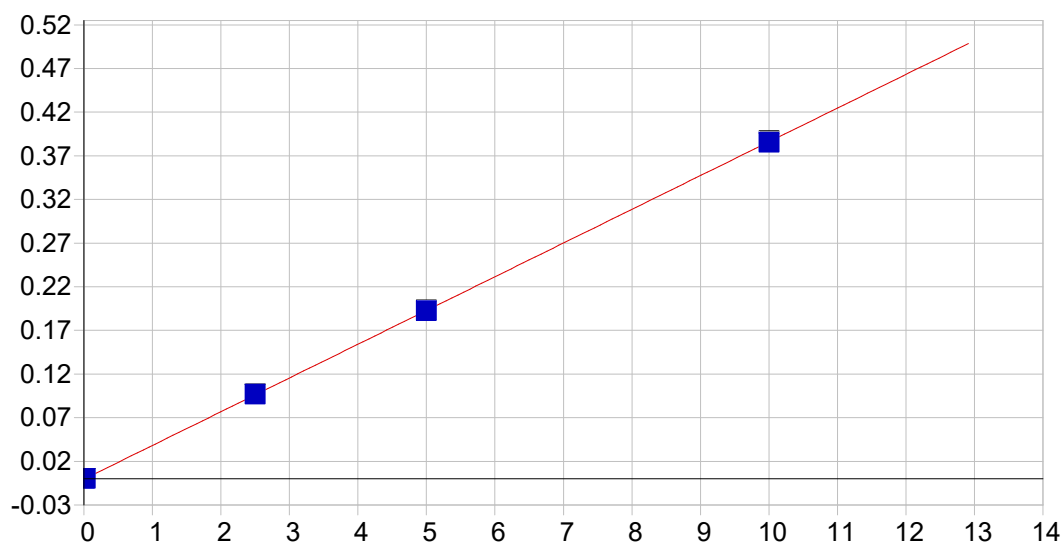


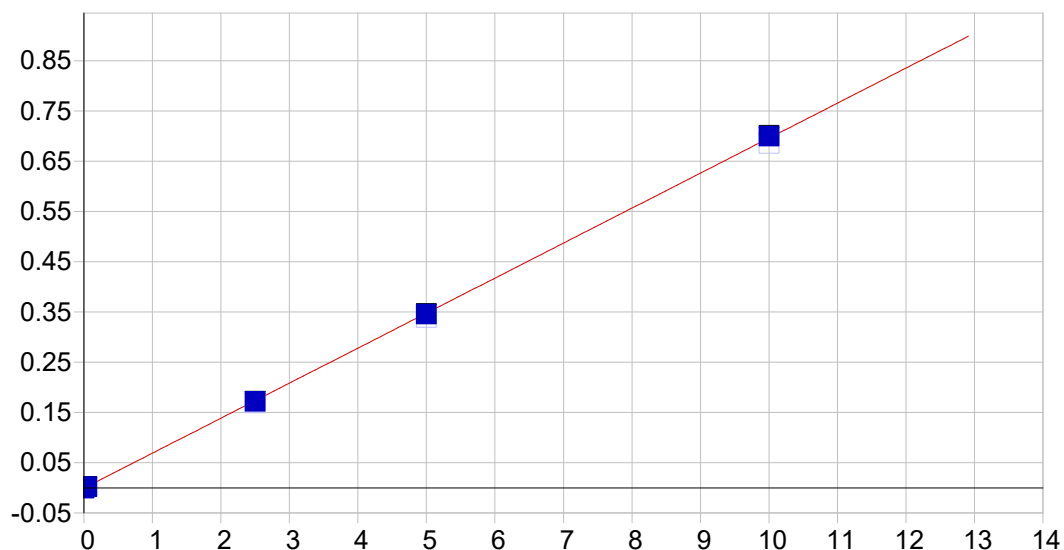


As 189.042 {479}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000440	Re-Slope:	1.000000
A1 (Gain):	0.038644	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.003882		
Predicted MQL:	0.012939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00044	.000	1
S1	.02000	.02182	.002	9.08	.00041	.000	1
S3	2.5000	2.5189	.019	.756	.09703	.000	1
S4	5.0000	4.9940	-.006	-.119	.19280	.001	1
S5	10.000	9.9852	-.015	-.148	.38593	.001	1

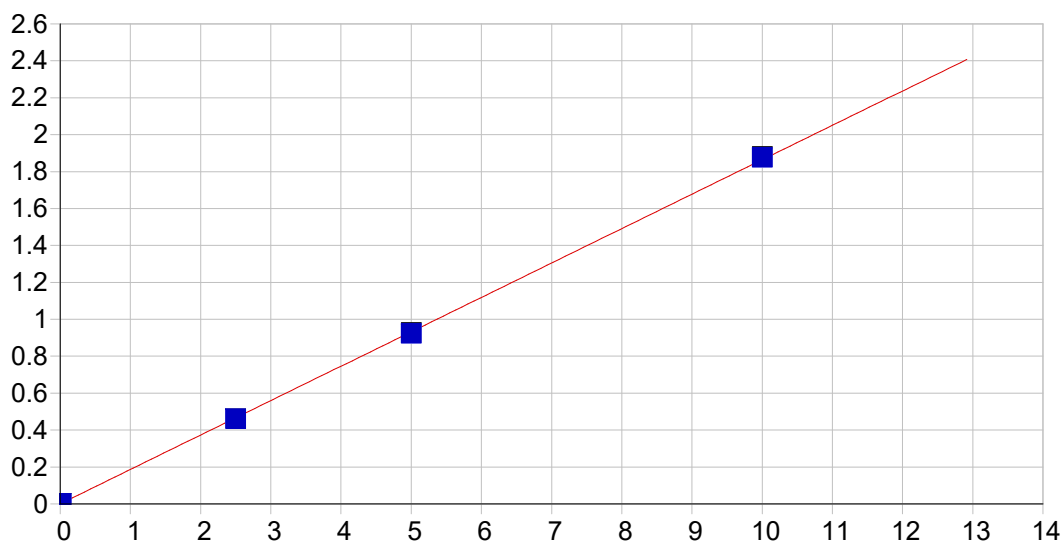


TI 190.856 {477}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000766 Re-Slope: 1.000000
 A1 (Gain): 0.069684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002203
 Predicted MQL: 0.007342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.04000	.04001	.000	.030	.00191	.000	1
S3	2.5000	2.4779	-.022	-.883	.16827	.000	1
S4	5.0000	4.9726	-.027	-.549	.33846	.001	1
S5	10.000	10.050	.050	.495	.68497	.002	1

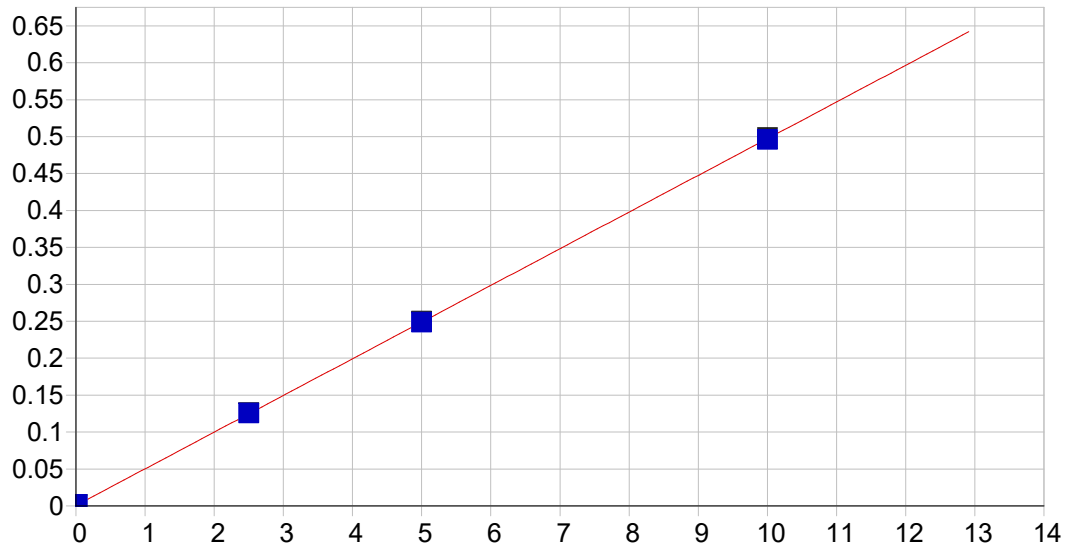


Pb 220.353 {453}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.186377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001889
 Predicted MQL: 0.006297

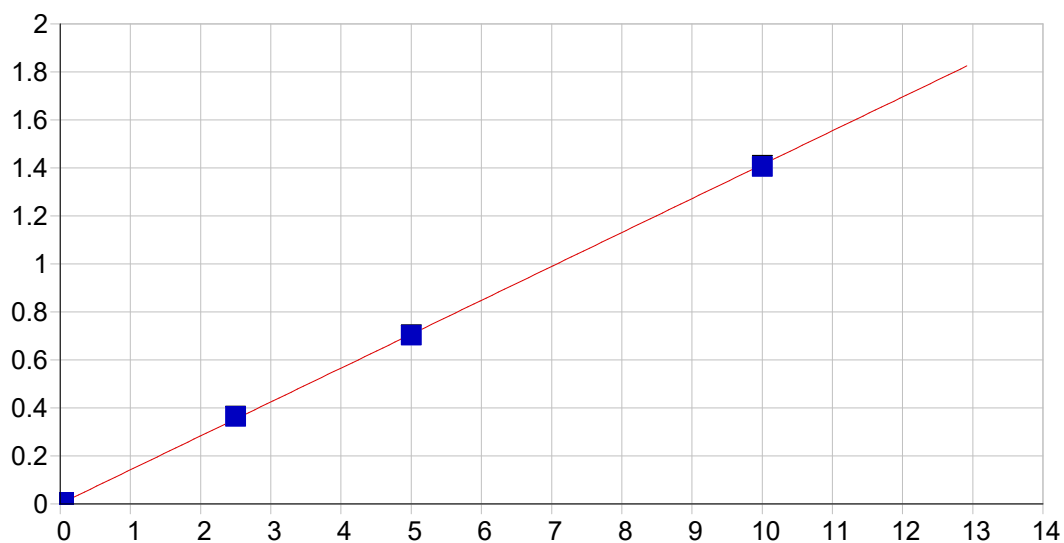
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.01200	.01297	.001	8.07	.00263	.000	1
S3	2.5000	2.4721	-.028	-1.12	.46035	.000	1
S4	5.0000	4.9546	-.045	-.907	.92239	.004	1
S5	10.000	10.072	.072	.723	1.8749	.003	1

**Se 196.090 {472}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000546 Re-Slope: 1.000000
 A1 (Gain): 0.049664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.003469
 Predicted MQL: 0.011564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00055	.000	1
S1	.02000	.02105	.001	5.27	.00159	.000	1
S3	2.5000	2.5194	.019	.775	.12566	.001	1
S4	5.0000	4.9985	-.001	-.029	.24878	.001	1
S5	10.000	9.9810	-.019	-.190	.49621	.002	1

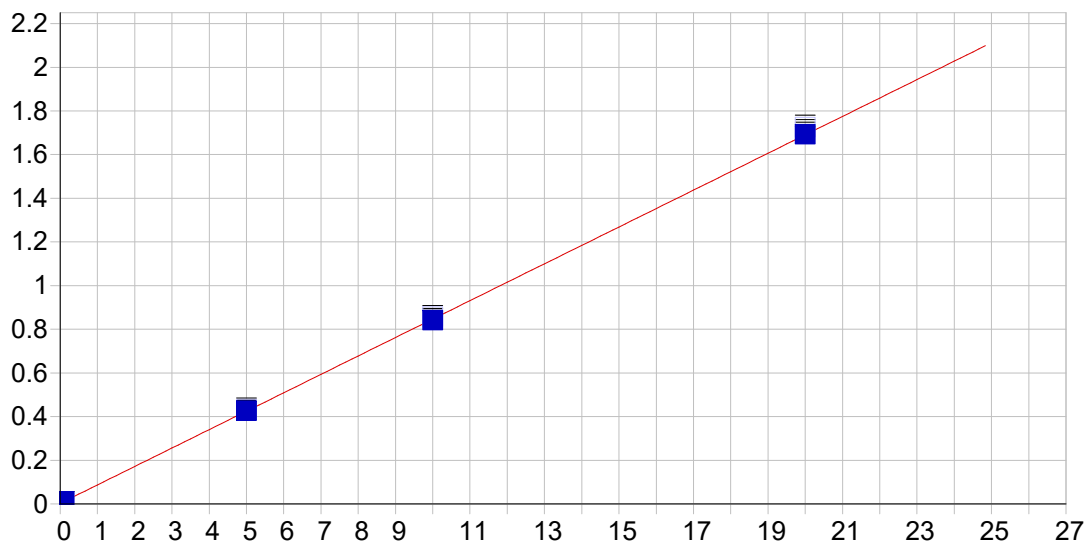


Sb 206.833 {463}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000681 Re-Slope: 1.000000
 A1 (Gain): 0.141257 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001787
 Predicted MQL: 0.005956

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.05000	.05360	.004	7.20	.00823	.000	1
S3	2.5000	2.5766	.077	3.06	.36460	.001	1
S4	5.0000	4.9737	-.026	-.526	.70318	.001	1
S5	10.000	9.9461	-.054	-.539	1.4055	.005	1

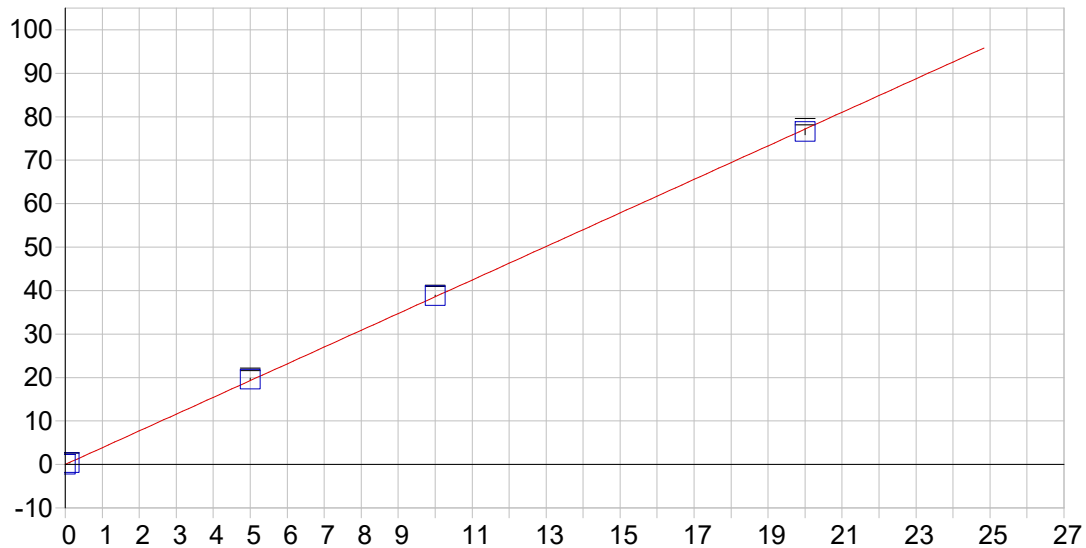


AI 396.152 { 85}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002703 Re-Slope: 1.000000
 A1 (Gain): 0.084391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.010388
 Predicted MQL: 0.034627

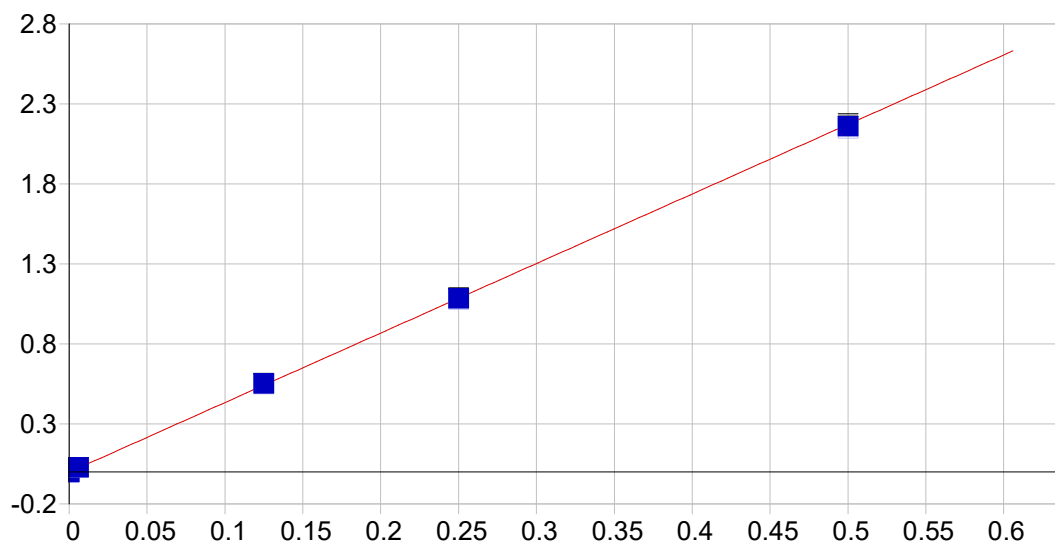
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00270	.001	1
S1	.10000	.10493	.005	4.93	.01219	.000	1
S3	5.0000	5.0219	.022	.438	.43435	.006	1
S4	10.000	9.9365	-.064	-.635	.85693	.007	1
S5	20.000	20.036	.036	.182	1.7250	.010	1

**Ba 493.409 { 68}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003207 Re-Slope: 1.000000
 A1 (Gain): 3.858102 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.002721
 Predicted MDL: 0.000533
 Predicted MQL: 0.001778

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00323	.001	1
S1	.10000	.10473	.005	4.73	.40087	.003	1
S3	5.0000	5.0792	.079	1.58	19.593	.272	1
S4	10.000	10.064	.064	.642	38.825	.150	1
S5	20.000	19.852	-.148	-.741	76.587	.752	1

