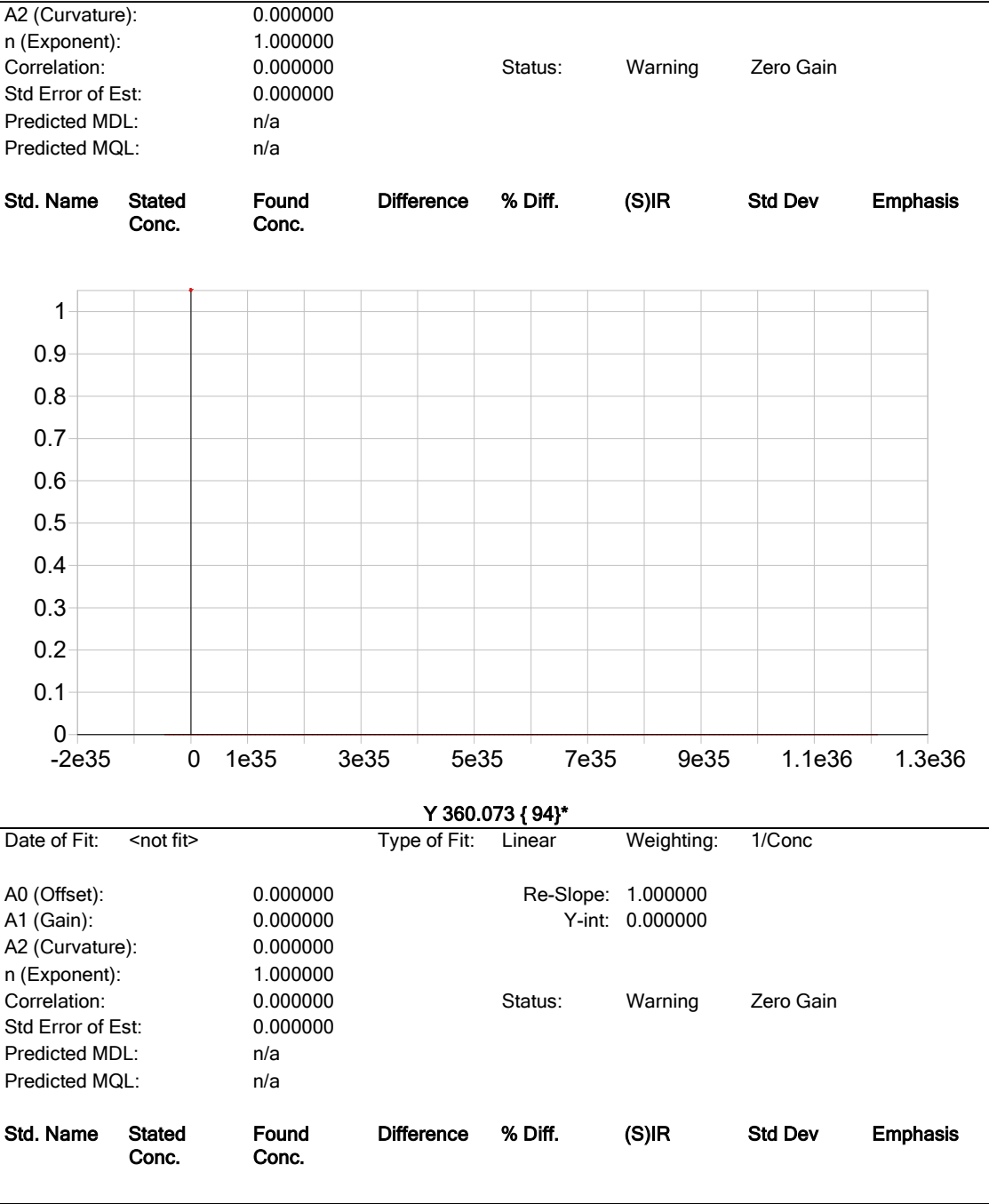
Li 670.784 { 50}

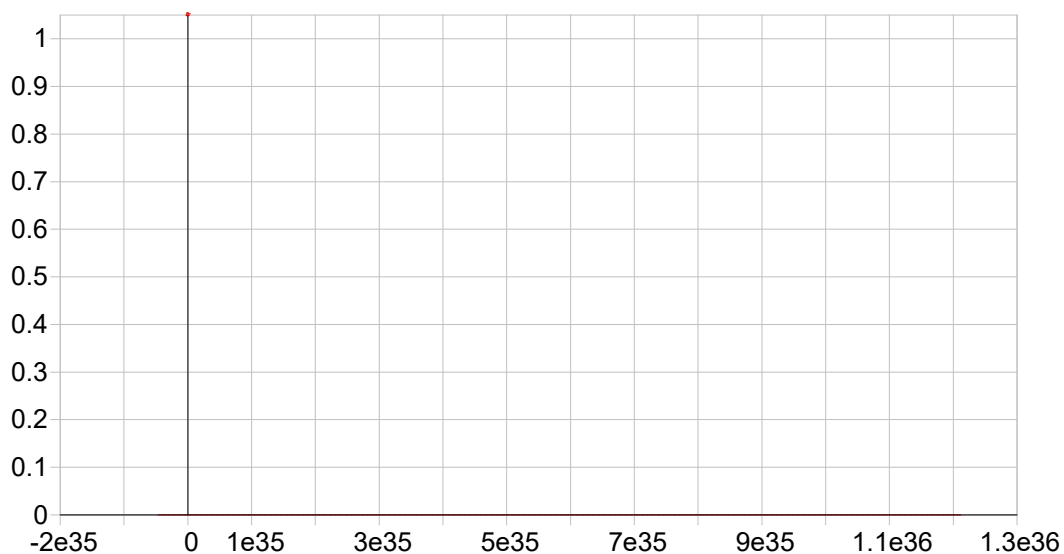
Date of Fit: 03/15/2019 11:25:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014095 Re-Slope: 1.000000
 A1 (Gain): 1.016353 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997472 Status: OK.
 Std Error of Est: 0.001487
 Predicted MDL: 0.002268
 Predicted MQL: 0.007559

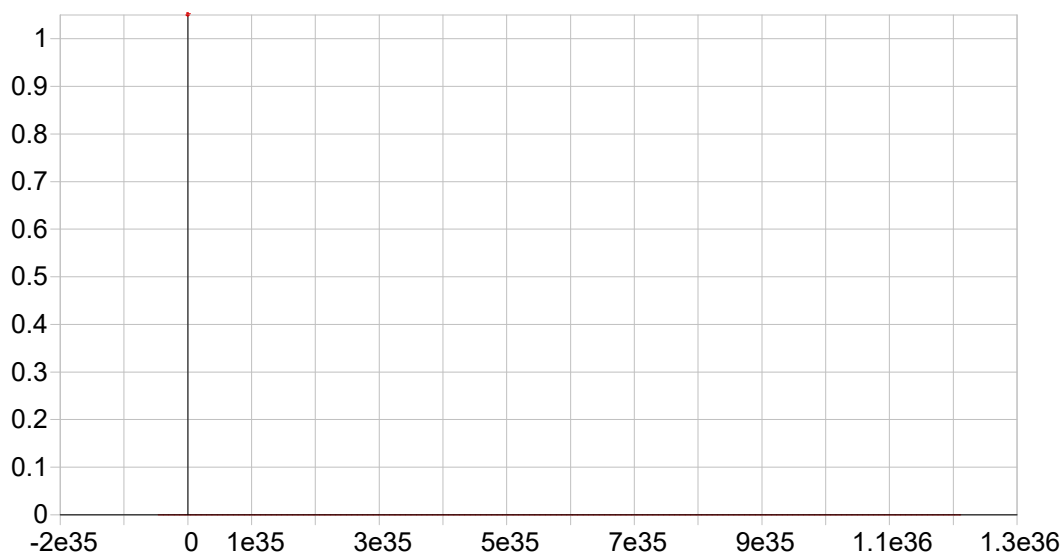
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01406	.002	1
S5	10.000	9.8999	-.100	-1.00	10.076	.095	1
S4	5.0000	5.0155	.016	.311	5.1117	.017	1
S3	2.5000	2.5513	.051	2.05	2.6071	.007	1
S2	1.2500	1.2459	-.004	-.330	1.2803	.003	1
S1	.01500	.05235	.037	249.	.06730	.000	1



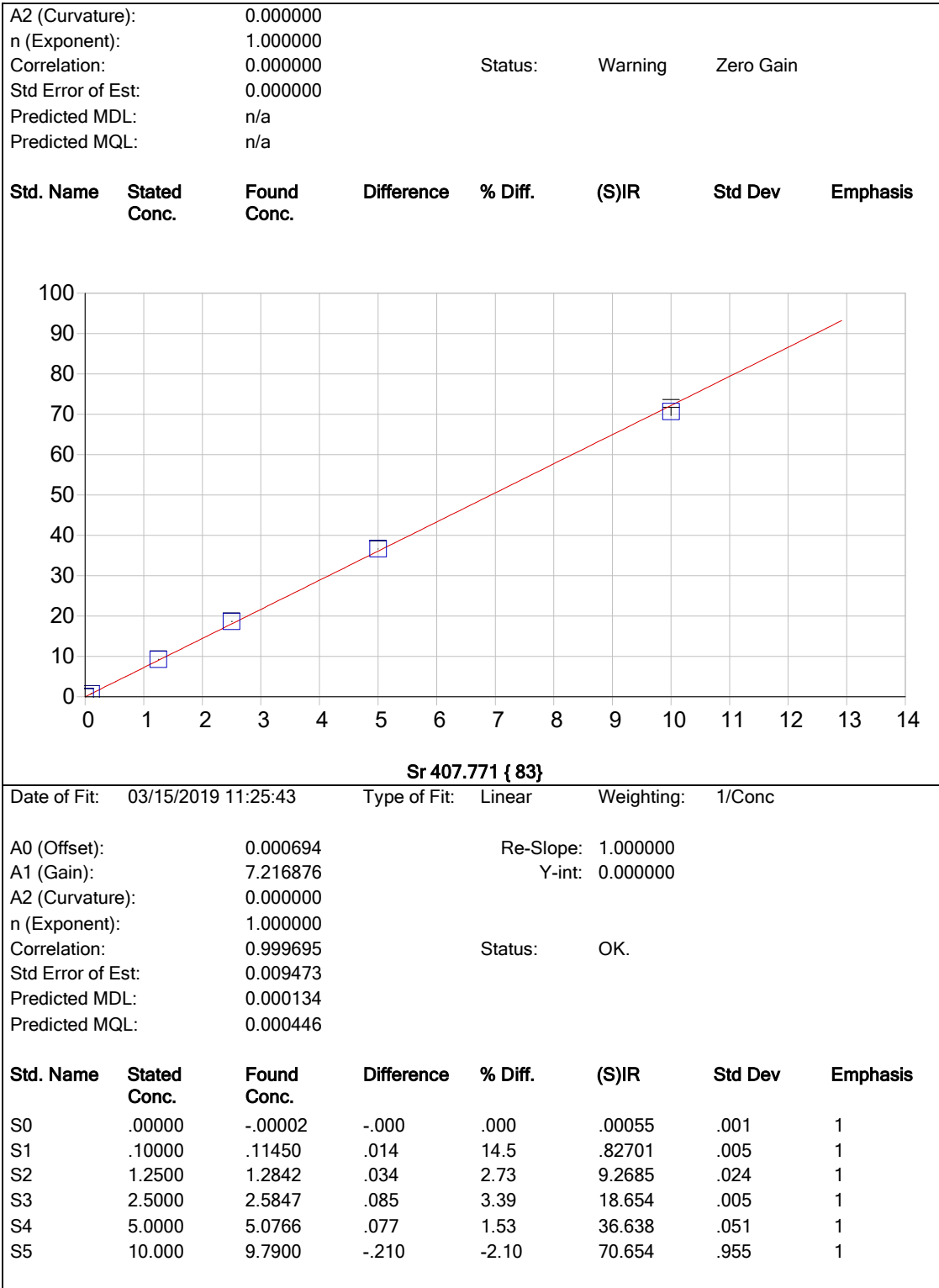




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 03/15/2019 10:53:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00027	-.00032	-.00018	.00048	.00071	.00301	.01355	-.00221
Stddev	.00017	.00007	.00007	.00014	.00015	.00048	.00179	.00030
%RSD	60.570	20.288	37.531	30.077	21.824	16.125	13.186	13.686
#1	-.00022	-.00036	-.00013	.00041	.00087	.00266	.01431	-.00250
#2	-.00014	-.00036	-.00015	.00038	.00069	.00280	.01151	-.00223
#3	-.00046	-.00025	-.00026	.00064	.00057	.00356	.01484	-.00190
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	.00023	.00132	.00004	.00013	.00099	.00020	.00003	-.00023
Stddev	.00010	.00044	.00004	.00008	.00023	.00011	.00009	.00014
%RSD	43.705	33.218	83.698	64.582	23.458	52.941	257.81	60.628
#1	.00028	.00180	.00007	.00022	.00117	.00010	.00012	-.00027
#2	.00011	.00119	.00007	.00010	.00073	.00019	-.00004	-.00035
#3	.00029	.00095	.00000	.00006	.00109	.00032	.00002	-.00008
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	-.00144	-.00118	.00357	-.00007	-.00026	.02271	-.00094	.00592
Stddev	.00017	.00015	.00205	.00043	.00019	.00043	.00002	.00042
%RSD	11.760	13.076	57.587	590.41	75.466	1.8728	2.0622	7.1410
#1	-.00152	-.00102	.00125	-.00028	-.00007	.02226	-.00092	.00633
#2	-.00156	-.00119	.00427	.00042	-.00045	.02311	-.00096	.00595
#3	-.00125	-.00133	.00517	-.00037	-.00025	.02276	-.00095	.00549
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	.00068	.00028	.00741	.00046	.00171	.01406	.00055	
Stddev	.00003	.00007	.00013	.00004	.00017	.00175	.00051	
%RSD	4.3401	25.643	1.7279	7.6731	9.8760	12.452	93.757	
#1	.00071	.00024	.00736	.00049	.00180	.01255	.00053	
#2	.00065	.00023	.00732	.00046	.00152	.01365	.00107	
#3	.00067	.00036	.00756	.00042	.00182	.01597	.00004	

Sample Name: S0 Acquired: 03/15/2019 10:53:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2270.4	2700.2	49683.	4957.7	3830.2
Stddev	25.2	1.5	435.	26.8	5.0
%RSD	1.1081	.05698	.87457	.54125	.13106
#1	2299.3	2702.0	50182.	4988.4	3834.8
#2	2253.2	2699.2	49388.	4945.4	3824.8
#3	2258.8	2699.5	49478.	4939.2	3831.1

Sample Name: S1 Acquired: 03/15/2019 10:57:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.00006	.00095	.00123	.00356	.01097	.01613	.67940	.04340
Stddev	.00008	.00012	.00010	.00025	.00033	.00070	.00140	.00055
%RSD	124.63	12.849	8.4472	6.9839	3.0107	4.3260	.20668	1.2654
#1	.00001	.00098	.00116	.00341	.01123	.01610	.67780	.04382
#2	.00003	.00081	.00135	.00342	.01108	.01683	.68004	.04278
#3	.00015	.00105	.00118	.00384	.01060	.01544	.68038	.04361
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	.01398	.16629	.00156	.03750	.00337	.00113	.00232	.01831
Stddev	.00014	.00078	.00002	.00011	.00034	.00026	.00027	.00019
%RSD	.98848	.46880	1.4275	.29803	10.048	23.455	11.559	1.0213
#1	.01414	.16714	.00158	.03752	.00340	.00082	.00210	.01838
#2	.01395	.16613	.00157	.03738	.00302	.00126	.00225	.01810
#3	.01387	.16561	.00154	.03760	.00369	.00130	.00262	.01845
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	.02269	.00155	.03542	.00222	.00152	.14603	-.00073	.00915
Stddev	.00016	.00011	.00279	.00040	.00040	.00060	.00009	.00023
%RSD	.70870	6.9126	7.8739	17.951	25.994	.40842	12.508	2.4684
#1	.02259	.00167	.03580	.00221	.00147	.14558	-.00078	.00904
#2	.02259	.00153	.03800	.00183	.00194	.14670	-.00079	.00900
#3	.02287	.00146	.03246	.00262	.00116	.14580	-.00062	.00941
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	.00933	.00301	.05216	.00110	.02054	.06730	.82701	
Stddev	.00019	.00009	.00041	.00008	.00043	.00048	.00490	
%RSD	2.0558	3.0046	.78089	6.8898	2.0866	.70670	.59289	
#1	.00925	.00302	.05263	.00107	.02012	.06684	.83198	
#2	.00955	.00309	.05190	.00119	.02051	.06728	.82689	
#3	.00920	.00291	.05195	.00105	.02098	.06779	.82217	

