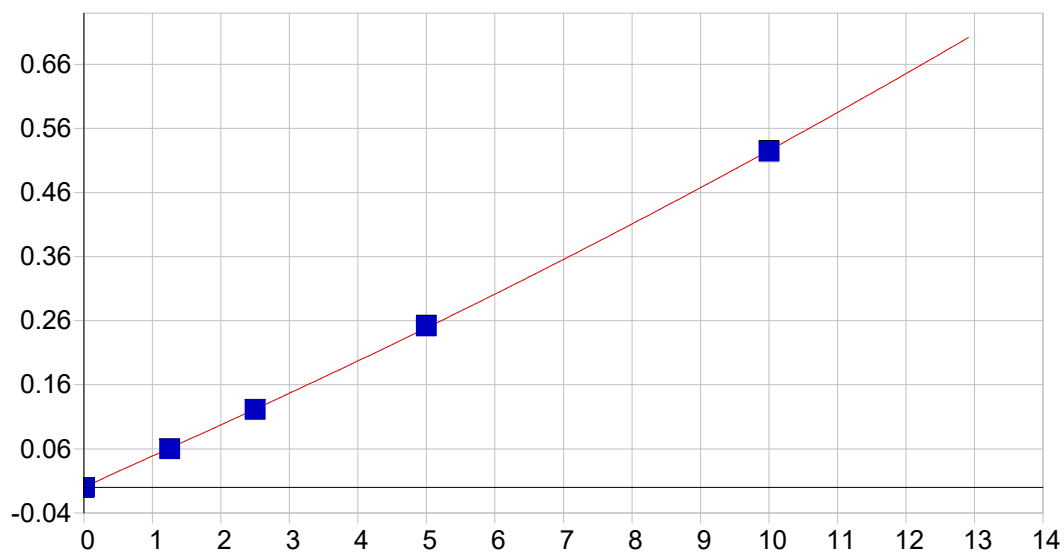




As 189.042 {479}

Date of Fit: 02/25/2019 14:57:52

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000414

Re-Slope: 1.000000

A1 (Gain): 0.048374

Y-int: 0.000000

A2 (Curvature): 0.001020

n (Exponent): 0.960000

Correlation: 0.999944

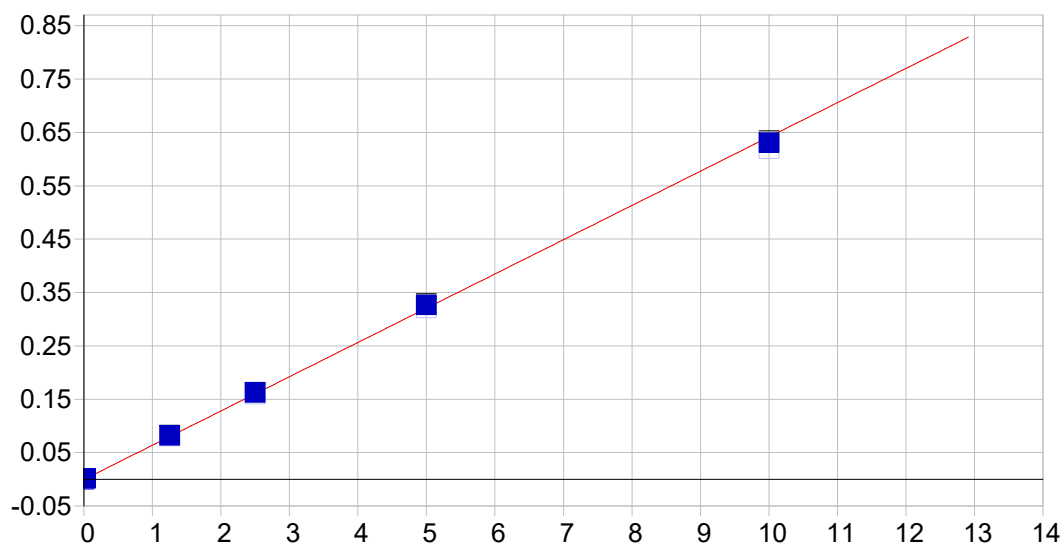
Status: Warning Positive Curvature

Std Error of Est: 0.000013

Predicted MDL: 0.003487

Predicted MQL: 0.011622

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.01000	.01276	.003	27.6	.00032	.000	1
S2	1.2500	1.2264	-.024	-1.89	.05972	.000	1
S3	2.5000	2.4843	-.016	-.628	.12089	.000	1
S4	5.0000	5.0565	.056	1.13	.25088	.002	1
S5	10.000	9.9800	-.020	-.200	.52272	.001	1

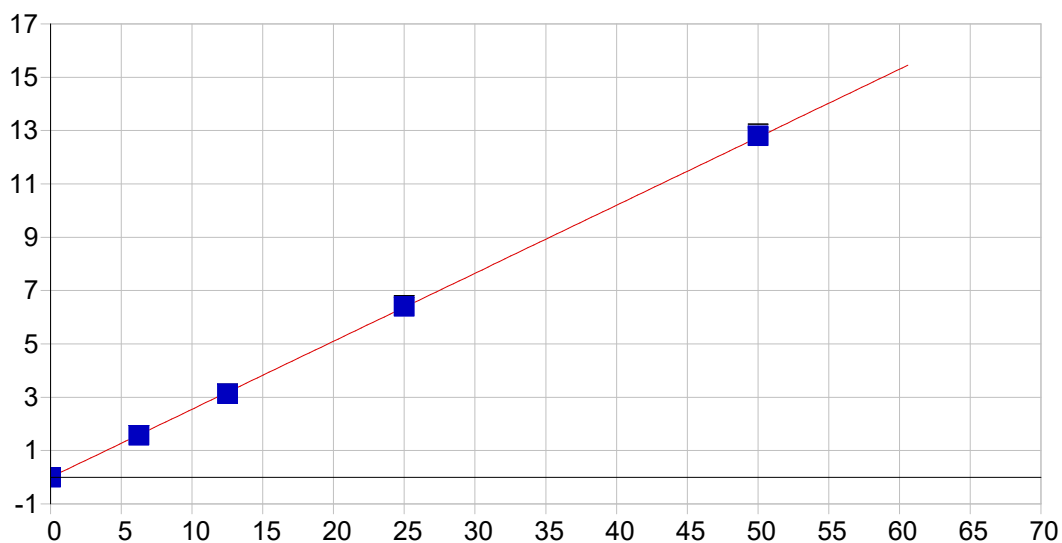


TI 190.856 {477}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000449 Re-Slope: 1.000000
 A1 (Gain): 0.064200 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.002347
 Predicted MQL: 0.007823

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.02500	.02838	.003	13.5	.00131	.000	1
S2	1.2500	1.2857	.036	2.86	.08061	.001	1
S3	2.5000	2.5352	.035	1.41	.15935	.001	1
S4	5.0000	5.0918	.092	1.84	.32052	.003	1
S5	10.000	9.8341	-.166	-1.66	.61906	.003	1

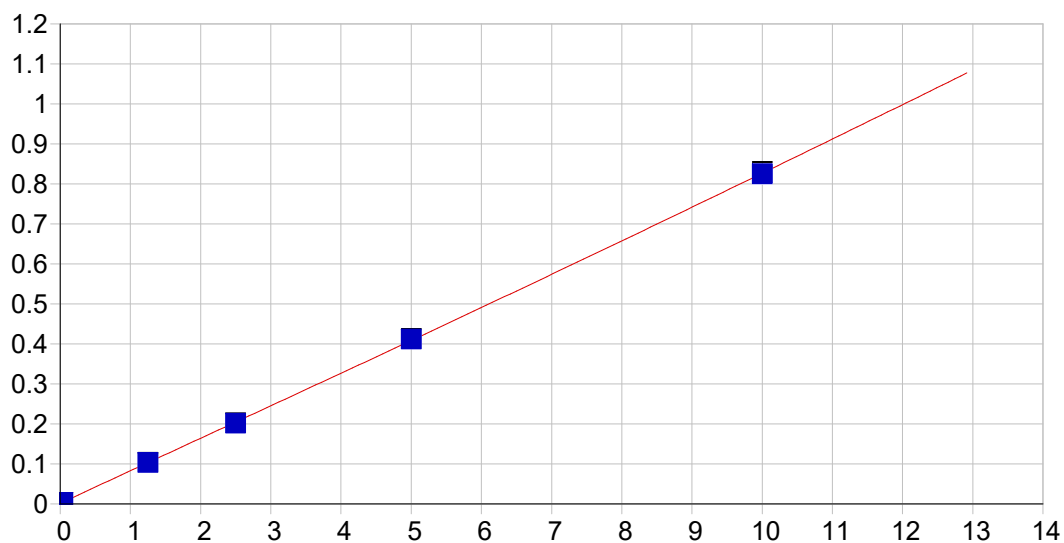


Pb 220.353 {453}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000050	Re-Slope:	1.000000
A1 (Gain):	0.254977	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000084		
Predicted MDL:	0.001552		
Predicted MQL:	0.005174		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.01000	.01074	.001	7.39	.00269	.000	1
S2	6.2500	6.1453	-.105	-1.67	1.5667	.004	1
S3	12.500	12.278	-.222	-1.77	3.1303	.012	1
S4	25.000	25.122	.122	.487	6.4048	.032	1
S5	50.000	50.204	.204	.408	12.800	.073	1

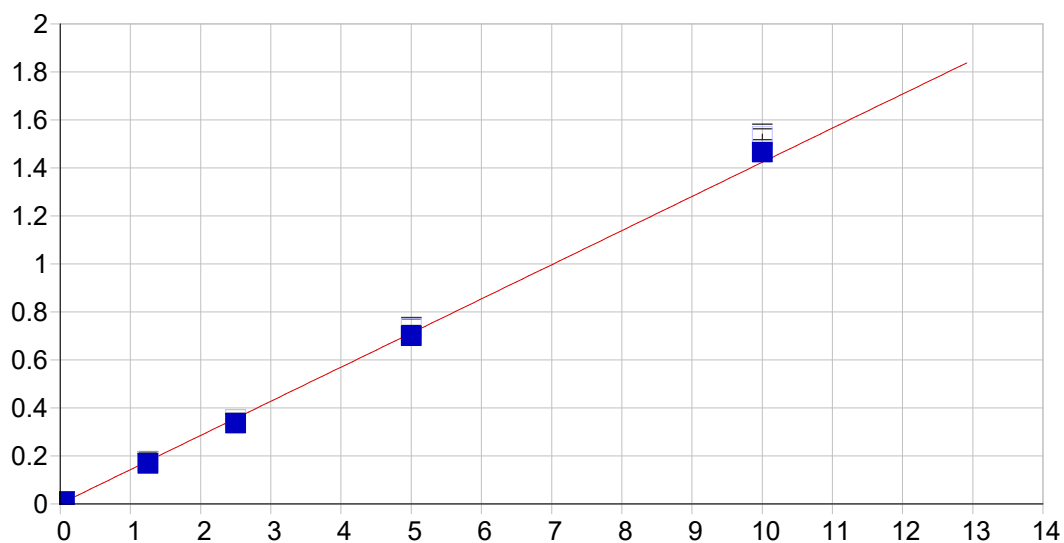


Se 196.090 {472}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000398	Re-Slope:	1.000000
A1 (Gain):	0.082032	Y-int:	0.000000
A2 (Curvature):	0.000469		
n (Exponent):	0.980000		
Correlation:	0.999971	Status:	Warning Positive Curvature
Std Error of Est:	0.000028		
Predicted MDL:	0.002753		
Predicted MQL:	0.009176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.03500	.03755	.003	7.27	.00369	.000	1
S2	1.2500	1.2501	.000	.007	.10294	.000	1
S3	2.5000	2.4662	-.034	-1.35	.20129	.001	1
S4	5.0000	5.0449	.045	.899	.41116	.001	1
S5	10.000	9.9862	-.014	-.138	.82320	.006	1

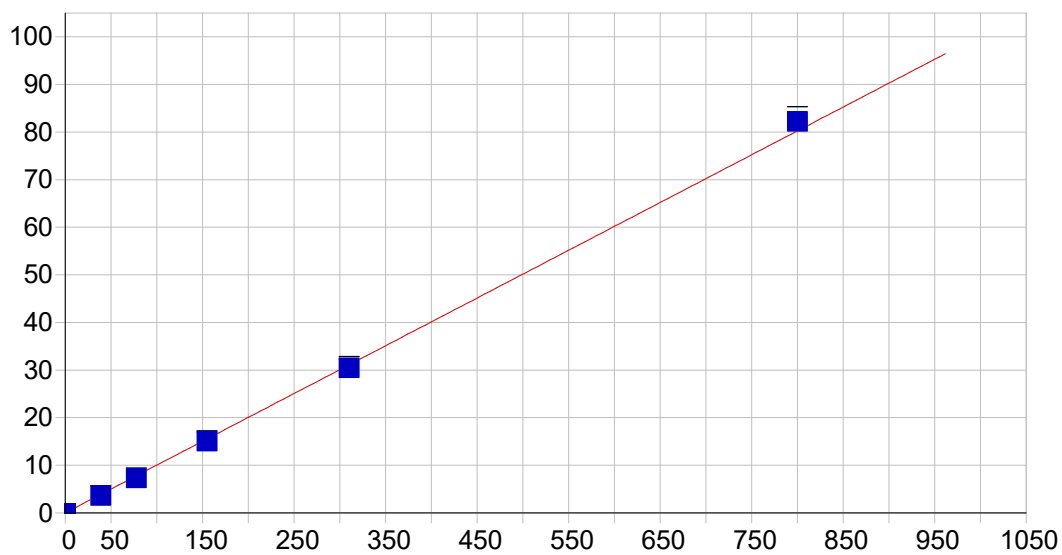


Sb 206.833 {463}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000466	Re-Slope:	1.000000
A1 (Gain):	0.142288	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999437	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.001764		
Predicted MQL:	0.005879		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.06000	.06439	.004	7.32	.00964	.000	1
S2	1.2500	1.1756	-.074	-5.95	.17593	.001	1
S3	2.5000	2.3573	-.143	-5.71	.35226	.000	1
S4	5.0000	4.9154	-.085	-1.69	.73262	.003	1
S5	10.000	10.297	.297	2.97	1.5312	.010	1

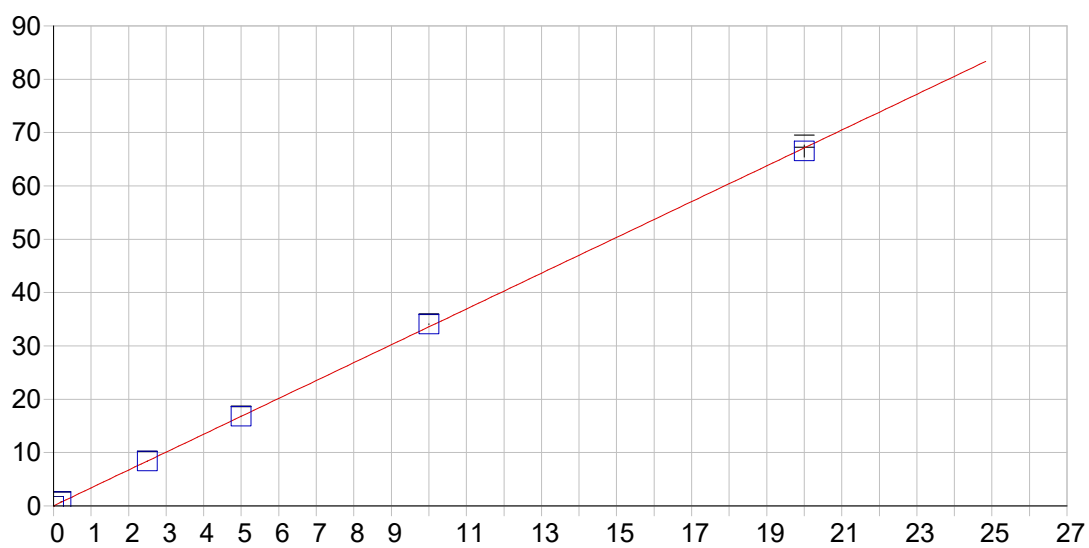


AI 396.152 { 85}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005298 Re-Slope: 1.000000
 A1 (Gain): 0.100301 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999538 Status: OK.
 Std Error of Est: 0.001898
 Predicted MDL: 0.015019
 Predicted MQL: 0.050065

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00530	.002	1
S1	.20000	.20293	.003	1.46	.02600	.001	1
S2	38.750	35.925	-2.83	-7.29	3.6164	.005	1
S3	77.500	72.750	-4.75	-6.13	7.3177	.036	1
S4	155.00	149.78	-5.22	-3.37	15.059	.157	1
S5	310.00	303.45	-6.55	-2.11	30.504	.315	1
S6	800.00	819.36	19.4	2.42	82.239	1.03	1

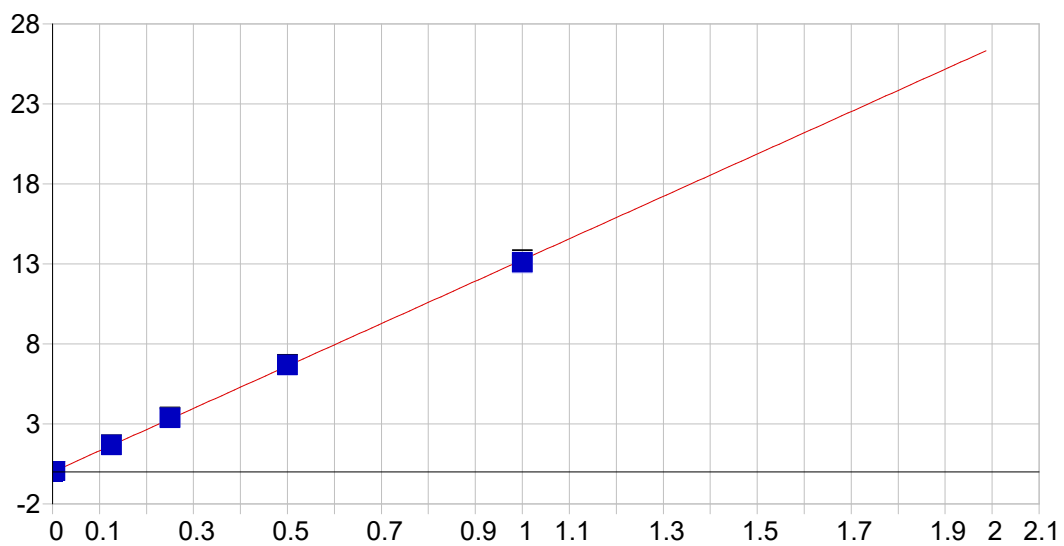


Ba 493.409 { 68}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.023161	Re-Slope:	1.000000
A1 (Gain):	3.354842	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.004903		
Predicted MDL:	0.001143		
Predicted MQL:	0.003810		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02307	.002	1
S1	.20000	.22549	.025	12.7	.77966	.001	1
S2	2.5000	2.4944	-.006	-.224	8.3915	.032	1
S3	5.0000	5.0020	.002	.040	16.804	.057	1
S4	10.000	10.153	.153	1.53	34.084	.083	1
S5	20.000	19.825	-.175	-.874	66.534	1.16	1

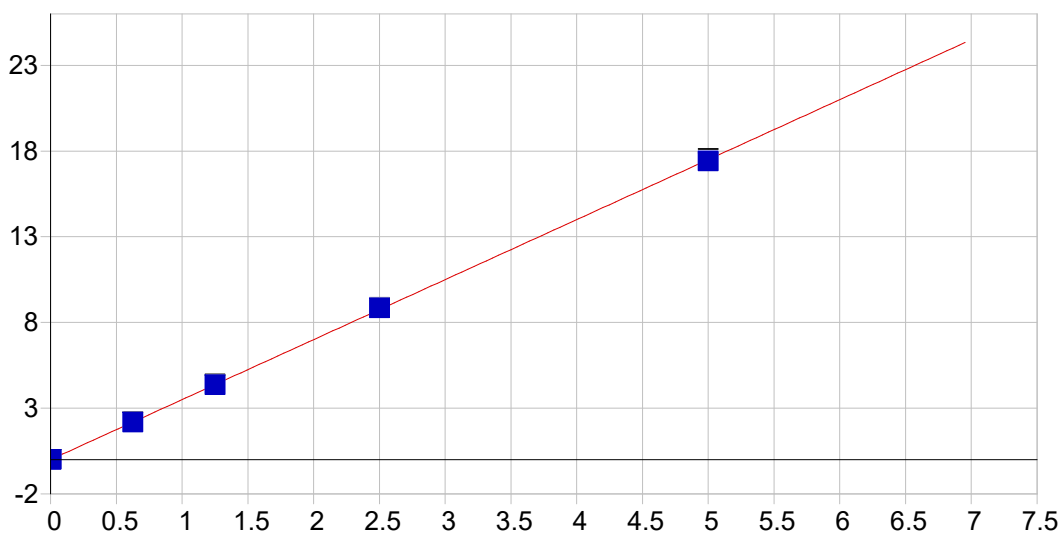


Be 234.861 {144}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004019	Re-Slope:	1.000000
A1 (Gain):	13.249775	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000682		
Predicted MDL:	0.000062		
Predicted MQL:	0.000208		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00403	.000	1
S1	.00500	.00548	.000	9.64	.06857	.001	1
S2	.12500	.12728	.002	1.82	1.6769	.006	1
S3	.25000	.25500	.005	2.00	3.3637	.047	1
S4	.50000	.50386	.004	.773	6.6501	.053	1
S5	1.0000	.98837	-.012	-1.16	13.048	.174	1