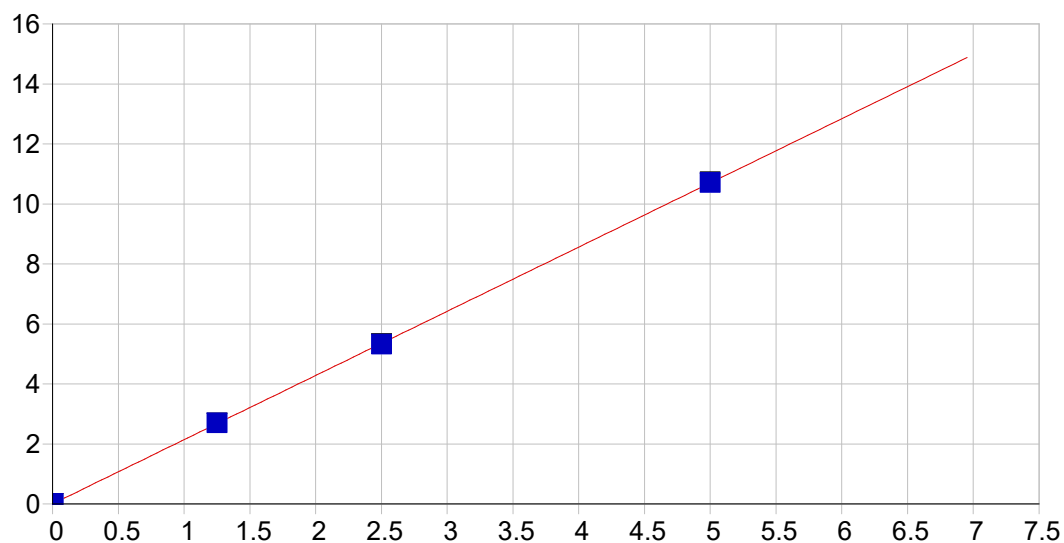


Be 234.861 {144}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001421 Re-Slope: 1.000000
 A1 (Gain): 4.346033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.000073
 Predicted MQL: 0.000243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00142	.000	1
S1	.00600	.00667	.001	11.1	.02726	.000	1
S3	.12500	.12735	.002	1.88	.54838	.002	1
S4	.25000	.24962	-.000	-.151	1.0761	.005	1
S5	.50000	.49737	-.003	-.527	2.1456	.015	1

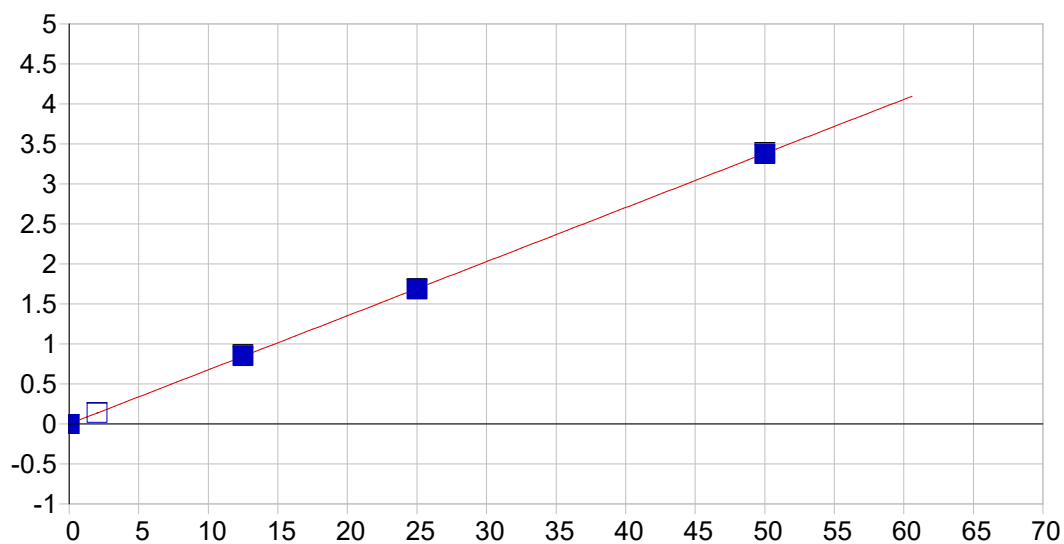


Cd 214.438 {457}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000184 Re-Slope: 1.000000
 A1 (Gain): 2.139999 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.000104
 Predicted MQL: 0.000345

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.00600	.00656	.001	9.27	.01422	.000	1
S3	1.2500	1.2585	.009	.682	2.6936	.008	1
S4	2.5000	2.4891	-.011	-.436	5.3272	.014	1
S5	5.0000	5.0018	.002	.036	10.705	.030	1

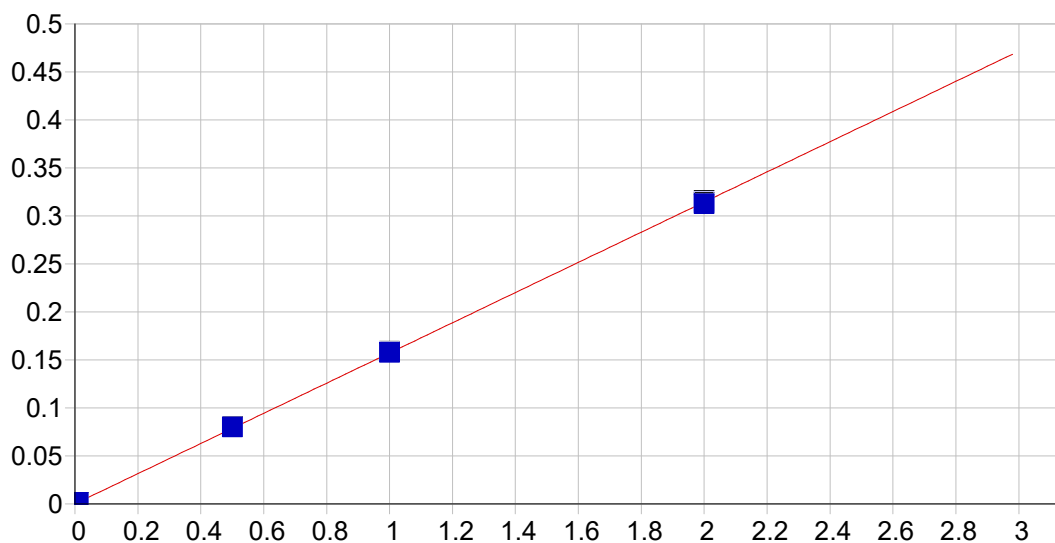


Ca 373.690 {90}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.067601 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000263
 Predicted MDL: 0.011299
 Predicted MQL: 0.037665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00023	.000	1
S2	2.0000	2.0839	.084	4.19	.14111	.001	1
S3	12.500	12.573	.073	.583	.84983	.014	1
S4	25.000	24.882	-.118	-.471	1.6816	.006	1
S5	50.000	49.961	-.039	-.078	3.3763	.016	1

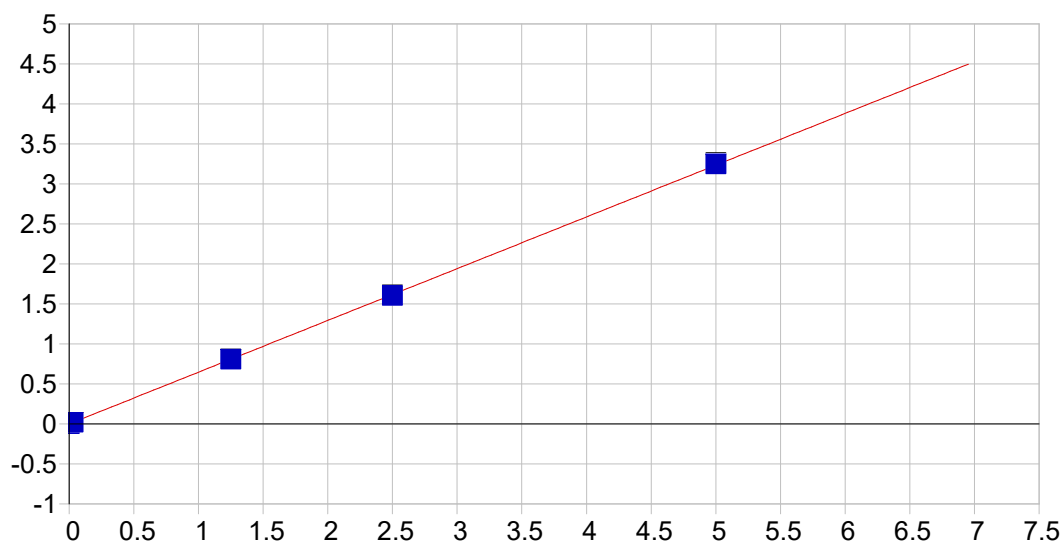


Cr 267.716 {126}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.157176 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000516
 Predicted MQL: 0.001720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01044	.000	4.39	.00174	.000	1
S3	.50000	.50750	.008	1.50	.08040	.000	1
S4	1.0000	1.0027	.003	.273	.15879	.000	1
S5	2.0000	1.9893	-.011	-.534	.31497	.001	1

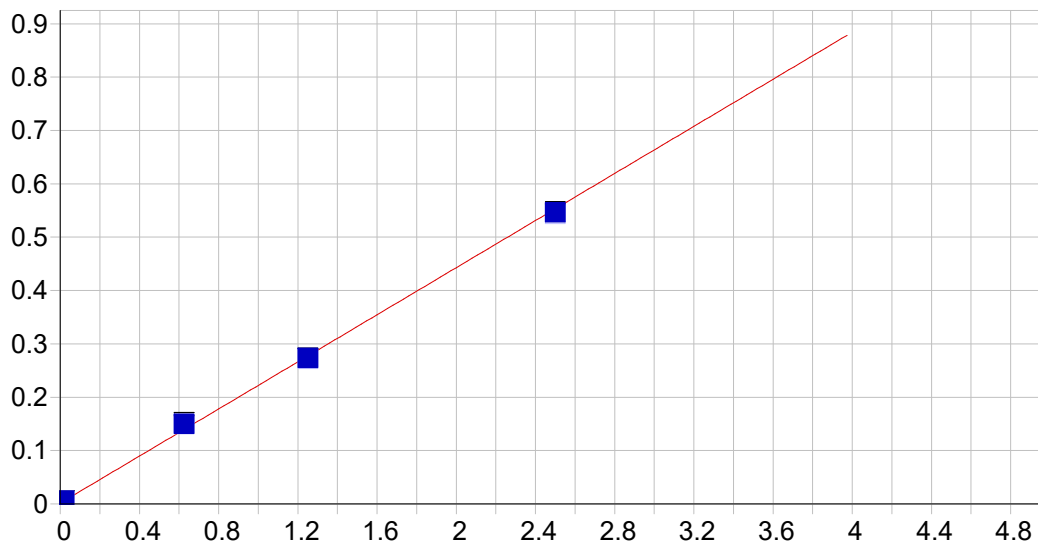


Co 228.616 {448}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.646850 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000328
 Predicted MQL: 0.001094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.03000	.03153	.002	5.10	.02034	.000	1
S3	1.2500	1.2463	-.004	-.297	.80785	.002	1
S4	2.5000	2.4780	-.022	-.878	1.6063	.004	1
S5	5.0000	5.0241	.024	.483	3.2566	.009	1

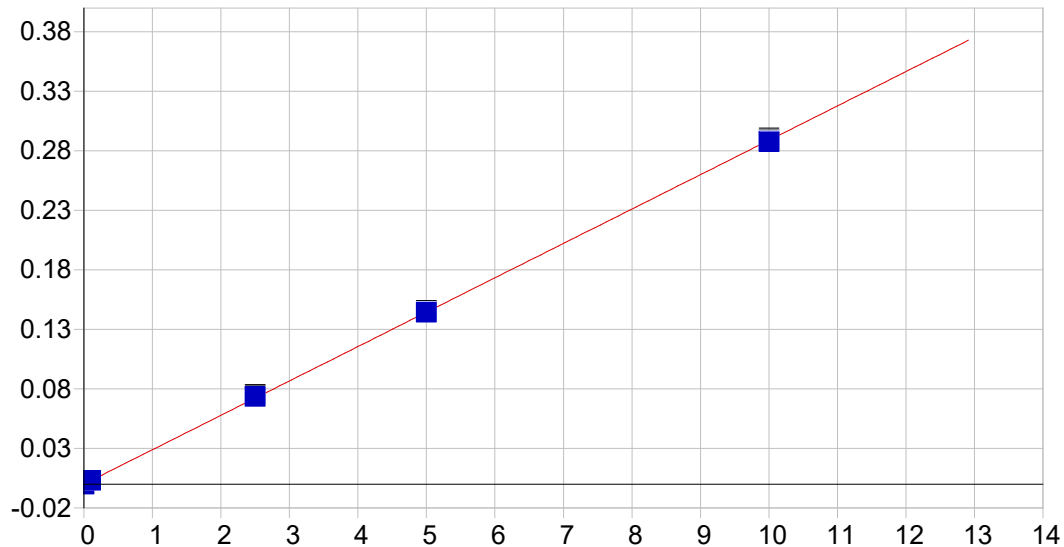


Cu 324.754 {104}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001466 Re-Slope: 1.000000
 A1 (Gain): 0.220727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.002312
 Predicted MQL: 0.007707

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.000	1
S1	.02000	.02090	.001	4.48	.00607	.000	1
S3	.62500	.67262	.048	7.62	.14921	.003	1
S4	1.2500	1.2319	-.018	-1.45	.27192	.000	1
S5	2.5000	2.4696	-.030	-1.22	.54368	.001	1

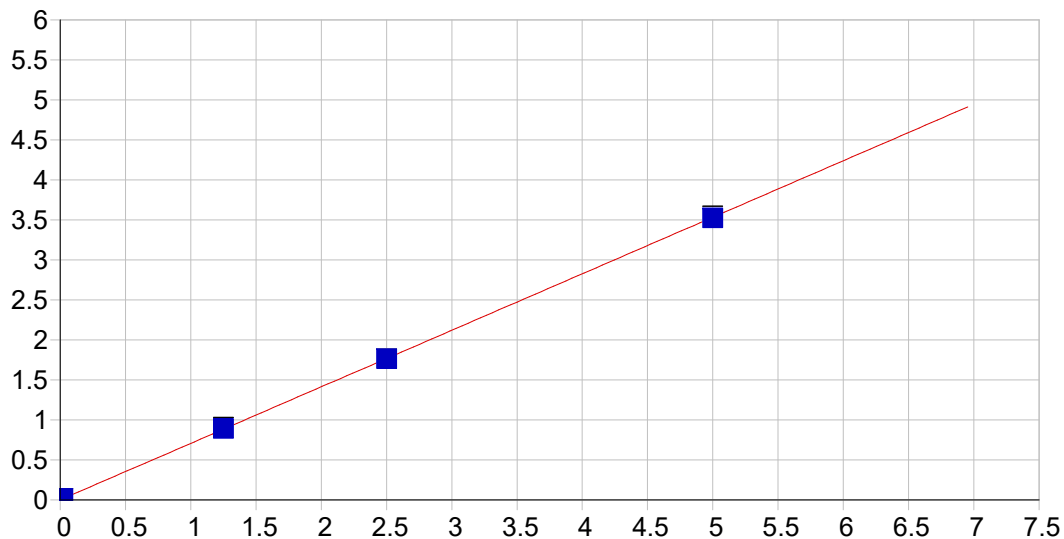


Fe 259.837 {130}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.028886 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.008240
 Predicted MQL: 0.027467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.10954	.010	9.54	.00319	.000	1
S3	2.5000	2.5432	.043	1.73	.07384	.001	1
S4	5.0000	4.9947	-.005	-.106	.14500	.001	1
S5	10.000	9.9526	-.047	-.474	.28893	.002	1

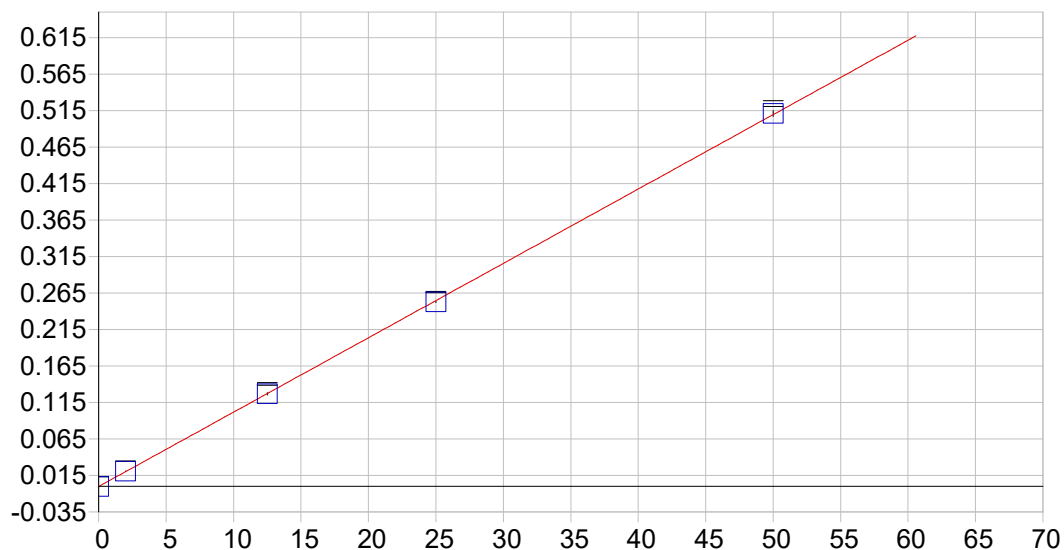


Mn 257.610 {131}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335 Re-Slope: 1.000000
A1 (Gain): 0.706554 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999976 Status: OK.
Std Error of Est: 0.000084
Predicted MDL: 0.000388
Predicted MQL: 0.001295

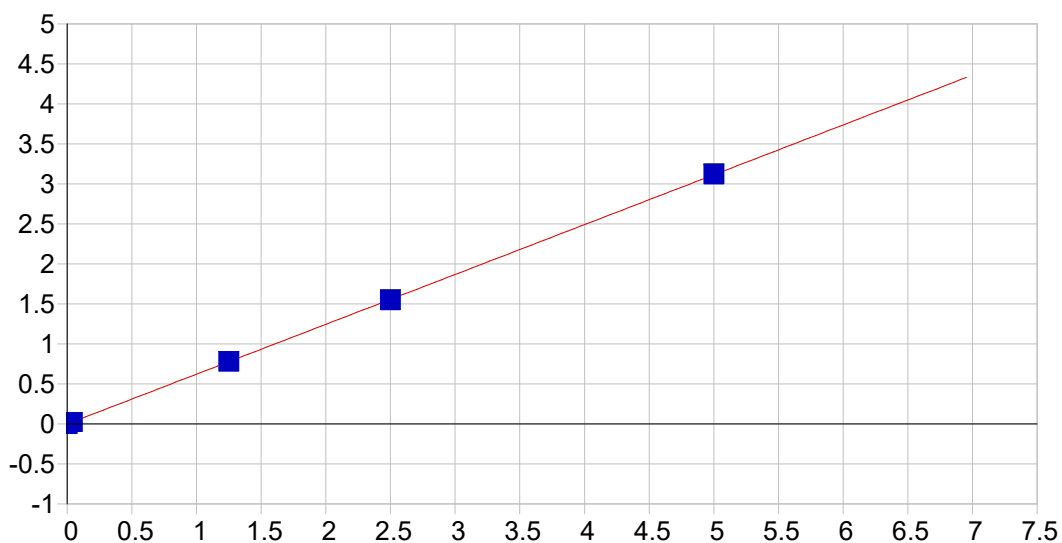
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.02000	.02230	.002	11.5	.01609	.000	1
S3	1.2500	1.2627	.013	1.02	.89267	.014	1
S4	2.5000	2.4960	-.004	-.160	1.7642	.004	1
S5	5.0000	4.9890	-.011	-.220	3.5260	.022	1