Sample Name: S1 Acquired: 03/15/2019 10:57:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2288.3	2693.7	50169.	5016.7	3876.7
Stddev	11.6	11.5	103.	18.0	16.5
%RSD	.50571	.42795	.20517	.35949	.42569
#1	2299.0	2700.1	50093.	5009.7	3877.8
#2	2289.8	2700.5	50286.	5037.2	3892.7
#3	2276.0	2680.3	50129.	5003.2	3859.7

Sample Name: S2 Acquired: 03/15/2019 11:01:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.03789	.05499	.86234	.09024	.19212	2.3192	7.4283	1.0366
Stddev	.00008	.00026	.00625	.00064	.00107	.0056	.0054	.0078
%RSD	.21027	.46751	.72437	.71399	.55941	.24346	.07219	.75589

#1	.03780	.05482	.85844	.09039	.19141	2.3252	7.4345	1.0384
#2	.03790	.05486	.85904	.08953	.19160	2.3185	7.4247	1.0433
#3	.03796	.05529	.86955	.09079	.19336	2.3139	7.4258	1.0280

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	1.4802	1.8261	.51309	.42446	.28081	.30017	.47995	.20651
Stddev	.0122	.0119	.00462	.00198	.00032	.00391	.00097	.00204
%RSD	.82357	.65221	.90001	.46712	.11475	1.3014	.20111	.98831

#1	1.4730	1.8397	.50776	.42312	.28097	.30397	.48002	.20851
#2	1.4734	1.8176	.51572	.42353	.28103	.30037	.48088	.20657
#3	1.4943	1.8211	.51580	.42674	.28044	.29616	.47896	.20443

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	.33122	.07038	.23066	.02637	.08154	.86867	.02824	.60683
Stddev	.00183	.00062	.00033	.00060	.00025	.00469	.00022	.00563
%RSD	.55166	.87975	.14440	2.2942	.31168	.53937	.77860	.92852

#1	.33031	.06979	.23103	.02689	.08156	.87281	.02810	.61030
#2	.33003	.07102	.23057	.02570	.08179	.86961	.02813	.60987
#3	.33333	.07033	.23039	.02650	.08128	.86359	.02849	.60033

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	.89433	.03110	.51944	.11942	.20732	1.2803	9.2685
Stddev	.00302	.00019	.00486	.00062	.00089	.0028	.0236
%RSD	.33722	.59925	.93491	.52308	.43034	.21580	.25464

#1	.89270	.03089	.51914	.11913	.20830	1.2773	9.2675
#2	.89248	.03121	.52444	.11899	.20711	1.2810	9.2926
#3	.89781	.03120	.51475	.12013	.20655	1.2827	9.2454

Sample Name: S2 Acquired: 03/15/2019 11:01:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2267.6	2616.3	50552.	4984.6	3716.2
Stddev	14.8	4.7	305.	43.8	11.7
%RSD	.65418	.18099	.60403	.87934	.31456
#1	2277.5	2621.7	50679.	4940.9	3727.9
#2	2274.9	2614.3	50774.	4984.5	3716.2
#3	2250.6	2613.0	50204.	5028.6	3704.5

Sample Name: S3 Acquired: 03/15/2019 11:05:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.07138	.10202	1.7156	.16608	.39103	4.7529	15.154	2.1030
Stddev	.00087	.00091	.0124	.00150	.00427	.0120	.012	.0120
%RSD	1.2251	.88749	.72328	.90107	1.0922	.25241	.07965	.57164

#1	.07072	.10115	1.7063	.16539	.38846	4.7467	15.142	2.1133
#2	.07104	.10196	1.7110	.16505	.38868	4.7667	15.166	2.0898
#3	.07237	.10296	1.7297	.16780	.39596	4.7452	15.154	2.1058

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	2.7227	3.6194	1.0181	.85814	.56216	.60947	.95253	.42337
Stddev	.0176	.0078	.0124	.00565	.00082	.00355	.00133	.00351
%RSD	.64712	.21660	1.2125	.65886	.14520	.58195	.13926	.82865

#1	2.7105	3.6121	1.0039	.85560	.56152	.60877	.95306	.42495
#2	2.7146	3.6277	1.0255	.85420	.56189	.61332	.95102	.42580
#3	2.7429	3.6184	1.0251	.86462	.56308	.60633	.95351	.41934

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	.67015	.14278	.46482	.05321	.16485	1.7763	.06025	1.1344
Stddev	.00537	.00167	.00029	.00023	.00417	.0022	.00054	.0088
%RSD	.80162	1.1673	.06307	.43828	2.5272	.12523	.89372	.77934

#1	.66572	.14097	.46512	.05294	.16004	1.7743	.05975	1.1434
#2	.66861	.14425	.46454	.05335	.16732	1.7787	.06017	1.1258
#3	.67613	.14313	.46478	.05335	.16719	1.7760	.06082	1.1340

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	1.6672	.06469	.95612	.22321	.38565	2.6071	18.654
Stddev	.0123	.00068	.00474	.00178	.00383	.0072	.005
%RSD	.73500	1.0537	.49597	.79665	.99326	.27685	.02518

#1	1.6590	.06415	.96115	.22191	.38705	2.6051	18.650
#2	1.6614	.06447	.95173	.22249	.38858	2.6151	18.660
#3	1.6813	.06546	.95549	.22524	.38132	2.6011	18.653

Sample Name: S3 Acquired: 03/15/2019 11:05:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2234.2	2518.9	50331.	4935.8	3552.6
Stddev	31.9	14.2	663.	14.8	16.9
%RSD	1.4287	.56179	1.3174	.29926	.47431
#1	2271.0	2526.0	51079.	4921.8	3559.1
#2	2216.2	2528.2	49814.	4934.2	3565.2
#3	2215.3	2502.6	50101.	4951.3	3533.5

Sample Name: S4 Acquired: 03/15/2019 11:09:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.12567	.17419	3.3161	.28299	.78017	9.4138	29.929	4.0542
Stddev	.00133	.00110	.0279	.00257	.00629	.0243	.072	.0095
%RSD	1.0565	.63195	.84211	.90801	.80600	.25855	.23980	.23382

#1	.12524	.17392	3.3132	.28254	.77948	9.3979	29.864	4.0454
#2	.12460	.17325	3.2897	.28068	.77426	9.4018	29.919	4.0643
#3	.12715	.17540	3.3453	.28575	.78678	9.4418	30.006	4.0530

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6801	7.0121	1.9855	1.6795	1.0977	1.1764	1.8511	.83365
Stddev	.0340	.0144	.0039	.0134	.0008	.0013	.0024	.00133
%RSD	.72591	.20546	.19839	.79658	.07768	.10695	.13061	.16002

#1	4.6749	6.9980	1.9889	1.6760	1.0978	1.1756	1.8485	.83517
#2	4.6490	7.0114	1.9865	1.6682	1.0986	1.1757	1.8533	.83313
#3	4.7163	7.0268	1.9812	1.6943	1.0969	1.1779	1.8514	.83266

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	1.3154	.28721	.90937	.10342	.33189	3.5288	.12268	1.9494
Stddev	.0093	.00194	.00282	.00079	.00363	.0149	.00137	.0037
%RSD	.70503	.67704	.31060	.76423	1.0950	.42186	1.1188	.18967

#1	1.3141	.28938	.90615	.10423	.33570	3.5185	.12198	1.9505
#2	1.3068	.28563	.91057	.10336	.33153	3.5219	.12181	1.9524
#3	1.3252	.28663	.91140	.10265	.32846	3.5458	.12426	1.9453

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	2.9244	.13088	1.6242	.39286	.66557	5.1117	36.638
Stddev	.0230	.00098	.0046	.00290	.00015	.0167	.051
%RSD	.78555	.74663	.28084	.73705	.02327	.32570	.13878

#1	2.9156	.13066	1.6198	.39362	.66558	5.0959	36.595
#2	2.9070	.13003	1.6289	.38966	.66573	5.1100	36.625
#3	2.9504	.13194	1.6241	.39530	.66542	5.1291	36.694

Sample Name: S4 Acquired: 03/15/2019 11:09:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2122.6	2379.0	49027.	4883.2	3340.8
Stddev	7.4	15.2	102.	18.0	19.6
%RSD	.34793	.63712	.20794	.36883	.58674
#1	2117.0	2380.1	48942.	4892.2	3340.9
#2	2119.9	2393.6	48998.	4894.9	3360.4
#3	2131.0	2363.4	49140.	4862.4	3321.2

Sample Name: S6 Acquired: 03/15/2019 11:17:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	51.526	22.609	6.1686	2.7975	5.0899
Stddev	.100	.098	.0253	.0150	.0099
%RSD	.19499	.43381	.41004	.53628	.19379

#1	51.637	22.710	6.1978	2.8146	5.1008
#2	51.441	22.603	6.1555	2.7864	5.0816
#3	51.501	22.514	6.1526	2.7915	5.0872

Int. Std.	Y_3710
Units	Cts/S
Avg	4748.5
Stddev	34.6
%RSD	.72918

#1	4710.7
#2	4778.7
#3	4755.9

Sample Name: S5 Acquired: 03/15/2019 11:13:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.21338	.27796	6.3453	.44982	1.5858	18.915	58.730	7.8617
Stddev	.00052	.00204	.0353	.00327	.0092	.165	.447	.0981
%RSD	.24442	.73524	.55718	.72705	.58231	.87177	.76068	1.2483

#1	.21293	.27755	6.3267	.44816	1.5780	18.901	58.820	7.8222
#2	.21326	.27615	6.3231	.44772	1.5834	19.087	59.126	7.9735
#3	.21395	.28018	6.3861	.45359	1.5960	18.758	58.246	7.7895

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	7.5769	13.559	3.8134	3.2749	2.1400	2.2699	3.5510	1.6540
Stddev	.0459	.103	.0099	.0176	.0157	.0246	.0241	.0187
%RSD	.60515	.75867	.26065	.53682	.73277	1.0858	.67846	1.1290

#1	7.5535	13.612	3.8188	3.2720	2.1441	2.2617	3.5701	1.6479
#2	7.5474	13.624	3.8195	3.2590	2.1533	2.2976	3.5590	1.6749
#3	7.6297	13.440	3.8020	3.2938	2.1227	2.2504	3.5239	1.6391

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5647	.57134	1.7878	.20181	.66624	7.0885	.24598	3.1805
Stddev	.0130	.00119	.0180	.00164	.00299	.0593	.00166	.0386
%RSD	.50738	.20909	1.0048	.81269	.44912	.83688	.67602	1.2153

#1	2.5588	.57049	1.7846	.20198	.66911	7.0897	.24486	3.1579
#2	2.5556	.57083	1.8071	.20337	.66646	7.1472	.24518	3.2251
#3	2.5796	.57270	1.7716	.20010	.66314	7.0286	.24789	3.1585

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9625	.26325	2.6392	.65139	1.0901	10.076	70.654
Stddev	.0286	.00165	.0294	.00397	.0124	.095	.955
%RSD	.57725	.62792	1.1140	.60908	1.1394	.94071	1.3512

#1	4.9443	.26264	2.6288	.64921	1.0871	10.086	70.820
#2	4.9477	.26200	2.6724	.64900	1.1037	10.165	71.514
#3	4.9956	.26513	2.6165	.65597	1.0794	9.9764	69.627

Sample Name: S5 Acquired: 03/15/2019 11:13:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2018.1	2206.1	48487.	4859.8	3143.4
Stddev	10.9	17.7	154.	43.9	22.4
%RSD	.54191	.80312	.31682	.90391	.71122
#1	2006.7	2222.7	48313.	4861.3	3161.8
#2	2019.1	2208.1	48547.	4815.2	3150.0
#3	2028.5	2187.4	48602.	4903.0	3118.5

Sample Name: ICV Acquired: 03/15/2019 11:21:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.346618	F 1.445688	1.017154	F 1.472239	1.026755	2.351623
Stddev	.003247	.003502	.004902	.005384	.008748	.048921
%RSD	.2411225	.2422571	.4819817	.3656970	.8520408	2.080309

#1	1.343162	1.449668	1.014904	1.473211	1.023861	2.348438
#2	1.347087	1.443075	1.013780	1.466435	1.019821	2.304372
#3	1.349605	1.444323	1.022777	1.477071	1.036584	2.402058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5188911	.4941079	F .6916020	10.45670	F .5397344	.5030383
Stddev	.0098949	.0101682	.0040308	.19741	.0038353	.0020939
%RSD	1.906942	2.057887	.5828242	1.887896	.7105825	.4162601

#1	.5194051	.4905501	.6894941	10.48430	.5354558	.5019573
#2	.5087491	.4861967	.6890621	10.24694	.5428632	.5017058
#3	.5285190	.5055769	.6962497	10.63886	.5408843	.5054519

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5412380	5.444374	.5175630	6.053294	.5213289	.4855199
Stddev	.0040710	.094796	.0106455	.185361	.0031063	.0025753
%RSD	.7521592	1.741173	2.056854	3.062146	.5958451	.5304245

#1	.5383090	5.444101	.5169978	6.109063	.5188021	.4830596
#2	.5395184	5.349715	.5072113	5.846451	.5203876	.4881966
#3	.5458866	5.539306	.5284798	6.204367	.5247970	.4853037

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.444643	.5297454	1.011396	9.887823	F .6976842	F .7169155
Stddev	.268966	.0041488	.007140	.228877	.0013520	.0108565
%RSD	2.847810	.7831789	.7059927	2.314741	.1937794	1.514331

#1	9.492544	.5344742	1.005868	9.862919	.6965812	.7144530
#2	9.154946	.5280463	1.019458	9.672416	.6991924	.7075018
#3	9.686441	.5267159	1.008862	10.12813	.6972790	.7287917

Sample Name: ICV Acquired: 03/15/2019 11:21:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .7189214	F .6830080	F .7260465	F .7244987	F .7628490	F .6973202
Stddev	.0055371	.0025530	.0140386	.0060562	.0157216	.0138706
%RSD	.7701915	.3737817	1.933567	.8359132	2.060902	1.989121
#1	.7160682	.6808773	.7219023	.7211283	.7647055	.6982639
#2	.7153929	.6823091	.7145464	.7208775	.7462816	.6830020
#3	.7253032	.6858377	.7416906	.7314902	.7775599	.7106949

Elem	Sr4077
Units	ppm
Avg	F .7906999
Stddev	.0161505
%RSD	2.042554
#1	.7929898
#2	.7735267
#3	.8055832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.617	2657.490	51242.25	5070.681	3875.917
Stddev	11.337	8.957	307.47	83.175	10.038
%RSD	.4883356	.3370629	.6000397	1.640311	.2589854
#1	2324.068	2653.113	51448.15	5082.319	3874.005
#2	2309.254	2667.795	50888.81	5147.424	3886.774
#3	2331.527	2651.563	51389.78	4982.300	3866.973

Sample Name: ICB Acquired: 03/15/2019 11:27:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H 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	.0041222	-.000270	-.002067	.0019028	.0005808	-.002814	-.001290
Stddev	.0027319	.001946	.001255	.0016471	.0009072	.005402	.000591
%RSD	66.27336	721.6538	60.70767	86.56002	156.1997	192.0075	45.77357

#1	.0071809	.000821	-.002420	.0031135	.0016063	-.007198	-.001056
#2	.0019248	-.002517	-.003107	.0025677	.0002530	-.004465	-.001962
#3	.0032608	.000887	-.000673	.0000272	-.000117	.003222	-.000853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000420	.0000075	.0236208	.0000555	.0001937	.0037835	.0389354
Stddev	.0000391	.0000856	.0118128	.0003842	.0002130	.0039185	.0156304
%RSD	93.11838	1132.616	50.00994	692.3151	110.0003	103.5706	40.14448

#1	.0000484	.0000657	.0101283	.0001915	.0000275	-.000740	.0397324
#2	.0000001	-.000091	.0321008	.0003531	.0004338	.006145	.0541522
#3	.0000776	.000048	.0286334	-.000378	.0001197	.005945	.0229218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007354	.0649670	.0000729	.0010645	-.556445	.0009648	.0063658
Stddev	.0012602	.0368679	.0002505	.0001547	.185007	.0097052	.0062308
%RSD	171.3752	56.74860	343.4938	14.53407	33.24806	1005.883	97.87931

#1	.0007239	.1032212	-.000093	.0010147	-.425567	.0040211	.0030702
#2	-.000519	.0296626	-.000049	.0012380	-.475661	-.009901	.0135523
#3	.002001	.0620172	.000361	.0009408	-.768105	.008774	.0024749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072470	-.004780	-.001851	-.000060	-.003591	-.003960	-.001154
Stddev	.0657154	.000900	.000236	.000005	.004415	.001242	.000570
%RSD	906.7922	18.83651	12.72464	8.940274	122.9600	31.36412	49.44675