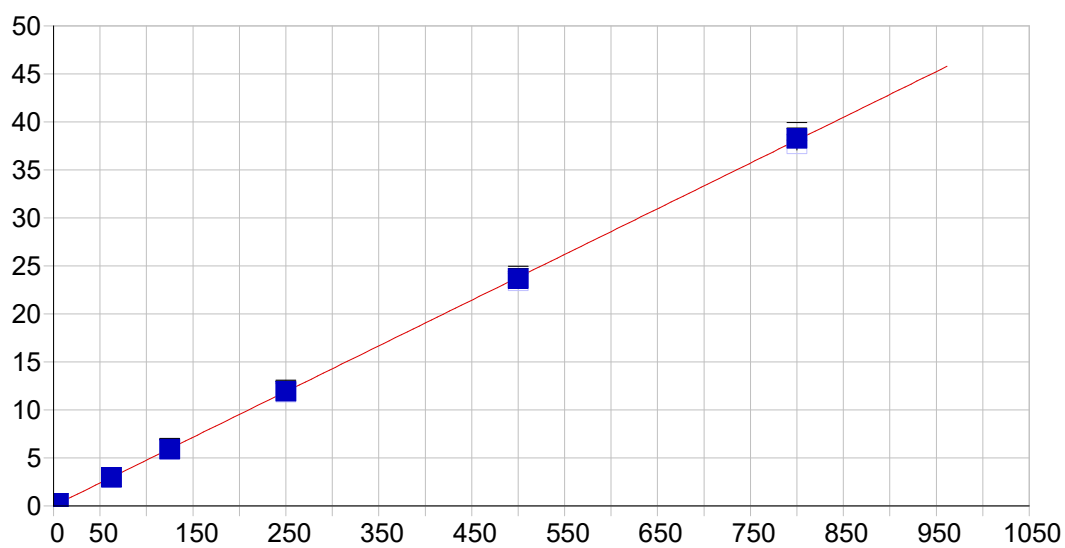


Cd 214.438 {457}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000379	Re-Slope:	1.000000
A1 (Gain):	3.500199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000217		
Predicted MDL:	0.000078		
Predicted MQL:	0.000260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.000	1
S1	.00500	.00565	.001	13.0	.01941	.000	1
S2	.62500	.62533	.000	.053	2.1918	.005	1
S3	1.2500	1.2451	-.005	-.391	4.3645	.036	1
S4	2.5000	2.5273	.027	1.09	8.8590	.021	1
S5	5.0000	4.9766	-.023	-.467	17.446	.114	1

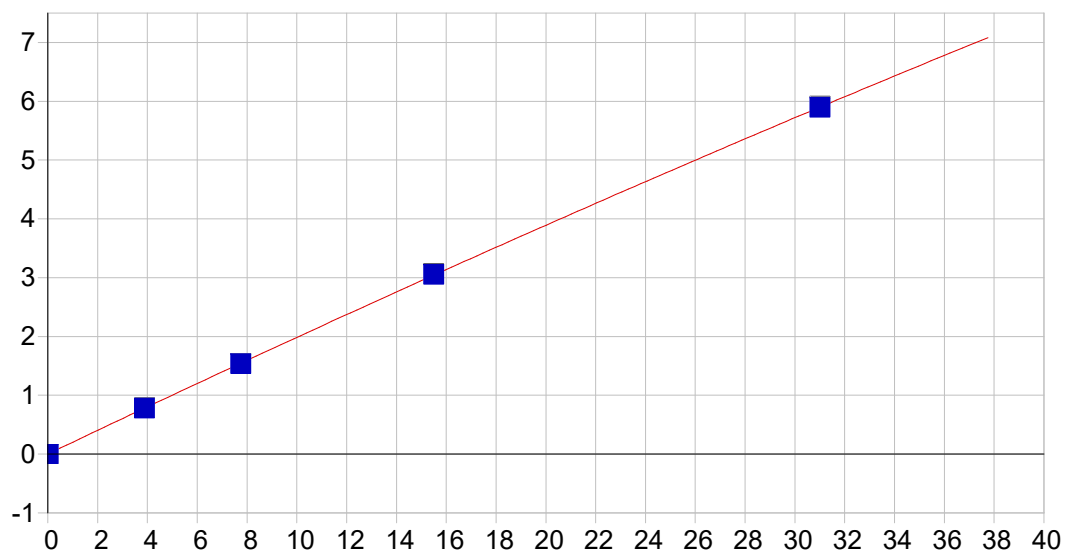


Ca 373.690 { 90}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003193 Re-Slope: 1.000000
 A1 (Gain): 0.047616 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.001357
 Predicted MDL: 0.025495
 Predicted MQL: 0.084983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	.00317	.000	1
S1	5.0000	5.5844	.584	11.7	.26903	.002	1
S2	62.500	61.973	-.527	-.844	2.9275	.020	1
S3	125.00	124.10	-.898	-.719	5.8592	.078	1
S4	250.00	250.68	.677	.271	11.833	.127	1
S5	500.00	496.79	-3.21	-.642	23.445	.264	1
S6	800.00	803.39	3.39	.424	37.689	.638	1

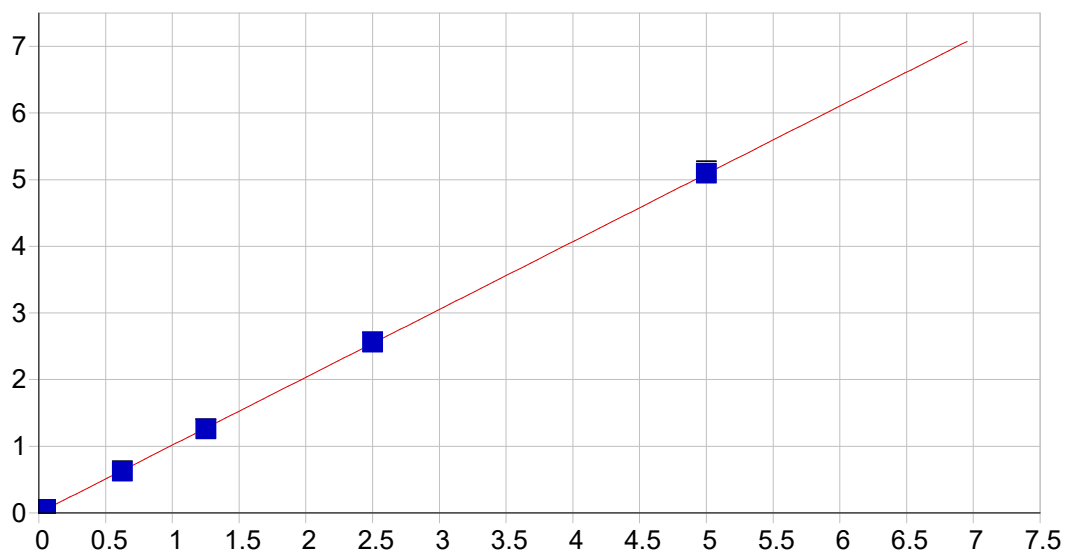


Cr 267.716 {126}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	0.202435	Y-int:	0.000000
A2 (Curvature):	-0.000392		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000632		
Predicted MQL:	0.002107		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01181	.002	18.1	.00245	.000	1
S2	3.8750	3.8889	.014	.358	.78236	.003	1
S3	7.7500	7.6965	-.054	-.691	1.5369	.004	1
S4	15.500	15.554	.054	.346	3.0578	.005	1
S5	31.000	30.984	-.016	-.051	5.9042	.012	1

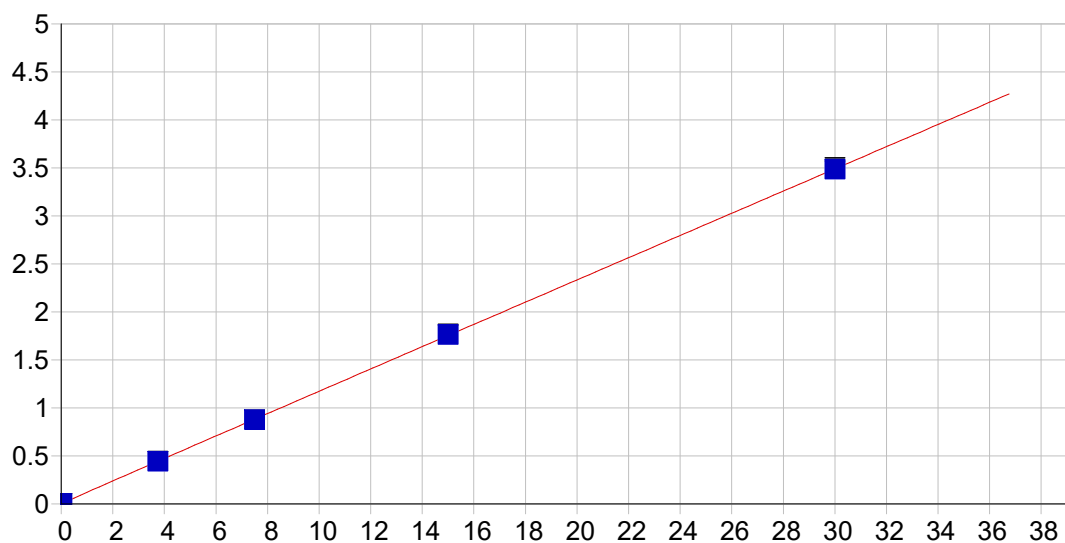


Co 228.616 {448}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000329	Re-Slope:	1.000000
A1 (Gain):	1.017383	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000227		
Predicted MDL:	0.000263		
Predicted MQL:	0.000878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.05000	.05334	.003	6.68	.05478	.000	1
S2	.62500	.61437	-.011	-1.70	.62639	.001	1
S3	1.2500	1.2355	-.014	-1.16	1.2593	.005	1
S4	2.5000	2.5145	.015	.580	2.5626	.008	1
S5	5.0000	5.0073	.007	.145	5.1027	.028	1

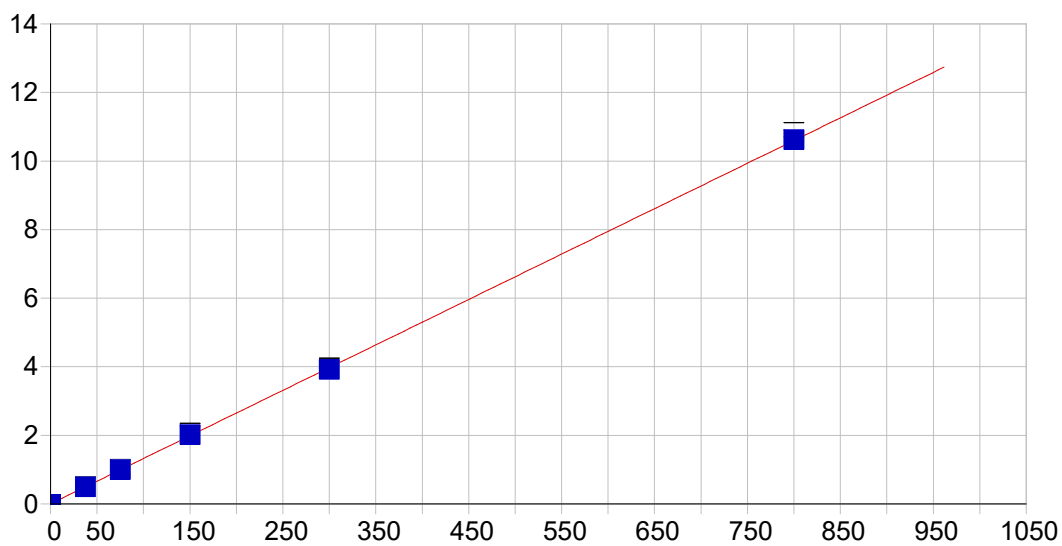


Cu 324.754 {104}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.001296	Re-Slope:	1.000000
A1 (Gain):	0.119810	Y-int:	0.000000
A2 (Curvature):	0.000017		
n (Exponent):	0.990000		
Correlation:	0.999984	Status:	Warning Positive Curvature
Std Error of Est:	0.000043		
Predicted MDL:	0.005573		
Predicted MQL:	0.018577		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00130	.000	1
S1	.02500	.02952	.005	18.1	.00496	.000	1
S2	3.7500	3.7358	-.014	-.378	.44293	.001	1
S3	7.5000	7.4520	-.048	-.640	.87662	.002	1
S4	15.000	15.088	.088	.588	1.7630	.005	1
S5	30.000	29.969	-.031	-.102	3.4838	.017	1

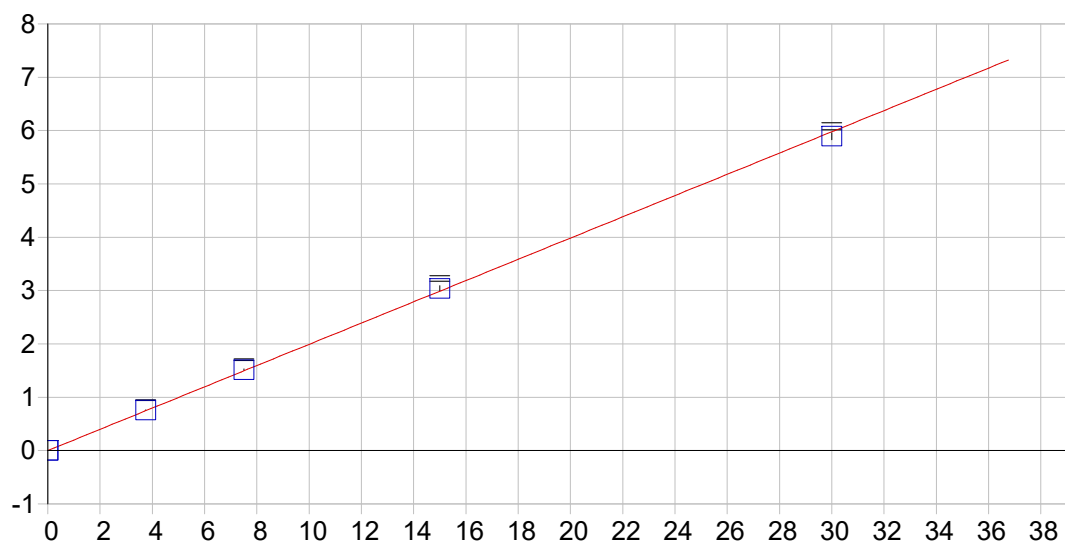


Fe 259.837 {130}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000348 Re-Slope: 1.000000
 A1 (Gain): 0.013247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.027210
 Predicted MQL: 0.090699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00035	.000	1
S1	.10000	.08726	-.013	-12.7	.00156	.000	1
S2	37.500	37.492	-.008	-.022	.49804	.002	1
S3	75.000	75.328	.328	.437	1.0003	.010	1
S4	150.00	152.48	2.48	1.66	2.0245	.038	1
S5	300.00	295.56	-4.44	-1.48	3.9239	.044	1
S6	800.00	801.65	1.65	.206	10.633	.204	1

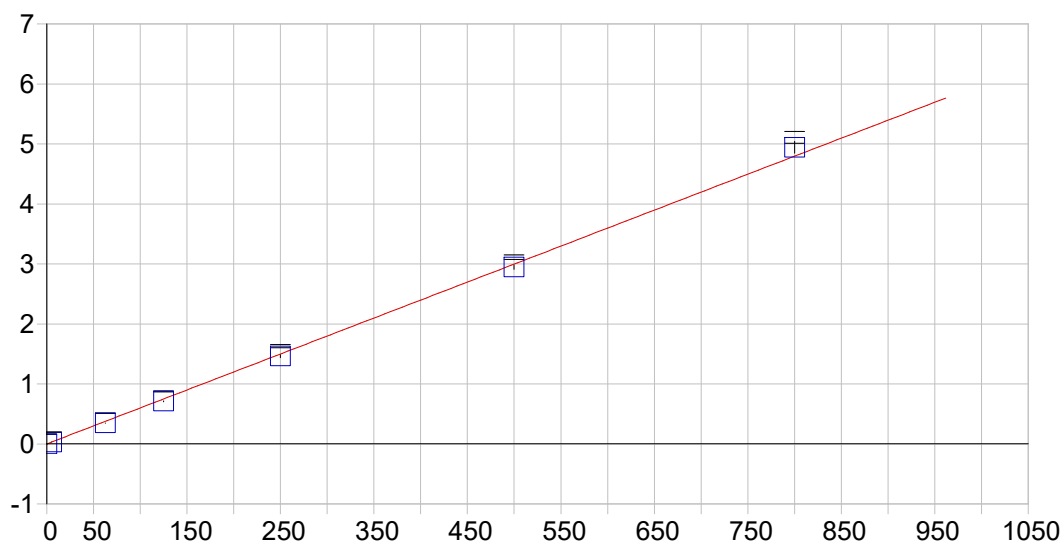


Mn 257.610 {131}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.199233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001691
 Predicted MQL: 0.005637

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01500	.01716	.002	14.4	.00332	.000	1
S2	3.7500	3.8011	.051	1.36	.75721	.005	1
S3	7.5000	7.6068	.107	1.42	1.5154	.015	1
S4	15.000	15.259	.259	1.73	3.0401	.052	1
S5	30.000	29.580	-.420	-1.40	5.8933	.065	1

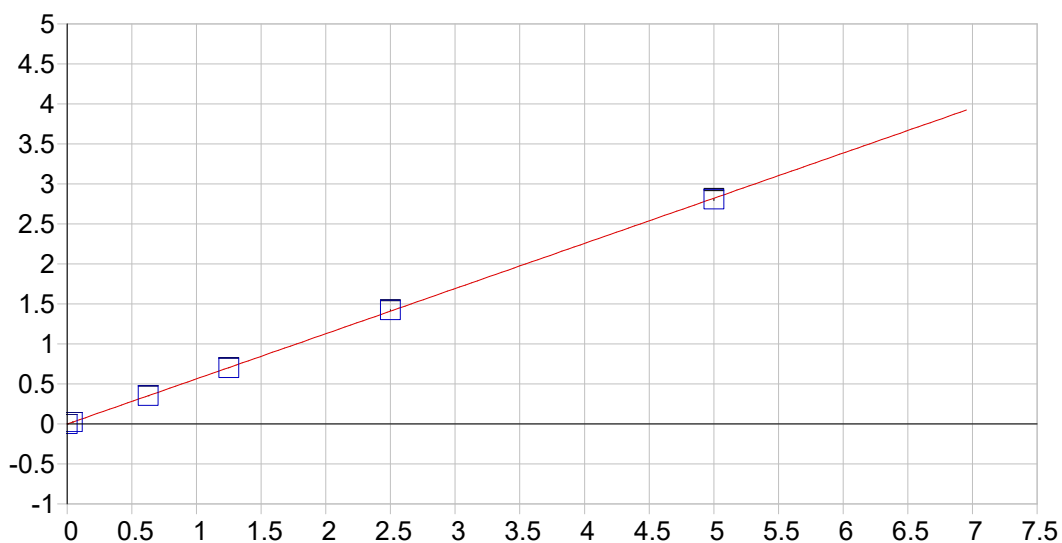


Mg 279.079 {121}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000020	Re-Slope:	1.000000
A1 (Gain):	0.005994	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999526	Status:	OK.
Std Error of Est:	0.000644		
Predicted MDL:	0.068715		
Predicted MQL:	0.229050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	-.00002	.000	1
S1	5.0000	5.2143	.214	4.29	.03123	.001	1
S2	62.500	58.153	-4.35	-6.95	.34856	.002	1
S3	125.00	118.74	-6.26	-5.01	.71169	.008	1
S4	250.00	244.51	-5.49	-2.20	1.4656	.027	1
S5	500.00	491.31	-8.69	-1.74	2.9450	.038	1
S6	800.00	824.57	24.6	3.07	4.9425	.099	1