**Mg 279.079 {121}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000252 Re-Slope: 1.000000
A1 (Gain): 0.010194 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999973 Status: OK.
Std Error of Est: 0.000041
Predicted MDL: 0.028196
Predicted MQL: 0.093985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00025	.000	1
S2	2.0000	2.0719	.072	3.59	.02087	.000	1
S3	12.500	12.469	-.031	-.246	.12686	.002	1
S4	25.000	24.801	-.199	-.797	.25257	.001	1
S5	50.000	50.158	.158	.316	.51106	.004	1

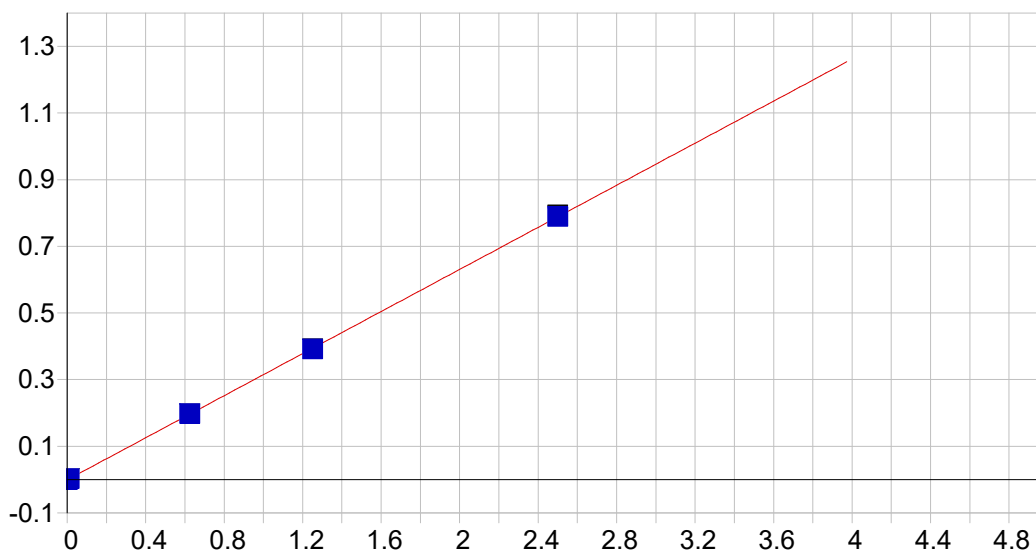


Ni 231.604 {446}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001218 Re-Slope: 1.000000
 A1 (Gain): 0.623097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000443
 Predicted MQL: 0.001478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00122	.000	1
S1	.04000	.04316	.003	7.90	.02570	.000	1
S3	1.2500	1.2518	.002	.147	.77955	.001	1
S4	2.5000	2.4850	-.015	-.601	1.5487	.005	1
S5	5.0000	5.0100	.010	.201	3.1235	.006	1

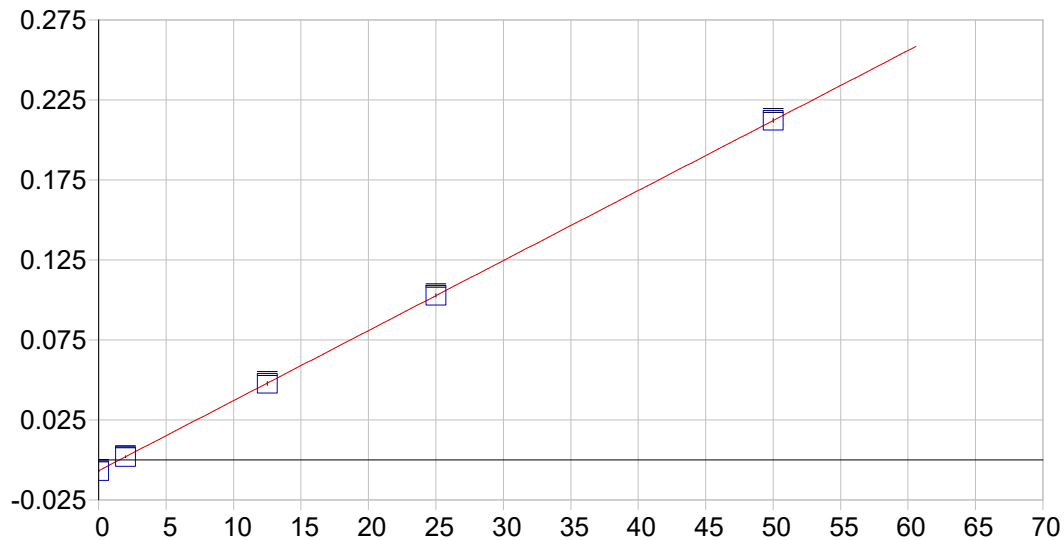


Ag 328.068 {103}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000815 Re-Slope: 1.000000
 A1 (Gain): 0.315722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.000472
 Predicted MQL: 0.001574

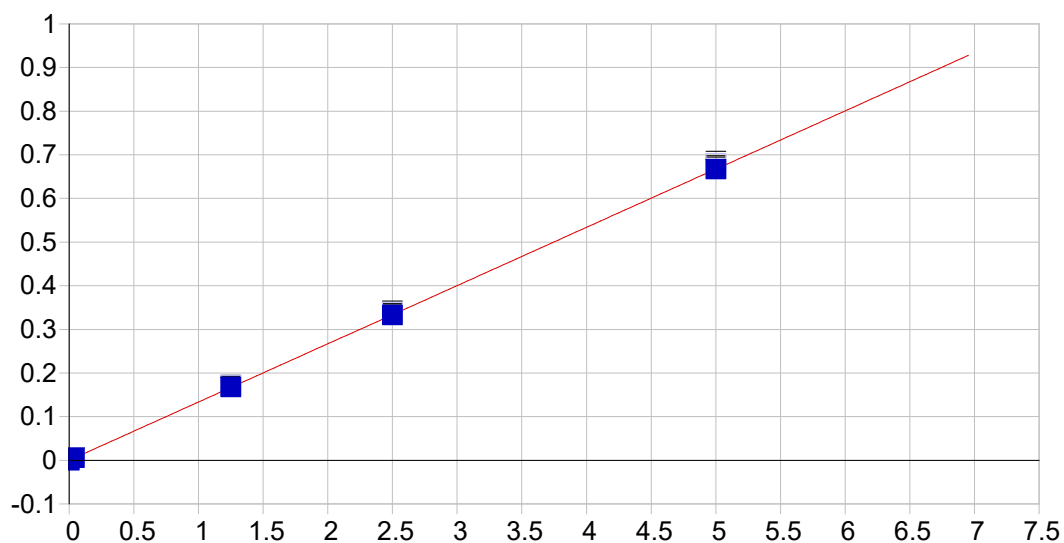
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00081	.000	1
S1	.01000	.01039	.000	3.88	.00246	.000	1
S3	.62500	.62807	.003	.491	.19731	.001	1
S4	1.2500	1.2429	-.007	-.566	.39126	.001	1
S5	2.5000	2.5036	.004	.145	.78894	.004	1

**Na 818.326 { 41}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006719 Re-Slope: 1.000000
 A1 (Gain): 0.004377 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.291361
 Predicted MQL: 0.971202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00672	.001	1
S2	2.0000	1.9896	-.010	-.519	.00199	.001	1
S3	12.500	12.457	-.043	-.344	.04780	.001	1
S4	25.000	25.036	.036	.145	.10285	.001	1
S5	50.000	50.017	.017	.035	.21218	.001	1

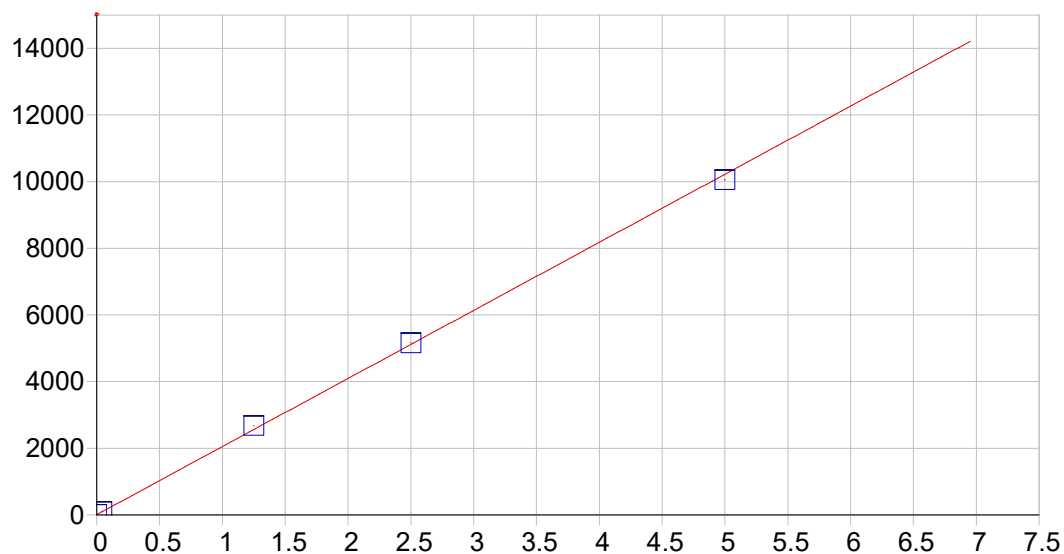


V 292.402 {115}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.133439 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002801
 Predicted MQL: 0.009336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.04000	.04330	.003	8.24	.00606	.000	1
S3	1.2500	1.2590	.009	.721	.17134	.001	1
S4	2.5000	2.4903	-.010	-.387	.33897	.003	1
S5	5.0000	4.9973	-.003	-.055	.68014	.005	1

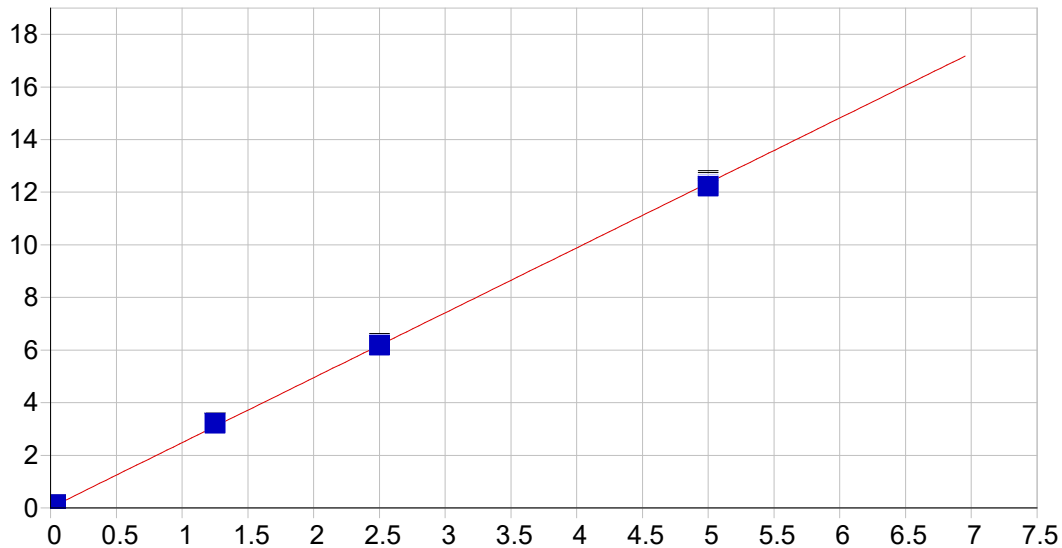


Zn 206.200 {464}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 7.389951 Re-Slope: 1.000000
 A1 (Gain): 2043.387108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734 Status: OK.
 Std Error of Est: 1.140583
 Predicted MDL: 0.000297
 Predicted MQL: 0.000989

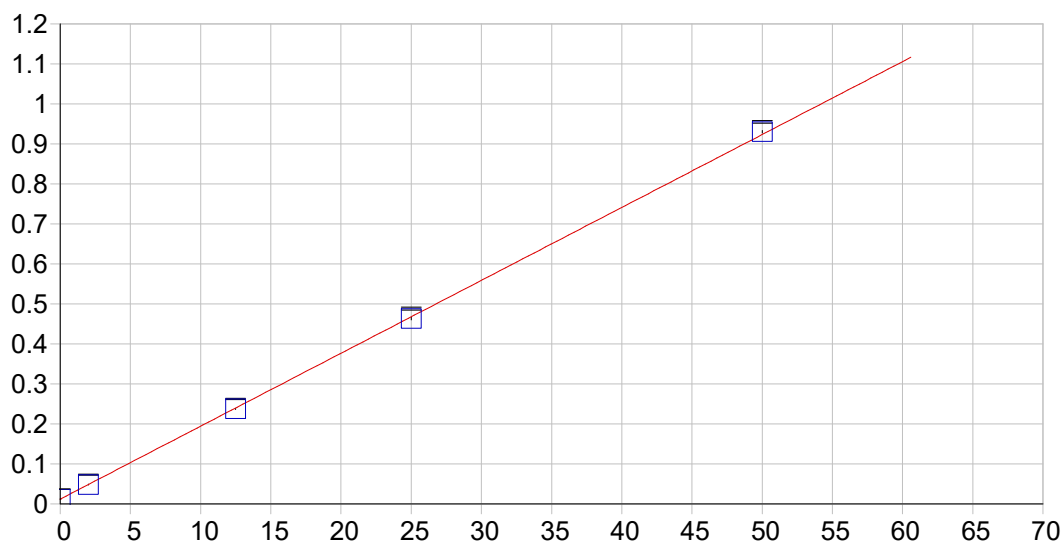
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	7.3768	.137	1
S1	.04000	.04496	.005	12.4	99.259	.607	1
S3	1.2500	1.3064	.056	4.51	2676.8	4.98	1
S4	2.5000	2.5207	.021	.829	5158.2	4.52	1
S5	5.0000	4.9179	-.082	-1.64	10057.	7.58	1

**Zn 213.856 {158}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011563 Re-Slope: 1.000000
 A1 (Gain): 2.468328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.001079
 Predicted MDL: 0.000372
 Predicted MQL: 0.001241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01155	.001	1
S1	.04000	.04452	.005	11.3	.12202	.001	1
S3	1.2500	1.2982	.048	3.85	3.2332	.019	1
S4	2.5000	2.4973	-.003	-.107	6.2105	.039	1
S5	5.0000	4.9500	-.050	-1.000	12.299	.146	1

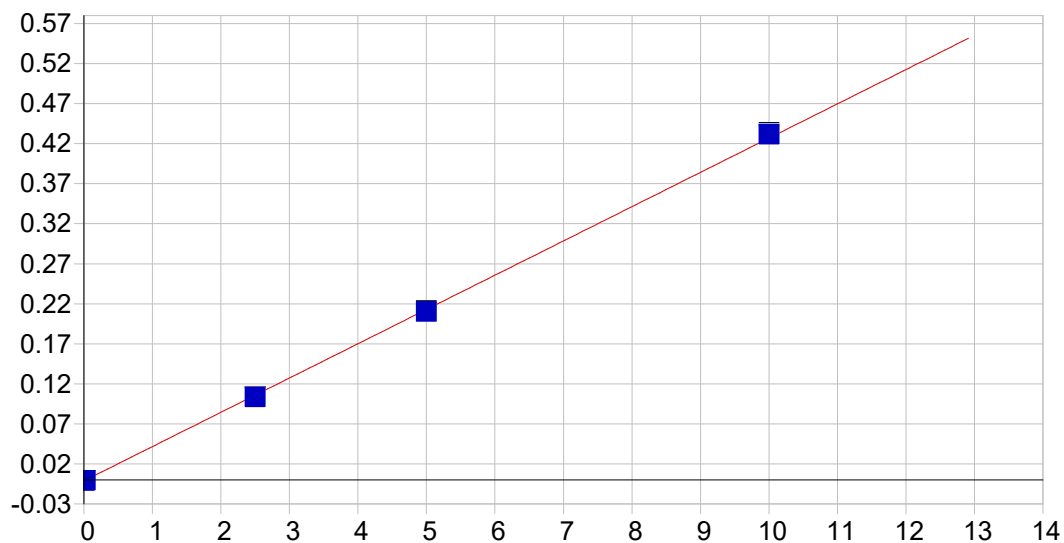


K 769.896 { 44}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012090 Re-Slope: 1.000000
 A1 (Gain): 0.018226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000086
 Predicted MDL: 0.077778
 Predicted MQL: 0.259261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.01209	.001	1
S2	2.0000	1.9834	-.017	-.829	.04824	.001	1
S3	12.500	12.375	-.125	-.996	.23765	.002	1
S4	25.000	24.757	-.243	-.971	.46333	.004	1
S5	50.000	50.384	.384	.767	.93041	.003	1

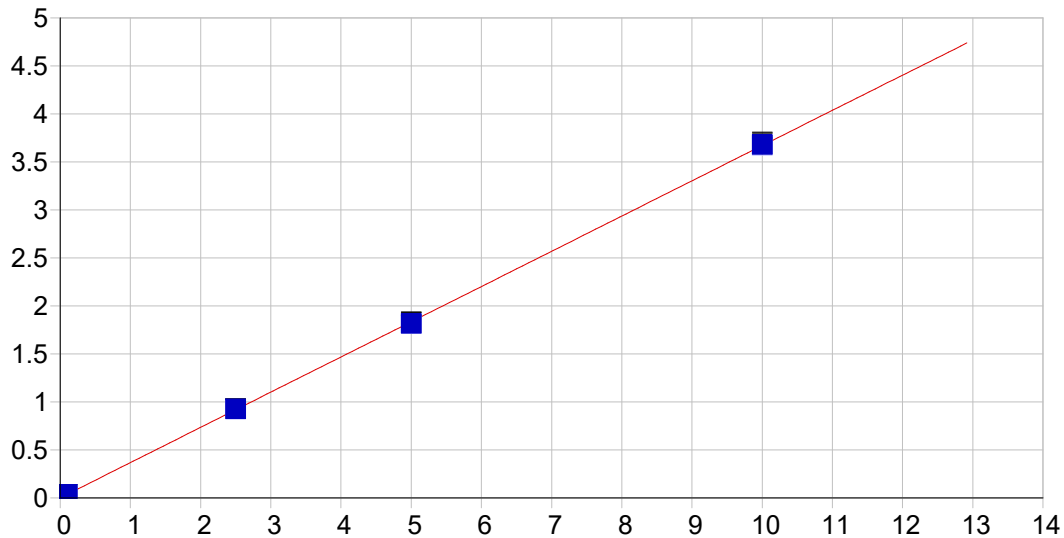


P 177.495 {490}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001206 Re-Slope: 1.000000
 A1 (Gain): 0.042814 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.002856
 Predicted MQL: 0.009521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.02000	.01868	-.001	-6.61	-.00040	.000	1
S3	2.5000	2.4504	-.050	-1.98	.10395	.000	1
S4	5.0000	4.9358	-.064	-1.28	.21061	.001	1
S5	10.000	10.115	.115	1.15	.43285	.001	1