#1	.0803774	-.005144	-.002116	-.000063	.000445	-.003300	-.001571
#2	-.046853	-.005441	-.001771	-.000054	-.002911	-.003188	-.001386
#3	-.011783	-.003755	-.001665	-.000063	-.008306	-.005393	-.000504

Sample Name: ICB Acquired: 03/15/2019 11:27:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005333	.0007774	-.000150
Stddev	.004083	.0008151	.000149
%RSD	76.55266	104.8488	99.35966

#1	-.000628	.0016460	-.000301
#2	-.007936	.0000292	-.000004
#3	-.007436	.0006570	-.000144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.970	2631.491	50718.25	4991.692	3808.364
Stddev	25.098	10.370	253.31	4.831	12.207
%RSD	1.088849	.3940719	.4994390	.0967855	.3205299

#1	2282.834	2634.834	50636.38	4986.725	3815.110
#2	2299.840	2639.777	50516.01	4991.975	3815.710
#3	2332.237	2619.862	51002.37	4996.375	3794.273

Sample Name: ICSA Acquired: 03/15/2019 11:31:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038209	.0029035	-.000953	.0017289	.0035637	241.7272
Stddev	.0036992	.0028910	.000483	.0085741	.0007055	1.2336
%RSD	96.81472	99.57126	50.61075	495.9209	19.79694	.5103268

#1	.0071228	.0031137	-.000633	-.001766	.0042508	243.0145
#2	.0045165	.0056836	-.000719	-.004545	.0035992	240.5554
#3	-.000177	-.000087	-.001508	.011499	.0028411	241.6117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051329	.0008947	.0013379	252.2395	.0512634	.0001106
Stddev	.0007755	.0000472	.0002848	.6430	.0005462	.0002337
%RSD	15.10854	5.270371	21.28984	.2549259	1.065501	211.2977

#1	.0052059	.0009491	.0010102	252.9326	.0508596	-.000073
#2	.0043235	.0008689	.0015259	251.6622	.0518849	.000374
#3	.0058694	.0008660	.0014776	252.1238	.0510457	.000032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002845	105.7154	.0093768	262.0537	.0003668	-.005372
Stddev	.002425	.9059	.0018395	1.4497	.0007828	.000208
%RSD	85.23584	.8568909	19.61762	.5531947	213.4326	3.878674

#1	-.001993	106.7584	.0087860	263.7137	.0006412	-.005137
#2	-.005582	105.2624	.0079053	261.0374	.0009754	-.005444
#3	-.000961	105.1253	.0114391	261.4098	-.000516	-.005534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.439547	-.002248	.0087918	-.233640	.0076866	F .0256297
Stddev	.180501	.004105	.0180737	.066233	.0013470	.0007987
%RSD	41.06536	182.6236	205.5755	28.34807	17.52424	3.116483

#1	-.501474	-.004181	.0183336	-.192037	.0089000	.0252368
#2	-.236233	.002467	.0200948	-.198867	.0062372	.0265488
#3	-.580933	-.005030	-.012053	-.310017	.0079225	.0251035

Sample Name: ICSA Acquired: 03/15/2019 11:31:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017382	-.003438	-.001336	-.003907	-.010047	.0049593
Stddev	.0002088	.012791	.001690	.000507	.004494	.0017062
%RSD	12.01239	372.0069	126.5369	12.97370	44.73145	34.40531

#1	.0015932	-.003791	-.001387	-.003751	-.005426	.0067326
#2	.0016439	-.016050	-.003000	-.003497	-.010313	.0048159
#3	.0019775	.009526	.000379	-.004474	-.014403	.0033292

Elem	Sr4077
Units	ppm
Avg	.1034982
Stddev	.0005742
%RSD	.5547737

#1	.1041146
#2	.1029785
#3	.1034015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.157	2500.355	49674.68	4996.310	3475.014
Stddev	11.998	7.181	206.00	39.825	6.617
%RSD	.5418758	.2872138	.4146933	.7970899	.1904243

#1	2204.541	2508.529	49523.73	4955.805	3481.713
#2	2210.327	2497.477	49590.96	5035.418	3474.849
#3	2227.602	2495.058	49909.36	4997.708	3468.481

Sample Name: ICSAB Acquired: 03/15/2019 11:35:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1368351	F .1401435	.0526795	.0694794	.6163791	236.5625
Stddev	.0047271	.0037546	.0023177	.0082209	.0078944	.9466
%RSD	3.454578	2.679116	4.399601	11.83213	1.280775	.4001673

#1	.1358740	.1442138	.0516908	.0603082	.6101705	235.7557
#2	.1326625	.1394014	.0510200	.0761862	.6137031	237.6046
#3	.1419689	.1368154	.0553275	.0719438	.6252637	236.3271

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5239912	.4927480	F 1.356081	246.5209	.5806830	.4958708
Stddev	.0007561	.0024162	.007082	.2520	.0003690	.0022409
%RSD	.1443032	.4903483	.5222592	.1022386	.0635391	.4519181

#1	.5240086	.4911396	1.353502	246.3169	.5805175	.4943842
#2	.5247385	.4955265	1.350649	246.8026	.5804257	.4947799
#3	.5232266	.4915779	1.364091	246.4430	.5811057	.4984483

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5192709	103.4098	.5136684	257.4191	1.026666	.1707426
Stddev	.0006664	.9464	.0030735	1.6297	.005004	.0001816
%RSD	.1283412	.9151470	.5983453	.6330924	.4874072	.1063728

#1	.5195705	102.6250	.5110972	256.0917	1.023715	.1705330
#2	.5185073	104.4607	.5170726	259.2380	1.023839	.1708399
#3	.5197350	103.1438	.5128355	256.9276	1.032444	.1708547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.475672	.5191287	1.035867	-.315787	1.110561	F 1.394099
Stddev	.164501	.0042766	.008579	.062026	.014479	.012675
%RSD	34.58279	.8238064	.8281641	19.64182	1.303718	.9092043

#1	-.549548	.5240621	1.032797	-.361127	1.105845	1.391600
#2	-.287185	.5168506	1.029245	-.245102	1.099028	1.407837
#3	-.590284	.5164734	1.045558	-.341133	1.126809	1.382859

Sample Name: ICSAB Acquired: 03/15/2019 11:35:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.360041	1.053526	1.368404	F 1.432765	1.444193	1.077403
Stddev	.005754	.008184	.010127	.009130	.003628	.002030
%RSD	.4230508	.7768241	.7400937	.6372381	.2512163	.1884343
#1	1.355671	1.050839	1.358797	1.433029	1.440127	1.075776
#2	1.357891	1.047023	1.378982	1.423506	1.447100	1.076755
#3	1.366560	1.062716	1.367433	1.441760	1.445351	1.079678

Elem	Sr4077
Units	ppm
Avg	1.202932
Stddev	.001629
%RSD	.1353916
#1	1.201439
#2	1.202689
#3	1.204669

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.804	2509.208	50270.31	5057.211	3494.073
Stddev	6.327	8.927	87.84	30.337	14.571
%RSD	.2822164	.3557844	.1747431	.5998710	.4170244
#1	2248.676	2514.237	50229.30	5088.675	3497.712
#2	2236.222	2514.487	50371.16	5028.144	3506.479
#3	2240.513	2498.901	50210.48	5054.814	3478.027

Sample Name: CCV053 Acquired: 03/15/2019 11:39:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.234849	F 4.193790	23.62890	F 4.128645	4.845172	411.1514
Stddev	.005526	.014317	.06187	.013672	.019670	2.2291
%RSD	.1304789	.3413891	.2618614	.3311381	.4059671	.5421641

#1	4.231917	4.181674	23.59801	4.125953	4.839433	411.3240
#2	4.231408	4.190108	23.58856	4.116520	4.829009	413.2891
#3	4.241223	4.209589	23.70014	4.143463	4.867072	408.8409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.848159	.4877922	F 2.119974	403.2229	14.97546	2.392853
Stddev	.030455	.0032421	.007128	1.2008	.04449	.008589
%RSD	.3092459	.6646389	.3362420	.2978061	.2971080	.3589412

#1	9.832618	.4901415	2.117293	402.7419	14.98145	2.391907
#2	9.883249	.4891417	2.114575	404.5897	14.92828	2.384776
#3	9.828609	.4840933	2.128054	402.3372	15.01666	2.401876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64315	416.8214	14.45483	403.1308	2.442520	1.174892
Stddev	.04464	4.9304	.04418	3.3071	.003070	.003139
%RSD	.3048647	1.182855	.3056622	.8203434	.1256885	.2671469

#1	14.60708	417.9229	14.44426	403.7411	2.439703	1.177621
#2	14.69307	421.1079	14.50334	406.0901	2.442066	1.175593
#3	14.62930	411.4334	14.41689	399.5611	2.445792	1.171462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	406.2658	2.460568	14.43799	151.1547	5.153425	F 4.361695
Stddev	1.3263	.006476	.09274	1.0660	.024316	.042968
%RSD	.3264628	.2631816	.6423338	.7052307	.4718467	.9851212

#1	405.9445	2.467267	14.34567	150.9621	5.131410	4.388031
#2	407.7233	2.460095	14.53114	152.3038	5.149341	4.384942
#3	405.1297	2.454342	14.43714	150.1981	5.179525	4.312112

Sample Name: CCV053 Acquired: 03/15/2019 11:39:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.206835	4.968065	F 4.298926	F 4.364240	F 4.324631	4.916893
Stddev	.014681	.020447	.033555	.012585	.024663	.012152
%RSD	.3489852	.4115617	.7805547	.2883685	.5702801	.2471492

#1	4.205316	4.963633	4.329020	4.349894	4.318087	4.912165
#2	4.192972	4.950198	4.305016	4.369406	4.351905	4.930698
#3	4.222216	4.990365	4.262743	4.373421	4.303900	4.907816

Elem	Sr4077
Units	ppm
Avg	4.848484
Stddev	.017358
%RSD	.3580125

#1	4.837422
#2	4.868490
#3	4.839539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.008	2295.257	48522.00	4892.297	3161.371
Stddev	9.101	6.160	155.14	60.107	7.288
%RSD	.4375630	.2683831	.3197289	1.228606	.2305376

#1	2087.537	2295.991	48485.72	4876.695	3161.436
#2	2069.894	2301.018	48388.21	4841.529	3168.626
#3	2082.594	2288.763	48692.06	4958.666	3154.050

Sample Name: CCB053 Acquired: 03/15/2019 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003286	.0013092	.0001124	-.001111	-.001014	.0013427	-.001749
Stddev	.006792	.0019466	.0003884	.002236	.001242	.0046873	.000804
%RSD	206.6650	148.6806	345.5222	201.2183	122.4937	349.0896	45.93640

#1	-.001067	-.000748	.0002861	-.001049	.000420	-.003888	-.002660
#2	.002118	.001555	-.000332	.001093	-.001766	.005164	-.001450
#3	-.010910	.003122	.000384	-.003377	-.001696	.002752	-.001138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000201	-.000061	.0213647	-.000232	.0001443	-.003425	-.004750
Stddev	.0000768	.000050	.0183813	.000275	.0001346	.002410	.034966
%RSD	382.0163	82.14474	86.03605	118.5917	93.27439	70.37178	736.1032

#1	.0000672	-.000027	.0395553	-.000196	.0002472	-.004248	-.007251
#2	-.000069	-.000037	.0027984	.000024	-.000008	-.000711	.031399
#3	.000062	-.000119	.0217403	-.000523	.000194	-.005316	-.038399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001940	.0683417	.0004344	.0014120	-.276011	.0022266	-.003436
Stddev	.0013784	.0627035	.0000240	.0001243	.049724	.0040920	.014263
%RSD	710.4326	91.75002	5.528963	8.800472	18.01507	183.7793	415.1373

#1	.0015050	.0924613	.0004621	.0015491	-.310032	.0021573	-.008109
#2	.0003202	-.002840	.0004214	.0013069	-.299054	-.001830	-.014776
#3	-.001243	.115404	.0004196	.0013800	-.218946	.006353	.012577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013246	-.005158	.0045885	-.000017	-.003791	-.003903	.0001051
Stddev	.024039	.002821	.0015920	.000100	.001688	.001325	.0006612
%RSD	181.4827	54.69066	34.69461	603.6070	44.51921	33.95465	629.1595

#1	-.019855	-.002186	.0061678	.000066	-.002750	-.002407	.0001868
#2	-.033288	-.007798	.0046134	.000012	-.002885	-.004369	-.000593
#3	.013406	-.005491	.0029842	-.000128	-.005738	-.004932	.000722

Sample Name: CCB053 Acquired: 03/15/2019 11:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB053 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004014	.0030899	-.000066
Stddev	.000700	.0012546	.000053
%RSD	17.43498	40.60400	80.36085

#1	-.003347	.0027598	-.000102
#2	-.004743	.0020333	-.000092
#3	-.003953	.0044765	-.000005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.723	2630.036	50992.23	5087.575	3814.754
Stddev	11.190	7.780	185.17	9.871	16.685
%RSD	.4859421	.2958154	.3631254	.1940120	.4373849

#1	2295.534	2637.278	50975.80	5079.300	3829.227
#2	2315.615	2631.019	51185.06	5084.925	3818.531
#3	2297.019	2621.811	50815.82	5098.500	3796.504

Sample Name: PB117920BL Acquired: 03/15/2019 11:52:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW920 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.001144	.0000518	.0030290	-.000641	-.005181	-.001605
Stddev	.004689	.001616	.0002130	.0033017	.001381	.015314	.000390
%RSD	6730.569	141.2621	411.5197	109.0035	215.5148	295.6041	24.31131

#1	.005078	-.000530	.0001986	.0013425	-.002184	-.021610	-.001220
#2	-.004095	-.002977	.0001492	.0068334	-.000217	.008699	-.001596
#3	-.001192	.000075	-.000193	.0009111	.000479	-.002631	-.002000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000710	.0001149	.0275519	.0001433	.0001231	-.002637	-.001123
Stddev	.0000654	.0000632	.0168962	.0004012	.0001444	.005114	.024377
%RSD	92.18912	54.93837	61.32482	279.9757	117.3459	193.9231	2171.410

#1	.0001465	.0000456	.0469102	.0005143	.0002476	-.006860	.026787
#2	.0000323	.0001299	.0157692	.0001980	-.000035	.003049	-.018244
#3	.0000341	.0001692	.0199765	-.000282	.000157	-.004100	-.011910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001130	-.040847	-.000049	.0012108	-.289272	-.002269	-.011211
Stddev	.001536	.071641	.000052	.0003338	.074881	.005509	.018567
%RSD	135.9312	175.3911	106.4682	27.57070	25.88597	242.7780	165.6166

#1	-.000163	.022718	.000011	.0014643	-.368284	-.006348	-.017499
#2	-.002901	-.026780	-.000075	.0008326	-.219353	.003997	-.025817
#3	-.000326	-.118478	-.000082	.0013356	-.280177	-.004456	.009684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212946	-.007782	-.003052	.0001384	-.005381	-.003746	-.001859
Stddev	.0476831	.002933	.001140	.0002099	.001724	.001025	.000783
%RSD	223.9206	37.68935	37.34533	151.6095	32.04744	27.37136	42.14004

#1	-.003830	-.010269	-.002379	.0001153	-.004208	-.004130	-.001969
#2	-.008573	-.008531	-.004368	.0003589	-.004574	-.002584	-.002581
#3	.076286	-.004547	-.002409	-.000059	-.007361	-.004524	-.001026

Sample Name: PB117920BL Acquired: 03/15/2019 11:52:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW920 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003348	.0004837	-.000182
Stddev	.003093	.0026545	.000089
%RSD	92.38890	548.8617	48.80735

#1	-.002538	.0034601	-.000094
#2	-.000740	-.001639	-.000271
#3	-.006765	-.000370	-.000180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.247	2617.299	51425.74	5052.458	3793.101
Stddev	29.020	19.015	629.37	24.515	27.950
%RSD	1.242697	.7264972	1.223835	.4852189	.7368666

#1	2316.317	2628.436	51060.78	5037.000	3808.592
#2	2320.765	2628.118	51063.97	5039.650	3809.876
#3	2368.658	2595.344	52152.47	5080.725	3760.836

Sample Name: PB117920BS Acquired: 03/15/2019 11:56:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS920 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0278684	F .0735631	.0204272	F .1108087	.1357828	.3900886
Stddev	.0017279	.0025084	.0016948	.0044841	.0008859	.0035519
%RSD	6.200162	3.409902	8.296575	4.046684	.6524691	.9105434