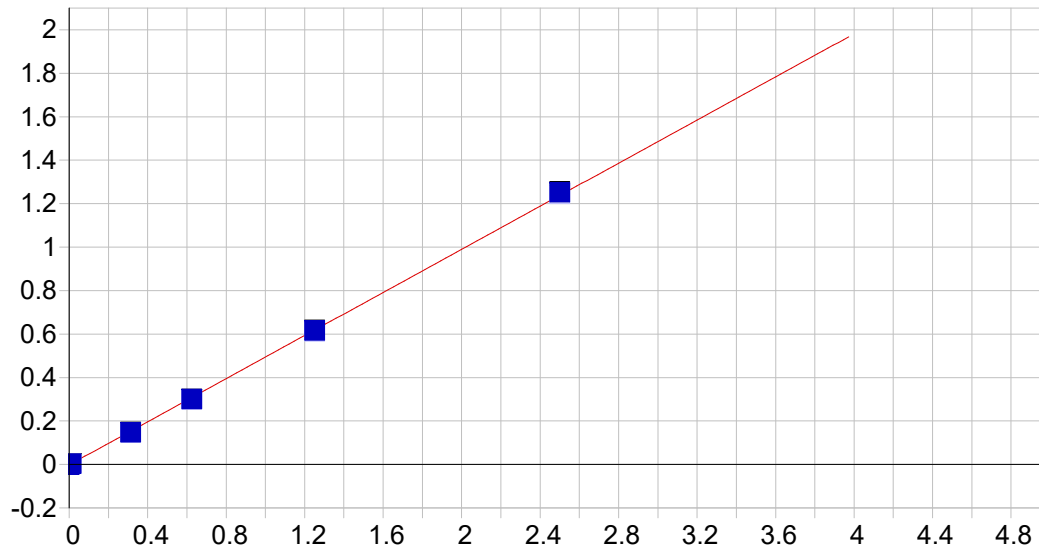


Ni 231.604 {446}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001391	Re-Slope:	1.000000
A1 (Gain):	0.564433	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999941	Status:	OK.
Std Error of Est:	0.000145		
Predicted MDL:	0.000480		
Predicted MQL:	0.001601		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00139	.000	1
S1	.04000	.04538	.005	13.5	.02422	.000	1
S2	.62500	.62508	.000	.013	.35142	.001	1
S3	1.2500	1.2446	-.005	-.428	.70113	.003	1
S4	2.5000	2.5243	.024	.971	1.4234	.006	1
S5	5.0000	4.9756	-.024	-.487	2.8070	.015	1

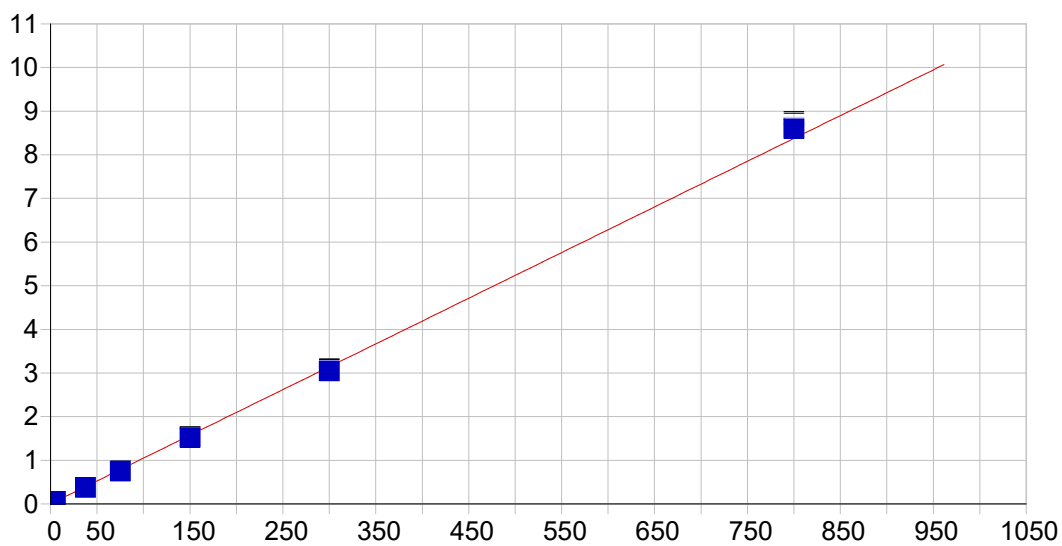


Ag 328.068 {103}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001850	Re-Slope:	1.000000
A1 (Gain):	0.495802	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.000479		
Predicted MQL:	0.001596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00185	.000	1
S1	.01000	.01140	.001	14.0	.00377	.000	1
S2	.31250	.30099	-.012	-3.68	.14637	.001	1
S3	.62500	.60964	-.015	-2.46	.29839	.001	1
S4	1.2500	1.2455	-.004	-.357	.61165	.003	1
S5	2.5000	2.5299	.030	1.20	1.2444	.004	1

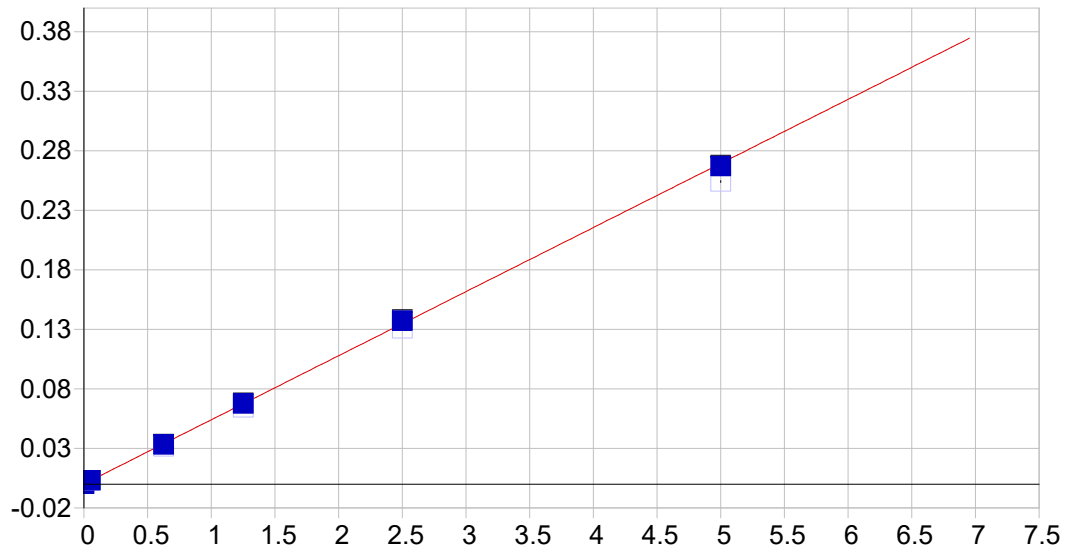


Na 818.326 { 41}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003085	Re-Slope:	1.000000
A1 (Gain):	0.010467	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999506	Status:	OK.
Std Error of Est:	0.001022		
Predicted MDL:	0.327127		
Predicted MQL:	1.090423		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00058	.001	.000	.00309	.001	1
S1	5.0000	5.1995	.199	3.99	.05751	.004	1
S2	37.500	35.088	-2.41	-6.43	.37208	.004	1
S3	75.000	71.213	-3.79	-5.05	.75193	.010	1
S4	150.00	144.79	-5.21	-3.47	1.5255	.016	1
S5	300.00	290.58	-9.42	-3.14	3.0584	.039	1
S6	800.00	820.63	20.6	2.58	8.6295	.133	1

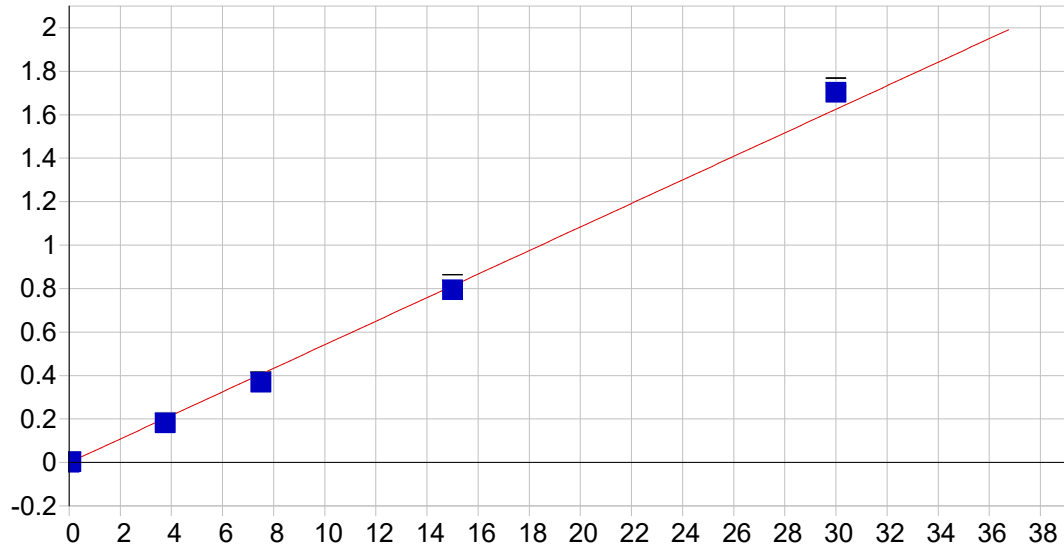


V 292.402 {115}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000177	Re-Slope:	1.000000
A1 (Gain):	0.053853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.008278		
Predicted MQL:	0.027592		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.05000	.05517	.005	10.3	.00314	.000	1
S2	.62500	.61401	-.011	-1.76	.03163	.000	1
S3	1.2500	1.2528	.003	.224	.06442	.001	1
S4	2.5000	2.5449	.045	1.80	.13077	.001	1
S5	5.0000	4.9578	-.042	-.843	.25426	.001	1

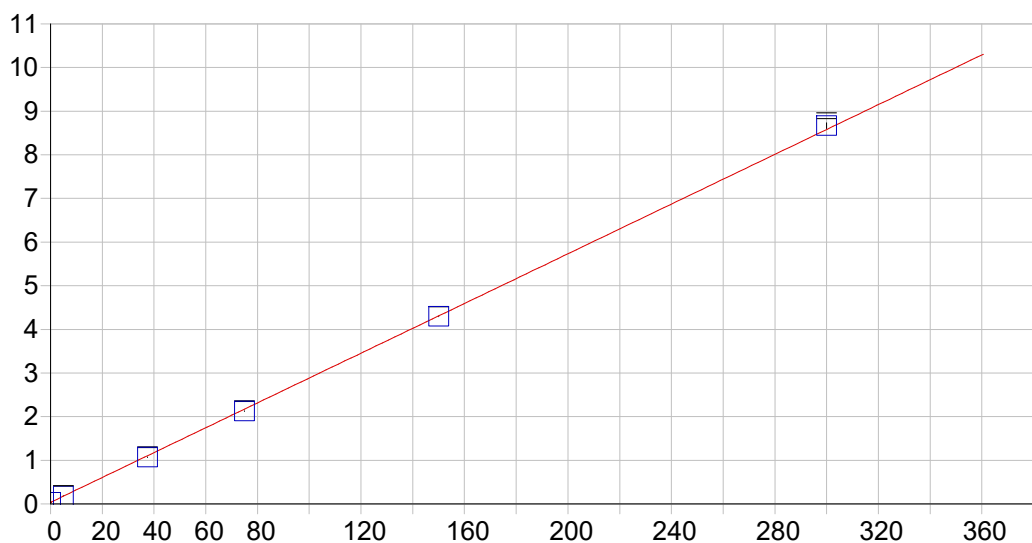


Zn 213.856 {158}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000311	Re-Slope:	1.000000
A1 (Gain):	0.054182	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998428	Status:	OK.
Std Error of Est:	0.000217		
Predicted MDL:	0.011642		
Predicted MQL:	0.038805		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00031	.001	1
S1	.06000	.05412	-.006	-9.80	.00263	.000	1
S2	3.7500	3.3640	-.386	-10.3	.18229	.002	1
S3	7.5000	6.8146	-.685	-9.14	.36958	.003	1
S4	15.000	14.657	-.343	-2.29	.79518	.023	1
S5	30.000	31.420	1.42	4.73	1.7048	.019	1

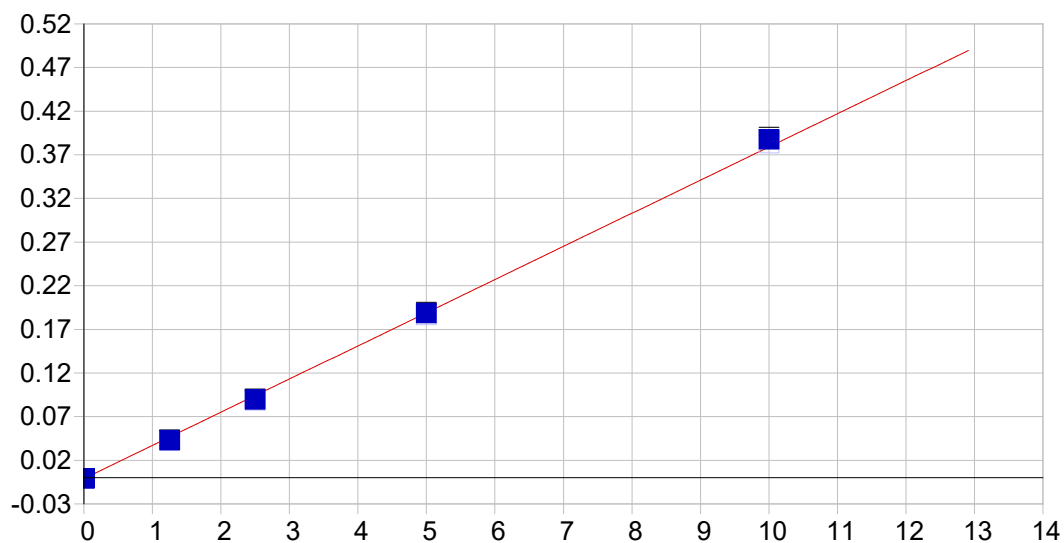


K 769.896 { 44 }

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036234 Re-Slope: 1.000000
 A1 (Gain): 0.028482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000867
 Predicted MDL: 0.093579
 Predicted MQL: 0.311929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.03623	.003	1
S1	5.0000	5.2743	.274	5.49	.18646	.002	1
S2	37.500	36.274	-1.23	-3.27	1.0694	.006	1
S3	75.000	73.383	-1.62	-2.16	2.1263	.008	1
S4	150.00	149.48	-.521	-.348	4.2937	.006	1
S5	300.00	303.09	3.09	1.03	8.6689	.064	1

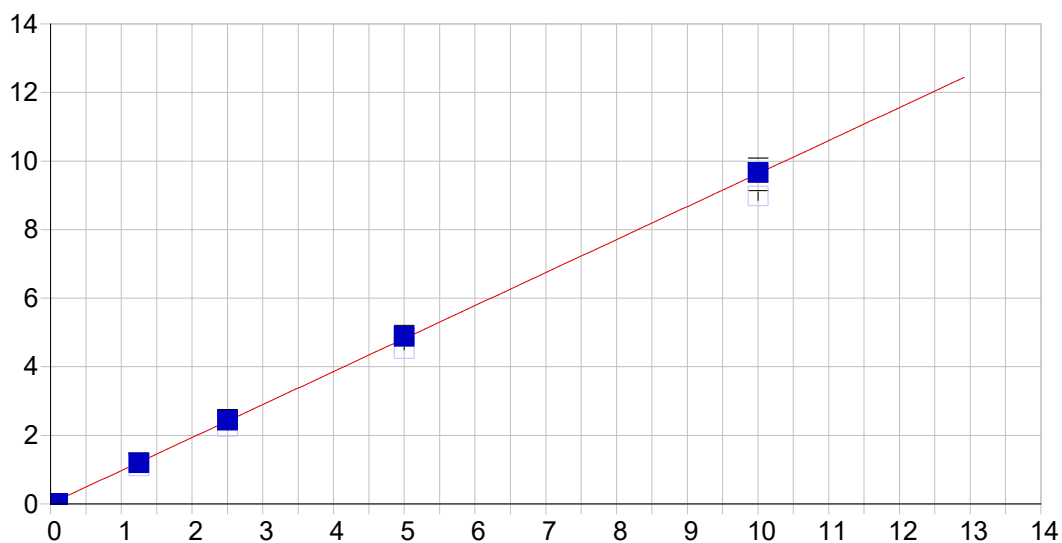


P 177.495 {490}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000910	Re-Slope:	1.000000
A1 (Gain):	0.037993	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999510	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.002978		
Predicted MQL:	0.009928		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00091	.000	1
S1	.01000	.01024	.000	2.36	-.00052	.000	1
S2	1.2500	1.1530	-.097	-7.76	.04236	.000	1
S3	2.5000	2.3838	-.116	-4.65	.08859	.001	1
S4	5.0000	4.9886	-.011	-.228	.18649	.001	1
S5	10.000	10.224	.224	2.24	.38328	.003	1

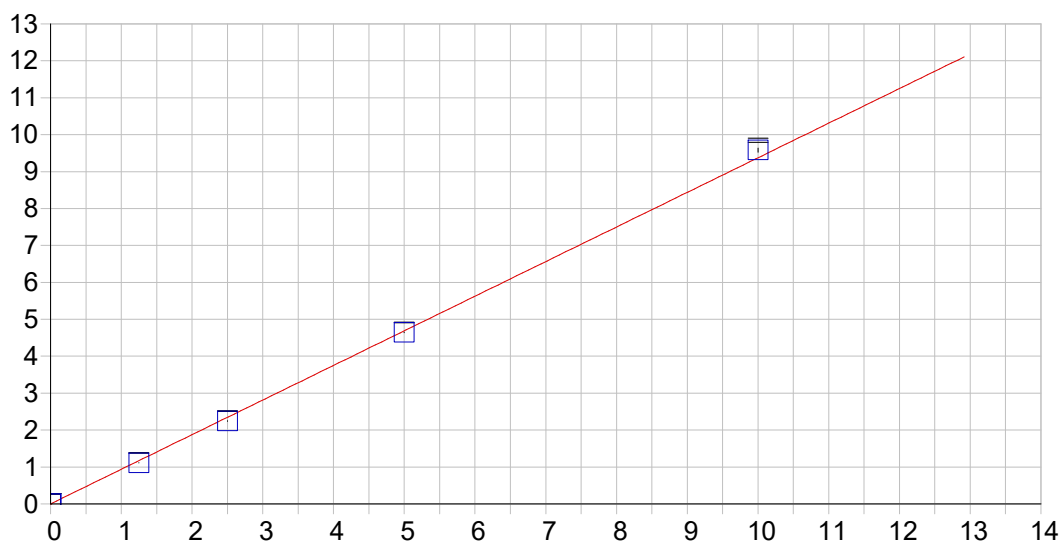


B 249.678 {135}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009532 Re-Slope: 1.000000
 A1 (Gain): 0.962443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997309 Status: OK.
 Std Error of Est: 0.003488
 Predicted MDL: 0.000989
 Predicted MQL: 0.003296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00962	.001	1
S1	.10000	.00716	-.093	-92.8	.01623	.001	1
S2	1.2500	1.2290	-.021	-1.68	1.1050	.006	1
S3	2.5000	2.5204	.020	.816	2.2606	.027	1
S4	5.0000	5.0590	.059	1.18	4.5293	.040	1
S5	10.000	10.042	.042	.415	8.9754	.125	1

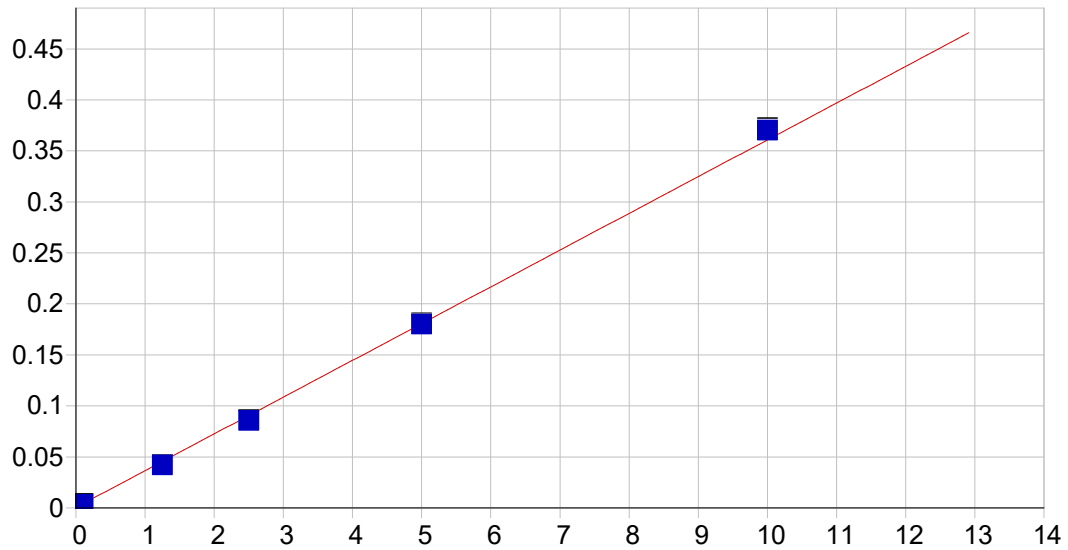


Mo 202.030 {467}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000787 Re-Slope: 1.000000
 A1 (Gain): 0.937398 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999641 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.000267
 Predicted MQL: 0.000890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.01000	.01056	.001	5.62	.01069	.000	1
S2	1.2500	1.1844	-.066	-5.25	1.1110	.004	1
S3	2.5000	2.3910	-.109	-4.36	2.2421	.009	1
S4	5.0000	4.9540	-.046	-.920	4.6446	.011	1
S5	10.000	10.220	.220	2.20	9.5810	.060	1