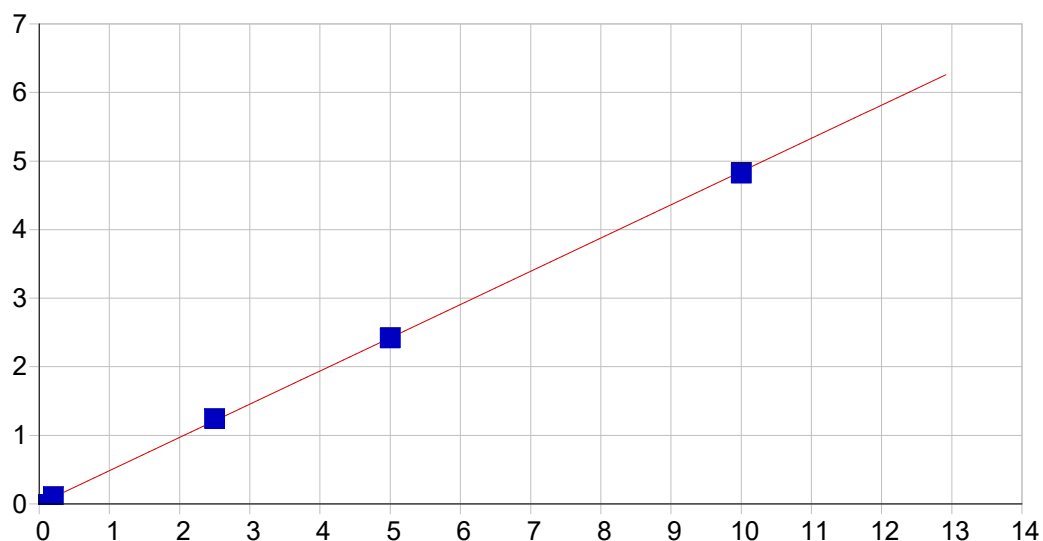


B 249.678 {135}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000644 Re-Slope: 1.000000
 A1 (Gain): 0.366897 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.001037
 Predicted MQL: 0.003456

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.10000	.10418	.004	4.18	.03873	.000	1
S3	2.5000	2.5207	.021	.827	.92338	.004	1
S4	5.0000	4.9505	-.049	-.990	1.8128	.016	1
S5	10.000	10.025	.025	.246	3.6703	.028	1

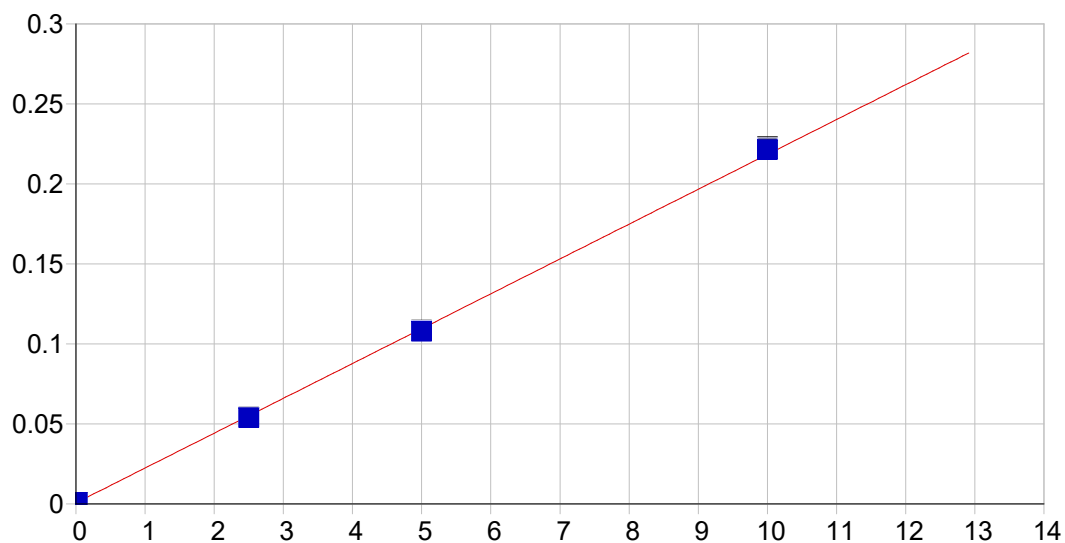


Mo 202.030 {467}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.484518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.000403
 Predicted MQL: 0.001344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00054	.000	1
S1	.20000	.20999	.010	5.00	.10230	.001	1
S3	2.5000	2.5606	.061	2.43	1.2415	.003	1
S4	5.0000	4.9834	-.017	-.332	2.4156	.005	1
S5	10.000	9.9460	-.054	-.540	4.8206	.011	1

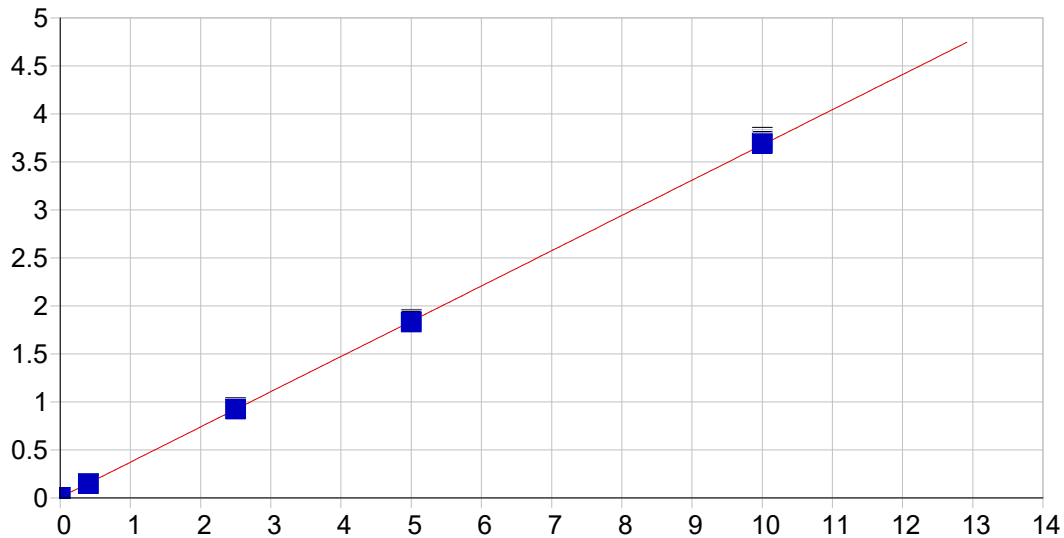


S 182.034 {485}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000655 Re-Slope: 1.000000
 A1 (Gain): 0.021777 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.005436
 Predicted MQL: 0.018119

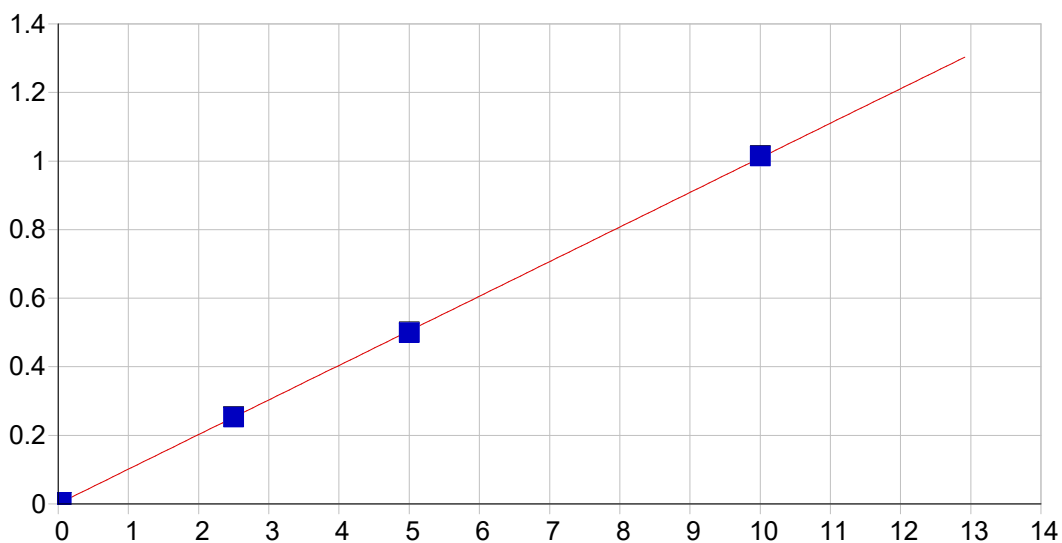
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.02000	.01617	-.004	-19.2	.00100	.000	1
S3	2.5000	2.4435	-.057	-2.26	.05412	.000	1
S4	5.0000	4.9215	-.079	-1.57	.10835	.000	1
S5	10.000	10.139	.139	1.39	.22248	.001	1

**Si 251.611 {134}**

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004866 Re-Slope: 1.000000
 A1 (Gain): 0.367139 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.001045
 Predicted MQL: 0.003483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00487	.000	1
S1	.40000	.38569	-.014	-3.58	.14717	.001	1
S3	2.5000	2.5032	.003	.128	.93469	.005	1
S4	5.0000	4.9736	-.026	-5.27	1.8525	.008	1
S5	10.000	10.037	.037	.374	3.7332	.023	1

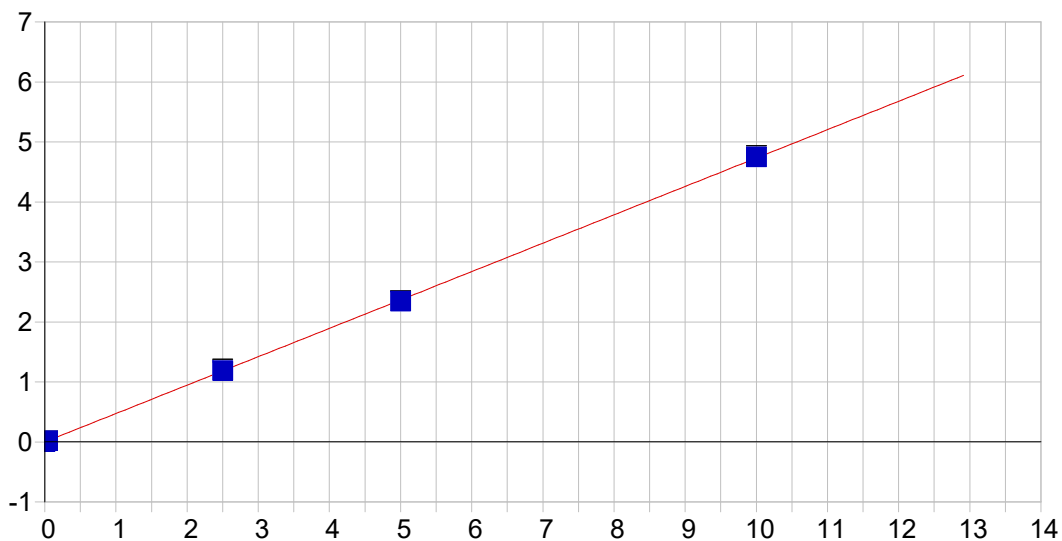


Sn 189.989 {478}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000454 Re-Slope: 1.000000
 A1 (Gain): 0.100879 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001267
 Predicted MQL: 0.004224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.04000	.03873	-.001	-3.19	.00436	.000	1
S3	2.5000	2.5046	.005	.184	.25292	.001	1
S4	5.0000	4.9474	-.053	-1.05	.49914	.002	1
S5	10.000	10.049	.049	.493	1.0134	.002	1

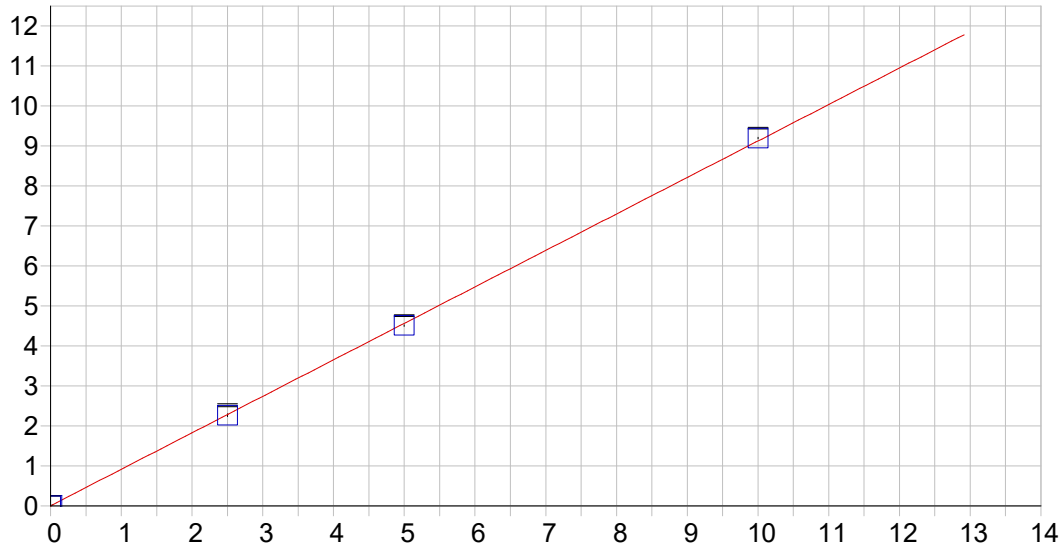


TI 336.121 {100}

Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.473106 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.001185
 Predicted MQL: 0.003950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.001	1
S1	.04000	.04103	.001	2.57	.01935	.000	1
S3	2.5000	2.5111	.011	.444	1.1876	.026	1
S4	5.0000	4.9547	-.045	-.907	2.3432	.010	1
S5	10.000	10.033	.033	.332	4.7451	.023	1

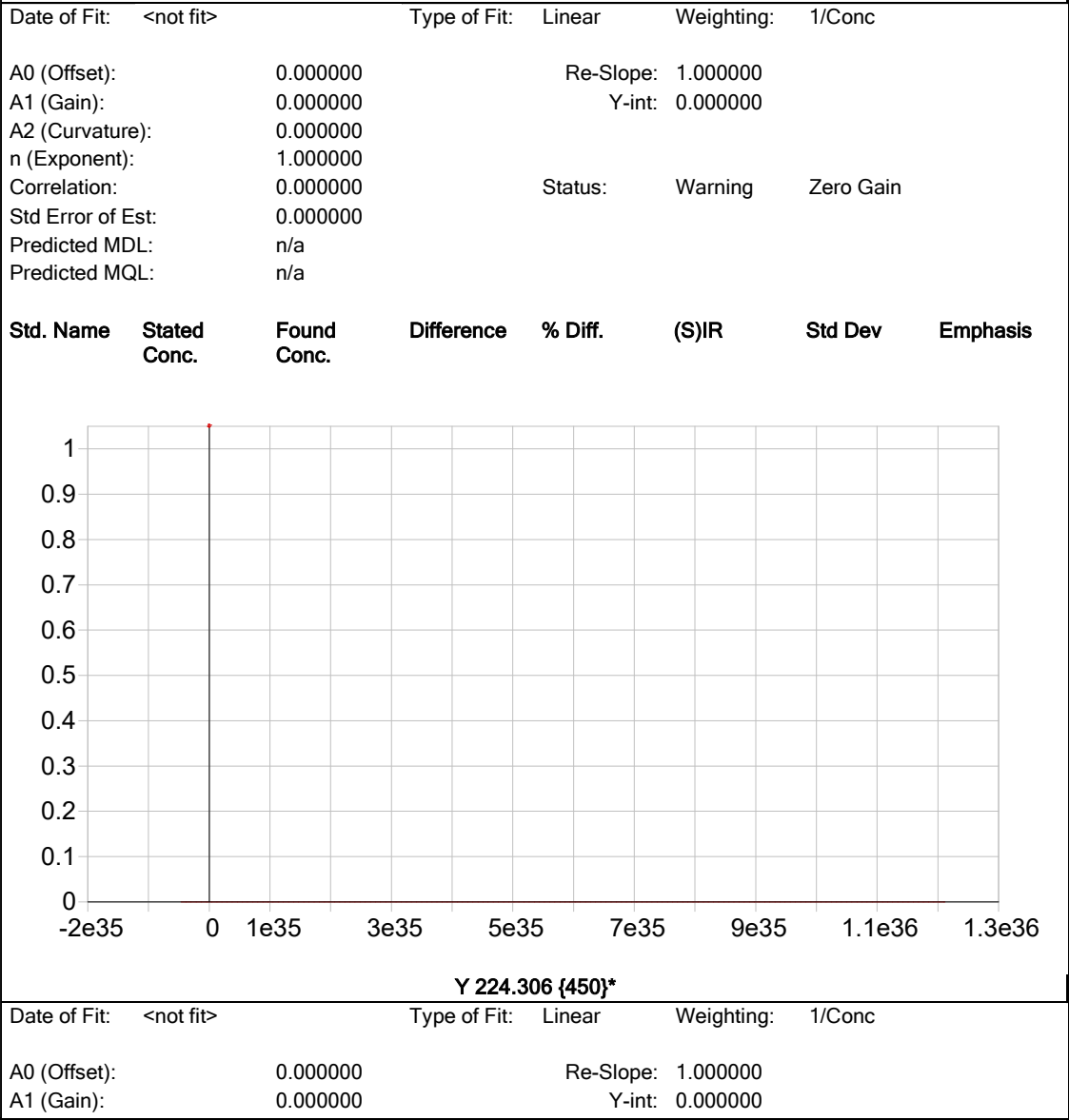
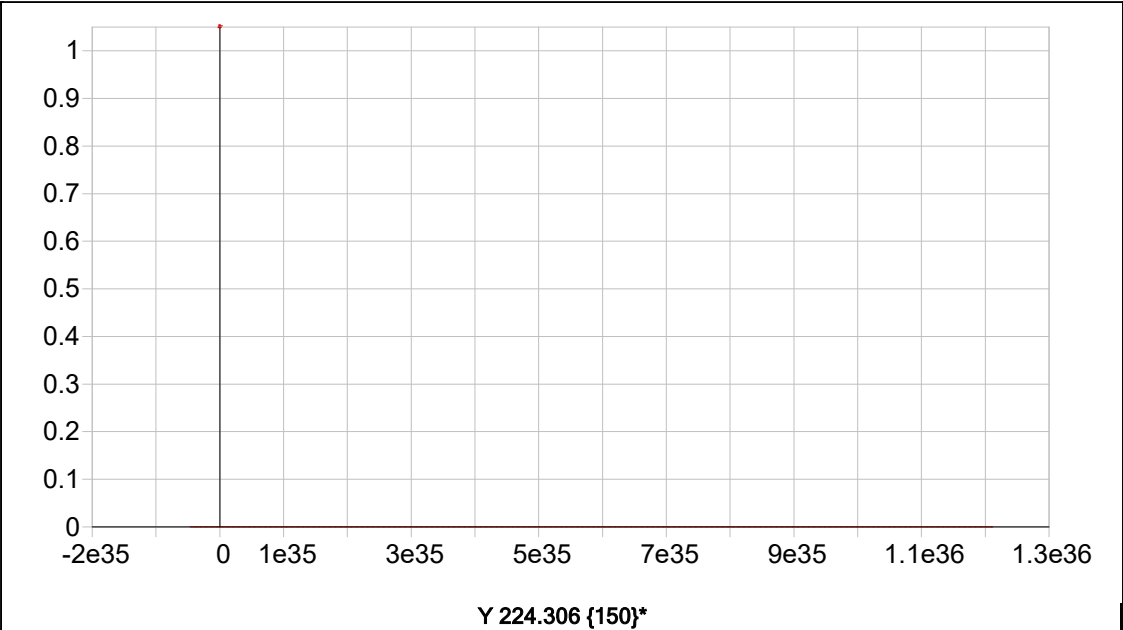