#1	.0287806	.0728033	.0221986	.1133336	.1351487	.3864799
#2	.0258756	.0763636	.0188212	.1134610	.1367951	.3935809
#3	.0289490	.0715225	.0202618	.1056315	.1354046	.3902051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4211355	.0106008	F .0142221	10.57916	.0243252	.0987658
Stddev	.0036867	.0001105	.0001689	.07855	.0005033	.0011137
%RSD	.8754306	1.042225	1.187748	.7425377	2.068985	1.127635

#1	.4217534	.0107124	.0142899	10.65412	.0240173	.0983368
#2	.4244742	.0105983	.0140298	10.58591	.0240523	.0979303
#3	.4171788	.0104915	.0143467	10.49745	.0249060	.1000302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577543	.2369491	.0334604	10.48039	.0862370	.0206271
Stddev	.0019591	.0168014	.0019280	.17522	.0009608	.0001840
%RSD	3.392170	7.090716	5.762034	1.671898	1.114154	.8922129

#1	.0586305	.2196347	.0319952	10.66597	.0857808	.0208386
#2	.0591225	.2531856	.0356445	10.45741	.0855893	.0205034
#3	.0555100	.2380270	.0327413	10.31779	.0873410	.0205393

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08820	.1146726	.1284645	10.35092	.0150019	.0218768
Stddev	.23995	.0092117	.0062298	.18272	.0039414	.0018228
%RSD	2.378568	8.033008	4.849457	1.765251	26.27254	8.332163

#1	10.17343	.1053322	.1354889	10.39163	.0110027	.0237372
#2	10.27391	.1149357	.1236092	10.50985	.0151201	.0217990
#3	9.81727	.1237499	.1262954	10.15128	.0188828	.0200941

Sample Name: PB117920BS Acquired: 03/15/2019 11:56:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS920 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0280605	.1911584	F .2791570	.0168436	F .2847990	.1013231
Stddev	.0006611	.0060913	.0032390	.0019701	.0067271	.0009728
%RSD	2.355806	3.186544	1.160267	11.69630	2.362033	.9601361
#1	.0277398	.1843484	.2802243	.0184579	.2923826	.1013271
#2	.0288207	.1930396	.2817277	.0174244	.2824636	.1022939
#3	.0276209	.1960873	.2755191	.0146484	.2795510	.1003483

Elem	Sr4077
Units	ppm
Avg	.2074704
Stddev	.0016024
%RSD	.7723547
#1	.2085542
#2	.2082273
#3	.2056298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.039	2611.728	51677.34	5119.117	3832.062
Stddev	10.171	26.728	188.69	63.048	42.350
%RSD	.4380233	1.023392	.3651246	1.231623	1.105140
#1	2314.293	2622.345	51471.61	5063.675	3852.819
#2	2333.558	2631.517	51842.33	5105.975	3860.030
#3	2318.268	2581.323	51718.09	5187.700	3783.339

Sample Name: K1792-11 Acquired: 03/15/2019 12:00:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.890082	k .2153031	k .2291049	s -.635608	s 9.485162	k .6045199
Stddev	.009174	.0111628	.0027145	.013002	.070472	.0034869
%RSD	1.030718	5.184700	1.184807	2.045538	.7429733	.5768086

#1	s -.886139	k .2024670	k .2281466	s -.620732	s 9.448044	k .6073874
#2	s -.900569	k .2227381	k .2269996	s -.644796	s 9.441007	k .6055340
#3	s -.883539	k .2207041	k .2321685	s -.641297	s 9.566434	k .6006384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8550575	k .0164905	k .0698900	kF 1811.947	kF 811.0096	k .7072938
Stddev	.0049782	.0004367	.0019212	20.730	2.4974	.0016014
%RSD	.5822106	2.648395	2.748892	1.144079	.3079430	.2264046

#1	.8553362	k .0162166	k .0684953	k 1790.065	k 813.1477	k .7056821
#2	.8598906	k .0169941	k .0690934	k 1831.292	k 811.6166	k .7073148
#3	.8499458	k .0162607	k .0720814	k 1814.484	k 808.2647	k .7088846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .9151087	kF 3393.066	F 63.02014	525.2775	F 31.44406	k -.337981
Stddev	.0076316	3.910	.31318	.8221	.16955	.001087
%RSD	.8339560	.1152214	.4969468	.1565029	.5392058	.3215778

#1	k .9067466	k 3397.578	63.14593	525.8854	31.32827	k -.337455
#2	k .9216975	k 3390.671	63.25086	525.6050	31.36524	k -.339230
#3	k .9168822	k 3390.949	62.66362	524.3421	31.63867	k -.337257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 93.13491	kF -3.17018	k -.740244	4.526807	k .0840802	^ *****
Stddev	.29407	.02994	.020955	.019857	.0031613	----
%RSD	.3157429	.9443404	2.830858	.4386431	3.759802	----

#1	k 92.82298	k -3.20473	k -.763685	4.548568	k .0877243	^ ----
#2	k 93.40707	k -3.15374	k -.723326	4.509671	k .0824420	^ ----
#3	k 93.17468	k -3.15206	k -.733721	4.522183	k .0820742	^ ----

Sample Name: K1792-11 Acquired: 03/15/2019 12:00:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .0429741	k 164.0806	k 156.7056	-.001814	-.158049	.0637522
Stddev	.0011095	.7818	.4649	.002692	.003134	.0016810
%RSD	2.581814	.4765003	.2966403	148.4196	1.983139	2.636777

#1	s .0420318	k 163.6449	k 156.1721	-.004459	-.159067	.0649430
#2	s .0426935	k 163.6137	k 156.9208	-.001906	-.154533	.0644844
#3	s .0441969	k 164.9832	k 157.0238	.000923	-.160549	.0618293

Elem	Sr4077
Units	ppm
Avg	2.062243
Stddev	.011251
%RSD	.5455933

#1	2.067121
#2	2.070232
#3	2.049376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-3766.26	^ *****	43981.80	4631.739	2859.403
Stddev	11.68	-----	126.31	20.084	15.380
%RSD	.3102423	-----	.2871963	.4336162	.5378684

#1	-3774.81	^ -----	44067.77	4653.923	2869.253
#2	-3771.01	^ -----	43836.77	4626.500	2867.275
#3	-3752.94	^ -----	44040.84	4614.793	2841.680

Sample Name: K1792-13 Acquired: 03/15/2019 12:08:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.883870	k .3160039	k .2591767	s -.627226	s 9.508448	k 3.907421
Stddev	.015649	.0045342	.0040415	.008551	.091850	.024263
%RSD	1.770463	1.434855	1.559376	1.363334	.9659809	.6209354

#1	s -.901915	k .3163467	k .2585311	s -.620500	s 9.528803	k 3.889523
#2	s -.874026	k .3203569	k .2635022	s -.624328	s 9.408128	k 3.935036
#3	s -.875669	k .3113080	k .2554968	s -.636849	s 9.588413	k 3.897704

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.309867	k .0914231	k .1652889	kF 1813.773	kF 811.7538	k 1.437653
Stddev	.019099	.0005440	.0017473	9.293	3.2657	.008390
%RSD	.4431447	.5949968	1.057121	.5123688	.4023048	.5835818

#1	4.330339	k .0916570	k .1653207	k 1824.458	k 814.5660	k 1.429614
#2	4.292529	k .0918110	k .1635259	k 1807.574	k 808.1720	k 1.436990
#3	4.306733	k .0908013	k .1670201	k 1809.285	k 812.5234	k 1.446354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 1.332884	kF 3352.102	F 63.24794	520.8601	F 32.02356	k -.246803
Stddev	.015261	16.465	.27366	2.8930	.20631	.000523
%RSD	1.144967	.4911728	.4326741	.5554320	.6442474	.2117163

#1	k 1.338985	k 3370.471	63.53606	524.1725	31.83939	k -.247142
#2	k 1.344151	k 3347.164	63.21626	519.5787	31.98479	k -.247066
#3	k 1.315516	k 3338.672	62.99150	518.8291	32.24651	k -.246202

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 92.47200	kF -3.11799	kF -1.20525	4.716628	k .0755042	^ *****
Stddev	.15098	.01453	.00289	.024407	.0081988	----
%RSD	.1632668	.4660034	.2399090	.5174683	10.85879	----

#1	k 92.45526	k -3.13249	k -1.20385	4.717999	k .0828218	^ ----
#2	k 92.33009	k -3.11806	k -1.20858	4.740321	k .0770472	^ ----
#3	k 92.63065	k -3.10343	k -1.20333	4.691564	k .0666434	^ ----

Sample Name: K1792-13 Acquired: 03/15/2019 12:08:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .0439506	k 159.6733	k 156.0059	-.002881	-.161649	.0617367
Stddev	.0003257	.9742	2.4257	.001475	.002806	.0007325
%RSD	.7411558	.6101405	1.554861	51.19184	1.735829	1.186417

#1	s .0438976	k 158.7264	k 157.9508	-.001216	-.160043	.0608943
#2	s .0436547	k 159.6206	k 156.7789	-.004022	-.160015	.0622234
#3	s .0442996	k 160.6728	k 153.2879	-.003405	-.164889	.0620924

Elem	Sr4077
Units	ppm
Avg	2.053596
Stddev	.005509
%RSD	.2682698

#1	2.059815
#2	2.051645
#3	2.049327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-3725.26	^ *****	43735.36	4596.184	2845.076
Stddev	7.86	-----	153.85	42.127	17.137
%RSD	.2110923	-----	.3517651	.9165558	.6023331

#1	-3733.14	^ -----	43569.21	4548.445	2859.568
#2	-3725.24	^ -----	43764.00	4611.968	2849.498
#3	-3717.41	^ -----	43872.88	4628.139	2826.161

Sample Name: K1792-12 Acquired: 03/15/2019 12:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.938506	k .1301755	k .2553233	s -.718626	s 9.621921	k .5925569
Stddev	.010801	.0060545	.0058470	.010246	.062663	.0124456
%RSD	1.150875	4.651003	2.290049	1.425794	.6512563	2.100313

#1	s -.926613	k .1277330	k .2532508	s -.711929	s 9.631447	k .5793383
#2	s -.947705	k .1370697	k .2507948	s -.713528	s 9.555041	k .6040491
#3	s -.941202	k .1257238	k .2619243	s -.730421	s 9.679277	k .5942834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8560761	k .0190548	k .0912913	kF 1806.153	kF 806.3146	k .7032433
Stddev	.0032001	.0004642	.0008610	5.685	1.6498	.0013848
%RSD	.3738142	2.436241	.9431782	.3147774	.2046159	.1969121

#1	.8547380	k .0192931	k .0917518	k 1804.620	k 808.2196	k .7018188
#2	.8597281	k .0193514	k .0918243	k 1812.448	k 805.3756	k .7033264
#3	.8537621	k .0185198	k .0902980	k 1801.392	k 805.3486	k .7045846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .8513244	kF 3776.252	F 63.23503	520.1815	F 31.04945	^ *****
Stddev	.0181486	29.333	.20778	4.5561	.14898	-----
%RSD	2.131814	.7767803	.3285871	.8758674	.4798110	-----

#1	k .8303896	k 3755.670	63.09558	516.1159	31.00908	^ -----
#2	k .8626128	k 3809.840	63.47384	525.1058	30.92482	^ -----
#3	k .8609707	k 3763.247	63.13567	519.3227	31.21446	^ -----

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 94.18224	kF -3.17268	k -.756619	4.368422	k .1119745	^ *****
Stddev	.64056	.02843	.010498	.070879	.0070183	-----
%RSD	.6801299	.8960131	1.387512	1.622531	6.267796	-----

#1	k 94.84272	k -3.14146	k -.749235	4.300751	k .1057628	^ -----
#2	k 93.56365	k -3.19707	k -.768637	4.362390	k .1195879	^ -----
#3	k 94.14036	k -3.17951	k -.751986	4.442124	k .1105729	^ -----

Sample Name: K1792-12 Acquired: 03/15/2019 12:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .0397495	k 180.9102	k 157.3015	.0024433	-.157857	.0618136
Stddev	.0010590	.7590	.1836	.0011475	.001889	.0014231
%RSD	2.664143	.4195580	.1167427	46.96314	1.196705	2.302292

#1	s .0390304	k 180.7964	k 157.1267	.0036526	-.159393	.0602437
#2	s .0409656	k 180.2146	k 157.4929	.0023077	-.155748	.0621781
#3	s .0392525	k 181.7198	k 157.2848	.0013697	-.158431	.0630190

Elem	Sr4077
Units	ppm
Avg	2.059229
Stddev	.003750
%RSD	.1820987

#1	2.056173
#2	2.063413
#3	2.058101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-3703.25	^ *****	43881.11	4591.146	2850.941
Stddev	24.02	-----	210.56	14.264	7.583
%RSD	.6485598	-----	.4798398	.3106807	.2659875

#1	-3696.91	^ -----	43754.57	4587.925	2850.807
#2	-3683.04	^ -----	44124.17	4578.767	2858.590
#3	-3729.80	^ -----	43764.59	4606.744	2843.426

Sample Name: K1792-11LX5 Acquired: 03/15/2019 12:13:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0962L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -1.40577	.1320359	.0433323	-.761804	F 11.55548	-.098934
Stddev	.03136	.0057309	.0032747	.022864	.47530	.014524
%RSD	2.230946	4.340398	7.557121	3.001360	4.113233	14.68093

#1	-1.41478	.1254346	.0470860	-.761372	11.64923	-.114220
#2	-1.37089	.1349366	.0418501	-.739159	11.04029	-.085314
#3	-1.43164	.1357366	.0410608	-.784882	11.97693	-.097268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1652261	.0045925	-.009075	386.9799	F 290.1717	.1530925
Stddev	.0002776	.0002066	.000272	.2689	.3738	.0009279
%RSD	.1679991	4.498561	2.992499	.0694760	.1288037	.6061057

#1	.1655074	.0048310	-.008762	386.9883	289.7536	.1533230
#2	.1649524	.0044782	-.009251	386.7070	290.2879	.1520711
#3	.1652185	.0044684	-.009211	387.2445	290.4735	.1538835

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2365122	F 806.1078	13.52862	103.9566	F 6.705756	-.041921
Stddev	.0031531	3.1039	.03387	.2852	.024815	.000468
%RSD	1.333144	.3850482	.2503761	.2743383	.3700479	1.115937

#1	.2400335	803.0285	13.53432	103.6691	6.688786	-.041395
#2	.2339501	809.2357	13.49226	103.9614	6.694247	-.042079
#3	.2355532	806.0592	13.55928	104.2394	6.734235	-.042289

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.56112	.1703639	.6639884	.8116624	.0086237	.2588230
Stddev	.12682	.0061578	.0438525	.0237880	.0033187	.0096887
%RSD	.9351945	3.614494	6.604407	2.930779	38.48404	3.743375

#1	13.68589	.1735430	.6963001	.8044718	.0068503	.2482858
#2	13.43234	.1742825	.6140685	.7922993	.0124523	.2673469
#3	13.56514	.1632664	.6815964	.8382162	.0065683	.2608363

Sample Name: K1792-11LX5 Acquired: 03/15/2019 12:13:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0962L Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0901727	35.38696	33.68661	-.008575	-.034125	.0113991
Stddev	.0071317	.16658	.19266	.001856	.001959	.0002777
%RSD	7.908891	.4707515	.5719143	21.64604	5.740365	2.436228
#1	.0979654	35.36416	33.48343	-.010399	-.036130	.0117056
#2	.0885818	35.23295	33.86666	-.006688	-.032216	.0113274
#3	.0839708	35.56377	33.70972	-.008639	-.034027	.0111643

Elem	Sr4077
Units	ppm
Avg	.4070845
Stddev	.0002652
%RSD	.0651522
#1	.4067844
#2	.4071817
#3	.4072874

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	764.9469	303.7008	49492.44	4942.386	3479.530
Stddev	10.5984	10.0685	80.22	21.984	10.707
%RSD	1.385504	3.315262	.1620792	.4448011	.3077279
#1	757.9155	300.7757	49412.03	4967.616	3477.441
#2	777.1370	314.9079	49492.83	4927.345	3491.128
#3	759.7883	295.4187	49572.46	4932.197	3470.021

Sample Name: K1765-03DLX2 Acquired: 03/15/2019 12:17:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0986543	-.013475	1.627508	-.001909	.0074691	14.16632	15.27595
Stddev	.0024084	.003659	.009003	.003298	.0011033	.11183	.05353
%RSD	2.441252	27.15291	.5531589	172.8008	14.77081	.7893893	.3504246

#1	.0965254	-.014070	1.620933	.001186	.0072689	14.15493	15.21742
#2	.1012683	-.009555	1.623822	-.001533	.0086588	14.28341	15.32242
#3	.0981691	-.016799	1.637769	-.005379	.0064797	14.06063	15.28802