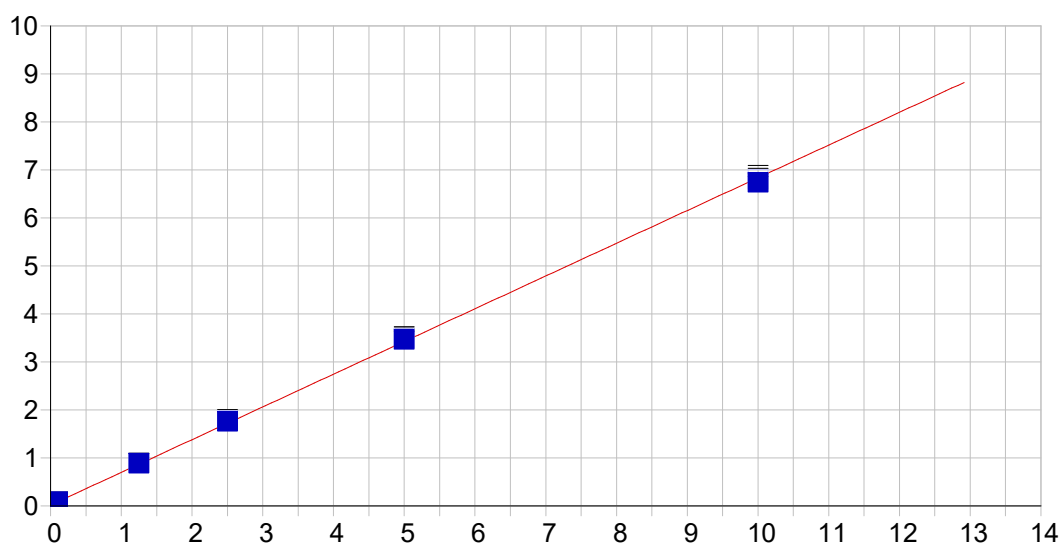


S 182.034 {485}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000531	Re-Slope:	1.000000
A1 (Gain):	0.036026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999391	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.004013		
Predicted MQL:	0.013378		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00053	.000	1
S1	.10000	.09169	-.008	-8.31	.00383	.000	1
S2	1.2500	1.1521	-.098	-7.83	.04213	.000	1
S3	2.5000	2.3603	-.140	-5.59	.08575	.001	1
S4	5.0000	4.9840	-.016	-.320	.18046	.001	1
S5	10.000	10.262	.262	2.62	.37099	.002	1

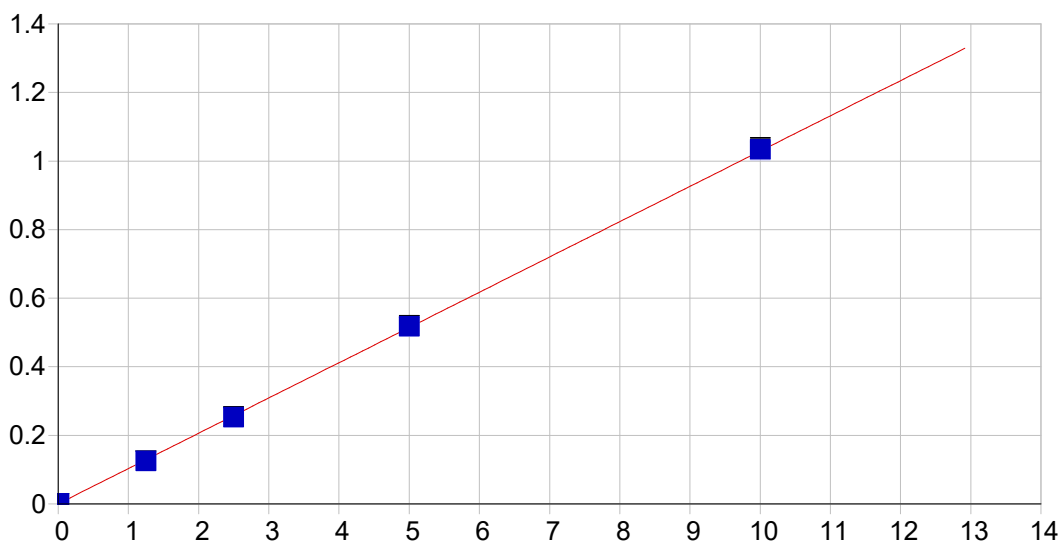


Si 251.611 {134}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.016737	Re-Slope:	1.000000
A1 (Gain):	0.681885	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000569		
Predicted MDL:	0.001269		
Predicted MQL:	0.004231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01673	.000	1
S1	.10000	.10484	.005	4.84	.08847	.000	1
S2	1.2500	1.2718	.022	1.74	.89149	.003	1
S3	2.5000	2.5589	.059	2.36	1.7767	.021	1
S4	5.0000	5.0562	.056	1.12	3.4946	.035	1
S5	10.000	9.8583	-.142	-1.42	6.7993	.088	1

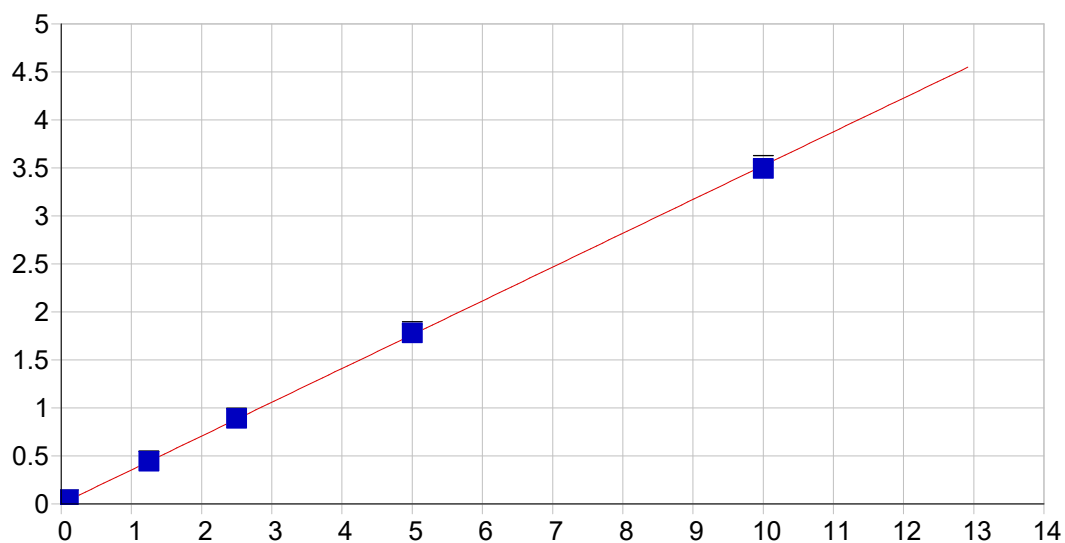


Sn 189.989 {478}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000293	Re-Slope:	1.000000
A1 (Gain):	0.102864	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.001238		
Predicted MQL:	0.004128		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00700	.00692	-.000	-1.17	.00098	.000	1
S2	1.2500	1.2173	-.033	-2.62	.12524	.001	1
S3	2.5000	2.4539	-.046	-1.85	.25217	.002	1
S4	5.0000	5.0321	.032	.643	.51685	.003	1
S5	10.000	10.047	.047	.468	1.0316	.006	1

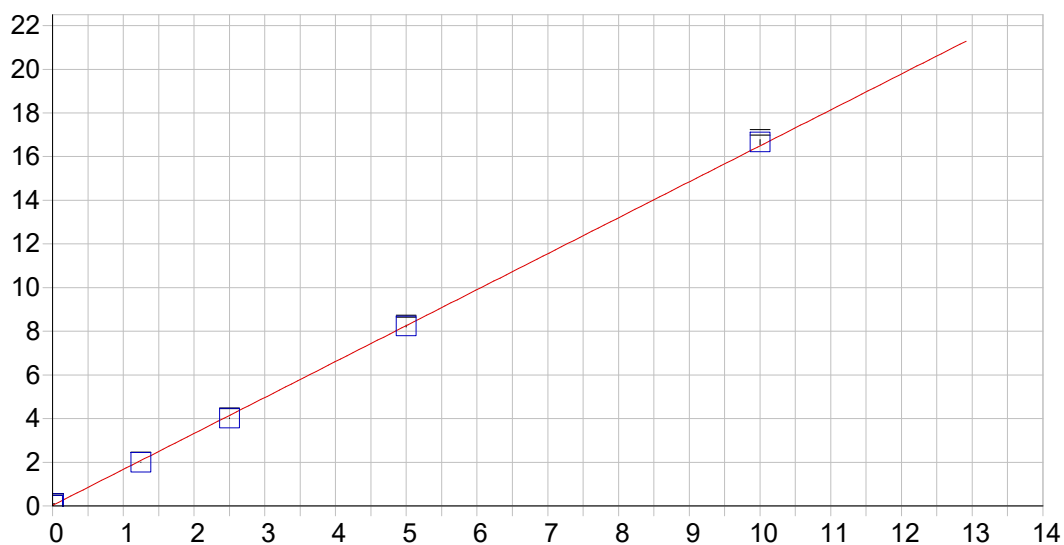


Ti 336.121 {100}

Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002022	Re-Slope:	1.000000
A1 (Gain):	0.352103	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999915	Status:	OK.
Std Error of Est:	0.000244		
Predicted MDL:	0.002429		
Predicted MQL:	0.008098		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00202	.000	1
S1	.10000	.11335	.013	13.4	.04192	.001	1
S2	1.2500	1.2559	.006	.473	.44408	.001	1
S3	2.5000	2.5191	.019	.765	.88871	.005	1
S4	5.0000	5.0491	.049	.983	1.7792	.014	1
S5	10.000	9.9125	-.088	-.875	3.4910	.033	1

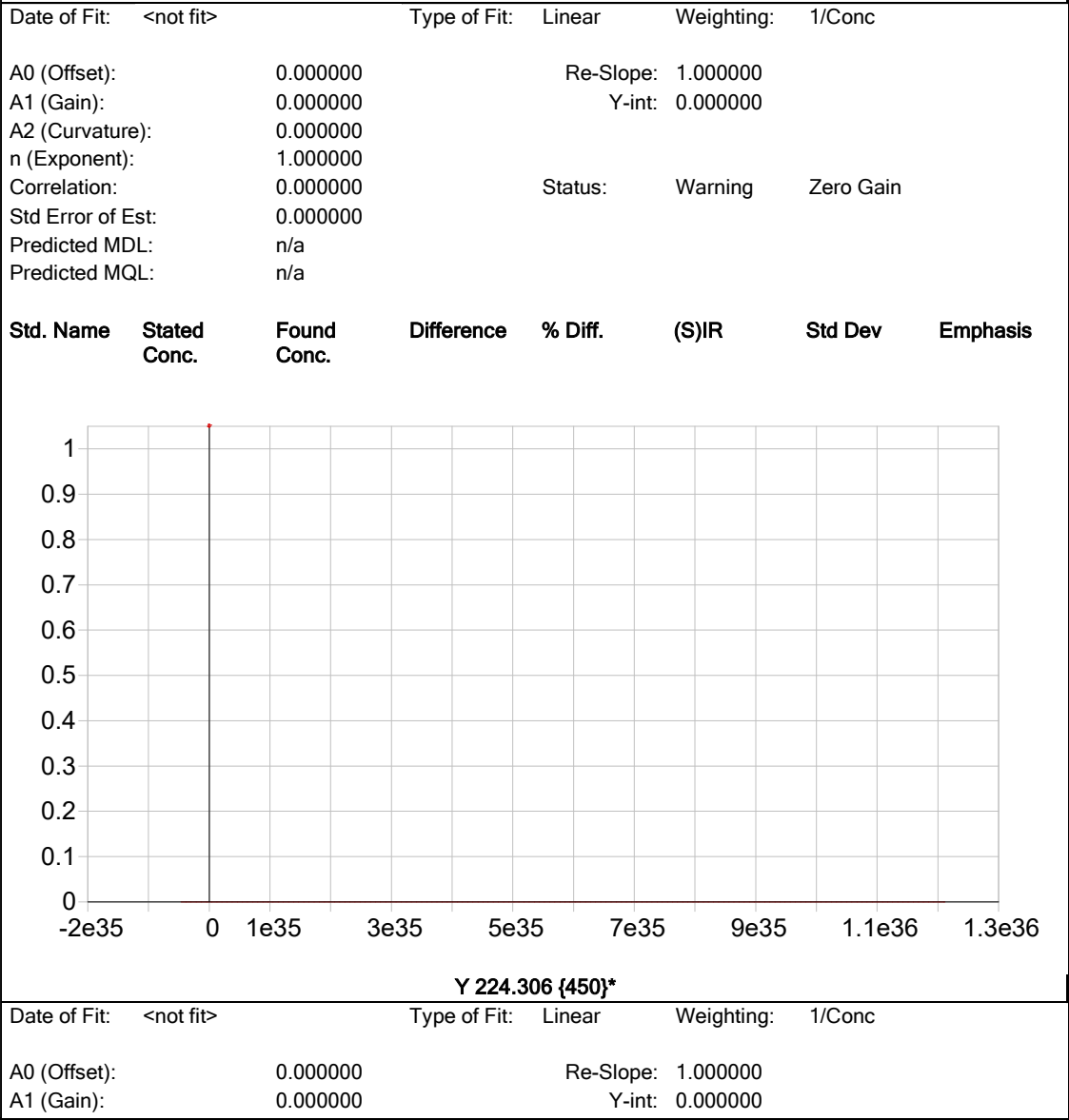
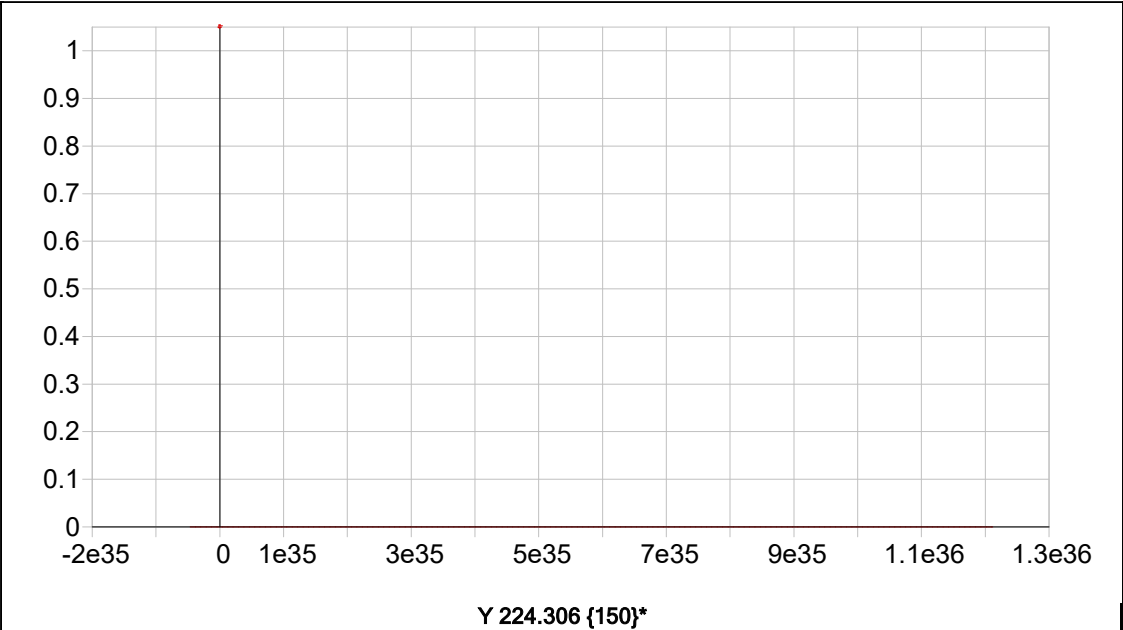


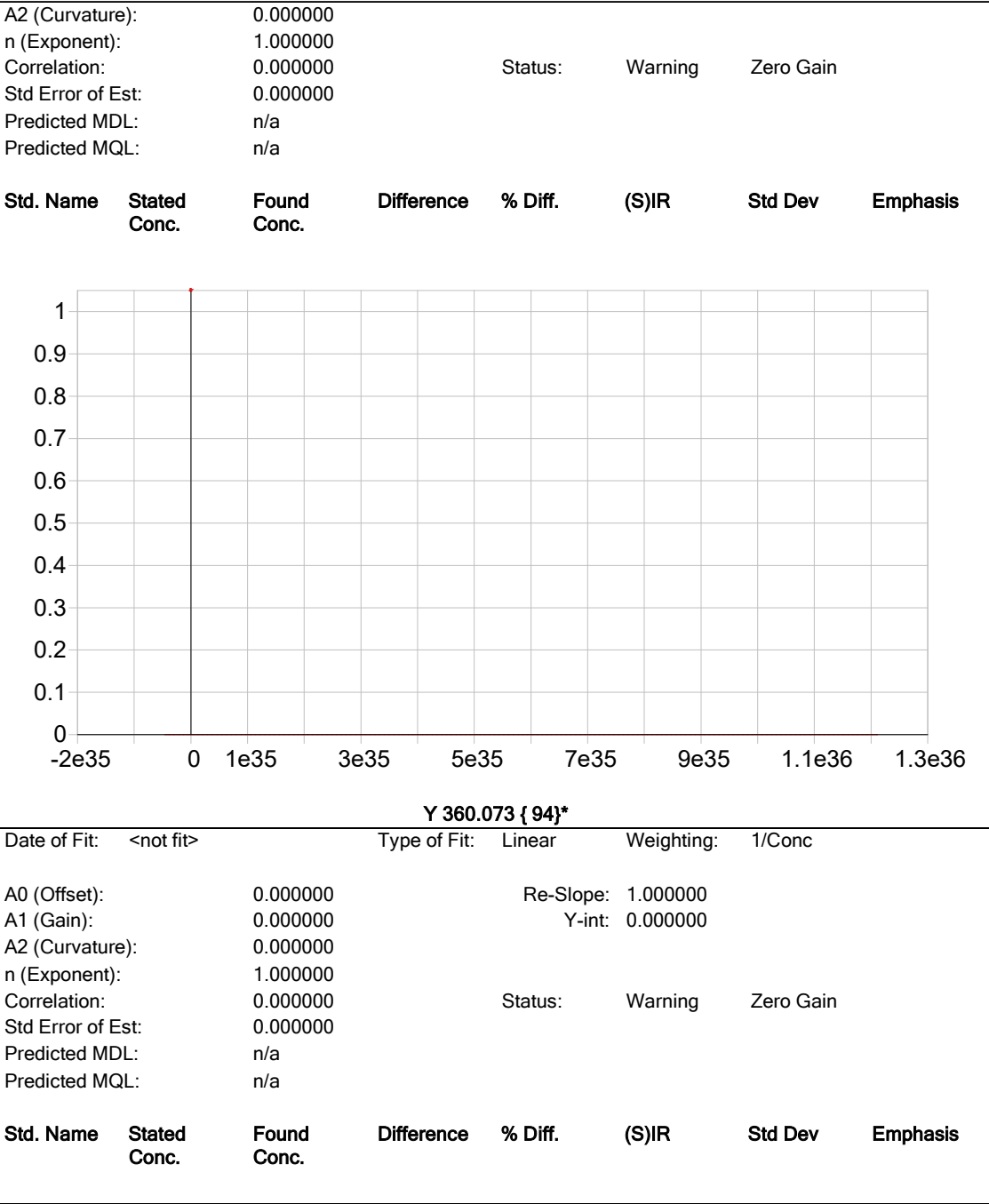
Li 670.784 { 50}

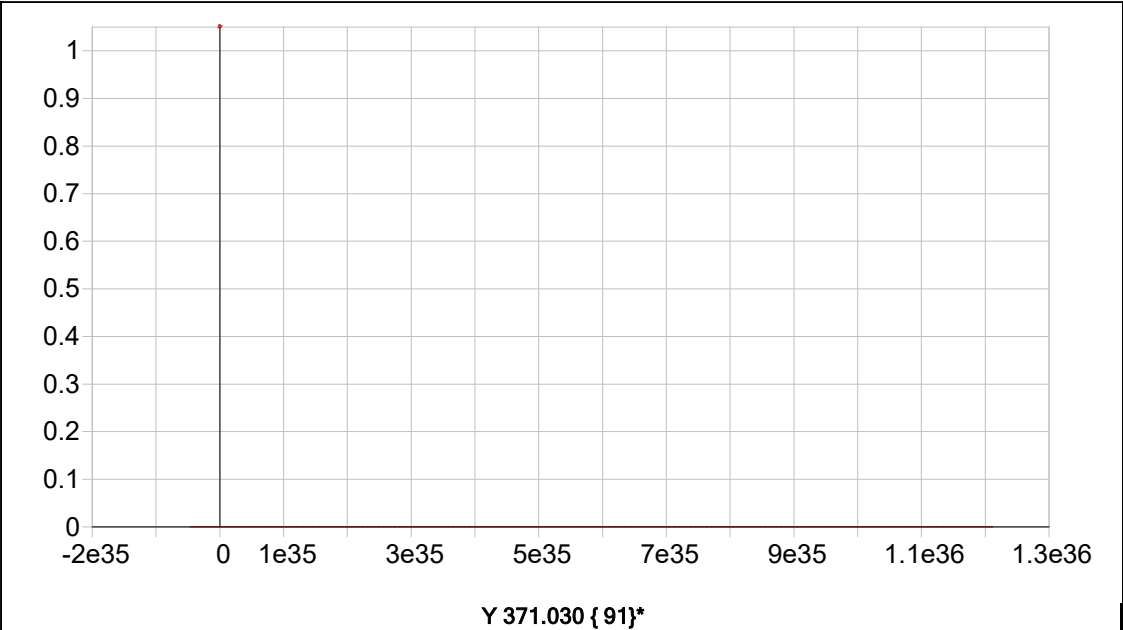
Date of Fit: 02/25/2019 14:57:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024747 Re-Slope: 1.000000
 A1 (Gain): 1.646744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997731 Status: OK.
 Std Error of Est: 0.002282
 Predicted MDL: 0.002062
 Predicted MQL: 0.006873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02469	.002	1
S5	10.000	10.104	.104	1.04	16.664	.125	1
S4	5.0000	4.9880	-.012	-.241	8.2387	.044	1
S3	2.5000	2.4249	-.075	-3.00	4.0180	.015	1
S2	1.2500	1.1983	-.052	-4.14	1.9980	.007	1
S1	.01500	.04961	.035	231.	.10644	.002	1