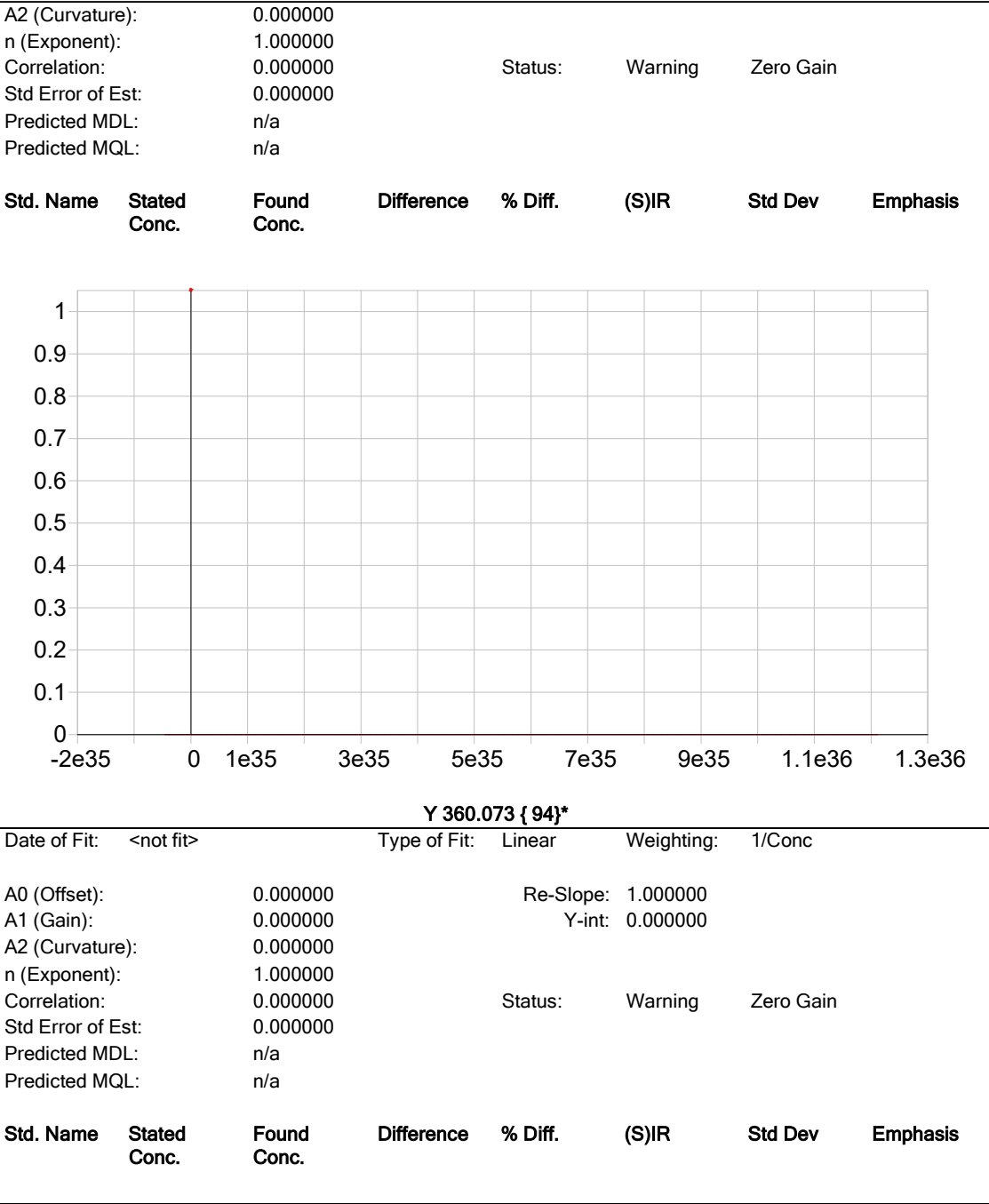
LI 670.784 { 50}

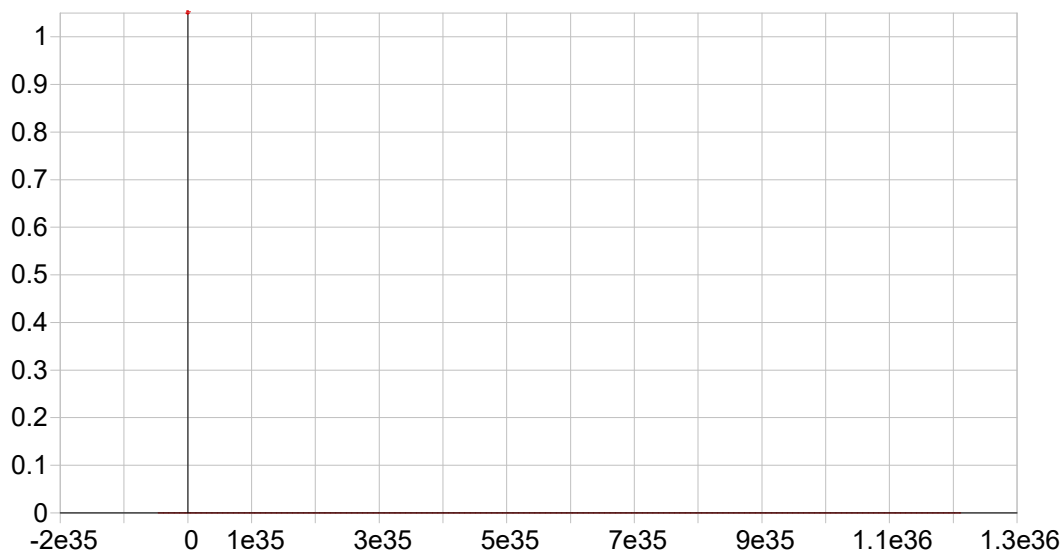
Date of Fit: 12/03/2019 16:47:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003985 Re-Slope: 1.000000
 A1 (Gain): 0.912201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.001742
 Predicted MQL: 0.005807

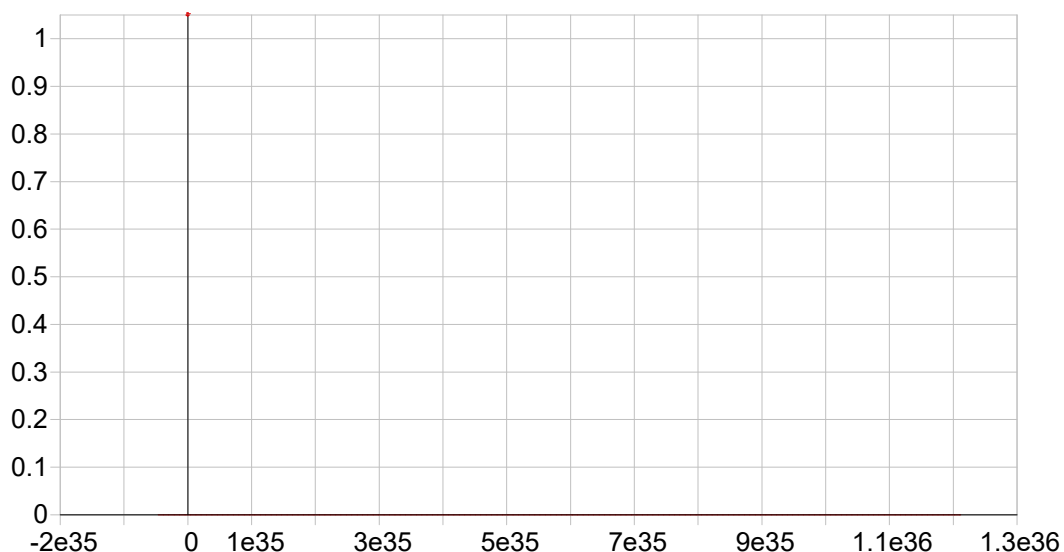
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.001	1
S5	10.000	10.080	.080	.797	9.1987	.019	1
S4	5.0000	4.9396	-.060	-1.21	4.5099	.018	1
S3	2.5000	2.4808	-.019	-.766	2.2670	.036	1
S1	.02000	.01984	-.000	-.796	.02208	.001	1



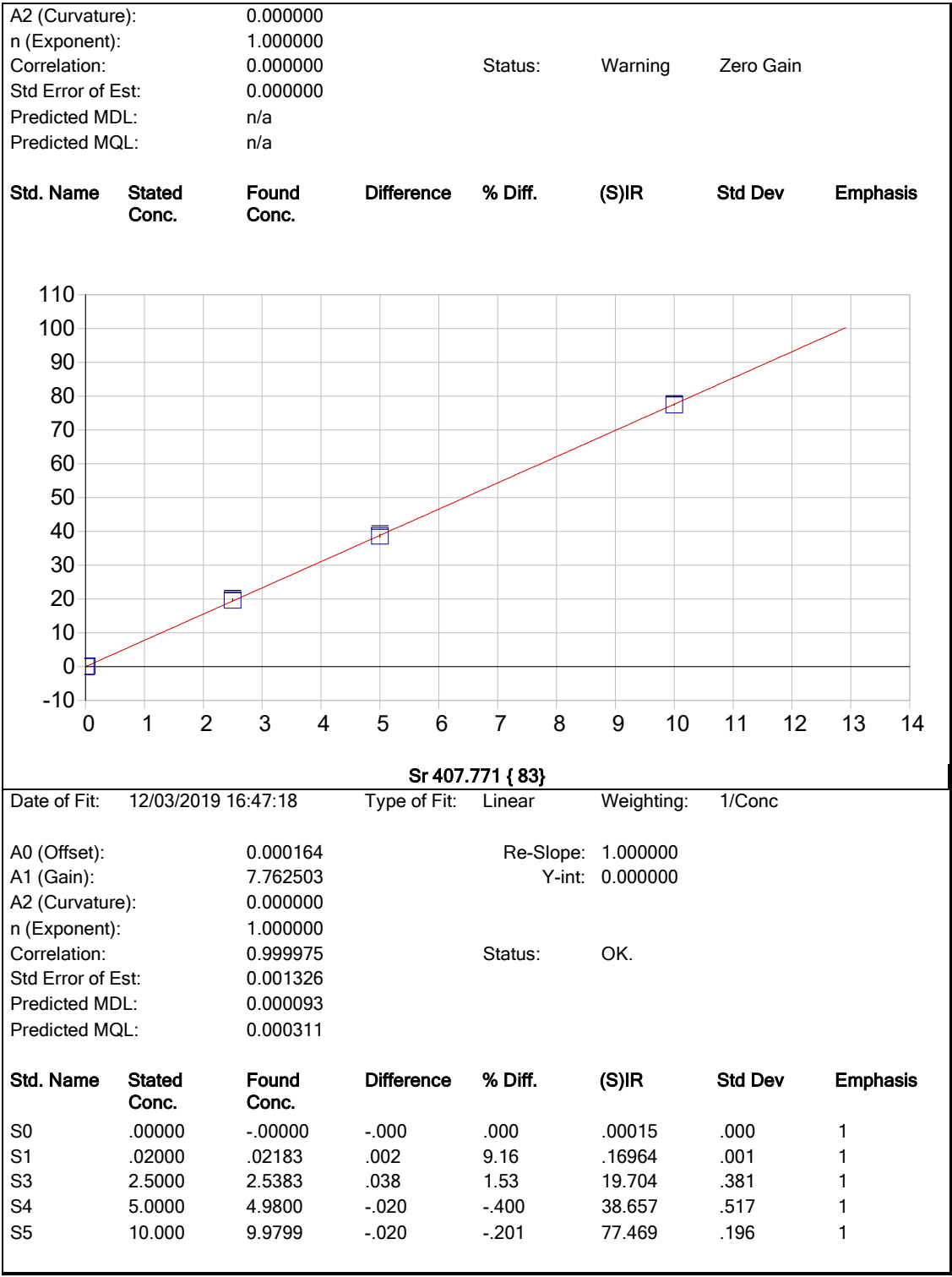




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 12/03/2019 14:40:10 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	-.00044	-.00077	.00027	.00055	.00068	.00270	-.00323	-.00142
Stddev	.00008	.00002	.00007	.00008	.00017	.00079	.00066	.00016
%RSD	17.055	2.6384	27.180	14.782	25.569	29.221	20.303	11.434

#1	-.00040	-.00075	.00022	.00047	.00084	.00352	-.00391	-.00152
#2	-.00053	-.00077	.00035	.00054	.00071	.00194	-.00260	-.00152
#3	-.00039	-.00079	.00022	.00063	.00049	.00264	-.00318	-.00124

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00018	.00023	.00008	.00001	.00147	.00002	.00033	-.00025
Stddev	.00004	.00049	.00006	.00007	.00032	.00017	.00018	.00018
%RSD	19.962	213.94	76.812	948.03	21.930	855.96	53.949	72.127

#1	.00016	.00012	.00015	-.00000	.00111	.00001	.00049	-.00046
#2	.00023	-.00020	.00005	.00008	.00173	.00019	.00038	-.00013
#3	.00016	.00076	.00004	-.00005	.00156	-.00015	.00014	-.00016

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	-.00122	-.00081	-.00672	.00001	.01155	.01209	-.00121	.00064
Stddev	.00014	.00008	.00065	.00035	.00101	.00075	.00002	.00010
%RSD	11.314	9.6385	9.6030	2630.9	8.7029	6.2106	1.9866	15.799

#1	-.00136	-.00083	-.00598	-.00034	.01067	.01288	-.00123	.00061
#2	-.00121	-.00073	-.00698	.00036	.01264	.01201	-.00119	.00056
#3	-.00109	-.00089	-.00719	.00002	.01133	.01138	-.00120	.00076

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	.00054	.00066	.00487	.00045	-.00004	.00398	.00015	
Stddev	.00012	.00012	.00035	.00013	.00055	.00134	.00036	
%RSD	22.131	18.306	7.1782	29.505	1235.6	33.529	241.68	

#1	.00041	.00078	.00453	.00060	.00010	.00344	-.00010	
#2	.00057	.00066	.00486	.00034	.00042	.00551	.00056	
#3	.00064	.00054	.00523	.00042	-.00066	.00301	-.00001	

Sample Name: S0 Acquired: 12/03/2019 14:40:10 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1738.9	2837.5	45532.	8071.2	3442.9
Stddev	23.7	3.9	276.	11.8	5.2
%RSD	1.3629	.13621	.60610	.14621	.15100
#1	1712.5	2841.9	45225.	8058.8	3444.7
#2	1745.7	2836.1	45760.	8072.5	3446.9
#3	1758.4	2834.6	45611.	8082.3	3437.0

Sample Name: S1 Acquired: 12/03/2019 14:44:02 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.00191	.00263	.00159	.00823	.01219	.40087	.02726
Stddev	.00008	.00022	.00021	.00018	.00008	.00035	.00309	.00008
%RSD	18.402	11.346	8.0433	11.053	.96096	2.9076	.77013	.28045

#1	.00050	.00199	.00243	.00139	.00831	.01212	.39745	.02721
#2	.00035	.00166	.00285	.00173	.00823	.01257	.40170	.02734
#3	.00039	.00207	.00263	.00165	.00815	.01187	.40346	.02722

Elem	Cd2144	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01422	.00174	.02034	.00607	.00319	.01609	.02570	.00246
Stddev	.00023	.00003	.00031	.00014	.00007	.00010	.00026	.00016
%RSD	1.5972	1.8318	1.5164	2.2571	2.3031	.61784	1.0154	6.6056

#1	.01425	.00176	.02003	.00591	.00324	.01619	.02542	.00255
#2	.01398	.00170	.02034	.00614	.00311	.01610	.02594	.00227
#3	.01443	.00176	.02065	.00616	.00323	.01599	.02572	.00255

Elem	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00606	.12202	-.00040	.03873	.10230	.00100	.14717	.00436
Stddev	.00006	.00081	.00008	.00014	.00056	.00001	.00081	.00009
%RSD	.96349	.66233	20.682	.37324	.54578	1.0304	.54986	2.0094

#1	.00603	.12163	-.00031	.03883	.10166	.00099	.14732	.00445
#2	.00602	.12295	-.00042	.03856	.10272	.00101	.14790	.00428
#3	.00613	.12148	-.00047	.03878	.10251	.00099	.14630	.00436

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.01935	.02208	.16964
Stddev	.00046	.00066	.00082
%RSD	2.3934	2.9707	.48158

#1	.01937	.02139	.16882
#2	.01888	.02270	.17046
#3	.01981	.02216	.16963

Sample Name: S1 Acquired: 12/03/2019 14:44:02 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1761.8	2861.8	46048.	8162.9	3483.3
Stddev	6.5	9.9	62.	21.4	6.6
%RSD	.36985	.34423	.13487	.26196	.18956
#1	1769.1	2873.2	46118.	8158.1	3488.9
#2	1756.6	2856.1	46030.	8186.3	3484.9
#3	1759.7	2856.1	45998.	8144.3	3476.0

Sample Name: S2 Acquired: 12/03/2019 14:47:54 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na8183	K_7698
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14111	.02087	.00199	.04824
Stddev	.00082	.00030	.00055	.00102
%RSD	.57893	1.4602	27.818	2.1182

#1	.14059	.02072	.00144	.04831
#2	.14069	.02067	.00254	.04719
#3	.14205	.02122	.00199	.04923

Int. Std.	Y_3710
Units	Cts/S
Avg	8166.0
Stddev	77.3
%RSD	.94646

#1	8080.5
#2	8231.0
#3	8186.4

Sample Name: S3 Acquired: 12/03/2019 14:51:42 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.09703	.16827	.46035	.12566	.36460	.43435	19.593	.54838
Stddev	.00019	.00043	.00015	.00052	.00074	.00586	.272	.00219
%RSD	.19804	.25836	.03338	.41297	.20162	1.3493	1.3901	.39990