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033771	.0249327	696.6816	.1003108	.0361180	.1762136	152.9946
Stddev	.0000332	.0001817	2.5071	.0005336	.0002827	.0080930	.9856
%RSD	.9835737	.7286039	.3598680	.5319068	.7826052	4.592731	.6441885

#1	.0034126	.0248808	694.0698	.1000283	.0362640	.1769551	153.7981
#2	.0033468	.0247827	699.0690	.0999780	.0357922	.1839104	153.2909
#3	.0033720	.0251347	696.9061	.1009263	.0362977	.1677754	151.8949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.768765	407.8312	.0589776	-.006118	.5919761	.1418477	3.581570
Stddev	.019560	1.6305	.0011543	.000362	.1826062	.0072372	.020257
%RSD	.7064414	.3997864	1.957170	5.917459	30.84688	5.102106	.5655797

#1	2.746268	407.9479	.0577223	-.006133	.3945898	.1461713	3.592354
#2	2.781742	409.4002	.0592173	-.005748	.6264508	.1334926	3.558203
#3	2.778286	406.1455	.0599932	-.006472	.7548876	.1458792	3.594153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.379662	2.257846	.0490856	.0389014	8.058455	7.853142	-.001038
Stddev	.047839	.010741	.0056825	.0008361	.026063	.061580	.001221
%RSD	3.467472	.4757127	11.57684	2.149166	.3234205	.7841388	117.5837

#1	1.324514	2.250662	.0551927	.0386584	8.040282	7.859489	-.000817
#2	1.404479	2.252682	.0481102	.0382137	8.088315	7.911302	.000057
#3	1.409993	2.270193	.0439538	.0398320	8.046766	7.788635	-.002354

Sample Name: K1765-03DLX2 Acquired: 03/15/2019 12:17:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2534502	.0244796	.4013006
Stddev	.0024530	.0004784	.0013707
%RSD	.9678589	1.954171	.3415543

#1	.2536102	.0240562	.3997205
#2	.2509211	.0243841	.4020119
#3	.2558194	.0249986	.4021694

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.368	2418.729	50534.72	5024.959	3291.659
Stddev	5.402	10.618	90.75	44.862	10.128
%RSD	.2480060	.4389823	.1795842	.8927829	.3076980

#1	2177.481	2413.372	50431.35	5016.024	3288.305
#2	2184.159	2430.959	50571.52	4985.237	3303.039
#3	2173.464	2411.858	50601.29	5073.616	3283.633

Sample Name: K1765-12DLX2 Acquired: 03/15/2019 12:25:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150842	-.016453	3.471621	-.005733	.0057140	37.27989	17.85123
Stddev	.0079575	.004139	.029627	.002520	.0003142	.24165	.17644
%RSD	6.914491	25.15373	.8534091	43.96276	5.499295	.6482146	.9883899

#1	.1102893	-.020187	3.457449	-.007622	.0055857	37.50827	18.00889
#2	.1242697	-.017170	3.451742	-.002871	.0054842	37.02685	17.66065
#3	.1106935	-.012004	3.505672	-.006707	.0060720	37.30454	17.88416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049450	.0274933	239.0755	.1743442	.0891175	.2680244	209.6359
Stddev	.0001199	.0002621	2.0733	.0002498	.0007289	.0045419	1.5438
%RSD	2.424498	.9533605	.8671964	.1432641	.8179572	1.694571	.7364101

#1	.0049438	.0272034	240.8706	.1746061	.0889627	.2728177	211.3779
#2	.0048257	.0275630	236.8063	.1743178	.0884783	.2637847	208.4374
#3	.0050655	.0277136	239.5497	.1741086	.0899113	.2674707	209.0923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.826361	127.7145	.1414561	-.007483	-.064412	.2181770	3.692593
Stddev	.053338	1.0243	.0021054	.000509	.208945	.0039100	.033136
%RSD	.6815148	.8019985	1.488394	6.803898	324.3898	1.792114	.8973751

#1	7.864731	128.6220	.1399717	-.007082	-.129881	.2215369	3.728878
#2	7.765454	126.6039	.1405310	-.008056	-.232782	.2138853	3.684966
#3	7.848897	127.9178	.1438657	-.007311	.169428	.2191088	3.663935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.705867	5.397924	.0733274	.0219918	6.952503	17.58676	.0362535
Stddev	.044393	.056550	.0051871	.0002782	.072529	.24915	.0029963
%RSD	.9433521	1.047619	7.073836	1.265090	1.043201	1.416708	8.264925

#1	4.743957	5.363966	.0745975	.0221968	6.915822	17.80530	.0328683
#2	4.716531	5.366602	.0777614	.0216751	6.905642	17.31545	.0373269
#3	4.657114	5.463204	.0676233	.0221035	7.036045	17.63952	.0385653

Sample Name: K1765-12DLX2 Acquired: 03/15/2019 12:25:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9479280	.0268098	.2181875
Stddev	.0228856	.0010562	.0013891
%RSD	2.414271	3.939725	.6366630

#1	.9402059	.0267060	.2191031
#2	.9736757	.0258093	.2165891
#3	.9299025	.0279141	.2188702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2340.217	2625.762	53219.20	5371.238	3598.747
Stddev	14.460	14.607	138.87	36.889	23.418
%RSD	.6178718	.5562959	.2609345	.6867784	.6507339

#1	2341.203	2632.987	53168.58	5331.446	3613.482
#2	2325.290	2635.349	53112.74	5404.295	3611.016
#3	2354.158	2608.950	53376.27	5377.974	3571.744

Sample Name: K1765-11DLX2 Acquired: 03/15/2019 12:21:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1019781	-.011332	1.615243	-.003928	.0048089	24.47720	17.32854
Stddev	.0029797	.005134	.003197	.004355	.0020689	.06851	.01489
%RSD	2.921899	45.30960	.1979307	110.8751	43.02282	.2798870	.0859514

#1	.1016214	-.016878	1.611628	-.001702	.0060705	24.55434	17.34551
#2	.0991928	-.006745	1.616406	-.001136	.0024212	24.45382	17.31766
#3	.1051201	-.010372	1.617696	-.008945	.0059349	24.42344	17.32243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047697	.0161777	416.1046	.1398480	.0926353	.0876208	133.1766
Stddev	.0000523	.0000307	.3975	.0015420	.0002978	.0044293	.5825
%RSD	1.097298	.1894283	.0955335	1.102591	.3215081	5.055115	.4373748

#1	.0047157	.0162109	416.4595	.1392526	.0929155	.0923559	133.8155
#2	.0047731	.0161717	415.6750	.1415989	.0926677	.0869276	132.6751
#3	.0048202	.0161505	416.1793	.1386926	.0923225	.0835790	133.0393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.780049	230.9073	.0568586	-.003999	-.132339	.2459724	2.289796
Stddev	.020455	1.1408	.0009313	.000345	.273596	.0081860	.025816
%RSD	.2329762	.4940396	1.637928	8.638338	206.7395	3.328023	1.127445

#1	8.803580	232.1782	.0577979	-.003824	-.439654	.2365247	2.310442
#2	8.770065	230.5717	.0559355	-.003776	.084745	.2504391	2.298097
#3	8.766503	229.9719	.0568425	-.004397	-.042107	.2509534	2.260851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.275469	3.401618	.0477932	.0120553	6.246544	10.84132	-.001960
Stddev	.047489	.006210	.0012763	.0002901	.006895	.13036	.002001
%RSD	2.087010	.1825487	2.670489	2.406782	.1103844	1.202402	102.1264

#1	2.268546	3.398959	.0463216	.0123892	6.246408	10.98425	-.003577
#2	2.231821	3.397180	.0485986	.0119125	6.253506	10.72899	-.002581
#3	2.326039	3.408714	.0484593	.0118643	6.239718	10.81071	.000279

Sample Name: K1765-11DLX2 Acquired: 03/15/2019 12:21:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3966575	.0220008	.3034392
Stddev	.0030082	.0015899	.0002202
%RSD	.7583954	7.226686	.0725670

#1	.4001158	.0219980	.3036717
#2	.3952100	.0235921	.3032338
#3	.3946466	.0204123	.3034120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.519	2512.678	51578.86	5134.308	3438.268
Stddev	8.466	1.703	238.19	48.688	3.419
%RSD	.3756628	.0677695	.4618002	.9482968	.0994413

#1	2244.670	2514.458	51768.28	5078.215	3440.887
#2	2261.541	2512.512	51311.45	5159.073	3439.517
#3	2254.346	2511.064	51656.85	5165.636	3434.400

Sample Name: K1765-20DLX2 Acquired: 03/15/2019 12:33:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364732	-.005926	1.984499	-.003230	.0013386	17.06969	13.77132
Stddev	.0046456	.004077	.012030	.008435	.0004148	.05373	.07062
%RSD	12.73699	68.80298	.6061886	261.1690	30.98945	.3147633	.5127841

#1	.0409213	-.010247	1.979276	-.008374	.0013690	17.05414	13.84976
#2	.0316526	-.005383	1.975963	-.007820	.0009094	17.02546	13.71279
#3	.0368458	-.002147	1.998257	.006505	.0017373	17.12949	13.75142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016269	.0137996	594.0767	.0376343	.0276813	.0630564	44.82088
Stddev	.0000498	.0000796	2.5958	.0001043	.0003271	.0042086	.46230
%RSD	3.058783	.5771851	.4369485	.2771191	1.181575	6.674392	1.031435

#1	.0016185	.0137104	596.8504	.0376737	.0277779	.0593055	44.49953
#2	.0015818	.0138636	591.7058	.0375161	.0273169	.0676077	44.61240
#3	.0016803	.0138247	593.6740	.0377131	.0279493	.0622559	45.35070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.771840	347.0144	.0307594	-.000586	.3255950	.0952908	2.248812
Stddev	.005027	3.3399	.0002635	.000625	.2916110	.0022578	.032099
%RSD	.1813761	.9624570	.8565816	106.7044	89.56251	2.369331	1.427354

#1	2.773885	344.5427	.0310294	-.001256	.4985886	.0970978	2.272921
#2	2.766113	345.6865	.0307460	-.000485	-.011086	.0927599	2.212378
#3	2.775524	350.8140	.0305029	-.000017	.489282	.0960146	2.261137

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.330610	1.274313	.0222828	.0124330	6.816585	7.698932	-.006069
Stddev	.086171	.008919	.0002900	.0003267	.022110	.084074	.003346
%RSD	6.476034	.6998984	1.301650	2.627727	.3243554	1.092022	55.13076

#1	1.282399	1.273316	.0224553	.0127774	6.821136	7.608015	-.002695
#2	1.279337	1.265935	.0219479	.0121274	6.792553	7.714911	-.009386
#3	1.430096	1.283689	.0224451	.0123941	6.836065	7.773870	-.006126

Sample Name: K1765-20DLX2 Acquired: 03/15/2019 12:33:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2857446	.0241157	.3396791
Stddev	.0032025	.0028574	.0010965
%RSD	1.120759	11.84882	.3227952

#1	.2851510	.0268545	.3409452
#2	.2828805	.0211528	.3390384
#3	.2892025	.0243400	.3390537

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.671	2442.071	51031.21	5076.789	3343.887
Stddev	18.939	8.993	267.83	19.452	13.948
%RSD	.8586459	.3682381	.5248451	.3831548	.4171190

#1	2186.950	2449.998	50727.45	5090.050	3355.003
#2	2205.241	2443.915	51132.75	5085.858	3348.423
#3	2224.820	2432.298	51233.42	5054.458	3328.236

Sample Name: K1765-17DLX2 Acquired: 03/15/2019 12:29:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803504	-.012753	2.878289	-.003433	.0031617	47.61902	18.96682
Stddev	.0018180	.003189	.021154	.001308	.0006344	.44982	.10043
%RSD	2.262564	25.01030	.7349572	38.09034	20.06540	.9446299	.5295211

#1	.0793630	-.016143	2.865691	-.001935	.0031726	47.45548	18.90468
#2	.0824485	-.012304	2.866465	-.004023	.0037906	47.27385	18.91310
#3	.0792398	-.009811	2.902712	-.004342	.0025219	48.12774	19.08269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050315	.0089249	184.8439	.1064572	.0396077	.1659671	155.4481
Stddev	.0000529	.0001544	1.0760	.0005581	.0002707	.0018511	1.6323
%RSD	1.051449	1.729509	.5821009	.5242820	.6834913	1.115327	1.050069

#1	.0050764	.0088484	184.3182	.1058930	.0395767	.1638981	155.3128
#2	.0049732	.0091025	184.1318	.1070090	.0393538	.1665368	153.8876
#3	.0050448	.0088237	186.0816	.1064697	.0398926	.1674664	157.1438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.535414	103.9362	.0717278	-.004826	.3380883	.2390616	3.144208
Stddev	.015747	.8760	.0004080	.000269	.0804610	.0038388	.023011
%RSD	.6210788	.8428075	.5687510	5.569489	23.79882	1.605776	.7318488

#1	2.525551	103.7738	.0716682	-.004602	.2766317	.2420301	3.120584
#2	2.527118	103.1528	.0713529	-.004751	.4291597	.2347265	3.166553
#3	2.553575	104.8821	.0721623	-.005124	.3084735	.2404283	3.145486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.633237	1.590946	.0452202	.0079498	5.139443	15.44610	-.000810
Stddev	.037916	.011895	.0042330	.0003245	.029486	.04251	.000745
%RSD	1.043596	.7476905	9.360959	4.081591	.5737229	.2752383	91.99298

#1	3.591746	1.589748	.0456321	.0083081	5.144321	15.44655	-.000043
#2	3.666086	1.579695	.0407962	.0076757	5.107822	15.40336	-.001530
#3	3.641880	1.603395	.0492321	.0078656	5.166186	15.48839	-.000856

Sample Name: K1765-17DLX2 Acquired: 03/15/2019 12:29:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3824181	.0279720	.2018253
Stddev	.0070071	.0011099	.0012761
%RSD	1.832310	3.967839	.6323015

#1	.3779279	.0292371	.2010398
#2	.3788341	.0271622	.2011384
#3	.3904923	.0275165	.2032978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.572	2641.957	53312.41	5370.226	3618.634
Stddev	6.190	14.627	82.53	26.192	14.594
%RSD	.2631311	.5536606	.1548071	.4877344	.4032906

#1	2346.434	2646.222	53319.78	5369.406	3625.039
#2	2352.468	2653.977	53226.44	5396.819	3628.930
#3	2358.813	2625.671	53391.01	5344.454	3601.933

Sample Name: K1767-01DLX2 Acquired: 03/15/2019 12:37:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508990	-.005447	2.920945	-.000281	.0022087	18.10632
Stddev	.0087197	.006343	.022099	.006152	.0013163	.05794
%RSD	17.13130	116.4659	.7565625	2188.375	59.59410	.3199716

#1	.0593964	-.011250	2.908251	-.007328	.0025955	18.08615
#2	.0419729	.001325	2.908121	.002466	.0032883	18.06116
#3	.0513278	-.006415	2.946462	.004018	.0007424	18.17164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.07708	.0026476	.0678676	F 1028.902	.0310234	.0251334
Stddev	.01800	.0000875	.0007872	1.996	.0003045	.0000912
%RSD	.1376155	3.304892	1.159948	.1939814	.9816003	.3627207

#1	13.06236	.0026736	.0676574	1028.747	.0307337	.0251709
#2	13.07173	.0025501	.0672067	1026.988	.0309955	.0250294
#3	13.09714	.0027192	.0687386	1030.970	.0313409	.0251998

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069254	57.20762	1.610541	597.2670	.0427203	-.001139
Stddev	.0025747	.42533	.006151	2.2540	.0004094	.000428
%RSD	2.407940	.7434782	.3819209	.3773776	.9582949	37.60607

#1	.1067846	56.71727	1.603481	595.4012	.0431091	-.000845
#2	.1044239	57.47660	1.614743	596.6284	.0422930	-.000940
#3	.1095675	57.42900	1.613399	599.7713	.0427587	-.001630

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.094600	.0973960	15.06951	1.731032	.9075133	.0351080
Stddev	.218888	.0065247	.17332	.029807	.0056097	.0024365
%RSD	19.99712	6.699155	1.150118	1.721919	.6181391	6.939983

#1	1.162360	.1029853	14.87217	1.706169	.9093104	.0323351
#2	.849844	.0989766	15.19701	1.722851	.9012252	.0369065
#3	1.271596	.0902262	15.13934	1.764075	.9120041	.0360825