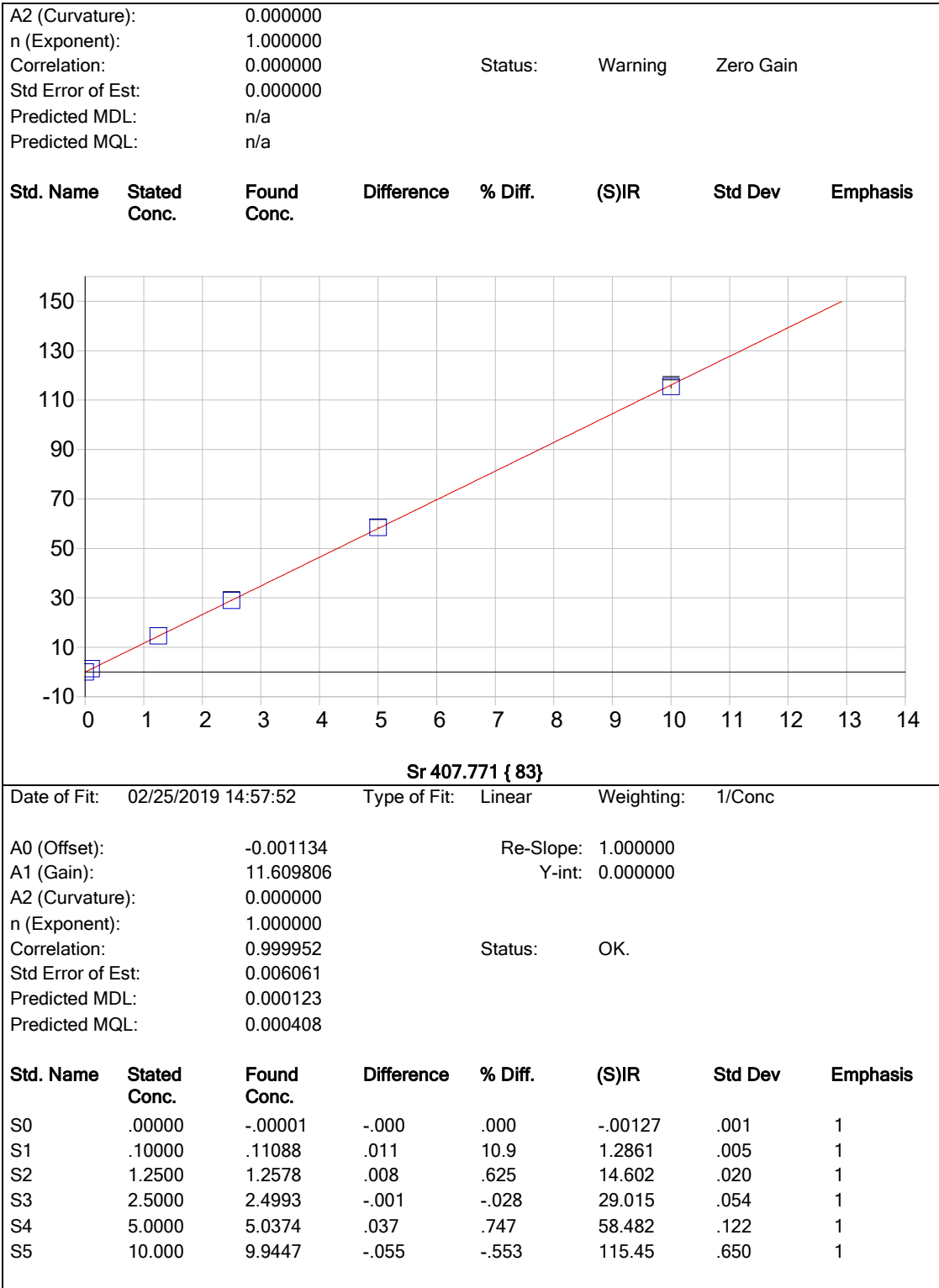




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		



Sample Name: S0 Acquired: 02/25/2019 11:04:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	-.00041	-.00045	-.00005	.00040	.00047	.00530	.02307	-.00403
Stddev	.00018	.00011	.00038	.00006	.00025	.00163	.00180	.00021
%RSD	43.412	25.459	742.14	16.319	54.204	30.810	7.7930	5.1714

#1	-.00036	-.00038	.00034	.00046	.00021	.00655	.02441	-.00423
#2	-.00061	-.00038	-.00040	.00039	.00072	.00345	.02379	-.00381
#3	-.00027	-.00058	-.00009	.00033	.00047	.00591	.02103	-.00404

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	-.00038	.00317	.00006	.00033	.00130	.00035	-.00010	-.00002
Stddev	.00012	.00038	.00014	.00010	.00028	.00016	.00023	.00010
%RSD	30.741	11.857	244.62	32.056	21.288	47.103	240.79	607.45

#1	-.00051	.00288	.00005	.00044	.00113	.00044	-.00030	.00007
#2	-.00027	.00359	-.00008	.00024	.00161	.00016	-.00014	.00002
#3	-.00036	.00303	.00020	.00030	.00114	.00045	.00016	-.00013

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	-.00139	-.00185	.00309	.00018	-.00031	.03623	-.00091	.00962
Stddev	.00005	.00028	.00107	.00036	.00074	.00290	.00002	.00092
%RSD	3.7462	15.346	34.609	204.31	237.41	8.0055	2.4434	9.5359

#1	-.00140	-.00162	.00376	.00005	-.00055	.03305	-.00089	.00878
#2	-.00144	-.00177	.00186	-.00011	-.00090	.03692	-.00093	.01060
#3	-.00134	-.00217	.00366	.00058	.00052	.03873	-.00092	.00949

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	.00079	.00053	.01673	.00029	.00202	.02469	-.00127	
Stddev	.00006	.00017	.00048	.00005	.00031	.00161	.00059	
%RSD	7.3891	32.848	2.8828	16.957	15.274	6.5210	46.718	

#1	.00072	.00037	.01627	.00035	.00198	.02292	-.00193	
#2	.00081	.00051	.01723	.00027	.00234	.02606	-.00078	
#3	.00083	.00072	.01669	.00026	.00173	.02510	-.00110	

Sample Name: S0 Acquired: 02/25/2019 11:04:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1293.7	2522.7	27490.	3334.5	3080.8
Stddev	3.3	12.3	187.	17.4	2.1
%RSD	.25351	.48839	.67950	.52260	.06834
#1	1292.3	2526.7	27275.	3334.3	3082.8
#2	1291.5	2532.6	27582.	3317.1	3080.9
#3	1297.5	2508.9	27612.	3352.0	3078.6

Sample Name: S1 Acquired: 02/25/2019 11:08:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.00032	.00131	.00269	.00369	.00964	.02600	.77966	.06857
Stddev	.00021	.00011	.00013	.00006	.00018	.00080	.00103	.00122
%RSD	64.349	8.2180	4.7997	1.6767	1.8729	3.0839	.13212	1.7757

#1	.00026	.00138	.00268	.00362	.00984	.02691	.78062	.06720
#2	.00015	.00135	.00282	.00371	.00953	.02541	.77979	.06953
#3	.00055	.00118	.00256	.00374	.00954	.02568	.77857	.06898

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	.01941	.26903	.00245	.05478	.00496	.00156	.00332	.03123
Stddev	.00017	.00232	.00008	.00021	.00017	.00028	.00013	.00097
%RSD	.89895	.86282	3.0819	.38437	3.3545	18.118	3.8062	3.1193

#1	.01952	.27060	.00237	.05453	.00508	.00128	.00342	.03043
#2	.01921	.26636	.00252	.05490	.00501	.00154	.00318	.03096
#3	.01951	.27012	.00246	.05490	.00477	.00185	.00337	.03232

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	.02422	.00377	.05751	.00314	.00263	.18646	-.00052	.01623
Stddev	.00008	.00024	.00364	.00034	.00020	.00165	.00004	.00095
%RSD	.33927	6.3323	6.3317	10.673	7.4621	.88644	6.8351	5.8561

#1	.02414	.00363	.05370	.00288	.00276	.18522	-.00055	.01707
#2	.02424	.00362	.06095	.00303	.00272	.18833	-.00053	.01642
#3	.02430	.00404	.05788	.00352	.00241	.18583	-.00048	.01520

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	.01069	.00383	.08847	.00098	.04192	.10644	1.2861	
Stddev	.00029	.00021	.00019	.00007	.00109	.00190	.0050	
%RSD	2.7102	5.4232	.21400	6.9837	2.5943	1.7864	.38454	

#1	.01083	.00407	.08867	.00102	.04316	.10631	1.2805	
#2	.01035	.00372	.08830	.00090	.04150	.10841	1.2880	
#3	.01088	.00370	.08842	.00102	.04111	.10461	1.2899	

Sample Name: S1 Acquired: 02/25/2019 11:08:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1279.6	2475.7	27400.	3308.2	3070.2
Stddev	7.0	12.8	64.	21.8	7.7
%RSD	.54514	.51870	.23537	.65939	.24933
#1	1280.4	2473.8	27445.	3324.9	3066.4
#2	1286.1	2489.4	27326.	3283.6	3079.0
#3	1272.2	2464.0	27428.	3316.3	3065.2

Sample Name: S2 Acquired: 02/25/2019 11:12:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.05972	.08061	1.5667	.10294	.17593	3.6164	8.3915	1.6769
Stddev	.00040	.00064	.0040	.00046	.00099	.0052	.0321	.0055
%RSD	.67290	.79452	.25827	.45063	.56015	.14467	.38318	.33039

#1	.05929	.07988	1.5660	.10282	.17493	3.6222	8.4013	1.6829
#2	.05979	.08087	1.5631	.10255	.17596	3.6147	8.4176	1.6721
#3	.06009	.08109	1.5711	.10346	.17690	3.6122	8.3556	1.6756

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	2.1918	2.9275	.78236	.62639	.44293	.49804	.75721	.34856
Stddev	.0045	.0202	.00303	.00143	.00100	.00215	.00518	.00224
%RSD	.20619	.69155	.38773	.22754	.22561	.43071	.68401	.64124

#1	2.1915	2.9487	.78426	.62513	.44337	.50014	.76316	.35104
#2	2.1874	2.9083	.77886	.62612	.44363	.49585	.75368	.34671
#3	2.1964	2.9253	.78396	.62794	.44178	.49812	.75481	.34792

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	.35142	.14637	.37208	.03163	.18229	1.0694	.04236	1.1050
Stddev	.00106	.00101	.00419	.00031	.00216	.0058	.00027	.0061
%RSD	.30045	.68924	1.1261	.99408	1.1829	.54476	.62833	.55485

#1	.35121	.14614	.37034	.03141	.18080	1.0726	.04211	1.1094
#2	.35049	.14748	.36904	.03149	.18131	1.0729	.04234	1.0980
#3	.35257	.14550	.37686	.03199	.18476	1.0627	.04264	1.1077

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	1.1110	.04213	.89149	.12524	.44408	1.9980	14.602
Stddev	.0037	.00013	.00294	.00054	.00128	.0073	.020
%RSD	.32850	.29774	.33015	.42844	.28909	.36557	.13831

#1	1.1096	.04200	.89264	.12465	.44317	2.0062	14.600
#2	1.1084	.04226	.88814	.12537	.44352	1.9958	14.623
#3	1.1152	.04213	.89368	.12570	.44555	1.9921	14.582

Sample Name: S2 Acquired: 02/25/2019 11:12:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1222.2	2337.7	26755.	3297.1	2864.5
Stddev	9.5	7.3	158.	16.0	4.7
%RSD	.77690	.31229	.58919	.48396	.16290
#1	1226.9	2337.3	26804.	3301.3	2861.5
#2	1211.3	2345.3	26578.	3279.4	2869.9
#3	1228.4	2330.7	26882.	3310.5	2862.1

Sample Name: S3 Acquired: 02/25/2019 11:16:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.12089	.15935	3.1303	.20129	.35226	7.3177	16.804	3.3637
Stddev	.00042	.00059	.0119	.00079	.00039	.0361	.057	.0466
%RSD	.35051	.36869	.38156	.39009	.11169	.49288	.33945	1.3858

#1	.12053	.15884	3.1188	.20067	.35222	7.3060	16.792	3.3828
#2	.12078	.15921	3.1294	.20103	.35190	7.2890	16.866	3.3106
#3	.12136	.15999	3.1426	.20217	.35268	7.3582	16.754	3.3978

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	4.3645	5.8592	1.5369	1.2593	.87662	1.0003	1.5154	.71169
Stddev	.0360	.0776	.0039	.0052	.00224	.0097	.0154	.00818
%RSD	.82560	1.3243	.25554	.41619	.25544	.97191	1.0127	1.1501

#1	4.3243	5.8294	1.5324	1.2539	.87426	.99598	1.5114	.71124
#2	4.3754	5.8009	1.5383	1.2598	.87688	.99347	1.5025	.70374
#3	4.3938	5.9472	1.5399	1.2643	.87872	1.0114	1.5324	.72009

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	.70113	.29839	.75193	.06442	.36958	2.1263	.08859	2.2606
Stddev	.00264	.00086	.00956	.00068	.00323	.0085	.00064	.0267
%RSD	.37682	.28885	1.2707	1.0486	.87283	.39962	.72195	1.1803

#1	.69848	.29865	.74664	.06459	.36725	2.1228	.08806	2.2671
#2	.70113	.29909	.74620	.06367	.37326	2.1202	.08842	2.2313
#3	.70377	.29743	.76296	.06499	.36824	2.1360	.08930	2.2835

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	2.2421	.08575	1.7767	.25217	.88871	4.0180	29.015
Stddev	.0091	.00058	.0205	.00167	.00452	.0145	.054
%RSD	.40379	.67758	1.1545	.66374	.50818	.36141	.18615

#1	2.2351	.08519	1.7839	.25051	.88623	4.0013	29.004
#2	2.2390	.08571	1.7536	.25216	.88598	4.0279	29.074
#3	2.2523	.08635	1.7926	.25386	.89392	4.0247	28.968

Sample Name: S3 Acquired: 02/25/2019 11:16:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1189.7	2262.9	26638.	3277.4	2759.5
Stddev	5.7	13.8	94.	34.9	12.1
%RSD	.47723	.60818	.35121	1.0649	.43695
#1	1196.2	2247.9	26736.	3273.9	2746.8
#2	1185.7	2275.0	26629.	3313.8	2770.8
#3	1187.1	2265.7	26549.	3244.3	2760.7

Sample Name: S4 Acquired: 02/25/2019 11:20:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.25088	.32052	6.4048	.41116	.73262	15.059	34.084	6.6501
Stddev	.00160	.00264	.0316	.00110	.00295	.157	.083	.0527
%RSD	.63824	.82506	.49337	.26748	.40302	1.0453	.24416	.79330

#1	.24997	.31833	6.3821	.40989	.72974	14.878	34.159	6.6891
#2	.24994	.31978	6.3913	.41186	.73246	15.148	33.995	6.6710
#3	.25273	.32346	6.4409	.41173	.73564	15.153	34.099	6.5901

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	8.8590	11.833	3.0578	2.5626	1.7630	2.0245	3.0401	1.4656
Stddev	.0207	.127	.0046	.0084	.0048	.0382	.0517	.0269
%RSD	.23330	1.0699	.15105	.32785	.27352	1.8886	1.6998	1.8359

#1	8.8432	11.688	3.0630	2.5587	1.7576	1.9806	2.9813	1.4349
#2	8.8513	11.924	3.0563	2.5569	1.7648	2.0510	3.0782	1.4849
#3	8.8824	11.887	3.0541	2.5722	1.7667	2.0417	3.0607	1.4771

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	1.4234	.61165	1.5255	.13077	.79518	4.2937	.18649	4.5293
Stddev	.0063	.00285	.0159	.00096	.02308	.0056	.00119	.0400
%RSD	.44619	.46517	1.0435	.73156	2.9029	.12976	.64027	.88243

#1	1.4214	.61245	1.5071	.12967	.76957	4.2916	.18561	4.5665
#2	1.4183	.60849	1.5346	.13131	.80157	4.2896	.18601	4.5344
#3	1.4305	.61401	1.5348	.13135	.81438	4.3001	.18785	4.4870

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	4.6446	.18046	3.4946	.51685	1.7792	8.2387	58.482
Stddev	.0114	.00086	.0352	.00295	.0136	.0442	.122
%RSD	.24459	.47511	1.0072	.57139	.76602	.53621	.20920

#1	4.6322	.18030	3.5284	.51505	1.7645	8.1887	58.619
#2	4.6473	.17970	3.4973	.51525	1.7914	8.2546	58.383
#3	4.6544	.18139	3.4582	.52026	1.7817	8.2727	58.443

Sample Name: S4 Acquired: 02/25/2019 11:20:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1103.5	2088.3	25801.	3247.0	2548.6
Stddev	15.0	4.6	221.	7.6	5.8
%RSD	1.3566	.21855	.85823	.23295	.22652
#1	1119.2	2093.5	25982.	3238.3	2553.4
#2	1101.7	2085.8	25867.	3251.5	2550.2
#3	1089.5	2085.5	25554.	3251.2	2542.2

Sample Name: S6 Acquired: 02/25/2019 11:28:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	82.239	37.689	10.633	4.9425	8.6295
Stddev	1.030	.638	.204	.0988	.1333
%RSD	1.2525	1.6931	1.9177	1.9994	1.5445

#1	82.726	37.976	10.728	4.9933	8.6731
#2	81.056	36.958	10.399	4.8287	8.4798
#3	82.935	38.134	10.773	5.0057	8.7354

Int. Std.	Y_3710
Units	Cts/S
Avg	3145.7
Stddev	39.2
%RSD	1.2465

#1	3141.3
#2	3186.9
#3	3108.8

Sample Name: S5 Acquired: 02/25/2019 11:24:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.52272	.61906	12.800	.82320	1.5312	30.504	66.534	13.048
Stddev	.00149	.00317	.073	.00597	.0101	.315	1.160	.174
%RSD	.28524	.51138	.57242	.72472	.65980	1.0333	1.7428	1.3332

#1	.52153	.61617	12.751	.82167	1.5280	30.838	67.606	13.231
#2	.52223	.61856	12.763	.81814	1.5230	30.212	65.303	12.885
#3	.52439	.62244	12.884	.82978	1.5425	30.462	66.692	13.027

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	17.446	23.445	5.9042	5.1027	3.4838	3.9239	5.8933	2.9450
Stddev	.114	.264	.0119	.0284	.0171	.0440	.0647	.0376
%RSD	.65513	1.1240	.20193	.55562	.48974	1.1213	1.0985	1.2769

#1	17.410	23.716	5.9101	5.0865	3.5035	3.9734	5.9671	2.9859
#2	17.353	23.190	5.9120	5.0862	3.4733	3.8892	5.8461	2.9119
#3	17.574	23.430	5.8905	5.1355	3.4746	3.9092	5.8667	2.9371

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	2.8070	1.2444	3.0584	.25426	1.7048	8.6689	.38328	8.9754
Stddev	.0147	.0045	.0389	.00077	.0192	.0644	.00282	.1250
%RSD	.52392	.35755	1.2715	.30262	1.1257	.74282	.73612	1.3931

#1	2.7958	1.2395	3.0953	.25477	1.7139	8.7340	.38155	9.0780
#2	2.8016	1.2482	3.0178	.25338	1.7177	8.6053	.38175	8.8361
#3	2.8237	1.2455	3.0621	.25464	1.6827	8.6675	.38654	9.0120

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	9.5810	.37099	6.7993	1.0316	3.4910	16.664	115.45	
Stddev	.0597	.00160	.0876	.0061	.0334	.125	.65	
%RSD	.62353	.43053	1.2881	.59440	.95796	.75263	.56329	

#1	9.5512	.37024	6.8842	1.0270	3.5296	16.805	116.16	
#2	9.5421	.36990	6.7093	1.0293	3.4716	16.565	114.88	
#3	9.6498	.37282	6.8045	1.0386	3.4718	16.621	115.32	