#1	.09717	.16849	.46026	.12528	.36377	.42762	19.285	.54648
#2	.09710	.16776	.46026	.12545	.36490	.43831	19.804	.55078
#3	.09681	.16854	.46053	.12625	.36515	.43712	19.690	.54789

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	2.6936	.84983	.08040	.80785	.14921	.07384	.89267	.12686
Stddev	.0080	.01361	.00017	.00170	.00313	.00131	.01397	.00171
%RSD	.29809	1.6020	.21508	.21101	2.0959	1.7760	1.5654	1.3462

#1	2.6866	.83472	.08023	.80610	.14568	.07242	.87684	.12490
#2	2.6918	.86113	.08039	.80795	.15165	.07500	.90330	.12800
#3	2.7024	.85365	.08058	.80951	.15030	.07409	.89786	.12768

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	.77955	.19731	.04780	.17134	3.2332	.23765	.10395	.92338
Stddev	.00107	.00069	.00115	.00093	.0190	.00189	.00029	.00397
%RSD	.13682	.34745	2.4015	.54167	.58796	.79706	.27468	.43000

#1	.77933	.19652	.04711	.17033	3.2464	.23556	.10364	.92149
#2	.77860	.19779	.04912	.17215	3.2419	.23813	.10403	.92794
#3	.78070	.19761	.04716	.17153	3.2114	.23926	.10420	.92070

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	1.2415	.05412	.93469	.25292	1.1876	2.2670	19.704
Stddev	.0027	.00016	.00507	.00054	.0262	.0358	.381
%RSD	.21499	.29576	.54244	.21184	2.2105	1.5794	1.9323

#1	1.2396	.05404	.93040	.25258	1.1575	2.2272	19.275
#2	1.2403	.05431	.94028	.25263	1.2056	2.2966	20.002
#3	1.2445	.05403	.93340	.25353	1.1996	2.2772	19.834

Sample Name: S3 Acquired: 12/03/2019 14:51:42 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1755.9	2851.5	46148.	8324.2	3469.9
Stddev	10.3	6.0	155.	45.3	5.0
%RSD	.58666	.20936	.33512	.54399	.14362
#1	1752.0	2854.8	46326.	8352.7	3473.6
#2	1748.2	2855.1	46048.	8272.0	3471.9
#3	1767.6	2844.6	46070.	8348.0	3464.2

Sample Name: S4 Acquired: 12/03/2019 14:55:19 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.19280	.33846	.92239	.24878	.70318	.85693	38.825	1.0761
Stddev	.00053	.00090	.00382	.00113	.00113	.00678	.150	.0053
%RSD	.27468	.26559	.41428	.45521	.16029	.79120	.38756	.49080

#1	.19225	.33779	.91847	.24775	.70198	.85320	38.702	1.0821
#2	.19331	.33811	.92259	.24860	.70334	.85285	38.781	1.0743
#3	.19283	.33948	.92610	.24999	.70422	.86476	38.993	1.0720

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.3272	1.6816	.15879	1.6063	.27192	.14500	1.7642	.25257
Stddev	.0136	.0059	.00019	.0042	.00036	.00085	.0043	.00079
%RSD	.25510	.35048	.12121	.26226	.13406	.58900	.24564	.31175

#1	5.3178	1.6791	.15892	1.6037	.27151	.14424	1.7597	.25174
#2	5.3210	1.6774	.15857	1.6041	.27219	.14484	1.7645	.25265
#3	5.3428	1.6883	.15889	1.6112	.27207	.14593	1.7684	.25331

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	1.5487	.39126	.10285	.33897	6.2105	.46333	.21061	1.8128
Stddev	.0050	.00084	.00099	.00306	.0394	.00371	.00080	.0156
%RSD	.32550	.21407	.95819	.90343	.63521	.80103	.37963	.85806

#1	1.5462	.39145	.10332	.33662	6.2546	.46164	.20968	1.8307
#2	1.5453	.39199	.10172	.33785	6.1985	.46077	.21104	1.8038
#3	1.5545	.39034	.10352	.34243	6.1785	.46758	.21110	1.8038

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	2.4156	.10835	1.8525	.49914	2.3432	4.5099	38.657	
Stddev	.0052	.00023	.0083	.00199	.0099	.0176	.517	
%RSD	.21363	.21630	.44870	.39830	.42317	.38948	1.3379	

#1	2.4105	.10813	1.8614	.49733	2.3403	4.4896	38.080	
#2	2.4156	.10832	1.8450	.49883	2.3543	4.5210	39.078	
#3	2.4208	.10859	1.8511	.50127	2.3351	4.5191	38.814	

Sample Name: S4 Acquired: 12/03/2019 14:55:19 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1748.8	2839.5	45810.	8272.7	3408.6
Stddev	3.8	5.4	68.	38.9	8.1
%RSD	.21993	.18853	.14879	.47022	.23804
#1	1744.5	2845.2	45883.	8234.5	3415.8
#2	1751.7	2838.6	45749.	8312.3	3410.2
#3	1750.3	2834.6	45798.	8271.2	3399.8

Sample Name: S5 Acquired: 12/03/2019 14:58:59 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	.38593	.68497	1.8749	.49621	1.4055	1.7250	76.587	2.1456
Stddev	.00127	.00210	.0033	.00212	.0051	.0102	.752	.0155
%RSD	.32876	.30684	.17649	.42712	.36557	.58882	.98169	.72010

#1	.38585	.68321	1.8748	.49532	1.4035	1.7170	75.873	2.1605
#2	.38470	.68729	1.8716	.49469	1.4017	1.7364	76.517	2.1464
#3	.38724	.68440	1.8782	.49863	1.4113	1.7215	77.372	2.1297

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.705	3.3763	.31497	3.2566	.54368	.28893	3.5260	.51106
Stddev	.030	.0159	.00100	.0086	.00142	.00182	.0220	.00403
%RSD	.27708	.47036	.31804	.26523	.26207	.63058	.62457	.78864

#1	10.684	3.3591	.31384	3.2497	.54256	.28735	3.5016	.50755
#2	10.692	3.3903	.31529	3.2538	.54320	.29092	3.5445	.51546
#3	10.739	3.3795	.31577	3.2663	.54529	.28852	3.5317	.51017

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1235	.78894	.21218	.68014	12.299	.93041	.43285	3.6703
Stddev	.0063	.00395	.00125	.00513	.146	.00346	.00125	.0278
%RSD	.20299	.50064	.59120	.75420	1.1849	.37161	.28951	.75846

#1	3.1207	.79247	.21081	.67496	12.426	.92919	.43142	3.6988
#2	3.1190	.78969	.21328	.68522	12.332	.93431	.43374	3.6688
#3	3.1308	.78468	.21246	.68023	12.140	.92772	.43338	3.6432

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	4.8206	.22248	3.7332	1.0134	4.7451	9.1987	77.469
Stddev	.0114	.00071	.0227	.0016	.0229	.0192	.196
%RSD	.23649	.32093	.60896	.15523	.48351	.20904	.25359

#1	4.8171	.22167	3.7559	1.0118	4.7274	9.1800	77.360
#2	4.8113	.22276	3.7333	1.0136	4.7369	9.2184	77.696
#3	4.8333	.22301	3.7104	1.0149	4.7710	9.1977	77.351

Sample Name: S5 Acquired: 12/03/2019 14:58:59 Type: Cal
Method: NON EPA-6010-200.7(v185) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: 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	1729.8	2798.8	45527.	8224.2	3303.7
Stddev	13.2	11.5	59.	37.1	10.5
%RSD	.76354	.41105	.13041	.45162	.31813
#1	1716.3	2804.6	45459.	8181.3	3312.7
#2	1730.4	2806.2	45568.	8245.3	3306.2
#3	1742.6	2785.6	45554.	8245.9	3292.1

Sample Name: ICV01 Acquired: 12/03/2019 15:21:37 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006402	1.005455	1.000565	1.014764	.9858594	2.505325
Stddev	.005889	.002650	.004209	.004356	.0037785	.018317
%RSD	.5851967	.2635798	.4206380	.4292583	.3832683	.7311207

#1	1.012917	1.007147	.999165	1.016935	.9902224	2.485909
#2	1.004834	1.002401	.997235	1.017607	.9836643	2.522297
#3	1.001455	1.006817	1.005295	1.009749	.9836915	2.507769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5154579	.5076899	.5116633	10.07025	.5206709	.5081203
Stddev	.0032019	.0002920	.0007329	.09558	.0011339	.0017156
%RSD	.6211813	.0575169	.1432307	.9491226	.2177730	.3376362

#1	.5117733	.5077680	.5111555	9.96896	.5197791	.5081153
#2	.5170358	.5079350	.5113309	10.08293	.5219470	.5064072
#3	.5175647	.5073668	.5125034	10.15885	.5202867	.5098384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5203119	10.51043	.5219051	5.968131	.5103948	.2503481
Stddev	.0018259	.08679	.0035507	.052756	.0010684	.0015124
%RSD	.3509303	.8257939	.6803419	.8839681	.2093205	.6041261

#1	.5189770	10.41331	.5178200	5.908925	.5099892	.2507120
#2	.5223927	10.58040	.5236450	6.010153	.5095886	.2486869
#3	.5195659	10.53757	.5242504	5.985314	.5116066	.2516453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.996597	.4830988	1.024251	9.741838	F -.005901	F 2.369419
Stddev	.212934	.0020771	.007673	.108263	.001158	.004706
%RSD	2.130066	.4299449	.7490912	1.111319	19.62548	.1986163

#1	9.821896	.4807085	1.029847	9.653675	-.006710	2.369535
#2	10.23378	.4844648	1.015504	9.862674	-.004574	2.364656
#3	9.93411	.4841230	1.027400	9.709164	-.006418	2.374066

Sample Name: ICV01 Acquired: 12/03/2019 15:21:37 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.346836	F -.017683	F 2.151038	F 2.284324	F 2.333964	F .0007304
Stddev	.006022	.001819	.004982	.005726	.025034	.0008826
%RSD	.2566166	10.28880	.2315895	.2506487	1.072601	120.8341

#1	2.352364	-.019082	2.151612	2.280428	2.308411	.0013344
#2	2.340418	-.018339	2.145794	2.281646	2.335037	.0011394
#3	2.347726	-.015626	2.155708	2.290898	2.358445	-.000282

Elem	Sr4077
Units	ppm
Avg	F .0014509
Stddev	.0000993
%RSD	6.841441

#1	.0013394
#2	.0015297
#3	.0014835

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.253	2857.917	46035.03	8257.708	3474.972
Stddev	11.886	9.954	142.60	3.647	5.851
%RSD	.6771505	.3483067	.3097559	.0441689	.1683647

#1	1747.187	2846.601	45985.61	8261.079	3469.479
#2	1768.902	2865.324	46195.76	8253.836	3481.124
#3	1749.670	2861.825	45923.72	8258.210	3474.313

Sample Name: LLICV01 Acquired: 12/03/2019 15:26:56 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217571	.0397513	.0125842	.0213908	.0571607	.1112718	.1047219
Stddev	.0027511	.0011090	.0003180	.0017317	.0007139	.0079051	.0002377
%RSD	12.64473	2.789896	2.527217	8.095505	1.248849	7.104290	.2269997

#1	.0188076	.0406607	.0129419	.0225803	.0577164	.1021758	.1045905
#2	.0242537	.0385158	.0123335	.0221881	.0563556	.1151584	.1049963
#3	.0222098	.0400774	.0124771	.0194041	.0574101	.1164812	.1045789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066130	.0064437	2.127198	.0102223	.0313888	.0217816	.1152464
Stddev	.0000438	.0000042	.009972	.0002773	.0000872	.0033932	.0019021
%RSD	.6622191	.0648366	.4687856	2.712600	.2776357	15.57809	1.650440

#1	.0066488	.0064454	2.134740	.0102769	.0314297	.0190121	.1172251
#2	.0066260	.0064389	2.130962	.0099218	.0314481	.0207661	.1134316
#3	.0065642	.0064468	2.115892	.0104682	.0312888	.0255665	.1150824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222559	2.127065	.0431448	.0104847	1.898758	.0417339	.0430161
Stddev	.0003556	.030666	.0006845	.0003328	.130311	.0012158	.0005757
%RSD	1.597843	1.441690	1.586595	3.174287	6.862976	2.913158	1.338274

#1	.0225956	2.093676	.0423733	.0103889	1.985972	.0405355	.0434177
#2	.0222859	2.153970	.0436793	.0102103	1.961340	.0429663	.0432740
#3	.0218862	2.133549	.0433819	.0108549	1.748961	.0416997	.0423565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.949281	.0198560	.1087967	.2116105	.0060896	.3811731	.0409447
Stddev	.028309	.0010361	.0015673	.0012312	.0010635	.0052411	.0005070
%RSD	1.452274	5.218088	1.440565	.5818333	17.46437	1.374982	1.238176

#1	1.959710	.0188738	.1103594	.2117572	.0061494	.3869779	.0411666
#2	1.970896	.0197557	.1088059	.2127618	.0071219	.3797528	.0413029
#3	1.917237	.0209387	.1072249	.2103125	.0049974	.3767886	.0403646

Sample Name: LLICV01 Acquired: 12/03/2019 15:26:56 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0421029	.0202601	.0218403
Stddev	.0008618	.0010299	.0000473
%RSD	2.046868	5.083279	.2164505

#1	.0414716	.0197087	.0218410
#2	.0417524	.0214483	.0218872
#3	.0430847	.0196233	.0217926

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.455	2865.720	46003.38	8203.840	3486.848
Stddev	2.004	3.139	110.04	119.636	5.069
%RSD	.1140140	.1095535	.2392046	1.458295	.1453842

#1	1759.739	2862.252	46117.43	8097.035	3491.642
#2	1755.993	2866.541	45994.86	8181.365	3481.543
#3	1756.632	2868.368	45897.84	8333.119	3487.359

Sample Name: ICB01 Acquired: 12/03/2019 15:30:50 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020768	-.002900	-.000093	.0006157	.0022082	-.005093
Stddev	.0043102	.001462	.000660	.0030712	.0013982	.009086
%RSD	207.5356	50.41041	712.2497	498.8136	63.31772	178.3839

#1	-.002875	-.004264	.000123	-.002243	.0021641	-.015285
#2	.004118	-.001356	.000433	.003862	.0008326	.002159
#3	.004987	-.003081	-.000834	.000228	.0036279	-.002154

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000287	.0000456	-.000022	-.004059	-.000262	-.000011
Stddev	.000591	.0000412	.000075	.003416	.000469	.000227
%RSD	206.0434	90.36905	344.7376	84.15775	178.7710	2095.463

#1	-.000729	.0000512	.000026	-.007863	-.000213	.000241
#2	.000385	.0000838	.000017	-.001254	.000180	-.000077
#3	-.000517	.0000019	-.000108	-.003060	-.000754	-.000197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010500	.0009926	.0000191	.0191967	.0001456	-.000135
Stddev	.0020568	.0095311	.0002450	.0047936	.0003704	.000502
%RSD	195.8795	960.2276	1282.315	24.97072	254.3326	371.1773

#1	-.001040	-.005727	.0002215	.0189777	-.000281	-.000164
#2	.003071	.011901	.0000890	.0145164	.000387	.000380
#3	.001119	-.003196	-.000253	.0240960	.000331	-.000622

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079440	.0009673	-.002378	-.063111	-.000850	.0026951
Stddev	.123715	.0008687	.000261	.065397	.002350	.0006335
%RSD	155.7348	89.80909	10.95829	103.6222	276.3765	23.50359

#1	-.109866	.0013751	-.002627	-.003404	.000766	.0025698
#2	-.185103	-.000030	-.002107	-.133003	.000229	.0021337
#3	.056650	.001557	-.002400	-.052927	-.003547	.0033819

Sample Name: ICB01 Acquired: 12/03/2019 15:30:50 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	F -.011194	-.000245	.0013500	.0012678	-.000328
Stddev	.000098	.002239	.000390	.0003418	.0016445	.001290
%RSD	125.7156	19.99732	159.5141	25.32099	129.7073	392.8732

#1	.000011	-.008717	.000162	.0010159	.0014639	.000150
#2	-.000061	-.011795	-.000616	.0016991	-.000466	.000654
#3	-.000183	-.013072	-.000279	.0013351	.002805	-.001789

Elem	Sr4077
Units	ppm
Avg	.0000312
Stddev	.0000310
%RSD	99.35869

#1	.0000654
#2	.0000233
#3	.0000049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.015	2858.065	45886.94	8235.838	3455.752
Stddev	31.438	3.713	831.93	43.154	.210
%RSD	1.781154	.1299204	1.812996	.5239816	.0060741

#1	1761.305	2853.863	45893.56	8246.971	3455.948
#2	1798.142	2859.425	46715.53	8272.336	3455.530
#3	1735.596	2860.905	45051.71	8188.209	3455.778

Sample Name: CRI01 Acquired: 12/03/2019 15:34:42 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199305	.0398619	.0135388	.0194697	.0565820	.1096434	.1039486
Stddev	.0050350	.0025992	.0002993	.0015069	.0009489	.0104772	.0006254
%RSD	25.26288	6.520440	2.211056	7.739586	1.677109	9.555738	.6016780

#1	.0247952	.0415003	.0132258	.0205641	.0555796	.1119608	.1032345
#2	.0147409	.0368650	.0135682	.0200939	.0567001	.0982015	.1042122
#3	.0202554	.0412203	.0138223	.0177510	.0574664	.1187679	.1043991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065418	.0065259	2.147933	.0103431	.0317177	.0206081	.1165391
Stddev	.0001384	.0000397	.017800	.0001139	.0002983	.0008731	.0018500
%RSD	2.114989	.6079892	.8286931	1.100821	.9404879	4.236586	1.587454

#1	.0064018	.0064802	2.139080	.0102493	.0319545	.0201725	.1182433
#2	.0066784	.0065456	2.136294	.0103103	.0318160	.0200385	.1145715
#3	.0065452	.0065519	2.168423	.0104698	.0313827	.0216133	.1168023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225696	2.088958	.0432042	.0102717	2.027594	.0392396	.0441970
Stddev	.0002952	.043442	.0001379	.0004851	.081065	.0006286	.0010999
%RSD	1.308130	2.079621	.3192485	4.722754	3.998088	1.601980	2.488527

#1	.0222552	2.039580	.0433265	.0106671	2.088661	.0398963	.0438700
#2	.0228409	2.121302	.0432314	.0097303	1.935622	.0386434	.0432977
#3	.0226126	2.105992	.0430547	.0104176	2.058499	.0391791	.0454232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962496	.0236630	.1064340	.2119996	.0091492	.5091898	.0390609
Stddev	.056944	.0004356	.0010197	.0005444	.0022297	.0037206	.0009533
%RSD	2.901587	1.840733	.9580232	.2568065	24.36980	.7306949	2.440494