Sample Name: K1767-01DLX2 Acquired: 03/15/2019 12:37:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170678	16.90857	8.097484	-.007537	.2379303	.0345243
Stddev	.0004567	.10510	.008511	.001518	.0065897	.0020866
%RSD	2.675823	.6215553	.1051044	20.13459	2.769599	6.043996

#1	.0171085	16.85750	8.088642	-.008818	.2368296	.0321933
#2	.0175028	16.83877	8.105619	-.005861	.2319602	.0362178
#3	.0165921	17.02944	8.098190	-.007931	.2450010	.0351619

Elem	Sr4077
Units	ppm
Avg	.5303476
Stddev	.0015543
%RSD	.2930716

#1	.5290691
#2	.5298960
#3	.5320777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.424	2369.425	50299.45	4989.555	3129.361
Stddev	10.074	15.226	21.43	13.942	15.132
%RSD	.4665216	.6425869	.0426146	.2794266	.4835547

#1	2170.892	2372.999	50319.60	4980.062	3137.817
#2	2152.003	2382.546	50276.93	5005.562	3138.374
#3	2155.376	2352.731	50301.83	4983.041	3111.890

Sample Name: K1767-05DLX2 Acquired: 03/15/2019 12:41:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613681	-.011745	4.201327	.0019003	.0047069	11.14431
Stddev	.0051848	.003470	.036029	.0041093	.0017302	.09027
%RSD	8.448654	29.54402	.8575582	216.2482	36.75862	.8099754

#1	.0673421	-.007769	4.186105	.0055705	.0056612	11.20649
#2	.0580412	-.014163	4.175408	-.002539	.0057498	11.18568
#3	.0587210	-.013302	4.242469	.002670	.0027097	11.04078

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.15037	.0023478	.0212448	F 1523.573	.0291945	.0424998
Stddev	.07944	.0000154	.0004001	6.522	.0007351	.0005750
%RSD	.4148155	.6539925	1.883175	.4280655	2.518074	1.353023

#1	19.20960	.0023424	.0210028	1525.516	.0296925	.0424399
#2	19.18141	.0023359	.0210251	1528.902	.0295409	.0419571
#3	19.06009	.0023651	.0217066	1516.300	.0283502	.0431025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2495389	63.05129	6.266058	564.8431	.0586291	-.000409
Stddev	.0029741	.20585	.036461	3.1946	.0006324	.000313
%RSD	1.191822	.3264727	.5818785	.5655649	1.078597	76.57252

#1	.2504966	63.01288	6.272350	564.0474	.0582681	-.000532
#2	.2519161	63.27363	6.298963	568.3602	.0582599	-.000053
#3	.2462039	62.86735	6.226860	562.1215	.0593593	-.000642

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9618132	.0731204	1.823252	3.455687	2.850350	.0416123
Stddev	.0478366	.0061644	.014906	.089525	.039593	.0014119
%RSD	4.973589	8.430454	.8175391	2.590662	1.389075	3.392869

#1	.9644155	.0781697	1.809034	3.384402	2.840634	.0410443
#2	.9127285	.0749405	1.838762	3.426495	2.816519	.0432196
#3	1.008296	.0662508	1.821960	3.556165	2.893897	.0405728

Sample Name: K1767-05DLX2 Acquired: 03/15/2019 12:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210140	10.77303	8.999303	-.006625	.0985451	.0471410
Stddev	.0006712	.09528	.095823	.000425	.0009158	.0027257
%RSD	3.194051	.8843910	1.064777	6.421950	.9292766	5.782000

#1	.0202689	10.70882	9.026952	-.006203	.0977979	.0440074
#2	.0215713	10.72777	9.078261	-.007054	.0982708	.0484526
#3	.0212017	10.88250	8.892696	-.006618	.0995667	.0489628

Elem	Sr4077
Units	ppm
Avg	.9997435
Stddev	.0032793
%RSD	.3280188

#1	.9999485
#2	1.002916
#3	.996367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.729	2324.523	50233.66	4959.353	3043.669
Stddev	3.234	15.197	233.04	27.594	21.325
%RSD	.1513415	.6537829	.4639093	.5563984	.7006209

#1	2134.233	2327.321	50213.17	4957.184	3048.691
#2	2135.570	2338.126	50011.54	4932.907	3062.035
#3	2140.382	2308.121	50476.27	4987.967	3020.282

Sample Name: K1767-08DLX2 Acquired: 03/15/2019 12:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032448	-.013030	2.298989	-.001010	.0019801	30.63057
Stddev	.0075803	.002020	.017634	.004569	.0012167	.08360
%RSD	7.342108	15.50348	.7670422	452.5915	61.44491	.2729419

#1	.1073420	-.010829	2.288037	.000612	.0022657	30.69631
#2	.0944976	-.014799	2.289599	-.006168	.0006461	30.53647
#3	.1078948	-.013463	2.319331	.002528	.0030286	30.65892

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.74113	.0037301	.0130033	69.37570	.1722760	.0568201
Stddev	.12986	.0001253	.0002092	.30343	.0008357	.0007006
%RSD	.5469673	3.359350	1.608934	.4373784	.4850971	1.233075

#1	23.61959	.0037450	.0129947	69.58606	.1721286	.0564341
#2	23.87795	.0035980	.0127986	69.02786	.1731756	.0563974
#3	23.72587	.0038473	.0132167	69.51317	.1715238	.0576289

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1041818	152.8292	4.459131	38.39046	.0512106	-.004885
Stddev	.0033377	.6939	.008109	.14255	.0001215	.000357
%RSD	3.203732	.4540363	.1818611	.3713238	.2371939	7.304856

#1	.1074764	153.1006	4.452987	38.34820	.0511106	-.004703
#2	.1042662	152.0406	4.456084	38.27381	.0511754	-.004655
#3	.1008026	153.3463	4.468323	38.54936	.0513458	-.005296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.520053	.2856112	1.039406	2.084440	1.207619	.0402393
Stddev	.130980	.0039632	.037894	.085113	.009494	.0022078
%RSD	25.18583	1.387639	3.645746	4.083262	.7861379	5.486805

#1	-.567104	.2900572	.999350	2.088392	1.204973	.0416867
#2	-.621008	.2824490	1.074686	1.997420	1.199730	.0376981
#3	-.372047	.2843274	1.044184	2.167508	1.218155	.0413331

Sample Name: K1767-08DLX2 Acquired: 03/15/2019 12:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077969	5.850377	14.46060	-.000598	.6607542	.0123082
Stddev	.0011095	.036551	.06562	.001092	.0007757	.0029971
%RSD	14.22998	.6247597	.4537752	182.6275	.1174044	24.35032

#1	.0066365	5.844075	14.48289	-.001728	.6607095	.0115957
#2	.0079067	5.817387	14.38673	.000452	.6600018	.0155973
#3	.0088473	5.889669	14.51216	-.000517	.6615514	.0097315

Elem	Sr4077
Units	ppm
Avg	.2101642
Stddev	.0008864
%RSD	.4217589

#1	.2109728
#2	.2092165
#3	.2103033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.430	2652.508	53014.08	5327.448	3753.278
Stddev	6.654	16.234	209.24	9.164	20.298
%RSD	.2818997	.6120157	.3946862	.1720218	.5408109

#1	2368.087	2656.603	53197.34	5333.483	3761.625
#2	2357.150	2666.302	52786.10	5331.959	3768.071
#3	2356.053	2634.619	53058.81	5316.903	3730.137

Sample Name: K1767-11DLX2 Acquired: 03/15/2019 12:53:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0476470	-.007530	2.744804	-.000503	.0012979	32.87269	17.36889
Stddev	.0033470	.000947	.016798	.004702	.0008510	.13055	.01035
%RSD	7.024590	12.58023	.6120004	934.7277	65.56482	.3971399	.0595635

#1	.0452677	-.006695	2.740870	-.000442	.0021514	32.92384	17.37555
#2	.0514741	-.007334	2.730321	.004168	.0004494	32.72431	17.35698
#3	.0461990	-.008559	2.763220	-.005236	.0012930	32.96992	17.37415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029882	.0075031	25.55183	.0844905	.0624757	.1523873	98.66876
Stddev	.0000695	.0001150	.10180	.0004991	.0007270	.0059533	.58098
%RSD	2.324908	1.532011	.3984009	.5907752	1.163616	3.906664	.5888176

#1	.0029380	.0074458	25.53395	.0849370	.0619741	.1505857	98.94261
#2	.0030675	.0074281	25.46016	.0845828	.0621436	.1475430	98.00146
#3	.0029592	.0076354	25.66139	.0839516	.0633094	.1590333	99.06221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986133	11.94318	.0572469	-.002400	-.707204	.1474909	2.053904
Stddev	.012174	.02939	.0004819	.000136	.145112	.0035092	.019999
%RSD	.3054072	.2460926	.8417896	5.656551	20.51911	2.379283	.9737277

#1	3.978815	11.94353	.0567406	-.002254	-.544925	.1479235	2.064983
#2	3.979397	11.91362	.0572999	-.002421	-.824491	.1507637	2.030816
#3	4.000186	11.97239	.0577000	-.002523	-.752197	.1437854	2.065911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.913882	2.716385	.0390029	.0062187	6.386336	8.113831	.0087731
Stddev	.077468	.028223	.0002092	.0001538	.042504	.019478	.0011652
%RSD	1.979314	1.038998	.5363100	2.473127	.6655486	.2400589	13.28201

#1	3.880056	2.712714	.0388814	.0060694	6.386584	8.134652	.0090106
#2	4.002511	2.690178	.0388828	.0063767	6.343709	8.110787	.0075074
#3	3.859079	2.746265	.0392444	.0062100	6.428716	8.096054	.0098012

Sample Name: K1767-11DLX2 Acquired: 03/15/2019 12:53:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6407914	.0198264	.1413176
Stddev	.0071504	.0006412	.0001633
%RSD	1.115864	3.233830	.1155765

#1	.6478293	.0196411	.1412922
#2	.6335337	.0192984	.1411685
#3	.6410112	.0205398	.1414922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.347	2688.542	53782.80	5379.451	3822.294
Stddev	10.899	21.939	261.85	23.743	25.762
%RSD	.4548064	.8160064	.4868633	.4413740	.6739860

#1	2384.184	2701.812	53504.19	5352.750	3832.768
#2	2399.630	2700.593	53820.37	5398.191	3841.170
#3	2405.226	2663.219	54023.83	5387.413	3792.945

Sample Name: K1767-12DLX2 Acquired: 03/15/2019 12:57:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658366	-.019298	7.887950	-.003067	.0066027	25.63312
Stddev	.0071715	.003753	.062678	.003072	.0012109	.05716
%RSD	10.89280	19.44951	.7946024	100.1394	18.34008	.2230109

#1	.0590219	-.020148	7.866144	-.005037	.0053507	25.61924
#2	.0733182	-.015193	7.839088	-.004637	.0077680	25.69594
#3	.0651696	-.022554	7.958619	.000472	.0066894	25.58417

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.23664	.0046490	.0424161	181.3692	.2832056	.0673232
Stddev	.04514	.0000613	.0003040	.6385	.0007032	.0002892
%RSD	.2230535	1.318825	.7168199	.3520316	.2483044	.4295391

#1	20.22530	.0047192	.0423673	181.3312	.2825583	.0671115
#2	20.28637	.0046058	.0421394	182.0257	.2831047	.0672054
#3	20.19825	.0046221	.0427416	180.7505	.2839538	.0676526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4936591	273.3906	7.328896	86.13479	.1584892	-.010118
Stddev	.0031969	1.0255	.026593	.32463	.0015006	.000766
%RSD	.6475945	.3751192	.3628546	.3768853	.9468349	7.574592

#1	.4932755	274.3826	7.307555	86.50644	.1570567	-.009723
#2	.4970305	272.3345	7.358688	85.90667	.1583613	-.009630
#3	.4906713	273.4547	7.320445	85.99126	.1600497	-.011002

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.720308	.1599789	3.309342	2.992903	3.069666	.0928283
Stddev	.109251	.0023177	.049014	.069865	.018350	.0060695
%RSD	15.16723	1.448733	1.481069	2.334351	.5977798	6.538412

#1	-.845266	.1621786	3.316600	2.914997	3.063452	.0953742
#2	-.672829	.1575590	3.257105	3.049996	3.055229	.0859005
#3	-.642830	.1601991	3.354322	3.013717	3.090316	.0972103

Sample Name: K1767-12DLX2 Acquired: 03/15/2019 12:57:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0326754	8.334051	10.29860	.0448285	.8086572	.0195522
Stddev	.0008628	.070771	.05987	.0017884	.0049101	.0009508
%RSD	2.640583	.8491741	.5813226	3.989408	.6071917	4.862908

#1	.0327389	8.340411	10.33486	.0447418	.8131308	.0187545
#2	.0317826	8.260316	10.33144	.0430851	.8034039	.0192977
#3	.0335048	8.401428	10.22950	.0466587	.8094369	.0206043

Elem	Sr4077
Units	ppm
Avg	.2179902
Stddev	.0007160
%RSD	.3284716

#1	.2177143
#2	.2188032
#3	.2174532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.133	2601.853	52740.38	5313.478	3637.300
Stddev	9.269	9.698	174.56	20.773	16.971
%RSD	.4005191	.3727532	.3309872	.3909501	.4665824

#1	2317.760	2611.286	52624.93	5294.741	3644.596
#2	2321.040	2602.364	52941.20	5309.877	3649.404
#3	2303.600	2591.909	52655.03	5335.816	3617.902

Sample Name: K1767-06DLX10 Acquired: 03/15/2019 13:17:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014947	-.005246	3.506954	-.004044	.0072741	8.123454
Stddev	.0059624	.002008	.026973	.000235	.0008468	.014622
%RSD	398.8937	38.27095	.7691284	5.818754	11.64096	.1799953

#1	-.003593	-.004239	3.491031	-.003908	.0075317	8.140268
#2	.000021	-.007558	3.491735	-.003909	.0079621	8.113718
#3	.008056	-.003941	3.538097	-.004316	.0063284	8.116376

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.24921	.0009942	.0010383	10.34845	.0168286	.0141306
Stddev	.33806	.0001267	.0000536	.02518	.0003881	.0002737
%RSD	1.394095	12.74488	5.165051	.2432742	2.306424	1.937096

#1	24.41477	.0011388	.0010442	10.36915	.0172660	.0140986
#2	24.47257	.0009412	.0009820	10.35578	.0166943	.0138742
#3	23.86028	.0009026	.0010888	10.32042	.0165254	.0144189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257278	23.81797	2.200138	1.967745	.0133265	.0003640
Stddev	.0045598	.08326	.011912	.072593	.0000556	.0001298
%RSD	17.72314	.3495519	.5414303	3.689137	.4169719	35.66451

#1	.0209316	23.88473	2.199829	1.993479	.0133069	.0005099
#2	.0262446	23.84449	2.212202	1.885791	.0133892	.0003208
#3	.0300071	23.72468	2.188383	2.023966	.0132833	.0002612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.558834	.0386788	3.290051	1.166161	1.649144	.0008829
Stddev	.279007	.0103210	.020992	.042773	.016109	.0009093
%RSD	49.92663	26.68377	.6380527	3.667847	.9767867	102.9884

#1	-.869287	.0482038	3.299414	1.186785	1.636057	-.000118
#2	-.329047	.0277132	3.304733	1.116984	1.644240	.001108
#3	-.478170	.0401195	3.266007	1.194715	1.667134	.001658

Sample Name: K1767-06DLX10 Acquired: 03/15/2019 13:17:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013296	1.651646	3.183103	-.000836	.2212387	.0008163
Stddev	.0003490	.011125	.022353	.000349	.0021609	.0003747
%RSD	26.25067	.6735959	.7022531	41.74715	.9767070	45.90183

#1	.0014193	1.645859	3.176765	-.000712	.2212947	.0009195
#2	.0016250	1.644607	3.207941	-.001231	.2190504	.0011287
#3	.0009445	1.664472	3.164603	-.000566	.2233710	.0004009

Elem	Sr4077
Units	ppm
Avg	.1952876
Stddev	.0002217
%RSD	.1135252

#1	.1954028
#2	.1954280
#3	.1950320

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.417	2684.295	52621.62	5273.408	3849.941
Stddev	5.887	10.170	126.54	17.927	10.092
%RSD	.2492892	.3788883	.2404638	.3399604	.2621438

#1	2364.018	2683.130	52567.64	5279.625	3850.088
#2	2365.556	2694.998	52766.19	5253.200	3859.959
#3	2354.678	2674.758	52531.02	5287.400	3839.776

Sample Name: CCV054 Acquired: 03/15/2019 13:21:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV054 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.229571	F 4.187731	23.34883	F 4.042052	4.907344	404.5401
Stddev	.052837	.024353	.18285	.032163	.056351	2.5467
%RSD	1.249235	.5815248	.7831270	.7957013	1.148302	.6295266