Sample Name: S5 Acquired: 02/25/2019 11:24:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	986.68	1903.2	25352.	3201.4	2368.8
Stddev	10.04	10.9	94.	52.4	11.9
%RSD	1.0178	.57011	.37110	1.6358	.50323
#1	975.16	1908.5	25262.	3154.1	2376.9
#2	993.55	1910.3	25449.	3257.7	2374.5
#3	991.34	1890.7	25344.	3192.5	2355.2

Sample Name: ICV Acquired: 02/25/2019 11:32:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	1.027674	1.110289	.9686349	1.056760	1.011646	2.410869
Stddev	.004323	.003901	.0059470	.001191	.007442	.008226
%RSD	.4206131	.3513781	.6139608	.1126754	.7356062	.3412237

#1	1.023759	1.109804	.9676009	1.056367	1.010267	2.418426
#2	1.026949	1.106653	.9632726	1.058097	1.004990	2.402106
#3	1.032313	1.114410	.9750311	1.055814	1.019681	2.412076

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5270053	.5086326	.5227222	10.56133	.5342262	.5115214
Stddev	.0032417	.0038350	.0018815	.06968	.0011047	.0020338
%RSD	.6151148	.7539728	.3599375	.6597448	.2067799	.3976080

#1	.5304355	.5095654	.5219468	10.64171	.5354321	.5116182
#2	.5265881	.5119152	.5213524	10.52420	.5339832	.5094408
#3	.5239925	.5044174	.5248675	10.51809	.5332632	.5135051

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5327917	5.555176	.5311782	6.089520	.5288393	.4839137
Stddev	.0025620	.029276	.0018111	.052768	.0027379	.0031585
%RSD	.4808589	.5270005	.3409544	.8665367	.5177186	.6526921

#1	.5305832	5.587954	.5323631	6.149066	.5280546	.4875461
#2	.5356006	5.545948	.5290934	6.070939	.5265794	.4818138
#3	.5321913	5.531626	.5320780	6.048557	.5318838	.4823814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.833432	.5342576	.9489044	10.07857	F .6101877	F .6442701
Stddev	.285659	.0081254	.0265917	.08870	.0055089	.0034573
%RSD	2.904974	1.520877	2.802358	.8801269	.9028241	.5366247

#1	9.820631	.5430353	.9274883	10.05504	.6107107	.6459904
#2	10.12528	.5269989	.9786685	10.17667	.6044359	.6465298
#3	9.55439	.5327386	.9405565	10.00401	.6154164	.6402901

Sample Name: ICV Acquired: 02/25/2019 11:32:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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 .6529136	F .6014920	F .6518546	F .6470317	F .6865775	F .6279955
Stddev	.0035684	.0079498	.0073786	.0030490	.0024995	.0023196
%RSD	.5465299	1.321683	1.131933	.4712252	.3640558	.3693617
#1	.6509308	.5988099	.6544671	.6471534	.6887945	.6298306
#2	.6507771	.5952301	.6575715	.6439237	.6838686	.6253883
#3	.6570331	.6104359	.6435252	.6500180	.6870694	.6287674

Elem	Sr4077
Units	ppm
Avg	F .6938827
Stddev	.0020764
%RSD	.2992501
#1	.6948430
#2	.6953052
#3	.6915000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1258.448	2352.605	26975.76	3343.731	3010.605
Stddev	8.302	8.488	194.69	21.436	9.428
%RSD	.6597282	.3608086	.7217352	.6410717	.3131751
#1	1265.030	2353.271	27192.41	3336.923	3008.575
#2	1249.120	2360.740	26815.45	3326.526	3020.883
#3	1261.192	2343.803	26919.41	3367.744	3002.357

Sample Name: K1558-06 Acquired: 02/25/2019 13:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3626043	-.000714	.1020211	.0690623	.2353509	11.96781	.0124147
Stddev	.0025559	.002167	.0019283	.0028565	.0023719	.02297	.0008320
%RSD	.7048603	303.5208	1.890144	4.136094	1.007813	.1919314	6.701917

#1	.3600193	-.001859	.1042349	.0702421	.2334214	11.94230	.0119701
#2	.3626635	.001785	.1007072	.0711400	.2346322	11.98685	.0118994
#3	.3651300	-.002067	.1011211	.0658049	.2379990	11.97427	.0133746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425760	.0280294	18.25626	.0062994	.9559916	.0053852	22.56237
Stddev	.0020516	.0001284	.04062	.0003633	.0036902	.0034910	.15722
%RSD	1.438948	.4582137	.2224817	5.767143	.3860083	64.82545	.6968131

#1	.1444742	.0281012	18.28084	.0065407	.9570794	.0025845	22.45569
#2	.1428543	.0278811	18.20938	.0064760	.9518798	.0042748	22.48850
#3	.1403994	.0281059	18.27857	.0058816	.9590157	.0092963	22.74292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951026	26.03394	.7590227	.0004762	17.92852	.4225814	.0103595
Stddev	.0027283	.17794	.0002175	.0002822	.24921	.0112206	.0083943
%RSD	2.868808	.6834829	.0286543	59.25906	1.389998	2.655253	81.03052

#1	.0923131	26.08437	.7588796	.0003256	18.00925	.4096266	.0120454
#2	.0952296	25.83624	.7589156	.0003013	18.12734	.4288804	.0012501
#3	.0977653	26.18123	.7592730	.0008018	17.64895	.4292372	.0177829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.236618	.0176398	.0276698	.0000547	.1951237	.4750470	.0027569
Stddev	.125322	.0007322	.0006909	.0001982	.0017261	.0072008	.0000643
%RSD	52.96378	4.150976	2.496825	362.4472	.8845917	1.515800	2.331491

#1	-.127809	.0170560	.0272789	.0002252	.1946989	.4818007	.0027270
#2	-.208403	.0174021	.0272631	.0001017	.1970225	.4758702	.0027130
#3	-.373643	.0184614	.0284675	-.000163	.1936497	.4674700	.0028307

Sample Name: K1558-06 Acquired: 02/25/2019 13:06:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0089064	-.004731	.0176676
Stddev	.0024180	.000554	.0002042
%RSD	27.14896	11.71041	1.155789

#1	.0110655	-.004450	.0177099
#2	.0093601	-.004374	.0178472
#3	.0062937	-.005369	.0174455

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.000	2251.756	26870.04	3416.392	2957.738
Stddev	6.328	4.615	78.18	30.131	4.072
%RSD	.5082585	.2049380	.2909686	.8819484	.1376780

#1	1248.448	2256.787	26950.11	3400.775	2953.533
#2	1248.856	2250.760	26866.10	3397.275	2961.662
#3	1237.697	2247.720	26793.90	3451.125	2958.020

Sample Name: CCV037 Acquired: 02/25/2019 12:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032341	4.903778	24.39862	5.022238	5.063579	413.2862	9.944975
Stddev	.009390	.011294	.09861	.019630	.017233	2.2365	.019395
%RSD	.1865881	.2303021	.4041808	.3908700	.3403274	.5411525	.1950183

#1	5.038309	4.892901	24.31964	4.999842	5.043865	412.2491	9.937027
#2	5.021518	4.902988	24.36708	5.030404	5.075778	411.7565	9.967081
#3	5.037197	4.915446	24.50915	5.036466	5.071096	415.8530	9.930817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5061867	2.493227	411.0598	15.13358	2.511947	15.03050	421.5952
Stddev	.0029978	.008026	3.4825	.05735	.010768	.02204	5.3111
%RSD	.5922279	.3218956	.8471918	.3789437	.4286739	.1466629	1.259769

#1	.5037158	2.486725	408.3984	15.18751	2.505414	15.05595	420.8261
#2	.5053226	2.490759	409.7799	15.07334	2.506051	15.01821	416.7106
#3	.5095216	2.502197	415.0011	15.13989	2.524375	15.01734	427.2490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93179	424.5274	2.489831	1.225262	407.6095	2.494153	14.90797
Stddev	.12941	4.9260	.010032	.003400	1.9569	.044030	.08741
%RSD	.8666810	1.160349	.4029003	.2774838	.4800946	1.765345	.5863066

#1	14.87005	422.8260	2.486855	1.224896	406.3861	2.483817	15.00622
#2	14.84481	420.6776	2.481624	1.228830	406.5759	2.456210	14.87883
#3	15.08051	430.0785	2.501014	1.222059	409.8665	2.542432	14.83885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3911	5.275756	5.312427	5.050549	5.143450	4.984573	5.010530
Stddev	.3647	.022176	.037829	.011290	.016739	.033517	.013382
%RSD	.2408822	.4203371	.7120890	.2235399	.3254484	.6724220	.2670824

#1	150.9722	5.267103	5.279305	5.037713	5.135342	4.951563	4.998795
#2	151.6375	5.259211	5.304326	5.054991	5.132308	4.983580	5.007690
#3	151.5636	5.300954	5.353651	5.058941	5.162699	5.018575	5.025104

Sample Name: CCV037 Acquired: 02/25/2019 12:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.917012	5.043811	4.988913
Stddev	.016496	.006448	.020205
%RSD	.3354902	.1278349	.4050067

#1	4.903210	5.037344	4.999140
#2	4.912545	5.043852	5.001961
#3	4.935282	5.050239	4.965639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.124	1949.947	25070.26	3241.636	2388.412
Stddev	6.150	3.889	82.85	21.388	7.429
%RSD	.5768452	.1994186	.3304753	.6597797	.3110505

#1	1068.047	1953.953	25035.80	3264.196	2392.242
#2	1059.242	1949.700	25164.78	3239.059	2393.146
#3	1071.082	1946.188	25010.19	3221.654	2379.850

Sample Name: ICSAB Acquired: 02/25/2019 11:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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	.0990599	.1151057	.0526738	.0517698	.6315216	234.8377
Stddev	.0031838	.0021270	.0022618	.0032510	.0040165	2.1765
%RSD	3.213985	1.847856	4.293960	6.279747	.6360030	.9268132

#1	.0985253	.1134200	.0507560	.0509492	.6328745	234.1200
#2	.1024771	.1174955	.0551681	.0490077	.6270033	233.1107
#3	.0961772	.1144017	.0520974	.0553524	.6346869	237.2824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267650	.5187048	1.054443	244.9544	.5858129	.5208995
Stddev	.0012788	.0030926	.003425	2.2919	.0004625	.0020397
%RSD	.2427611	.5962167	.3247720	.9356420	.0789492	.3915656

#1	.5271794	.5201596	1.053492	244.9187	.5857904	.5198162
#2	.5253304	.5208016	1.051594	242.6805	.5862863	.5196300
#3	.5277852	.5151530	1.058242	247.2639	.5853621	.5232522

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5161353	103.4413	.5356317	254.8775	1.050985	.1729680
Stddev	.0106541	1.6952	.0051492	3.3049	.005299	.0005964
%RSD	2.064201	1.638768	.9613314	1.296652	.5042348	.3447974

#1	.5224700	103.2647	.5353191	253.8043	1.046934	.1728833
#2	.5038349	101.8413	.5306460	252.2425	1.049040	.1724185
#3	.5221011	105.2178	.5409301	258.5855	1.056982	.1736022

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.256126	.5238786	.9912795	-.067524	.5652785	F .6713780
Stddev	.293369	.0020936	.0217083	.093825	.0062541	.0011765
%RSD	114.5408	.3996435	2.189932	138.9508	1.106369	.1752366

#1	-.282443	.5234353	1.003397	-.057994	.5588191	.6719909
#2	.049515	.5261583	.966217	.021173	.5657117	.6700216
#3	-.535451	.5220420	1.004224	-.165751	.5713047	.6721216

Sample Name: ICSAB Acquired: 02/25/2019 11:57:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) 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 .5686811	.5482135	.5467196	F .5815369	.5777164	.5545014
Stddev	.0041718	.0035364	.0031817	.0049202	.0017965	.0009999
%RSD	.7335964	.6450734	.5819565	.8460723	.3109691	.1803289
#1	.5655561	.5515421	.5450578	.5793779	.5764544	.5535030
#2	.5670687	.5445007	.5503880	.5780653	.5797733	.5555028
#3	.5734185	.5485977	.5447128	.5871675	.5769216	.5544986

Elem	Sr4077
Units	ppm
Avg	.6929225
Stddev	.0022303
%RSD	.3218650
#1	.6954387
#2	.6911891
#3	.6921399

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.470	2148.451	25681.09	3308.635	2646.828
Stddev	3.605	6.260	28.98	15.572	4.947
%RSD	.3056816	.2913560	.1128277	.4706615	.1868983
#1	1177.868	2152.138	25649.28	3307.541	2648.219
#2	1183.599	2151.991	25688.02	3293.638	2650.931
#3	1176.944	2141.223	25705.97	3324.725	2641.335

Sample Name: CCB037 Acquired: 02/25/2019 12:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028473	-.001334	.0014526	.0012105	-.000493	-.012843	-.002694
Stddev	.0024555	.001622	.0016293	.0004746	.001137	.005303	.000354
%RSD	86.23825	121.5743	112.1631	39.20913	230.6229	41.29497	13.13540

#1	.0011350	-.000909	.0013922	.0014747	.000528	-.018293	-.002335
#2	.0056606	-.003127	.0031112	.0014942	-.001719	-.012537	-.002703
#3	.0017463	.000033	-.000146	.0006625	-.000288	-.007699	-.003043

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000577	.0000299	.0135712	.0001619	.0000563	.0010830	-.015046
Stddev	.0000158	.0000526	.0347546	.0003208	.0001586	.0040183	.027995
%RSD	27.45764	176.0326	256.0907	198.1097	281.5786	371.0214	186.0598

#1	.0000572	-.000003	.0305257	.0005036	-.000121	-.002792	.004817
#2	.0000738	.000091	.0365946	-.000133	.000105	.000811	-.047064
#3	.0000421	.000002	-.026407	.000115	.000185	.005230	-.002891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002672	-.036000	-.000375	.0004137	-.369264	-.003217	.0023911
Stddev	.0011069	.060947	.000349	.0003406	.362758	.012070	.0105206
%RSD	414.3455	169.2955	93.12540	82.33301	98.23808	375.1959	439.9977

#1	-.000999	.031891	-.000541	.0002514	-.194523	-.005984	-.000374
#2	.000750	-.085997	.000026	.0001846	-.786320	-.013663	.014018
#3	.001050	-.053895	-.000611	.0008051	-.126949	.009996	-.006471

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.199156	-.003074	.0032705	-.000076	-.008876	-.009639	.0005455
Stddev	.055607	.001742	.0001815	.000334	.002681	.001118	.0012868
%RSD	27.92156	56.67067	5.548860	440.5624	30.21131	11.59579	235.8851

#1	-.215670	-.001839	.0030613	-.000349	-.006558	-.008354	.0005997
#2	-.244636	-.002317	.0033846	.000297	-.011813	-.010176	.0018044
#3	-.137162	-.005067	.0033657	-.000176	-.008256	-.010387	-.000768

Sample Name: CCB037 Acquired: 02/25/2019 12:05:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB037 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001090	-.000216	.0000319
Stddev	.001168	.001022	.0000995
%RSD	107.1939	474.3081	311.4251

#1	.000014	-.001353	-.000076
#2	-.000970	.000080	.000119
#3	-.002313	.000627	.000053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.604	2295.972	26784.49	3357.517	3003.421
Stddev	7.358	8.882	37.66	4.631	6.392
%RSD	.5926325	.3868348	.1405893	.1379423	.2128093

#1	1236.229	2303.037	26813.95	3355.425	3008.975
#2	1249.990	2298.879	26797.45	3362.825	3004.851
#3	1238.593	2286.002	26742.06	3354.300	2996.435

Sample Name: PB117299BL Acquired: 02/25/2019 12:25:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS299 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023767	-.002339	-.000137	.0023570	-.001081	-.004237	-.003417
Stddev	.0009261	.002081	.001153	.0005744	.001002	.007979	.001051
%RSD	38.96713	89.00199	839.9314	24.37010	92.65159	188.3370	30.77105

#1	.0025502	-.004577	-.001235	.0024717	-.001983	-.008859	-.004556
#2	.0032039	-.000461	-.000241	.0017339	-.001258	-.008827	-.003212
#3	.0013761	-.001978	.001064	.0028654	-.000003	.004977	-.002483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000493	.0000020	-.001397	.0001028	.0000977	.0019594	-.015112
Stddev	.0000228	.0001097	.010956	.0002982	.0002670	.0043285	.015888
%RSD	46.33696	5528.206	783.9889	289.9668	273.4448	220.9141	105.1322

#1	.0000254	.0001150	.011046	.0004183	-.000124	.0067736	.001580
#2	.0000515	-.000104	-.005645	.0000646	.000023	-.001611	-.030050
#3	.0000709	-.000005	-.009593	-.000174	.000394	.000716	-.016868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000290	.0417889	-.000013	.0012096	-.061978	-.004082	-.001727
Stddev	.002142	.0355567	.000418	.0001800	.362817	.002078	.009617
%RSD	739.0651	85.08645	3227.032	14.88201	585.3949	50.91059	556.8782

#1	-.001046	.0600045	.000252	.0011320	-.118537	-.006088	-.008841
#2	-.001951	.0645468	-.000495	.0010813	.325796	-.001939	-.005554
#3	.002127	.0008154	.000204	.0014153	-.393194	-.004219	.009215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.266292	-.004779	-.006388	.0001103	-.009943	-.010730	-.000317
Stddev	.044912	.002735	.001342	.0001341	.001312	.000592	.001198
%RSD	16.86567	57.21880	21.01545	121.5938	13.19206	5.515325	378.3373

#1	-.317806	-.007790	-.007330	.0001616	-.009121	-.010902	.000684
#2	-.245711	-.002450	-.006982	-.000042	-.011455	-.011216	-.001644
#3	-.235359	-.004097	-.004851	.000211	-.009252	-.010071	.000010

Sample Name: PB117299BL Acquired: 02/25/2019 12:25:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS299 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000455	-.002417	.0000143
Stddev	.001128	.002121	.0000666
%RSD	247.9349	87.74678	466.1114

#1	-.000571	-.004135	-.000025
#2	-.001521	-.000047	-.000024
#3	.000727	-.003068	.000091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.040	2251.383	26372.71	3381.108	2980.266
Stddev	5.431	12.041	116.96	25.201	12.503
%RSD	.4447447	.5348276	.4434896	.7453582	.4195233

#1	1214.781	2251.026	26314.12	3383.550	2982.699
#2	1224.500	2263.598	26507.39	3405.000	2991.373
#3	1223.839	2239.524	26296.63	3354.775	2966.725

Sample Name: PB117299BS Acquired: 02/25/2019 12:29:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS299 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188851	.0537275	.0187364	.0774001	.1345674	.4066669
Stddev	.0024676	.0015595	.0010413	.0000659	.0008827	.0097008
%RSD	13.06620	2.902584	5.557833	.0851089	.6559642	2.385439

#1	.0214016	.0555054	.0197070	.0774684	.1353913	.3954899
#2	.0164695	.0530868	.0188658	.0773947	.1336358	.4116137
#3	.0187843	.0525906	.0176364	.0773370	.1346751	.4128971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4198047	.0108662	.0108922	10.79265	.0236196	.1026541
Stddev	.0038431	.0000201	.0001635	.02505	.0001219	.0006656
%RSD	.9154369	.1845793	1.500702	.2321225	.5159558	.6483961

#1	.4241627	.0108830	.0109604	10.78532	.0234796	.1019872
#2	.4183503	.0108440	.0107057	10.77208	.0236781	.1026567
#3	.4169011	.0108716	.0110106	10.82055	.0237013	.1033184

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559042	.2258323	.0343879	10.61730	.0869632	.0210350
Stddev	.0011596	.0300716	.0011861	.04323	.0002492	.0002063
%RSD	2.074255	13.31590	3.449203	.4071334	.2866041	.9805102

#1	.0572394	.1952561	.0343042	10.60974	.0869168	.0207991
#2	.0553237	.2553726	.0356137	10.57834	.0867405	.0211250
#3	.0551496	.2268682	.0332459	10.66380	.0872324	.0211810

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.704158	.1034727	.1255514	10.07967	.0195794	F .0136658
Stddev	.259396	.0045988	.0066121	.06651	.0015119	.0001309
%RSD	2.673040	4.444405	5.266422	.6598040	7.721751	.9576768

#1	9.727695	.1030743	.1196315	10.02409	.0185460	.0135156
#2	9.433795	.1082577	.1326870	10.15335	.0213147	.0137264
#3	9.950983	.0990861	.1243358	10.06156	.0188776	.0137554

Sample Name: PB117299BS Acquired: 02/25/2019 12:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS299 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227016	.1832322	.2023694	.0123595	.2126657	.0943540
Stddev	.0004150	.0044564	.0005095	.0004541	.0015185	.0016156
%RSD	1.827954	2.432103	.2517534	3.673709	.7140234	1.712244
#1	.0230694	.1875295	.2018092	.0123508	.2133427	.0939973
#2	.0227836	.1835350	.2028050	.0128179	.2137280	.0961181
#3	.0222518	.1786321	.2024940	.0119099	.2109265	.0929466