#1	2.023232	.0232509	.1064996	.2117632	.0071480	.5069317	.0383010
#2	1.910312	.0236193	.1074193	.2116132	.0087471	.5134840	.0387513
#3	1.953946	.0241187	.1053831	.2126222	.0115526	.5071536	.0401305

Sample Name: CRI01 Acquired: 12/03/2019 15:34:42 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0416816	.0204140	.0220776
Stddev	.0015286	.0018122	.0001607
%RSD	3.667317	8.877325	.7278013

#1	.0404943	.0200239	.0218922
#2	.0434063	.0188285	.0221639
#3	.0411442	.0223894	.0221767

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.619	2867.246	46319.59	8252.283	3487.724
Stddev	5.475	4.764	40.26	44.865	4.390
%RSD	.3095846	.1661616	.0869167	.5436683	.1258603

#1	1773.475	2865.818	46273.97	8230.596	3484.804
#2	1769.696	2872.560	46350.11	8222.382	3492.772
#3	1762.685	2863.358	46334.71	8303.872	3485.595

Sample Name: ICSA01 Acquired: 12/03/2019 15:38:34 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001134	-.008958	.0081255	-.017084	.0090096	263.8387
Stddev	.003008	.005354	.0027200	.002839	.0009043	4.6232
%RSD	265.2830	59.76884	33.47551	16.61559	10.03674	1.752290

#1	-.003182	-.008233	.0112589	-.016014	.0093406	258.5133
#2	-.002538	-.004003	.0063716	-.014935	.0079865	266.8247
#3	.002319	-.014637	.0067460	-.020302	.0097019	266.1781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063065	.0009628	.0005407	252.4040	.0497216	-.000153
Stddev	.0005673	.0000241	.0001803	4.6833	.0005901	.000236
%RSD	8.995638	2.504223	33.33846	1.855487	1.186833	153.9513

#1	.0057024	.0009853	.0007178	246.9975	.0503368	-.000372
#2	.0068279	.0009373	.0003575	255.0033	.0496679	.000096
#3	.0063893	.0009659	.0005468	255.2112	.0491602	-.000183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168194	102.8774	.0141116	265.7858	-.001795	-.002451
Stddev	.0003293	1.9275	.0002104	5.1997	.000607	.000474
%RSD	1.957601	1.873564	1.491347	1.956366	33.79567	19.34622

#1	.0171795	100.6529	.0138994	259.7847	-.001522	-.002863
#2	.0167451	104.0507	.0143202	268.6204	-.001373	-.002557
#3	.0165336	103.9287	.0141152	268.9522	-.002491	-.001933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555698	.0040582	-.003523	-.088990	-.009737	-.045570
Stddev	.1768525	.0023235	.000696	.077797	.001653	.001317
%RSD	318.2528	57.25445	19.75287	87.42246	16.97486	2.889487

#1	.0323929	.0060405	-.002963	-.094353	-.008685	-.044914
#2	.2428680	.0046327	-.004302	-.163968	-.011642	-.044710
#3	-.108552	.0015013	-.003304	-.008650	-.008884	-.047086

Sample Name: ICSA01 Acquired: 12/03/2019 15:38:34 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000355	-.009328	-.000898	-.003487	-.000940	W .0032951
Stddev	.000382	.008376	.000905	.001632	.000849	.0006882
%RSD	107.8232	89.79239	100.8545	46.79341	90.34825	20.88600

#1	-.000278	-.007517	-.000046	-.005368	-.001015	.0032004
#2	-.000770	-.018461	-.001848	-.002637	-.000056	.0040258
#3	-.000016	-.002006	-.000799	-.002456	-.001749	.0026591

Elem	Sr4077
Units	ppm
Avg	F .1043550
Stddev	.0021102
%RSD	2.022116

#1	.1019189
#2	.1055297
#3	.1056164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.012	2719.677	43978.94	8215.751	3135.871
Stddev	11.531	3.450	226.15	104.954	8.721
%RSD	.6883893	.1268664	.5142324	1.277475	.2780954

#1	1663.787	2721.247	43726.93	8332.075	3137.827
#2	1674.422	2722.064	44045.67	8187.030	3143.449
#3	1686.826	2715.721	44164.21	8128.146	3126.339

Sample Name: ICSAB01 Acquired: 12/03/2019 15:48:32 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020719	.1038773	.0568840	.0326264	.6117547	260.8425
Stddev	.0026896	.0028748	.0014241	.0040241	.0035277	1.5220
%RSD	2.635045	2.767446	2.503603	12.33387	.5766518	.5835084

#1	.1001219	.1054058	.0562592	.0349656	.6123562	259.2799
#2	.1009535	.1005612	.0558790	.0279798	.6079649	260.9271
#3	.1051403	.1056649	.0585138	.0349339	.6149430	262.3204

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5143904	.4984595	.9950131	247.9359	.5475228	.5017965
Stddev	.0016986	.0005615	.0022458	.8218	.0020748	.0006723
%RSD	.3302073	.1126375	.2257033	.3314575	.3789472	.1339839

#1	.5130211	.4989835	.9925500	247.0662	.5454737	.5011356
#2	.5138590	.4985280	.9955423	248.0420	.5474722	.5017742
#3	.5162912	.4978669	.9969470	248.6995	.5496224	.5024797

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122909	101.3747	.5136248	261.2067	.9921699	.2079488
Stddev	.0030225	.6309	.0019173	1.6284	.0009280	.0009408
%RSD	.5900003	.6223483	.3732850	.6234072	.0935332	.4524058

#1	.5109834	100.7708	.5117087	259.6023	.9911473	.2080889
#2	.5157470	101.3238	.5136225	261.1599	.9924040	.2069458
#3	.5101422	102.0295	.5155433	262.8580	.9929585	.2088116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890866	.4974516	1.029966	-.201090	F -.018647	.9729722
Stddev	.2673321	.0071454	.009858	.088969	.003200	.0031108
%RSD	141.3808	1.436404	.9571388	44.24331	17.16184	.3197226

#1	-.096137	.4896593	1.040996	-.177705	-.021601	.9696938
#2	.433934	.4989987	1.022014	-.126149	-.015247	.9733401
#3	.229462	.5036967	1.026887	-.299416	-.019093	.9758828

Sample Name: ICSAB01 Acquired: 12/03/2019 15:48:32 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002982	F -.014069	.9027401	1.020753	.9890290	F .0027461
Stddev	.003585	.006950	.0022609	.003267	.0026954	.0001067
%RSD	.3574187	49.39793	.2504517	.3200402	.2725351	3.884373

#1	1.004157	-.021950	.9045555	1.017463	.9902197	.0026249
#2	.998957	-.008817	.9034573	1.020800	.9859432	.0028257
#3	1.005832	-.011440	.9002076	1.023996	.9909240	.0027877

Elem	Sr4077
Units	ppm
Avg	F .1023730
Stddev	.0001837
%RSD	.1794588

#1	.1023548
#2	.1021991
#3	.1025651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.933	2714.350	43714.13	8181.521	3131.112
Stddev	13.036	9.717	203.94	15.125	8.389
%RSD	.7877020	.3579908	.4665295	.1848639	.2679268

#1	1641.727	2712.752	43705.24	8164.523	3139.287
#2	1667.791	2724.767	43922.37	8186.547	3131.524
#3	1655.281	2705.531	43514.79	8193.492	3122.524

Sample Name: CCV01 Acquired: 12/03/2019 15:52:12 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.991095	4.958113	4.981265	4.975350	4.962491	9.851837	10.04816
Stddev	.020004	.001852	.013672	.007271	.008549	.067634	.05441
%RSD	.4007990	.0373437	.2744661	.1461466	.1722629	.6865121	.5414562

#1	4.998578	4.959239	4.981131	4.978944	4.960818	9.845520	9.98963
#2	4.968428	4.955976	4.967660	4.966982	4.954903	9.787583	10.05767
#3	5.006278	4.959124	4.995003	4.980125	4.971753	9.922408	10.09719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2458567	2.477675	24.97520	1.001503	2.471080	1.239730	4.971172
Stddev	.0012369	.004681	.16876	.002392	.002080	.008812	.028435
%RSD	.5030887	.1889184	.6757298	.2388314	.0841620	.7108126	.5719963

#1	.2472259	2.477205	24.78972	.999133	2.470090	1.230230	4.962274
#2	.2448203	2.473247	25.01621	1.001459	2.469680	1.247638	4.948250
#3	.2455237	2.482573	25.11969	1.003916	2.473470	1.241322	5.002992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.503344	24.76365	2.473815	1.250981	24.98708	2.463626	2.519557
Stddev	.016907	.13997	.001715	.008154	.19245	.018886	.025093
%RSD	.6753787	.5652334	.0693341	.6517979	.7702163	.7666066	.9959270

#1	2.484208	24.64466	2.473839	1.250164	24.94434	2.444614	2.530910
#2	2.509564	24.72841	2.472087	1.259512	24.81959	2.463881	2.536967
#3	2.516260	24.91787	2.475518	1.243266	25.19731	2.482384	2.490794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.53538	4.932825	4.975235	4.978684	4.909012	4.919239	4.902714
Stddev	.26910	.011021	.021849	.009940	.009390	.012489	.000477
%RSD	1.096800	.2234228	.4391509	.1996573	.1912733	.2538898	.0097392

#1	24.69622	4.936303	5.000027	4.979658	4.915404	4.932739	4.902458
#2	24.22471	4.941689	4.966882	4.968292	4.898232	4.908096	4.902420
#3	24.68521	4.920485	4.958794	4.988101	4.913400	4.916883	4.903265

Sample Name: CCV01 Acquired: 12/03/2019 15:52:12 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.004688	4.924916	5.022533
Stddev	.038081	.023455	.047900
%RSD	.7608972	.4762559	.9537031

#1	4.962414	4.899741	4.970954
#2	5.036303	4.928853	5.065617
#3	5.015347	4.946153	5.031027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.368	2844.764	45786.23	8310.191	3409.271
Stddev	9.884	7.797	148.14	34.735	7.574
%RSD	.5669454	.2740732	.3235486	.4179818	.2221579

#1	1739.591	2836.786	45884.21	8281.456	3402.921
#2	1735.930	2852.365	45615.81	8348.791	3417.654
#3	1754.584	2845.142	45858.67	8300.325	3407.238

Sample Name: LLCCV01 Acquired: 12/03/2019 16:04:23 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216180	.0389500	.0126973	.0237673	.0559962	.1095397	.1041542
Stddev	.0017181	.0006269	.0013641	.0017242	.0016669	.0097867	.0006110
%RSD	7.947570	1.609531	10.74341	7.254428	2.976824	8.934391	.5866263

#1	.0211186	.0386528	.0133045	.0227758	.0569641	.1104991	.1041135
#2	.0202049	.0385271	.0111349	.0227680	.0540715	.1188113	.1047845
#3	.0235304	.0396703	.0136523	.0257583	.0569532	.0993085	.1035646

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064992	.0063969	2.090649	.0105549	.0319246	.0218326	.1147184
Stddev	.0000583	.0001472	.015855	.0005017	.0002492	.0004830	.0016097
%RSD	.8963087	2.301396	.7583915	4.753496	.7804243	2.212194	1.403184

#1	.0065117	.0062373	2.074339	.0110446	.0319732	.0216485	.1165770
#2	.0064357	.0064261	2.106007	.0100419	.0321458	.0223806	.1137741
#3	.0065502	.0065273	2.091602	.0105781	.0316547	.0214688	.1138040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223614	2.105749	.0427219	.0103834	2.057506	.0395392	.0423257
Stddev	.0004423	.032092	.0005160	.0002880	.207676	.0025697	.0002228
%RSD	1.977812	1.524004	1.207870	2.774035	10.09357	6.499081	.5263214

#1	.0219849	2.096238	.0432263	.0101492	1.849159	.0398246	.0425693
#2	.0222510	2.079488	.0421950	.0107050	2.264505	.0419542	.0422753
#3	.0228485	2.141521	.0427443	.0102959	2.058854	.0368387	.0421324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968379	.0196365	.1063818	.2111614	.0040029	.3773437	.0382610
Stddev	.095443	.0024242	.0010057	.0006639	.0068728	.0021007	.0012148
%RSD	4.848807	12.34559	.9453766	.3144143	171.6940	.5566995	3.175082

#1	1.970270	.0185087	.1053963	.2112252	-.000294	.3793459	.0373800
#2	2.062862	.0179816	.1063424	.2104679	.000373	.3751567	.0377560
#3	1.872004	.0224192	.1074066	.2117912	.011930	.3775285	.0396468

Sample Name: LLCCV01 Acquired: 12/03/2019 16:04:23 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0410296	.0205294	.0216204
Stddev	.0009042	.0006549	.0000906
%RSD	2.203768	3.190032	.4192767

#1	.0404275	.0197739	.0215166
#2	.0405919	.0209357	.0216842
#3	.0420693	.0208785	.0216604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.512	2877.684	46034.13	8312.241	3492.823
Stddev	8.986	7.124	186.26	27.753	9.039
%RSD	.5092425	.2475771	.4046157	.3338821	.2587814

#1	1762.443	2879.969	45947.25	8280.305	3500.531
#2	1756.742	2883.386	45907.18	8325.907	3495.063
#3	1774.352	2869.697	46247.96	8330.511	3482.875

Sample Name: CCB01 Acquired: 12/03/2019 16:08:16 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003031	-.001277	.0003995	.0009728	.0002461	-.014644
Stddev	.002168	.001641	.0010759	.0008382	.0012218	.010586
%RSD	71.53174	128.4816	269.3326	86.15880	496.4695	72.28817

#1	-.000909	.000363	-.000522	.0004924	.0014705	-.013773
#2	-.002942	-.001275	.001582	.0019407	-.000973	-.004520
#3	-.005243	-.002919	.000138	.0004854	.000241	-.025638

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000488	.0000779	-.000034	.0056234	-.000425	.0000356
Stddev	.000531	.0000765	.000038	.0040555	.000030	.0002759
%RSD	108.8568	98.13750	112.9893	72.11844	7.065892	775.6685

#1	-.000958	-.000007	.000008	.0087100	-.000426	.0002297
#2	.000088	.000141	-.000067	.0010302	-.000394	-.000280
#3	-.000594	.000099	-.000042	.0071299	-.000454	.000157

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008859	-.001677	.0000301	.0319917	-.000266	-.000322
Stddev	.0020695	.002053	.0004359	.0188417	.000226	.000453
%RSD	233.6051	122.4278	1447.111	58.89580	84.74797	140.6478

#1	.0025261	-.004048	-.000473	.0527171	-.000058	-.000686
#2	.0015708	-.000476	.000276	.0158971	-.000235	-.000467
#3	-.001439	-.000507	.000288	.0273608	-.000506	.000186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.246963	.0012170	-.002671	-.094381	-.000889	.0016876
Stddev	.375975	.0022300	.000094	.045437	.001275	.0013505
%RSD	152.2394	183.2379	3.527975	48.14184	143.3470	80.02533

#1	-.350358	.0037646	-.002757	-.054782	-.000068	.0025213
#2	-.560422	.0002675	-.002570	-.143987	-.002358	.0001295
#3	.169891	-.000381	-.002684	-.084374	-.000242	.0024119

Sample Name: CCB01 Acquired: 12/03/2019 16:08:16 Type: Unk
 Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CB01 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000289	F -.013998	.0007395	-.000420	.0004909	-.000708
Stddev	.000212	.001866	.0009931	.000378	.0005621	.001461
%RSD	73.15295	13.32745	134.2964	89.91423	114.4947	206.2725

#1	-.000071	-.014533	-.000196	-.000022	-.000085	-.000906
#2	-.000303	-.015538	.001782	-.000774	.000519	-.002060
#3	-.000494	-.011924	.000633	-.000464	.001038	.000842

Elem	Sr4077
Units	ppm
Avg	.0000175
Stddev	.0001168
%RSD	667.5006

#1	.0000778
#2	.0000919
#3	-.000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.228	2864.960	45996.03	8265.364	3468.635
Stddev	14.487	2.649	121.53	20.862	8.277
%RSD	.8216030	.0924538	.2642239	.2524011	.2386118

#1	1764.937	2867.571	45908.27	8268.958	3473.833
#2	1776.784	2862.275	46134.75	8284.195	3472.982
#3	1747.962	2865.035	45945.09	8242.938	3459.091

Sample Name: LR CHECK 1 Acquired: 12/03/2019 16:45:25 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018878	-.083127	.1800453	-.131248	.0562151	1917.330	.0585573
Stddev	.003673	.016495	.0068484	.011110	.0045626	8.026	.0007827
%RSD	19.45387	19.84245	3.803734	8.465024	8.116251	.4185875	1.336621

#1	-.022919	-.076176	.1879049	-.135431	.0612734	1920.811	.0593612
#2	-.017974	-.101960	.1753598	-.139660	.0549615	1908.151	.0585130
#3	-.015743	-.071247	.1768711	-.118654	.0524104	1923.027	.0577977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061943	.0030539	1677.967	.0595339	.0204661	.2566662	817.0892
Stddev	.0001552	.0004643	6.772	.0008829	.0004263	.0028360	2.3106
%RSD	2.505841	15.20306	.4036053	1.483033	2.082797	1.104949	.2827801

#1	.0062653	.0031657	1670.190	.0600228	.0208203	.2599409	814.4258
#2	.0060162	.0025439	1682.569	.0600641	.0205849	.2550507	818.2839
#3	.0063013	.0034521	1681.141	.0585147	.0199930	.2550070	818.5578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254996	1732.126	.1184925	-.023680	1702.687	.0143387	.1612654
Stddev	.0004137	4.072	.0011078	.000336	10.745	.0058285	.0014749
%RSD	1.622362	.2351106	.9349339	1.418683	.6310576	40.64864	.9145654

#1	.0259706	1728.292	.1197668	-.023318	1692.350	.0121893	.1613742
#2	.0253334	1736.401	.1179526	-.023982	1713.798	.0098901	.1626829
#3	.0251949	1731.685	.1177582	-.023739	1701.913	.0209366	.1597392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	967.4919	-.039929	-.507036	.0085666	.1541239	.0015371	-.000165
Stddev	5.6928	.005125	.008799	.0009120	.0197470	.0009091	.001582
%RSD	.5884104	12.83440	1.735359	10.64562	12.81243	59.14259	960.1283

#1	963.7444	-.034597	-.513250	.0080681	.1436166	.0021294	-.001433
#2	974.0427	-.044818	-.510890	.0096192	.1769030	.0004904	.001608
#3	964.6885	-.040372	-.496967	.0080127	.1418520	.0019915	-.000670

Sample Name: LR CHECK 1 Acquired: 12/03/2019 16:45:25 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.035090	.0442582	.0140339
Stddev	.001114	.0019513	.0000456
%RSD	3.173308	4.408870	.3247998

#1	-.034584	.0423530	.0140808
#2	-.034320	.0441691	.0140313
#3	-.036367	.0462525	.0139897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.065	2477.653	38691.16	7799.732	2354.824
Stddev	2.747	4.197	133.21	17.682	2.393
%RSD	.1843511	.1693842	.3442906	.2267064	.1016399