#1	4.175310	4.163195	23.20824	4.032373	4.869987	403.7605
#2	4.232543	4.188104	23.28271	4.015840	4.879884	402.4744
#3	4.280859	4.211896	23.55555	4.077943	4.972161	407.3855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.770952	.4698675	F 2.042290	394.2656	14.65350	2.291972
Stddev	.048707	.0038023	.014774	2.3881	.04323	.015999
%RSD	.4984866	.8092362	.7234262	.6057139	.2949918	.6980505

#1	9.746580	.4662781	2.028683	392.7755	14.60949	2.278091
#2	9.739243	.4694726	2.040183	393.0011	14.69590	2.288354
#3	9.827034	.4738519	2.058005	397.0201	14.65512	2.309470

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.38581	405.2405	14.21463	390.2733	2.434373	F 1.113081
Stddev	.06965	3.3952	.07242	3.3532	.020318	.002859
%RSD	.4841572	.8378151	.5094564	.8591967	.8346126	.2568799

#1	14.37885	406.2068	14.19581	391.6538	2.420485	1.112423
#2	14.31990	401.4669	14.15349	386.4502	2.424941	1.116211
#3	14.45868	408.0477	14.29460	392.7160	2.457692	1.110607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4929	2.416463	13.86385	150.6183	5.350198	F 4.036281
Stddev	2.7674	.016960	.13198	1.1089	.049913	.014507
%RSD	.6997393	.7018706	.9519524	.7362171	.9329148	.3594111

#1	394.5577	2.410572	14.01624	149.9571	5.307990	4.024196
#2	393.3143	2.403234	13.78685	149.9992	5.337316	4.032277
#3	398.6068	2.435584	13.78845	151.8984	5.405289	4.052369

Sample Name: CCV054 Acquired: 03/15/2019 13:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.127637	4.938237	F 4.175142	F 4.316311	F 4.241870	4.838391
Stddev	.044269	.038167	.020686	.032418	.023942	.028658
%RSD	1.072510	.7728930	.4954543	.7510532	.5644204	.5922943

#1	4.092861	4.901666	4.154403	4.293968	4.245081	4.822169
#2	4.112578	4.935223	4.175247	4.301473	4.216485	4.821524
#3	4.177471	4.977822	4.195775	4.353492	4.264045	4.871480

Elem	Sr4077
Units	ppm
Avg	4.669788
Stddev	.026109
%RSD	.5590981

#1	4.664841
#2	4.646507
#3	4.698017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.963	2275.818	49329.40	5023.404	3146.184
Stddev	5.862	18.001	106.55	32.419	17.885
%RSD	.2795624	.7909748	.2160020	.6453550	.5684805

#1	2099.801	2287.226	49360.97	5051.059	3155.571
#2	2090.222	2285.161	49210.64	5031.425	3157.423
#3	2100.868	2255.066	49416.61	4987.728	3125.560

Sample Name: CCB054 Acquired: 03/15/2019 13:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000362	-.001768	.0005243	.0009000	-.002121	-.007337	-.002677
Stddev	.0066258	.001856	.0024348	.0018672	.001987	.004744	.000461
%RSD	18309.34	104.9894	464.4246	207.4701	93.67056	64.65884	17.23800

#1	.0074642	-.002189	.0032196	.0029821	-.003370	-.011718	-.003208
#2	-.005265	.000262	-.000131	.0003440	-.003164	-.007996	-.002378
#3	-.002091	-.003378	-.001516	-.000626	.000170	-.002298	-.002444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000137	.0000481	.0372132	.0002503	.0001481	.0032325	.0114745
Stddev	.0000409	.0000858	.0235141	.0005998	.0000831	.0047863	.0509622
%RSD	298.8825	178.3845	63.18743	239.6420	56.13973	148.0677	444.1354

#1	-.000033	.0001319	.0549287	-.000151	.0001350	-.002293	-.002730
#2	.000028	.0000521	.0461750	-.000038	.0002370	.006085	.068032
#3	.000045	-.000040	.0105360	.000940	.0000723	.005906	-.030879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	.0454851	.0001169	.0017905	-.578554	.0000933	.0095907
Stddev	.001169	.0263846	.0003720	.0002461	.390767	.0030690	.0145240
%RSD	920.7369	58.00711	318.1936	13.74265	67.54210	3288.608	151.4384

#1	.000543	.0164052	.0002223	.0018702	-.329181	-.001457	-.001409
#2	.000553	.0521564	-.000296	.0015144	-1.02891	.003628	.004127
#3	-.001477	.0678938	.000425	.0019867	-.37757	-.001891	.026054

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0403872	-.005582	-.001778	.0003859	-.003104	-.002962	-.003479
Stddev	.0532115	.003627	.002519	.0003089	.001858	.001582	.000991
%RSD	131.7534	64.97885	141.6646	80.02963	59.86647	53.40432	28.49662

#1	.0499843	-.007199	.000772	.0001964	-.002426	-.004466	-.004598
#2	.0881471	-.001428	-.001842	.0007423	-.005206	-.003107	-.002711
#3	-.016970	-.008120	-.004265	.0002191	-.001680	-.001313	-.003128

Sample Name: CCB054 Acquired: 03/15/2019 13:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004312	-.003483	-.000105
Stddev	.000740	.001780	.000084
%RSD	17.16160	51.09489	79.56882

#1	-.005063	-.001430	-.000201
#2	-.004289	-.004433	-.000068
#3	-.003584	-.004586	-.000047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.408	2626.838	51376.95	5139.950	3810.532
Stddev	8.991	6.844	338.07	14.700	10.040
%RSD	.3901734	.2605575	.6580128	.2859867	.2634851

#1	2295.842	2625.716	51082.62	5132.250	3808.381
#2	2303.611	2620.624	51302.04	5130.700	3801.742
#3	2313.771	2634.175	51746.19	5156.900	3821.474

Sample Name: K1792-11LDL2X50 Acquired: 03/15/2019 13:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311753	.0110412	.0061521	.0018464	-.309261	-.026116
Stddev	.0110280	.0025671	.0010299	.0046117	.003215	.016774
%RSD	35.37402	23.25006	16.74093	249.7581	1.039422	64.22948

#1	.0377885	.0081729	.0056790	.0005386	-.311784	-.037026
#2	.0372929	.0131232	.0054437	-.001970	-.310358	-.006801
#3	.0184445	.0118275	.0073336	.006971	-.305642	-.034519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157859	.0005986	-.000949	43.52368	F 38.86596	.0173435
Stddev	.0010656	.0000399	.000154	.10892	.04184	.0005332
%RSD	6.750328	6.668727	16.24482	.2502607	.1076575	3.074483

#1	.0165735	.0006211	-.000772	43.43046	38.84584	.0171872
#2	.0162108	.0006222	-.001018	43.64341	38.83797	.0169058
#3	.0145734	.0005525	-.001056	43.49716	38.91406	.0179373

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295274	94.98601	1.551106	11.42410	.7786730	-.002572
Stddev	.0079212	.51125	.006178	.19441	.0039621	.000501
%RSD	26.82653	.5382353	.3982900	1.701780	.5088284	19.46045

#1	.0205631	94.82399	1.546069	11.37202	.7752983	-.002089
#2	.0355832	94.57541	1.557999	11.26103	.7776851	-.002538
#3	.0324360	95.55864	1.549249	11.63924	.7830356	-.003089

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6657731	.0383195	.0157623	.0394875	-.006232	.0280974
Stddev	.3569037	.0039148	.0058031	.0784662	.001927	.0017215
%RSD	53.60741	10.21615	36.81630	198.7115	30.92364	6.126744

#1	.6201365	.0365630	.0124242	.1257016	-.004228	.0262178
#2	1.043300	.0355906	.0224631	.0205115	-.006394	.0284769
#3	.333883	.0428049	.0123995	-.027750	-.008072	.0295974

Sample Name: K1792-11LDL2X50 Acquired: 03/15/2019 13:42:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013294	3.981515	3.755956	-.006075	-.008623	-.003794
Stddev	.0001050	.020408	.012139	.000784	.001898	.001894
%RSD	7.895527	.5125616	.3231891	12.91081	22.01030	49.92868
#1	.0012716	3.975710	3.750463	-.006319	-.008776	-.002499
#2	.0014505	3.964638	3.747534	-.005197	-.010441	-.005968
#3	.0012660	4.004196	3.769870	-.006708	-.006654	-.002915

Elem	Sr4077
Units	ppm
Avg	.0442542
Stddev	.0001754
%RSD	.3963092
#1	.0440517
#2	.0443585
#3	.0443523

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.111	2346.731	52149.62	5221.867	3826.545
Stddev	10.940	17.673	30.79	3.322	28.616
%RSD	.5078776	.7531074	.0590363	.0636121	.7478178
#1	2143.750	2359.695	52170.84	5222.725	3844.872
#2	2153.033	2353.898	52163.70	5224.675	3841.192
#3	2165.551	2326.600	52114.31	5218.200	3793.571

Sample Name: K1792-13DL2X10 Acquired: 03/15/2019 13:38:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141561	.0818457	.0258533	-.056734	-.362206	.2566636
Stddev	.0046968	.0031858	.0030752	.009121	.029989	.0077348
%RSD	33.17875	3.892460	11.89493	16.07758	8.279633	3.013583

#1	.0101269	.0809819	.0226023	-.059033	-.396655	.2649959
#2	.0130268	.0853743	.0262415	-.046683	-.348033	.2552824
#3	.0193146	.0791808	.0287159	-.064486	-.341930	.2497125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4351873	.0107573	.0078747	203.0581	F 170.2233	.1615124
Stddev	.0011263	.0001478	.0002690	.2887	1.8700	.0013259
%RSD	.2588157	1.374442	3.416545	.1421996	1.098536	.8209272

#1	.4364760	.0109030	.0079685	203.0800	171.7017	.1610852
#2	.4346949	.0107616	.0075713	202.7590	168.1212	.1604527
#3	.4343910	.0106074	.0080843	203.3353	170.8472	.1629992

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1628656	438.4525	7.308576	53.76074	3.708584	-.012991
Stddev	.0059207	2.1444	.005105	.47222	.024164	.000673
%RSD	3.635362	.4890742	.0698442	.8783681	.6515741	5.184331

#1	.1696812	440.1209	7.303122	53.93736	3.696878	-.013768
#2	.1589934	436.0338	7.313238	53.22567	3.692502	-.012632
#3	.1599221	439.2027	7.309368	54.11919	3.736371	-.012572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.925859	.1467860	.2436390	.4329536	.0036836	.1245952
Stddev	.279369	.0154748	.0161443	.0254015	.0026951	.0021485
%RSD	4.033712	10.54241	6.626307	5.867036	73.16338	1.724371

#1	7.110365	.1571785	.2622100	.4581477	.0066789	.1269190
#2	6.604444	.1290015	.2357597	.4073496	.0014547	.1226810
#3	7.062769	.1541782	.2329474	.4333633	.0029174	.1241856

Sample Name: K1792-13DL2X10 Acquired: 03/15/2019 13:38:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103274	18.52593	17.55287	-.009812	-.023870	.0046968
Stddev	.0018685	.09356	.04125	.003483	.001681	.0004968
%RSD	18.09275	.5050281	.2349867	35.50171	7.042843	10.57850

#1	.0116647	18.50413	17.59025	-.006316	-.021956	.0041894
#2	.0111250	18.44519	17.55974	-.013282	-.025106	.0047187
#3	.0081924	18.62847	17.50861	-.009837	-.024547	.0051824

Elem	Sr4077
Units	ppm
Avg	.2098947
Stddev	.0005458
%RSD	.2600152

#1	.2103845
#2	.2093064
#3	.2099932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1474.018	1300.683	50884.00	5117.673	3620.771
Stddev	15.728	16.032	363.19	5.569	20.608
%RSD	1.066987	1.232610	.7137531	.1088219	.5691496

#1	1455.928	1309.687	50483.97	5117.706	3633.378
#2	1484.450	1310.190	51193.03	5123.226	3631.945
#3	1481.676	1282.173	50975.01	5112.088	3596.990

Sample Name: K1767-08DL2X4 Acquired: 03/15/2019 13:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534546	-.004889	1.178862	-.002782	-.001428	15.80973	12.51660
Stddev	.0022044	.006668	.009138	.000946	.000743	.04937	.02869
%RSD	4.123949	136.3898	.7751495	34.00418	52.03706	.3122744	.2292346

#1	.0511821	-.006119	1.173920	-.003432	-.002248	15.80390	12.53314
#2	.0535977	.002308	1.173259	-.001697	-.000800	15.86175	12.53320
#3	.0555840	-.010856	1.189406	-.003217	-.001236	15.76353	12.48347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019462	.0068801	36.16985	.0897336	.0282546	.0576323	79.15029
Stddev	.0001544	.0000395	.03370	.0006759	.0001554	.0032541	.46780
%RSD	7.932067	.5747679	.0931845	.7532413	.5500320	5.646393	.5910284

#1	.0018194	.0068579	36.18891	.0900621	.0281235	.0542286	79.28660
#2	.0021181	.0069258	36.18970	.0889562	.0282139	.0607128	79.53479
#3	.0019010	.0068566	36.13093	.0901825	.0284263	.0579555	78.62947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327293	19.80556	.0260467	-.001650	-.618893	.1460478	.5373834
Stddev	.007347	.19262	.0003610	.000528	.168214	.0017351	.0098890
%RSD	.3156787	.9725781	1.385794	32.00909	27.17985	1.188006	1.840204

#1	2.323772	19.83554	.0260560	-.002259	-.536368	.1455621	.5272063
#2	2.335738	19.98144	.0256811	-.001327	-.812432	.1446073	.5379873
#3	2.322370	19.59971	.0264029	-.001363	-.507878	.1479739	.5469565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.091867	.6285810	.0164063	.0036723	3.029917	7.467687	-.003217
Stddev	.002831	.0034435	.0016214	.0000403	.025197	.046232	.001590
%RSD	.2592555	.5478186	9.882687	1.098872	.8316105	.6190989	49.42074

#1	1.094707	.6251723	.0178853	.0036706	3.012982	7.416782	-.001453
#2	1.089046	.6285126	.0166610	.0037135	3.017896	7.507065	-.003658
#3	1.091848	.6320582	.0146727	.0036328	3.058873	7.479213	-.004540

Sample Name: K1767-08DL2X4 Acquired: 03/15/2019 13:50:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3377465	.0031455	.1081779
Stddev	.0021615	.0002637	.0002856
%RSD	.6399925	8.384272	.2639969

#1	.3371854	.0032276	.1081893
#2	.3401332	.0033584	.1084576
#3	.3359208	.0028505	.1078868

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.273	2662.253	52661.67	5323.536	3815.668
Stddev	15.411	14.689	262.69	18.839	16.205
%RSD	.6557059	.5517568	.4988166	.3538762	.4246837

#1	2338.763	2666.924	52390.94	5344.836	3818.367
#2	2344.275	2674.039	52678.58	5309.061	3830.353
#3	2367.781	2645.796	52915.49	5316.712	3798.283

Sample Name: K1767-06DL2X20 Acquired: 03/15/2019 13:46:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062097	-.002151	1.799799	-.001658	.0022073	4.182820	12.63573
Stddev	.0070694	.002399	.006969	.006239	.0005473	.012312	.02637
%RSD	113.8447	111.5483	.3871890	376.4008	24.79298	.2943540	.2086645

#1	.0012843	.000431	1.798167	-.004998	.0022744	4.192166	12.62282
#2	.0030349	-.002571	1.793791	.005540	.0027179	4.168869	12.61830
#3	.0143099	-.004313	1.807438	-.005515	.0016296	4.187425	12.66606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005497	.0005298	5.391606	.0149289	.0069647	.0113585	12.33022
Stddev	.0000660	.0000581	.061594	.0008448	.0000305	.0012738	.07855
%RSD	12.01110	10.97346	1.142402	5.659013	.4377287	11.21480	.6370577

#1	.0004807	.0005238	5.344089	.0155988	.0069671	.0119391	12.28598
#2	.0006123	.0005906	5.369533	.0139798	.0069939	.0098978	12.28377
#3	.0005560	.0004748	5.461194	.0152081	.0069330	.0122386	12.42091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129360	1.055757	.0071685	.0011000	-.685828	.0126949	1.685199
Stddev	.003155	.136748	.0002933	.0001901	.065516	.0083132	.012389
%RSD	.2793292	12.95257	4.091951	17.28523	9.552764	65.48411	.7351730