Elem	Sr4077
Units	ppm
Avg	.2127523
Stddev	.0014078
%RSD	.6617207
#1	.2141244
#2	.2128212
#3	.2113113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.096	2253.037	26706.20	3398.425	2997.039
Stddev	.982	5.959	89.75	19.446	7.447
%RSD	.0797892	.2644832	.3360592	.5722143	.2484761
#1	1230.870	2251.718	26702.13	3405.775	2998.409
#2	1232.171	2259.544	26797.91	3413.125	3003.705
#3	1230.246	2247.847	26618.55	3376.375	2989.001

Sample Name: K1558-02 Acquired: 02/25/2019 12:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451783	.0005944	.0898362	.0012419	.0043538	10.35636	.1139247
Stddev	.0025120	.0005846	.0018502	.0028655	.0010015	.06947	.0005366
%RSD	5.560200	98.35225	2.059487	230.7257	23.00240	.6708186	.4710362

#1	.0452922	.0012692	.0919725	-.001972	.0033965	10.43647	.1135717
#2	.0476314	.0002680	.0887740	.002166	.0042706	10.31991	.1136603
#3	.0426113	.0002458	.0887619	.003531	.0053942	10.31269	.1145423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045175	.0084514	11.76473	.1196703	.0383877	.1928399	88.65123
Stddev	.0000348	.0001814	.07326	.0003135	.0003273	.0046499	.72855
%RSD	.7709947	2.146464	.6227051	.2619983	.8527192	2.411301	.8218142

#1	.0044774	.0082420	11.84916	.1196317	.0385544	.1966267	89.48972
#2	.0045350	.0085505	11.71794	.1200014	.0380106	.1876500	88.29099
#3	.0045401	.0085616	11.72710	.1193779	.0385982	.1942430	88.17298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.820581	6.412077	.0443754	-.004044	-.310710	.1487910	.1992076
Stddev	.010911	.077092	.0000718	.000313	.168215	.0079953	.0204967
%RSD	.5993106	1.202295	.1617751	7.737241	54.13903	5.373480	10.28909

#1	1.831364	6.441881	.0443106	-.003717	-.127450	.1494442	.1863136
#2	1.820834	6.324532	.0444526	-.004341	-.458091	.1404892	.2228424
#3	1.809547	6.469817	.0443632	-.004075	-.346590	.1564396	.1884668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040501	.6917001	.1027030	.0024354	.1336702	1.476323	.0009628
Stddev	.093437	.0043892	.0030786	.0001459	.0055767	.017337	.0005639
%RSD	230.7036	.6345548	2.997528	5.989950	4.171961	1.174308	58.57038

#1	-.127627	.6936324	.1062577	.0024146	.1272316	1.456544	.0016096
#2	-.052049	.6866763	.1009033	.0025905	.1369772	1.488887	.0005740
#3	.058173	.6947917	.1009479	.0023010	.1368018	1.483539	.0007049

Sample Name: K1558-02 Acquired: 02/25/2019 12:37:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3534906	-.000582	.0075272
Stddev	.0024390	.001270	.0000154
%RSD	.6899883	218.2889	.2046174

#1	.3539142	.000455	.0075353
#2	.3556901	-.000202	.0075368
#3	.3508675	-.001999	.0075094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1315.090	2404.270	28376.12	3620.833	2987.623
Stddev	9.265	10.771	43.76	5.298	7.052
%RSD	.7045507	.4479973	.1542254	.1463122	.2360511

#1	1305.214	2408.997	28325.67	3617.850	2994.007
#2	1323.591	2411.869	28398.74	3626.950	2988.808
#3	1316.464	2391.944	28403.93	3617.700	2980.053

Sample Name: K1558-01 Acquired: 02/25/2019 12:33:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457820	-.001206	.0879024	.0037869	.0003911	10.41166	.1141970
Stddev	.0021087	.000748	.0009687	.0003518	.0010105	.03619	.0011017
%RSD	4.605920	62.07865	1.101979	9.291112	258.3348	.3476053	.9647480

#1	.0448605	-.000434	.0870354	.0034212	-.000558	10.39078	.1129250
#2	.0442909	-.001929	.0889479	.0041230	.000278	10.45345	.1148162
#3	.0481946	-.001253	.0877241	.0038164	.001453	10.39076	.1148498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045408	.0084093	11.98645	.1201000	.0385502	.1829205	89.38610
Stddev	.0000045	.0000766	.00541	.0010481	.0001652	.0049420	.61986
%RSD	.0989523	.9107736	.0451629	.8726946	.4284537	2.701737	.6934653

#1	.0045437	.0084414	11.98233	.1197762	.0387410	.1883551	88.67261
#2	.0045430	.0084647	11.99258	.1212718	.0384532	.1786957	89.69357
#3	.0045356	.0083219	11.98443	.1192520	.0384565	.1817106	89.79211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.838437	6.480208	.0446015	-.004177	-.438347	.1495065	.1989525
Stddev	.010850	.017660	.0003556	.000287	.151026	.0040606	.0139648
%RSD	.5901801	.2725250	.7973264	6.864414	34.45347	2.716005	7.019190

#1	1.827990	6.493760	.0444220	-.004343	-.593607	.1541156	.2103576
#2	1.837672	6.460235	.0450110	-.004342	-.429487	.1464565	.1833777
#3	1.849649	6.486627	.0443714	-.003846	-.291946	.1479475	.2031221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016679	.6874123	.1062286	.0025350	.1312297	1.527541	.0006059
Stddev	.071414	.0041330	.0022525	.0002159	.0036427	.021614	.0013348
%RSD	428.1615	.6012370	2.120422	8.516393	2.775808	1.414952	220.2968

#1	-.054741	.6868745	.1036276	.0026085	.1271002	1.522130	.0007089
#2	.065703	.6835746	.1075347	.0027045	.1339871	1.551347	.0018862
#3	-.061000	.6917879	.1075233	.0022920	.1326018	1.509147	-.000777

Sample Name: K1558-01 Acquired: 02/25/2019 12:33:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3575726	.0009995	.0076500
Stddev	.0048687	.0003845	.0000806
%RSD	1.361585	38.47295	1.052930

#1	.3540902	.0007391	.0077274
#2	.3554917	.0008182	.0075666
#3	.3631359	.0014412	.0076559

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.490	2414.130	28384.91	3601.142	3001.182
Stddev	10.228	5.385	172.31	13.003	4.369
%RSD	.7805076	.2230624	.6070617	.3610876	.1455705

#1	1308.254	2417.870	28383.17	3606.925	3005.137
#2	1321.651	2416.562	28558.08	3586.250	3001.917
#3	1301.565	2407.958	28213.47	3610.250	2996.492

Sample Name: K1558-01LX5 Acquired: 02/25/2019 12:45:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153238	-.002657	.0173852	.0032391	-.001650	2.210034	.0227230
Stddev	.0008843	.001035	.0015437	.0007573	.001083	.015829	.0009049
%RSD	5.771032	38.96403	8.879290	23.38134	65.66342	.7162473	3.982430

#1	.0155437	-.001671	.0181919	.0034394	-.001054	2.191985	.0229031
#2	.0160775	-.002564	.0183584	.0024017	-.002900	2.221557	.0235244
#3	.0143503	-.003735	.0156053	.0038762	-.000995	2.216560	.0217416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010289	.0018189	2.552108	.0254778	.0078523	.0407691	18.90223
Stddev	.0000754	.0000917	.029192	.0003646	.0003522	.0036078	.15377
%RSD	7.327801	5.038886	1.143850	1.431148	4.484971	8.849304	.8135240

#1	.0010704	.0017135	2.555347	.0251194	.0080577	.0420923	18.84363
#2	.0009418	.0018801	2.521431	.0254656	.0074456	.0435284	18.78637
#3	.0010744	.0018631	2.579545	.0258484	.0080535	.0366865	19.07669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3843893	1.266561	.0089868	-.000376	-.360327	.0239527	.0351769
Stddev	.0069930	.033234	.0002362	.000377	.318525	.0034114	.0175885
%RSD	1.819242	2.623965	2.628203	100.1450	88.39888	14.24244	50.00016

#1	.3796241	1.230399	.0092576	-.000688	-.413018	.0231582	.0149600
#2	.3811265	1.273517	.0088792	-.000483	-.649221	.0210087	.0469625
#3	.3924174	1.295766	.0088236	.000042	-.018742	.0276914	.0436083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143721	.1401247	.0155120	.0003643	.0194909	.3161313	-.000719
Stddev	.044923	.0012984	.0010901	.0001731	.0029540	.0007805	.000539
%RSD	31.25671	.9265643	7.027699	47.51259	15.15598	.2469073	75.05050

#1	-.193723	.1409457	.0143572	.0002077	.0162321	.3158749	-.000145
#2	-.130675	.1386279	.0165232	.0003351	.0219931	.3155112	-.001216
#3	-.106766	.1408005	.0156556	.0005502	.0202475	.3170078	-.000795

Sample Name: K1558-01LX5 Acquired: 02/25/2019 12:45:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0746010	-.003346	.0015718
Stddev	.0012038	.000439	.0000982
%RSD	1.613595	13.12816	6.248753

#1	.0738787	-.003321	.0016094
#2	.0739337	-.002920	.0014603
#3	.0759906	-.003797	.0016457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1252.315	2287.793	27164.65	3454.975	2987.245
Stddev	3.263	5.404	181.83	23.494	4.387
%RSD	.2605279	.2362176	.6693526	.6799927	.1468732

#1	1251.403	2290.987	27228.27	3477.075	2988.709
#2	1255.937	2290.839	27306.12	3457.550	2990.712
#3	1249.606	2281.553	26959.56	3430.300	2982.312

Sample Name: K1558-03 Acquired: 02/25/2019 12:41:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1148463	.1098274	.1243230	.0215950	.1189962	13.81469	4.131570
Stddev	.0078072	.0041841	.0016385	.0015662	.0027241	.09119	.002507
%RSD	6.797923	3.809687	1.317936	7.252669	2.289227	.6600790	.0606868

#1	.1111421	.1057413	.1241136	.0229636	.1161025	13.82138	4.130062
#2	.1095807	.1141031	.1227993	.0198869	.1193749	13.72034	4.130184
#3	.1238160	.1096378	.1260562	.0219345	.1215111	13.90234	4.134464

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020855	.1159754	8.055444	.5379031	1.071619	.5527060	85.59579
Stddev	.0008562	.0003507	.067951	.0021900	.004639	.0066499	.70617
%RSD	.8386666	.3023950	.8435455	.4071344	.4328945	1.203153	.8250086

#1	.1016724	.1158653	8.064070	.5356797	1.068731	.5523806	85.94443
#2	.1015142	.1156930	7.983592	.5379715	1.069155	.5462248	84.78310
#3	.1030699	.1163679	8.118671	.5400581	1.076970	.5595127	86.05984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.715972	4.257281	1.097450	.0876324	-.507978	1.173115	1.128303
Stddev	.018790	.020834	.004831	.0000042	.051939	.002926	.014630
%RSD	.6918252	.4893721	.4402416	.0048074	10.22474	.2493997	1.296624

#1	2.710674	4.234163	1.094238	.0876355	-.477644	1.176301	1.142181
#2	2.700400	4.274605	1.095107	.0876276	-.567952	1.172494	1.129704
#3	2.736842	4.263074	1.103007	.0876340	-.478339	1.170550	1.113022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.087613	.6358510	.1008303	.0023879	.1253706	.5116497	.0017169
Stddev	.053317	.0023751	.0020988	.0000836	.0048291	.0057649	.0002042
%RSD	60.85548	.3735371	2.081553	3.499862	3.851870	1.126737	11.89327

#1	-.030568	.6343409	.1024229	.0024117	.1306477	.5106132	.0014974
#2	-.136188	.6346234	.0984519	.0024571	.1211717	.5064732	.0017519
#3	-.096083	.6385887	.1016159	.0022951	.1242925	.5178625	.0019013

Sample Name: K1558-03 Acquired: 02/25/2019 12:41:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3651302	.0010497	.0059838
Stddev	.0015143	.0009657	.0000305
%RSD	.4147298	91.99925	.5097272

#1	.3638924	.0001425	.0059812
#2	.3646795	.0009418	.0059547
#3	.3668187	.0020648	.0060155

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.560	2386.324	28222.24	3624.661	3009.189
Stddev	7.524	3.518	124.17	16.390	6.620
%RSD	.5780696	.1474399	.4399851	.4521696	.2199926

#1	1300.414	2388.148	28221.99	3625.624	3002.508
#2	1294.675	2382.268	28098.20	3640.547	3015.746
#3	1309.591	2388.555	28346.54	3607.810	3009.313

Sample Name: K1558-05 Acquired: 02/25/2019 12:53:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1674488	-.000696	3.663588	.0018229	.0018862	17.17807	.4878378
Stddev	.0032096	.002760	.003989	.0017242	.0040928	.06098	.0013720
%RSD	1.916780	396.3060	.1088700	94.58356	216.9860	.3550124	.2812337

#1	.1671413	-.003708	3.659560	.0028405	.0066104	17.14855	.4876162
#2	.1644040	-.000091	3.663667	-.000168	-.000588	17.13745	.4865901
#3	.1708011	.001710	3.667536	.002796	-.000364	17.24819	.4893071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057903	.0086114	573.9468	.0598323	.2576273	.2479966	102.7122
Stddev	.0000382	.0000621	1.9548	.0001624	.0012234	.0053210	.6935
%RSD	.6601027	.7214747	.3405843	.2714556	.4748686	2.145589	.6751615

#1	.0057789	.0085819	572.8606	.0599901	.2567892	.2425344	102.6366
#2	.0058329	.0085696	572.7764	.0596657	.2570615	.2482912	102.0597
#3	.0057591	.0086828	576.2035	.0598411	.2590312	.2531641	103.4404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19550	331.3220	.2098870	-.003602	.1329132	.1081829	.8380577
Stddev	.06067	1.1864	.0003481	.000190	.0522571	.0044191	.0141429
%RSD	.5950536	.3580892	.1658678	5.278331	39.31671	4.084831	1.687586

#1	10.14218	330.3284	.2094983	-.003383	.1930636	.1066183	.8219486
#2	10.18282	331.0019	.2099925	-.003726	.1069918	.1131715	.8437894
#3	10.26151	332.6356	.2101702	-.003696	.0986843	.1047590	.8484351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9111358	1.029875	.1329463	.0023021	4.553317	3.596563	.1579447
Stddev	.0566670	.001656	.0030072	.0002454	.016673	.007524	.0040135
%RSD	6.219382	.1608386	2.261975	10.66190	.3661791	.2091918	2.541054

#1	.9364964	1.031497	.1299540	.0023873	4.547894	3.605203	.1536469
#2	.8462178	1.028186	.1329168	.0024937	4.540031	3.591454	.1615950
#3	.9506934	1.029941	.1359682	.0020254	4.572027	3.593033	.1585924

Sample Name: K1558-05 Acquired: 02/25/2019 12:53:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2249228	.0226718	.1917680
Stddev	.0030393	.0003217	.0002079
%RSD	1.351272	1.419137	.1084055

#1	.2221827	.0224536	.1917497
#2	.2243936	.0225206	.1919844
#3	.2281919	.0230413	.1915699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.039	2352.367	29336.24	3823.838	2523.543
Stddev	5.474	2.462	128.92	9.093	1.451
%RSD	.4194799	.1046817	.4394717	.2377941	.0574802

#1	1311.156	2351.126	29333.17	3830.527	2524.739
#2	1303.362	2350.772	29208.88	3813.485	2523.959
#3	1300.599	2355.203	29466.67	3827.504	2521.929

Sample Name: K1558-04 Acquired: 02/25/2019 12:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1782658	-.001521	5.449860	-.000603	.0045226	14.04604	.3011972
Stddev	.0033832	.000661	.021591	.001800	.0021994	.06493	.0011775
%RSD	1.897813	43.43212	.3961791	298.2978	48.63044	.4622323	.3909257

#1	.1818756	-.000758	5.450780	-.002154	.0020078	14.10425	.3021614
#2	.1751675	-.001898	5.427823	-.001027	.0054733	14.05785	.2998849
#3	.1777544	-.001907	5.470976	.001371	.0060868	13.97602	.3015453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060129	.0079392	728.7563	.0700097	.2480555	.5840543	106.7806
Stddev	.0000592	.0000510	2.6674	.0005094	.0005139	.0015050	.8577
%RSD	.9847645	.6427446	.3660245	.7275666	.2071740	.2576793	.8032211

#1	.0060689	.0079351	730.9464	.0694236	.2476067	.5850373	106.6216
#2	.0059509	.0078903	729.5367	.0702605	.2479437	.5823217	107.7066
#3	.0060190	.0079921	725.7857	.0703452	.2486161	.5848038	106.0135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86466	420.9017	.1691418	-.004329	.9293839	.1174254	1.248118
Stddev	.05152	2.2714	.0014517	.000125	.1426936	.0049539	.028562
%RSD	.4742075	.5396526	.8582726	2.897953	15.35356	4.218736	2.288381

#1	10.85109	420.2267	.1683554	-.004254	.8109808	.1174572	1.215663
#2	10.92161	423.4341	.1682530	-.004474	1.087817	.1223632	1.269423
#3	10.82128	419.0443	.1708171	-.004260	.889353	.1124556	1.259269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6838095	1.014476	.1385263	.0039303	7.789871	1.520993	.0014826
Stddev	.0339256	.007696	.0021648	.0002648	.012118	.017522	.0002268
%RSD	4.961261	.7586112	1.562717	6.738107	.1555643	1.151992	15.29450

#1	.7229692	1.014844	.1388305	.0037582	7.777580	1.531847	.0012215
#2	.6651445	1.006603	.1405229	.0037974	7.790225	1.500779	.0016293
#3	.6633149	1.021982	.1362255	.0042352	7.801809	1.530354	.0015972

Sample Name: K1558-04 Acquired: 02/25/2019 12:49:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGH5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2246922	.0222929	.2421634
Stddev	.0044079	.0007854	.0013022
%RSD	1.961742	3.523293	.5377523

#1	.2198902	.0215817	.2428345
#2	.2256321	.0231359	.2406625
#3	.2285544	.0221610	.2429931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.787	2319.534	29265.18	3786.484	2475.346
Stddev	4.668	8.277	84.98	30.292	7.557
%RSD	.3575144	.3568391	.2903700	.8000130	.3053085

#1	1310.850	2329.051	29363.15	3756.075	2481.293
#2	1301.652	2315.537	29220.93	3816.658	2477.903
#3	1304.861	2314.014	29211.46	3786.719	2466.842

Sample Name: PB117367BS Acquired: 02/25/2019 13:14:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS367 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183301	.0526690	.0182251	.0782646	.1348844	.4109350
Stddev	.0024972	.0015230	.0005519	.0003288	.0013590	.0046349
%RSD	13.62338	2.891577	3.028084	.4200785	1.007537	1.127886

#1	.0177554	.0515025	.0180759	.0782622	.1356371	.4130180
#2	.0161703	.0521125	.0188363	.0785946	.1333156	.4141629
#3	.0210645	.0543919	.0177632	.0779370	.1357006	.4056241

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4221815	.0109445	.0109628	10.83001	.0232031	.1023534
Stddev	.0021311	.0000871	.0000645	.05451	.0003777	.0003947
%RSD	.5047926	.7960052	.5881866	.5033444	1.627985	.3855999

#1	.4237672	.0109754	.0110339	10.88312	.0232483	.1020613
#2	.4197589	.0108461	.0109082	10.83273	.0235562	.1021965
#3	.4230183	.0110119	.0109462	10.77419	.0228047	.1028024

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539189	.2348417	.0357853	10.68931	.0872593	.0214900
Stddev	.0011734	.0162201	.0014578	.10936	.0005230	.0002342
%RSD	2.176236	6.906824	4.073792	1.023044	.5994182	1.089880

#1	.0525704	.2450172	.0364897	10.78990	.0867265	.0217545
#2	.0547069	.2433713	.0367572	10.70512	.0877720	.0213091
#3	.0544796	.2161364	.0341091	10.57291	.0872795	.0214064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.979334	.0987191	.1184379	10.09510	.0192121	F .0116419
Stddev	.302418	.0082736	.0146748	.13702	.0019101	.0010072
%RSD	3.030442	8.380981	12.39031	1.357261	9.942140	8.651828

#1	9.910784	.0909976	.1345680	10.21900	.0210334	.0106289
#2	10.31014	.0977078	.1058767	9.94794	.0172242	.0116536
#3	9.71707	.1074519	.1148690	10.11835	.0193786	.0126433

Sample Name: PB117367BS Acquired: 02/25/2019 13:14:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS367 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228204	.1879182	.2059914	.0130486	.2147813	.0938726
Stddev	.0003370	.0041778	.0012692	.0017916	.0012467	.0007035
%RSD	1.476687	2.223200	.6161208	13.72999	.5804611	.7493672

#1	.0228507	.1865428	.2049615	.0151173	.2137166	.0932535
#2	.0224693	.1846015	.2056036	.0120317	.2144745	.0937266
#3	.0231412	.1926103	.2074093	.0119970	.2161528	.0946375

Elem	Sr4077
Units	ppm
Avg	.2137894
Stddev	.0006887
%RSD	.3221249

#1	.2138598
#2	.2130682
#3	.2144402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.859	2241.010	26636.31	3390.942	2991.709
Stddev	6.240	5.573	54.43	33.828	12.639
%RSD	.5077700	.2486845	.2043392	.9975869	.4224564

#1	1227.098	2241.890	26696.74	3391.425	2995.567
#2	1235.790	2246.090	26621.03	3424.525	3001.970
#3	1223.689	2235.049	26591.15	3356.875	2977.592

Sample Name: PB117367BL Acquired: 02/25/2019 13:10:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW367 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022688	-.000872	-.000353	.0025289	.0003172	-.012815	-.002698
Stddev	.0027408	.002113	.000279	.0002672	.0022789	.011301	.000351
%RSD	120.8068	242.4038	79.10342	10.56431	718.3533	88.18765	13.02636

#1	-.000698	-.002822	-.000040	.0027417	-.002034	-.017230	-.002923
#2	.002797	-.001164	-.000577	.0026158	.000470	-.021242	-.002878
#3	.004707	.001372	-.000441	.0022291	.002516	.000027	-.002293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000442	.0000307	.0055201	-.000242	.0002208	.0043885	.0214760
Stddev	.0000280	.0000374	.0150782	.000126	.0001973	.0053063	.0271402
%RSD	63.34670	121.8074	273.1503	52.09121	89.38043	120.9163	126.3750

#1	.0000632	-.000002	-.008132	-.000113	.0003234	.0101523	.0129856
#2	.0000572	.000071	.021704	-.000249	-.000007	.0033067	-.000404
#3	.0000121	.000023	.002988	-.000365	.000346	-.000294	.051846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001202	-.060966	-.000095	.0003777	-.437867	-.002484	-.015094
Stddev	.000356	.031435	.000309	.0002636	.236563	.013288	.005829
%RSD	29.63448	51.56102	323.7631	69.78560	54.02627	534.8470	38.62091

#1	-.001496	-.027589	-.000342	.0006631	-.164865	-.017826	-.012803
#2	-.000806	-.090009	-.000195	.0003266	-.566335	.005002	-.010758
#3	-.001305	-.065300	.000251	.0001434	-.582399	.005371	-.021721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139053	-.003149	-.009042	-.000017	-.008383	-.009006	-.000172
Stddev	.053212	.001502	.000345	.000148	.001113	.000344	.001029
%RSD	38.26710	47.70683	3.816754	848.7247	13.27474	3.820361	597.9184

#1	-.200435	-.004579	-.009330	.000067	-.009298	-.009355	-.000847
#2	-.105981	-.001584	-.009137	.000069	-.008707	-.008996	.001012
#3	-.110743	-.003284	-.008660	-.000188	-.007144	-.008667	-.000681

Sample Name: PB117367BL Acquired: 02/25/2019 13:10:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW367 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001247	-.005245	-.000100
Stddev	.003546	.001169	.000114
%RSD	284.2718	22.29137	114.3841

#1	-.005287	-.006406	-.000068
#2	.001350	-.004068	-.000005
#3	.000196	-.005259	-.000226

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.693	2238.537	26292.82	3357.183	2966.480
Stddev	4.647	8.174	186.35	16.314	9.239
%RSD	.3813145	.3651512	.7087353	.4859544	.3114604

#1	1213.943	2238.639	26356.68	3375.375	2960.967
#2	1218.906	2246.660	26082.94	3352.325	2977.147
#3	1223.230	2230.313	26438.84	3343.850	2961.326

Sample Name: K1554-02 Acquired: 02/25/2019 13:25:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762669	.0277501	-.001602	.0707363	.0000845	.4763480	-.003014
Stddev	.0021741	.0010663	.000441	.0017754	.0017459	.0059041	.000642
%RSD	2.850616	3.842429	27.56714	2.509813	2065.867	1.239452	21.29401

#1	.0783424	.0278135	-.002037	.0721102	.0020817	.4740800	-.003446
#2	.0764523	.0287833	-.001154	.0713671	-.000676	.4830499	-.003320
#3	.0740061	.0266536	-.001614	.0687317	-.001152	.4719143	-.002277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581485	.0000608	12.29917	.1124287	-.000480	.0906041	-.005151
Stddev	.0003627	.0000718	.19219	.0005148	.000112	.0015476	.015413
%RSD	.6238084	118.1399	1.562598	.4579241	23.39859	1.708102	299.1948

#1	.0579360	.0000051	12.38123	.1126292	-.000602	.0906849	-.011795
#2	.0585673	.0001418	12.43670	.1128131	-.000456	.0921097	.012469
#3	.0579422	.0000353	12.07957	.1118438	-.000381	.0890177	-.016129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358184	-.068134	-.000393	.0310594	15.67247	-.006720	-.013533
Stddev	.0014404	.028223	.000396	.0002084	.26331	.003689	.009853
%RSD	4.021280	41.42248	100.7266	.6709645	1.680103	54.89381	72.80861

#1	.0374194	-.094839	.000038	.0312954	15.68948	-.003829	-.016672
#2	.0346277	-.038606	-.000476	.0309821	15.92686	-.010874	-.002493
#3	.0354082	-.070958	-.000742	.0309008	15.40106	-.005457	-.021435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79371	-.001065	-.009852	-.000210	-.008679	-.008562	-.002487
Stddev	.15154	.003038	.000739	.000212	.000507	.000845	.000699
%RSD	1.098623	285.3256	7.505525	100.9210	5.836497	9.864743	28.08837

#1	13.65389	-.003111	-.009084	-.000448	-.009260	-.008583	-.002052
#2	13.95474	.002426	-.010559	-.000140	-.008454	-.007707	-.003293
#3	13.77250	-.002509	-.009913	-.000042	-.008325	-.009395	-.002116

Sample Name: K1554-02 Acquired: 02/25/2019 13:25:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002032	-.005939	.0015612
Stddev	.000357	.000810	.0000498
%RSD	17.56707	13.63568	3.186705

#1	-.002057	-.005345	.0015069
#2	-.002376	-.005611	.0016046
#3	-.001663	-.006862	.0015722

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.962	2224.940	26599.79	3403.217	2989.967
Stddev	5.062	5.646	104.81	21.316	8.666
%RSD	.4125425	.2537459	.3940210	.6263440	.2898324

#1	1226.674	2231.222	26616.93	3399.825	2999.845
#2	1232.162	2220.292	26694.97	3383.800	2986.411
#3	1222.051	2223.305	26487.47	3426.025	2983.645

Sample Name: K1554-01 Acquired: 02/25/2019 13:21:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0754470	.0281644	-.000640	.0682948	-.000538	.4892005	-.003135
Stddev	.0014847	.0021331	.000728	.0030713	.000826	.0102289	.000537
%RSD	1.967887	7.573675	113.8388	4.497121	153.6724	2.090937	17.12565

#1	.0746474	.0257186	-.001058	.0691953	-.001030	.5008612	-.003462
#2	.0745335	.0296398	.000201	.0708152	.000416	.4849980	-.003427
#3	.0771601	.0291347	-.001063	.0648739	-.000999	.4817422	-.002515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576519	-.000008	12.27627	.1121708	-.000352	.0910118	-.007239
Stddev	.0002628	.000058	.12667	.0017294	.000123	.0046729	.020302
%RSD	.4558725	735.8645	1.031858	1.541729	34.86718	5.134397	280.4411

#1	.0579062	-.000016	12.34996	.1124388	-.000494	.0936002	-.021107
#2	.0573813	.000054	12.13000	.1103230	-.000276	.0938177	-.016675
#3	.0576680	-.000061	12.34884	.1137505	-.000286	.0856174	.016064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374069	-.009709	-.000266	.0309553	15.57114	-.005342	-.002977
Stddev	.0011399	.063482	.000311	.0005179	.25618	.007181	.001336
%RSD	3.047165	653.8158	116.7147	1.672931	1.645222	134.4145	44.87057

#1	.0380058	.057316	.000058	.0312271	15.86626	-.012970	-.002046
#2	.0360924	-.017520	-.000561	.0312807	15.44103	-.004343	-.002378
#3	.0381224	-.068925	-.000296	.0303581	15.40611	.001287	-.004508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74316	-.002333	-.010149	-.000013	-.005293	-.009449	-.001750
Stddev	.07838	.000378	.000764	.000136	.004457	.000605	.000728
%RSD	.5702931	16.21838	7.526043	1044.477	84.19641	6.405370	41.59700

#1	13.79636	-.002090	-.010706	-.000098	-.003648	-.009036	-.001915
#2	13.65315	-.002769	-.010461	.000144	-.001893	-.009167	-.000954
#3	13.77996	-.002141	-.009278	-.000084	-.010339	-.010144	-.002381

Sample Name: K1554-01 Acquired: 02/25/2019 13:21:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001882	-.004647	.0015912
Stddev	.001190	.000389	.0001240
%RSD	63.22348	8.379055	7.790513

#1	-.003158	-.004459	.0016980
#2	-.000804	-.004387	.0016203
#3	-.001682	-.005094	.0014552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.350	2232.521	26579.68	3403.275	2996.190
Stddev	3.819	13.414	41.19	5.052	15.309
%RSD	.3111342	.6008369	.1549671	.1484356	.5109647

#1	1231.588	2239.295	26547.54	3397.525	3000.224
#2	1226.288	2241.197	26626.11	3405.300	3009.079
#3	1224.176	2217.071	26565.39	3407.000	2979.268

Sample Name: K1554-04LX5 Acquired: 02/25/2019 13:34:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MX2G07L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143231	.0031150	.0000105	.0159000	.0003395	.0932711	-.001942
Stddev	.0036566	.0017168	.0011973	.0013274	.0007447	.0085240	.000429
%RSD	25.52935	55.11190	11404.58	8.348678	219.3334	9.138924	22.09305

#1	.0113569	.0022600	-.001305	.0148795	-.000399	.0838329	-.001447
#2	.0132039	.0019937	.001036	.0174007	.000327	.1004085	-.002214
#3	.0184085	.0050914	.000301	.0154198	.001091	.0955718	-.002164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113486	.0000227	2.398869	.0208269	.0000559	.0205869	-.007624
Stddev	.0001520	.0000861	.041056	.0004580	.0001559	.0030297	.029007
%RSD	1.339517	378.9398	1.711478	2.198887	278.9182	14.71672	380.4574

#1	.0111767	.0000620	2.351796	.0210539	-.000092	.0239955	.007065
#2	.0114655	-.000076	2.427276	.0202997	.000040	.0182004	-.041037
#3	.0114036	.000082	2.417535	.0211270	.000219	.0195648	.011100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066447	-.036618	-.000196	.0064207	2.613353	-.000472	.0005376
Stddev	.0008374	.051704	.000451	.0003857	.207364	.005355	.0036770
%RSD	12.60320	141.2002	229.6684	6.006427	7.934796	1135.494	683.9733

#1	.0076117	-.094224	-.000172	.0068598	2.424937	-.005347	-.000763
#2	.0061587	-.021396	-.000659	.0061369	2.579598	-.001328	.004688
#3	.0061636	.005767	.000242	.0062653	2.835524	.005260	-.002313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.406600	-.003007	-.009555	-.000047	-.009414	-.008607	-.001231
Stddev	.067067	.002152	.001061	.000154	.000886	.000947	.001405
%RSD	2.786789	71.55479	11.09976	324.8655	9.410414	11.00096	114.0982

#1	2.340343	-.005453	-.008342	-.000215	-.009646	-.008724	-.002808
#2	2.474449	-.001409	-.010306	-.000014	-.010161	-.009490	-.000775
#3	2.405008	-.002159	-.010018	.000087	-.008435	-.007607	-.000111

Sample Name: K1554-04LX5 Acquired: 02/25/2019 13:34:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005373	-.003750	.0001936
Stddev	.0021286	.000481	.0000853
%RSD	396.1658	12.83522	44.05244

#1	.0016300	-.003395	.0002097
#2	-.001916	-.003558	.0002698
#3	.001898	-.004298	.0001015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.714	2224.029	26535.51	3393.992	2994.355
Stddev	11.915	6.139	114.80	23.815	8.807
%RSD	.9736517	.2760301	.4326136	.7016698	.2941036

#1	1219.476	2220.872	26488.70	3421.275	2989.184
#2	1214.497	2231.104	26451.52	3377.375	3004.523
#3	1237.168	2220.111	26666.32	3383.325	2989.358

Sample Name: K1554-03 Acquired: 02/25/2019 13:30:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MX2G07S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1135442	.0787873	.0163189	.1194678	.1033773	2.369681	1.995505
Stddev	.0024717	.0052453	.0008050	.0014099	.0013785	.009191	.013474
%RSD	2.176867	6.657540	4.932657	1.180116	1.333474	.3878551	.6752156

#1	.1163919	.0845037	.0154675	.1183392	.1027020	2.366322	1.997590
#2	.1119555	.0776625	.0164214	.1210482	.1024666	2.362642	1.981109
#3	.1122852	.0741956	.0170676	.1190161	.1049632	2.380079	2.007814

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079761	.0512007	12.32765	.3209951	.4960223	.3481286	1.098436
Stddev	.0011715	.0003825	.03765	.0011619	.0004859	.0066337	.022201
%RSD	1.084998	.7471415	.3053716	.3619537	.0979593	1.905547	2.021128

#1	.1087339	.0509117	12.34020	.3196595	.4957886	.3490281	1.096351
#2	.1085678	.0510559	12.35741	.3215533	.4956974	.3410910	1.121606
#3	.1066268	.0516345	12.28533	.3217726	.4965809	.3542667	1.077351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5555452	-.034507	.5106132	.0778844	15.68800	.5234258	.4810338
Stddev	.0041840	.081673	.0016461	.0003793	.21290	.0101560	.0307479
%RSD	.7531395	236.6874	.3223845	.4870702	1.357058	1.940298	6.392054

#1	.5597628	.052452	.5093931	.0774477	15.86530	.5129770	.4744077
#2	.5513956	-.109595	.5099610	.0781324	15.45188	.5332612	.4541392
#3	.5554772	-.046377	.5124855	.0780730	15.74682	.5240393	.5145547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.61144	-.004064	-.008551	-.000264	-.004644	-.007477	-.001647
Stddev	.03460	.001411	.000315	.000359	.001709	.000241	.000957
%RSD	.2541757	34.72988	3.687783	135.9399	36.79308	3.228786	58.08561

#1	13.59784	-.005383	-.008369	.000112	-.006553	-.007408	-.001396
#2	13.58571	-.004234	-.008915	-.000605	-.004123	-.007279	-.000841
#3	13.65077	-.002575	-.008368	-.000300	-.003257	-.007746	-.002704

Sample Name: K1554-03 Acquired: 02/25/2019 13:30:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MX2G07S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002211	-.005097	.0015517
Stddev	.000288	.001527	.0000534
%RSD	13.02238	29.95729	3.442375

#1	-.002513	-.006668	.0015123
#2	-.001940	-.003618	.0016125
#3	-.002179	-.005005	.0015302

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.511	2228.862	26492.13	3402.931	2985.710
Stddev	4.903	25.601	100.00	31.121	18.814
%RSD	.4020592	1.148602	.3774683	.9145346	.6301388

#1	1224.872	2249.815	26567.24	3382.149	2997.819
#2	1218.406	2236.446	26530.53	3387.934	2995.276
#3	1215.254	2200.327	26378.62	3438.711	2964.035

Sample Name: CCB038 Acquired: 02/25/2019 13:42:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006358	-.001495	-.000227	.0045602	-.000733	-.004342	-.003263
Stddev	.0021854	.002234	.001390	.0000914	.001424	.003768	.000787
%RSD	343.7239	149.4250	612.4165	2.005112	194.2829	86.77636	24.11015

#1	-.001167	-.003705	-.001643	.0044579	.000878	-.005988	-.003007
#2	.003066	.000761	-.000172	.0045887	-.001254	-.007007	-.002636
#3	.000008	-.001541	.001135	.0046339	-.001824	-.000031	-.004146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000784	.0000365	.0262019	.0001416	.0000556	.0023010	.0044690
Stddev	.0000206	.0001045	.0128217	.0003616	.0000106	.0025830	.0205828
%RSD	26.25202	286.1603	48.93423	255.3772	18.98054	112.2540	460.5674

#1	.0000766	.0000298	.0312928	.0001673	.0000608	-.000490	-.019264
#2	.0000587	-.000064	.0356964	.0004897	.0000434	.002786	.015232
#3	.0000997	.000144	.0116166	-.000232	.0000625	.004607	.017439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004653	-.060035	-.000488	.0009483	-.223389	-.011212	-.012983
Stddev	.0005771	.103321	.000157	.0003964	.055710	.000098	.007701
%RSD	124.0203	172.1023	32.10201	41.80015	24.93848	.8746801	59.31670

#1	-.000163	-.001568	-.000309	.0013792	-.159379	-.011199	-.007033
#2	.000587	.000796	-.000555	.0008667	-.260927	-.011120	-.021681
#3	.000972	-.179332	-.000599	.0005990	-.249861	-.011315	-.010235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.182650	-.003593	-.001107	-.000141	-.009059	-.008312	-.001107
Stddev	.088898	.002404	.000874	.000233	.002330	.000683	.000448
%RSD	48.67104	66.90324	78.95178	165.0552	25.71844	8.218491	40.50591

#1	-.236651	-.006349	-.000101	-.000022	-.010164	-.007553	-.001278
#2	-.231252	-.001925	-.001536	-.000410	-.010630	-.008877	-.000598
#3	-.080047	-.002507	-.001682	.000008	-.006382	-.008506	-.001445

Sample Name: CCB038 Acquired: 02/25/2019 13:42:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002400	-.002131	.0000405
Stddev	.000899	.003147	.0000815
%RSD	37.43927	147.7057	201.1242

#1	-.001887	-.003606	-.000003
#2	-.003438	.001483	.000135
#3	-.001876	-.004269	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.279	2211.417	26176.25	3378.025	2945.368
Stddev	.916	9.376	131.05	48.613	10.481
%RSD	.0755413	.4239721	.5006294	1.439101	.3558517

#1	1212.996	2217.946	26121.28	3425.700	2953.632
#2	1211.247	2215.631	26325.83	3328.525	2948.893
#3	1212.593	2200.673	26081.64	3379.850	2933.578

Sample Name: CCV038 Acquired: 02/25/2019 13:38:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.098591	4.970944	24.10797	5.272892	5.290790	418.0471
Stddev	.030130	.039290	.11462	.035611	.023788	1.3168
%RSD	.5909568	.7903927	.4754444	.6753679	.4496044	.3149962

#1	5.088709	4.952979	24.05822	5.244833	5.275516	418.5354
#2	5.074643	4.943848	24.02663	5.260888	5.278657	416.5559
#3	5.132422	5.016005	24.23906	5.312954	5.318198	419.0502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.888335	.5114082	2.511734	405.6865	15.09003	2.510005
Stddev	.054785	.0041729	.014120	1.7091	.04927	.010548
%RSD	.5540388	.8159697	.5621440	.4212939	.3264739	.4202524

#1	9.951126	.5129889	2.503333	405.8348	15.13853	2.505655
#2	9.850276	.5066758	2.503834	403.9081	15.04003	2.502326
#3	9.863603	.5145599	2.528035	407.3167	15.09154	2.522032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04325	424.0959	14.61003	425.3817	2.504837	1.212235
Stddev	.06494	2.3515	.08663	1.7899	.011635	.007852
%RSD	.4316638	.5544721	.5929749	.4207861	.4644903	.6477489

#1	15.11746	422.9646	14.61078	424.5605	2.495818	1.215887
#2	14.99685	422.5239	14.52302	424.1496	2.500723	1.217597
#3	15.01545	426.7992	14.69629	427.4349	2.517970	1.203222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	409.2315	2.493526	14.87710	151.8418	F 5.502260	5.219799
Stddev	1.7487	.012282	.03861	.4314	.031906	.041082
%RSD	.4273084	.4925660	.2595305	.2840980	.5798669	.7870392

#1	409.8476	2.483727	14.90727	152.3396	5.468358	5.223964
#2	407.2581	2.489547	14.89043	151.6081	5.506723	5.176793
#3	410.5887	2.507305	14.83358	151.5777	5.531700	5.258640

Sample Name: CCV038 Acquired: 02/25/2019 13:38:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v798) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.289810	5.254391	4.968532	5.055896	4.822551	5.053105
Stddev	.029916	.037359	.045119	.026170	.024101	.016622
%RSD	.5655417	.7110098	.9081044	.5176147	.4997600	.3289432
#1	5.270755	5.228584	4.965161	5.035205	4.848252	5.069100
#2	5.274385	5.237357	4.925193	5.047168	4.800456	5.035920
#3	5.324291	5.297231	5.015243	5.085315	4.818946	5.054296

Elem	Sr4077
Units	ppm
Avg	4.967689
Stddev	.028788
%RSD	.5795033
#1	5.000870
#2	4.949363
#3	4.952834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.596	1870.544	24748.15	3226.720	2363.704
Stddev	6.694	8.300	87.44	11.267	9.842
%RSD	.6457452	.4437236	.3533105	.3491782	.4163842
#1	1043.692	1873.976	24846.22	3231.072	2365.499
#2	1030.395	1876.578	24678.33	3235.162	2372.524
#3	1035.699	1861.078	24719.88	3213.926	2353.087