#1	1.127325	.987797	.0071851	.0011990	-.747212	.0205580	1.693373
#2	1.127760	.966303	.0068673	.0008808	-.616844	.0039950	1.691279
#3	1.132994	1.213171	.0074532	.0012201	-.693429	.0135319	1.670944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6145037	.8484159	-.004372	.0007280	.8461166	1.638305	-.003151
Stddev	.0501115	.0082038	.000899	.0004161	.0030886	.018876	.000860
%RSD	8.154786	.9669511	20.56077	57.15546	.3650291	1.152182	27.27294

#1	.5971938	.8395400	-.004056	.0011908	.8450952	1.626899	-.003547
#2	.6709754	.8557202	-.003674	.0006082	.8495864	1.627924	-.003742
#3	.5753420	.8499874	-.005387	.0003849	.8436680	1.660094	-.002165

Sample Name: K1767-06DL2X20 Acquired: 03/15/2019 13:46:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1113577	-.001957	.0997702
Stddev	.0031335	.000546	.0001521
%RSD	2.813890	27.89302	.1524092

#1	.1149396	-.001721	.0996313
#2	.1100095	-.002581	.0997466
#3	.1091240	-.001568	.0999327

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.503	2669.983	52465.24	5257.529	3852.573
Stddev	6.947	9.318	237.95	44.791	9.126
%RSD	.2934294	.3489836	.4535386	.8519468	.2368781

#1	2373.679	2671.363	52526.14	5306.895	3848.349
#2	2368.848	2678.534	52666.82	5246.205	3863.046
#3	2359.982	2660.052	52202.75	5219.486	3846.325

Sample Name: K1767-12DL2X4 Acquired: 03/15/2019 13:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337274	-.007750	3.939550	-.006683	.0009899	12.70738	10.12071
Stddev	.0073555	.005174	.033217	.004725	.0016119	.05382	.05711
%RSD	21.80880	66.76619	.8431612	70.70698	162.8322	.4234998	.5643103

#1	.0418387	-.004051	3.911975	-.008753	-.000819	12.76805	10.18464
#2	.0318535	-.013663	3.930249	-.001276	.002273	12.68869	10.10276
#3	.0274902	-.005536	3.976426	-.010021	.001516	12.66541	10.07472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024545	.0213240	91.37918	.1456985	.0320067	.2500616	137.5569
Stddev	.0000278	.0001460	.47223	.0007346	.0006829	.0043228	.3378
%RSD	1.131560	.6848652	.5167850	.5041700	2.133633	1.728715	.2456026

#1	.0024664	.0212070	91.77171	.1457369	.0314392	.2484048	137.6171
#2	.0024745	.0212773	91.51070	.1449455	.0318163	.2468122	137.8607
#3	.0024228	.0214877	90.85513	.1464131	.0327646	.2549678	137.1931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.706061	42.65015	.0787425	-.003723	-.395568	.0862241	1.630592
Stddev	.018470	.16484	.0009051	.000341	.223342	.0077755	.021347
%RSD	.4983740	.3864932	1.149504	9.158149	56.46107	9.017822	1.309185

#1	3.716800	42.58248	.0786581	-.003432	-.431996	.0916315	1.613971
#2	3.716649	42.83806	.0778826	-.004098	-.598457	.0773132	1.623137
#3	3.684734	42.52992	.0796870	-.003639	-.156251	.0897276	1.654667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.457694	1.551915	.0380418	.0161461	4.157527	5.190052	.0196018
Stddev	.036398	.013271	.0020865	.0002398	.028720	.042315	.0014973
%RSD	2.496975	.8551140	5.484789	1.485371	.6907856	.8153056	7.638511

#1	1.477297	1.547427	.0366777	.0161046	4.133565	5.178494	.0213144
#2	1.480090	1.541471	.0370039	.0159297	4.149653	5.236945	.0189508
#3	1.415696	1.566848	.0404437	.0164039	4.189362	5.154717	.0185402

Sample Name: K1767-12DL2X4 Acquired: 03/15/2019 13:54:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4028570	.0073558	.1077206
Stddev	.0022505	.0015390	.0001732
%RSD	.5586236	20.92199	.1607926

#1	.4018419	.0087994	.1078721
#2	.4012929	.0075315	.1077581
#3	.4054362	.0057365	.1075318

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.138	2640.050	53015.57	5365.450	3768.307
Stddev	10.963	12.056	247.86	45.402	18.640
%RSD	.4662657	.4566711	.4675306	.8461988	.4946442

#1	2342.459	2645.683	52778.10	5354.911	3775.050
#2	2347.497	2648.260	52995.95	5326.245	3782.636
#3	2363.457	2626.209	53272.66	5415.195	3747.234

Sample Name: K1792-11DL2X10 Acquired: 03/15/2019 13:58:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0962 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114664	.0691613	.0218663	-.068963	-.320841	-.054314
Stddev	.0213088	.0064314	.0025271	.002097	.033057	.015213
%RSD	185.8368	9.299157	11.55704	3.040839	10.30325	28.01039

#1	.0204958	.0658400	.0221971	-.069899	-.325768	-.065989
#2	.0267738	.0650696	.0191900	-.066561	-.351158	-.037109
#3	-.012870	.0765743	.0242116	-.070428	-.285597	-.059843

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0863447	.0025289	-.002586	206.1796	F 170.6528	.0845220
Stddev	.0004683	.0000919	.000375	1.2765	.4932	.0004424
%RSD	.5423904	3.636059	14.49880	.6190960	.2889978	.5234140

#1	.0858127	.0024542	-.002338	204.7779	170.0946	.0842834
#2	.0866947	.0025009	-.003017	207.2751	171.0296	.0842501
#3	.0865266	.0026316	-.002403	206.4859	170.8340	.0850324

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188165	442.3172	7.289665	54.67997	3.694285	-.019845
Stddev	.0011761	3.3877	.046345	.28277	.030940	.000231
%RSD	.9898424	.7658930	.6357690	.5171303	.8375189	1.163248

#1	.1176140	439.5147	7.236491	54.43798	3.674208	-.019738
#2	.1188712	446.0819	7.321476	54.99080	3.678730	-.019687
#3	.1199642	441.3551	7.311028	54.61113	3.729916	-.020110

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.488538	.1355870	.1452151	.3327289	.0061125	.1230534
Stddev	.264910	.0095936	.0145696	.0302678	.0049143	.0065717
%RSD	4.082733	7.075623	10.03311	9.096834	80.39805	5.340512

#1	6.749246	.1245472	.1586372	.3243117	.0005523	.1158829
#2	6.496750	.1403133	.1297201	.3663144	.0098744	.1244880
#3	6.219618	.1419005	.1472881	.3075605	.0079108	.1287892

Sample Name: K1792-11DL2X10 Acquired: 03/15/2019 13:58:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095360	19.36397	17.77894	-.008193	-.020129	.0029166
Stddev	.0007944	.21347	.05704	.001026	.003016	.0007591
%RSD	8.330782	1.102410	.3208250	12.52473	14.98156	26.02616
#1	.0091497	19.26826	17.74606	-.008984	-.016666	.0037854
#2	.0104497	19.21510	17.84480	-.007034	-.022173	.0025827
#3	.0090085	19.60854	17.74594	-.008561	-.021549	.0023818

Elem	Sr4077
Units	ppm
Avg	.2123561
Stddev	.0014857
%RSD	.6996236
#1	.2106407
#2	.2132328
#3	.2131947

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.050	1291.007	51079.99	5158.727	3622.526
Stddev	7.991	12.459	50.93	33.760	15.773
%RSD	.5450470	.9650776	.0996966	.6544175	.4354007
#1	1475.180	1298.197	51085.52	5163.314	3627.474
#2	1462.645	1298.204	51026.52	5122.908	3635.232
#3	1460.327	1276.621	51127.92	5189.958	3604.873

Sample Name: CCV055 Acquired: 03/15/2019 14:06:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.262189	F 4.207169	23.55356	F 4.055022	4.956707	409.7113
Stddev	.023830	.034654	.19077	.021369	.043914	1.5416
%RSD	.5591096	.8236841	.8099554	.5269882	.8859482	.3762623

#1	4.240472	4.189039	23.39761	4.030363	4.913954	411.2577
#2	4.258414	4.185340	23.49680	4.068125	4.954472	409.7015
#3	4.287682	4.247126	23.76628	4.066578	5.001696	408.1746

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.907657	.4744049	F 2.048309	398.5865	14.72614	2.294989
Stddev	.034223	.0039723	.015677	.8928	.02773	.022510
%RSD	.3454182	.8373265	.7653527	.2239945	.1882978	.9808379

#1	9.946819	.4749259	2.036939	399.4002	14.72523	2.276736
#2	9.883498	.4780910	2.041796	398.7277	14.75431	2.288090
#3	9.892655	.4701978	2.066193	397.6314	14.69888	2.320141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54929	409.4436	14.35238	393.6925	2.458073	F 1.103956
Stddev	.02908	2.2796	.02684	2.9377	.019271	.000623
%RSD	.1998522	.5567550	.1870217	.7461882	.7839859	.0564566

#1	14.56109	411.1443	14.37425	396.6338	2.443440	1.103286
#2	14.57061	410.3332	14.36047	393.6854	2.450871	1.104063
#3	14.51617	406.8533	14.32243	390.7584	2.479908	1.104519

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.0849	2.434171	13.97015	153.0193	5.447933	F 4.027406
Stddev	.7714	.003952	.15616	.4865	.036417	.019331
%RSD	.1928116	.1623358	1.117809	.3179180	.6684611	.4799976

#1	400.7401	2.438582	14.08843	153.3696	5.417868	4.032346
#2	400.2799	2.432976	14.02888	153.2244	5.437505	4.043788
#3	399.2347	2.430955	13.79314	152.4638	5.488427	4.006084

Sample Name: CCV055 Acquired: 03/15/2019 14:06:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.137774	4.966498	F 4.206472	F 4.349459	F 4.305124	4.888954
Stddev	.034577	.061948	.034113	.048459	.024689	.013025
%RSD	.8356334	1.247317	.8109722	1.114149	.5734685	.2664104
#1	4.105483	4.900802	4.213016	4.323466	4.330005	4.903285
#2	4.133584	4.974837	4.236839	4.319541	4.304735	4.877837
#3	4.174254	5.023853	4.169560	4.405369	4.280633	4.885739

Elem	Sr4077
Units	ppm
Avg	4.696922
Stddev	.010853
%RSD	.2310715
#1	4.709443
#2	4.691115
#3	4.690208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.444	2267.279	49178.22	5002.610	3125.902
Stddev	8.430	12.588	163.31	28.391	20.054
%RSD	.4046368	.5552145	.3320834	.5675241	.6415562
#1	2083.966	2279.370	49366.11	5008.925	3140.538
#2	2074.765	2268.221	49070.29	4971.593	3134.124
#3	2091.602	2254.247	49098.27	5027.312	3103.043

Sample Name: K1792-12DL2X10 Acquired: 03/15/2019 14:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230876	.0636514	.0231228	-.069819	-.250896	-.037964
Stddev	.0036032	.0081130	.0031273	.000062	.033346	.014213
%RSD	15.60684	12.74599	13.52472	.0884142	13.29064	37.43885

#1	.0190253	.0646242	.0229868	-.069821	-.284797	-.021702
#2	.0258976	.0712342	.0263159	-.069756	-.249756	-.048011
#3	.0243399	.0550959	.0200658	-.069879	-.218135	-.044179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881763	.0025486	-.002218	210.4669	F 173.9137	.0860263
Stddev	.0009793	.0000484	.000217	2.1873	.1414	.0006228
%RSD	1.110659	1.899540	9.779412	1.039283	.0812804	.7239808

#1	.0890357	.0024999	-.002058	211.4982	173.8035	.0857189
#2	.0883830	.0025967	-.002131	211.9479	174.0730	.0856171
#3	.0871101	.0025492	-.002465	207.9545	173.8645	.0867431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254680	449.0930	7.437635	55.29321	3.780364	-.020492
Stddev	.0050014	4.0959	.060626	.51310	.020357	.000251
%RSD	3.986185	.9120445	.8151237	.9279575	.5385018	1.225139

#1	.1286645	450.6738	7.450974	55.00961	3.765868	-.020471
#2	.1280353	452.1630	7.490480	55.88551	3.771587	-.020252
#3	.1197044	444.4423	7.371450	54.98451	3.803638	-.020753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.764712	.1390242	.1941268	.4078745	.0053314	.1184708
Stddev	.400502	.0079267	.0192728	.0766893	.0016230	.0068262
%RSD	5.920454	5.701658	9.927954	18.80218	30.44295	5.761960

#1	6.905720	.1302338	.1719056	.3647835	.0037097	.1231013
#2	7.075638	.1412109	.2062889	.4964172	.0053286	.1106314
#3	6.312777	.1456281	.2041859	.3624228	.0069558	.1216798

Sample Name: K1792-12DL2X10 Acquired: 03/15/2019 14:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0962D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107287	19.74621	18.05555	-.011173	-.023540	.0026700
Stddev	.0006607	.08280	.18034	.000513	.003435	.0012106
%RSD	6.158293	.4193461	.9988052	4.593326	14.59250	45.34136
#1	.0110805	19.72419	18.08146	-.010850	-.025546	.0039780
#2	.0111391	19.67665	18.22153	-.011765	-.025501	.0015889
#3	.0099665	19.83780	17.86366	-.010905	-.019574	.0024432

Elem	Sr4077
Units	ppm
Avg	.2165459
Stddev	.0023013
%RSD	1.062718
#1	.2175453
#2	.2181785
#3	.2139139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.570	1242.692	50305.77	5076.472	3562.604
Stddev	15.143	13.811	256.26	53.963	21.092
%RSD	1.055571	1.111387	.5093963	1.062999	.5920499
#1	1419.698	1254.954	50065.93	5036.597	3577.678
#2	1449.970	1245.392	50575.77	5054.942	3571.633
#3	1434.042	1227.731	50275.61	5137.876	3538.500

Sample Name: CCB055 Acquired: 03/15/2019 14:10:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000223	-.000183	-.001301	.0028374	-.001830	.0027861	-.002641
Stddev	.003374	.002057	.000665	.0053540	.002169	.0116097	.000171
%RSD	1514.140	1122.972	51.13001	188.6960	118.5283	416.6951	6.468360

#1	.000078	-.000988	-.002040	.0011969	-.001336	-.007115	-.002450
#2	.002991	-.001716	-.000748	.0088197	.000049	-.000091	-.002697
#3	-.003738	.002155	-.001116	-.001504	-.004204	.015564	-.002777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000291	-.000006	.0405598	.0000093	.0002633	.0008791	-.023246
Stddev	.0000344	.000087	.0168282	.0006410	.0000859	.0010992	.018345
%RSD	118.1805	1566.658	41.48993	6925.123	32.60784	125.0316	78.91513

#1	.0000684	.000071	.0327988	-.000708	.0001750	-.000164	-.042249
#2	.0000146	.000013	.0290127	.000210	.0003465	.000775	-.005639
#3	.0000043	-.000101	.0598681	.000526	.0002685	.002027	-.021850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009635	.0657959	.0000949	.0018840	-.720298	.0007297	-.009106
Stddev	.0007613	.0554020	.0002563	.0001160	.102310	.0017942	.008017
%RSD	79.00765	84.20289	269.9027	6.155739	14.20387	245.8920	88.04191

#1	.0018321	.0964546	-.000159	.0019912	-.784159	-.001341	-.017900
#2	.0006462	.0990918	.000354	.0017609	-.774441	.001816	-.007217
#3	.0004123	.0018412	.000090	.0018999	-.602294	.001714	-.002202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287225	-.009134	-.001830	.0003075	-.001183	-.001652	-.005235
Stddev	.0517134	.002306	.000670	.0003980	.002970	.000445	.001205
%RSD	180.0451	25.24064	36.60837	129.4254	251.0676	26.96505	23.02334

#1	-.027361	-.011738	-.001472	.0001547	.002194	-.001178	-.006036
#2	.074521	-.008315	-.001415	.0000085	-.002354	-.001717	-.003849
#3	.039007	-.007350	-.002602	.0007592	-.003388	-.002061	-.005821

Sample Name: CCB055 Acquired: 03/15/2019 14:10:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v814) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB055 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007074	-.002723	-.000059
Stddev	.003087	.000323	.000114
%RSD	43.64751	11.84732	193.1104

#1	-.003568	-.002603	-.000109
#2	-.008266	-.003089	.000071
#3	-.009387	-.002478	-.000139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.656	2610.197	51339.26	5142.758	3780.876
Stddev	21.883	10.509	218.31	32.217	11.696
%RSD	.9499114	.4025995	.4252256	.6264496	.3093555

#1	2299.601	2613.991	51220.78	5140.150	3784.040
#2	2284.084	2618.282	51205.80	5176.200	3790.665
#3	2327.282	2598.318	51591.19	5111.925	3767.923