#1	1493.185	2482.409	38579.99	7788.075	2356.504
#2	1488.008	2474.470	38654.68	7791.043	2355.885
#3	1489.003	2476.080	38838.81	7820.078	2352.084

Sample Name: LR CHECK 2 Acquired: 12/03/2019 16:49:28 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254870	.0012852	264.6855	-.013131	-.022938	.5597405	98.94042
Stddev	.0026302	.0035525	.4167	.000820	.003870	.0094198	1.35886
%RSD	10.31992	276.4191	.1574296	6.247170	16.87206	1.682881	1.373414

#1	.0237396	-.002358	264.2635	-.012198	-.018502	.5656977	97.43521
#2	.0242093	.001474	264.6962	-.013737	-.025627	.5488806	99.30930
#3	.0285120	.004739	265.0967	-.013459	-.024684	.5646434	100.0768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002224	.0014588	.6335240	-.115529	.0010147	241.3570	.1888158
Stddev	.000058	.0000867	.0159938	.000945	.0004468	1.2930	.0048357
%RSD	2.586090	5.940242	2.524583	.8179953	44.03603	.5357056	2.561061

#1	-.002228	.0014432	.6300925	-.114914	.0009951	240.9812	.1931662
#2	-.002165	.0013810	.6195245	-.116617	.0005780	242.7962	.1836092
#3	-.002280	.0015522	.6509551	-.115057	.0014710	240.2936	.1896719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.24376	.1896223	51.06537	.0077336	1.158541	-.007044	30.33946
Stddev	.07807	.0186284	.02708	.0002727	.349981	.000283	.08604
%RSD	.1688127	9.823946	.0530385	3.525737	30.20878	4.019281	.2836023

#1	46.30161	.1866491	51.06987	.0076307	1.496104	-.006884	30.28092
#2	46.27471	.1726593	51.08992	.0075274	.797340	-.007371	30.29920
#3	46.15497	.2095584	51.03632	.0080428	1.182180	-.006877	30.43825

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6679504	-3.44886	-.002041	-.024004	-.719530	.0112793	-.001350
Stddev	.1036643	.02563	.000565	.000739	.003566	.0005672	.000973
%RSD	15.51977	.7430546	27.67677	3.079960	.4956279	5.028795	72.08804

#1	.7828214	-3.42681	-.002055	-.023890	-.723187	.0109270	-.002252
#2	.6396661	-3.44278	-.001469	-.024794	-.716062	.0119336	-.000319
#3	.5813638	-3.47697	-.002598	-.023328	-.719343	.0109773	-.001479

Sample Name: LR CHECK 2 Acquired: 12/03/2019 16:49:28 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036244	.0043994	.0062259
Stddev	.0005064	.0008285	.0000475
%RSD	13.97163	18.83106	.7635485

#1	.0033234	.0053512	.0062797
#2	.0033407	.0038408	.0062083
#3	.0042090	.0040061	.0061896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.779	2890.005	49126.56	8580.298	3582.433
Stddev	3.925	3.487	175.44	26.512	3.179
%RSD	.2230481	.1206608	.3571268	.3089889	.0887338

#1	1764.132	2887.528	49254.90	8558.164	3581.492
#2	1758.698	2888.495	49198.13	8609.681	3579.831
#3	1756.508	2893.993	48926.64	8573.050	3585.976

Sample Name: PB125207BS Acquired: 12/03/2019 17:02:35 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7272498	1.780203	.9179315	1.809680	.7282910	1.842390
Stddev	.0023148	.005320	.0041773	.004613	.0028584	.025669
%RSD	.3182875	.2988323	.4550742	.2549325	.3924805	1.393218

#1	.7279759	1.778380	.9161054	1.811389	.7251735	1.815611
#2	.7246590	1.776034	.9149782	1.804456	.7289109	1.844778
#3	.7291144	1.786194	.9227109	1.813195	.7307886	1.866781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866593	.1859707	.1851191	.9766167	.3775455	.1829107
Stddev	.0005345	.0008431	.0005610	.0109006	.0007847	.0001998
%RSD	.2863390	.4533679	.3030406	1.116161	.2078323	.1092150

#1	.1861729	.1860214	.1847583	.9654336	.3780375	.1828200
#2	.1865736	.1851034	.1848336	.9772054	.3766406	.1827723
#3	.1872315	.1867874	.1857654	.9872110	.3779585	.1831397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2885188	2.950015	.1901307	1.839996	.4604060	.0688705
Stddev	.0024711	.003850	.0015442	.056950	.0018567	.0003580
%RSD	.8564903	.1305024	.8121709	3.095135	.4032716	.5198109

#1	.2860059	2.946282	.1889223	1.776140	.4592939	.0684617
#2	.2886047	2.953972	.1895995	1.885532	.4593748	.0691277
#3	.2909459	2.949790	.1918704	1.858315	.4625494	.0690222

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.913725	.2816923	.1968720	9.356512	F 5.335354	.2753138
Stddev	.064546	.0024722	.0005307	.040168	.024542	.0012687
%RSD	2.215250	.8776178	.2695507	.4293063	.4599872	.4608213

#1	2.854344	.2830184	.1973002	9.395722	5.318442	.2763624
#2	2.904408	.2788401	.1970377	9.315450	5.324117	.2739035
#3	2.982424	.2832186	.1962783	9.358363	5.363503	.2756753

Sample Name: PB125207BS Acquired: 12/03/2019 17:02:35 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3590181	F -.022700	.8342913	.6210895	.1826682	.1950845
Stddev	.0007134	.005142	.0028139	.0026728	.0026653	.0017040
%RSD	.1987051	22.65099	.3372820	.4303404	1.459097	.8734696

#1	.3590496	-.017609	.8350164	.6240960	.1797976	.1958208
#2	.3582895	-.027891	.8311858	.6201897	.1831422	.1931361
#3	.3597152	-.022599	.8366717	.6189826	.1850646	.1962964

Elem	Sr4077
Units	ppm
Avg	.1880484
Stddev	.0010968
%RSD	.5832464

#1	.1868058
#2	.1884578
#3	.1888816

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.550	2973.636	46647.86	8413.161	3593.151
Stddev	9.123	2.931	328.46	24.118	6.454
%RSD	.5109491	.0985788	.7041173	.2866668	.1796102

#1	1780.813	2974.170	46463.76	8385.554	3594.498
#2	1779.771	2976.263	46452.75	8430.139	3598.825
#3	1796.068	2970.474	47027.08	8423.789	3586.130

Sample Name: PB125129BS Acquired: 12/03/2019 17:06:17 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7294033	1.805615	.9229750	1.830277	.7482900	1.857649
Stddev	.0025127	.002890	.0026691	.009010	.0024461	.019928
%RSD	.3444907	.1600367	.2891856	.4922645	.3268854	1.072739

#1	.7315630	1.802429	.9199165	1.825147	.7468094	1.880658
#2	.7266455	1.806348	.9248336	1.825005	.7511133	1.845918
#3	.7300014	1.808067	.9241748	1.840681	.7469472	1.846370

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890342	.1876572	.1871420	.9811506	.3817811	.1848389
Stddev	.0011211	.0014380	.0005454	.0021342	.0009571	.0001225
%RSD	.5930421	.7662862	.2914464	.2175157	.2506819	.0662742

#1	.1902925	.1893072	.1869684	.9828613	.3826889	.1847939
#2	.1881418	.1866716	.1867046	.9818313	.3818729	.1847453
#3	.1886684	.1869927	.1877531	.9787591	.3807814	.1849776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2892314	2.969377	.1917811	1.880277	.4646508	.0691275
Stddev	.0029586	.017400	.0012547	.025027	.0004681	.0001006
%RSD	1.022921	.5859678	.6542260	1.331020	.1007447	.1455187

#1	.2871274	2.986135	.1916154	1.908793	.4644484	.0690188
#2	.2926144	2.970595	.1906175	1.861963	.4643179	.0692173
#3	.2879525	2.951400	.1931104	1.870073	.4651860	.0691465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.737561	.2845357	.1968161	9.206629	F 5.395431	.2795440
Stddev	.088434	.0037606	.0014190	.212915	.011636	.0016452
%RSD	3.230397	1.321677	.7209728	2.312622	.2156674	.5885346

#1	2.816820	.2888763	.1981249	9.452446	5.386127	.2814316
#2	2.753690	.2822574	.1953080	9.087320	5.391689	.2787857
#3	2.642172	.2824734	.1970153	9.080120	5.408478	.2784147

Sample Name: PB125129BS Acquired: 12/03/2019 17:06:17 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3685548	F -.026214	.8508004	.6373359	.1871104	.1945364
Stddev	.0009589	.005123	.0049890	.0029780	.0027570	.0020543
%RSD	.2601757	19.54183	.5863922	.4672506	1.473448	1.055982

#1	.3681943	-.021962	.8565231	.6353621	.1842150	.1934008
#2	.3678283	-.031901	.8485122	.6358844	.1897042	.1969078
#3	.3696416	-.024780	.8473659	.6407614	.1874119	.1933007

Elem	Sr4077
Units	ppm
Avg	.1902709
Stddev	.0014593
%RSD	.7669676

#1	.1887041
#2	.1915913
#3	.1905174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.674	2975.343	46988.72	8391.279	3601.088
Stddev	8.175	.622	174.83	80.964	2.067
%RSD	.4552810	.0208929	.3720743	.9648595	.0574093

#1	1787.181	2975.397	46786.85	8303.156	3603.468
#2	1803.490	2974.697	47087.87	8408.303	3599.737
#3	1796.352	2975.936	47091.45	8462.377	3600.060

Sample Name: PB125207BL Acquired: 12/03/2019 17:09:59 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025091	-.001526	.0029466	-.000026	.0008223	-.003748
Stddev	.0024631	.001331	.0005705	.003447	.0013948	.007124
%RSD	98.16649	87.19296	19.36220	13135.21	169.6220	190.0728

#1	.0034379	-.000816	.0035991	.003176	-.000421	-.004080
#2	-.000283	-.000701	.0026997	-.003675	.002331	-.010701
#3	.004373	-.003062	.0025412	.000421	.000557	.003536

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000149	.0000744	-.000058	-.000036	-.000434	-.000033
Stddev	.000565	.0000467	.000110	.002447	.000507	.000376
%RSD	379.1825	62.71262	188.2817	6883.945	116.7768	1130.635

#1	.000126	.0000818	-.000019	-.002282	-.000700	.000302
#2	-.000798	.0000245	-.000182	-.000397	-.000754	-.000440
#3	.000226	.0001169	.000026	.002572	.000150	.000039

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042209	-.000392	.0002049	-.003568	-.000070	-.000084
Stddev	.0014433	.009759	.0001993	.009940	.000263	.000169
%RSD	34.19473	2490.894	97.25980	278.6059	373.6838	201.8827

#1	.0035028	-.004094	.0004220	.003595	-.000282	-.000071
#2	.0058824	.010677	.0001628	.000617	-.000153	.000078
#3	.0032775	-.007759	.0000300	-.014916	.000224	-.000258

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009148	.0029846	-.002746	.0315684	-.000806	.0000245
Stddev	.148277	.0030363	.000265	.0340378	.002264	.0002560
%RSD	1620.870	101.7338	9.650265	107.8223	280.8710	1046.436

#1	-.064993	.0064678	-.002601	.0116428	.000912	-.000155
#2	-.121393	.0015889	-.003052	.0121918	.000041	-.000089
#3	.158942	.0008970	-.002585	.0708706	-.003371	.000318

Sample Name: PB125207BL Acquired: 12/03/2019 17:09:59 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000209	F -.015523	-.000687	-.000368	.0005396	.0012362
Stddev	.000584	.004175	.001287	.000619	.0011177	.0017679
%RSD	279.6076	26.89585	187.4025	168.3739	207.1519	143.0128

#1	.000445	-.016537	.000052	.000345	.0001626	.0032527
#2	-.000393	-.010934	-.002172	-.000680	-.000341	-.000047
#3	-.000680	-.019097	.000060	-.000768	.001797	.000503

Elem	Sr4077
Units	ppm
Avg	.0000281
Stddev	.0000742
%RSD	263.7220

#1	-.000023
#2	-.000005
#3	.000113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.161	2973.367	47124.82	8432.724	3572.252
Stddev	4.422	1.305	71.65	41.307	4.793
%RSD	.2440233	.0438787	.1520327	.4898409	.1341749

#1	1808.488	2974.110	47046.53	8397.700	3567.630
#2	1817.070	2974.130	47140.80	8478.276	3577.200
#3	1810.925	2971.860	47187.12	8422.195	3571.926

Sample Name: PB125207TB Acquired: 12/03/2019 17:13:53 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000923	-.004040	.0016720	.0023902	.0022706	-.004249
Stddev	.001265	.001402	.0016746	.0025299	.0002760	.007174
%RSD	137.0625	34.69331	100.1573	105.8420	12.15438	168.8360

#1	-.001778	-.002813	-.000248	.0046608	.0025840	-.011827
#2	.000530	-.005568	.002431	-.000337	.0021640	-.003358
#3	-.001521	-.003740	.002833	.002847	.0020639	.002437

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003777	-.000061	.0000079	.0102838	.0009113	-.000638
Stddev	.0003636	.000048	.0000782	.0045058	.0002090	.000095
%RSD	96.26198	77.95475	986.3817	43.81507	22.93749	14.87163

#1	.0003602	-.000014	-.000060	.0081985	.0011521	-.000737
#2	.0000232	-.000110	.000093	.0154545	.0007765	-.000630
#3	.0007498	-.000060	-.000010	.0071983	.0008053	-.000548

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021637	.0100239	-.000136	.0016108	.0016748	.0007736
Stddev	.0012900	.0088876	.000174	.0059343	.0004792	.0005387
%RSD	59.62017	88.66363	128.4984	368.4052	28.61012	69.63662

#1	.0023388	.0003882	-.000319	.0024398	.0021953	.0002667
#2	.0007951	.0179001	-.000116	.0070871	.0012521	.0007148
#3	.0033572	.0117834	.000028	-.004694	.0015770	.0013392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 194.4818	.0019618	.0061108	.0005730	.0014071	-.000649
Stddev	1.5561	.0019068	.0004064	.0173524	.0014509	.000731
%RSD	.8001509	97.19413	6.650479	3028.484	103.1140	112.7006

#1	194.4325	.0039019	.0064332	.0103621	.0003146	.000094
#2	196.0619	.0000901	.0062448	.0108189	.0008533	-.000673
#3	192.9508	.0018934	.0056543	-.019462	.0030534	-.001367

Sample Name: PB125207TB Acquired: 12/03/2019 17:13:53 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000594	F -.011589	.0034742	-.001137	.0009089	.0031018
Stddev	.0001358	.004701	.0005881	.001229	.0005988	.0013045
%RSD	228.6942	40.56338	16.92865	108.0711	65.88940	42.05651

#1	-.000017	-.015298	.0035191	-.000546	.0015772	.0024338
#2	-.000021	-.013168	.0040387	-.000315	.0004210	.0022666
#3	.000216	-.006302	.0028650	-.002549	.0007284	.0046050

Elem	Sr4077
Units	ppm
Avg	.0000017
Stddev	.0000535
%RSD	3088.882

#1	-.000057
#2	.000048
#3	.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.353	2940.911	46535.35	8581.427	3531.152
Stddev	7.931	6.192	79.21	28.297	5.675
%RSD	.4472189	.2105333	.1702250	.3297518	.1607240

#1	1764.229	2934.822	46510.96	8613.466	3527.639
#2	1778.589	2940.711	46471.20	8559.850	3528.117
#3	1777.243	2947.200	46623.89	8570.966	3537.700

Sample Name: PB125129BL Acquired: 12/03/2019 17:17:44 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022951	.0007387	.0007446	-.001928	.0003733	-.008451
Stddev	.0019123	.0011033	.0010401	.002481	.0007773	.002460
%RSD	83.31989	149.3437	139.6811	128.6723	208.2289	29.10536

#1	.0045021	-.000534	.0004167	-.000063	-.000056	-.011200
#2	.0012503	.001415	.0019092	-.000977	-.000095	-.007694
#3	.0011328	.001335	-.000092	-.004745	.001271	-.006459

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000113	.0000800	-.000078	-.000038	-.000400	.0000321
Stddev	.000445	.0000254	.000036	.000492	.000495	.0001986
%RSD	395.1058	31.75962	45.59283	1286.296	123.7000	619.0687

#1	-.000045	.0000787	-.000043	-.000606	-.000058	-.000167
#2	-.000587	.0001060	-.000114	.000238	-.000175	.000033
#3	.000295	.0000552	-.000077	.000253	-.000968	.000230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048075	.0021177	.0000546	.0120868	-.000439	-.000371
Stddev	.0009378	.0092488	.0003510	.0051673	.000302	.000534
%RSD	19.50721	436.7468	642.4400	42.75185	68.80926	143.9853

#1	.0055402	-.007677	.0004004	.0061276	-.000785	-.000029
#2	.0051316	.010702	-.000301	.0148070	-.000309	-.000098
#3	.0037506	.003328	.000065	.0153257	-.000224	-.000987

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.122204	.0015397	-.003057	.0058952	-.000869	-.001933
Stddev	.136579	.0003980	.000262	.0723680	.000708	.000393
%RSD	111.7638	25.85075	8.571066	1227.574	81.48146	20.34500

#1	-.114164	.0015356	-.002778	.0479328	-.001179	-.002300
#2	.010178	.0019397	-.003096	-.077668	-.001370	-.001518
#3	-.262625	.0011437	-.003298	.047420	-.000059	-.001983

Sample Name: PB125129BL Acquired: 12/03/2019 17:17:44 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000364	F -.015144	-.000284	-.001424	.0010359	.0026563
Stddev	.000237	.002553	.001153	.001324	.0007487	.0019653
%RSD	65.25243	16.85794	406.2612	92.94029	72.28169	73.98794

#1	-.000090	-.012296	-.001492	-.002199	.0001740	.0041771
#2	-.000518	-.015911	-.000166	.000104	.0015255	.0033545
#3	-.000483	-.017226	.000806	-.002178	.0014081	.0004372

Elem	Sr4077
Units	ppm
Avg	.0000246
Stddev	.0000643
%RSD	260.9609

#1	.0000132
#2	-.000033
#3	.000094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.957	2993.764	47452.78	8455.550	3601.361
Stddev	3.659	8.045	253.90	34.943	5.334
%RSD	.2003718	.2687234	.5350524	.4132519	.1481086

#1	1828.964	2984.725	47183.78	8484.721	3595.247
#2	1827.024	3000.140	47688.25	8416.824	3603.773
#3	1821.884	2996.427	47486.30	8465.104	3605.062

Sample Name: PB125129TB Acquired: 12/03/2019 17:21:35 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000386	-.005459	-.000139	.0045466	.0020574	.0010472
Stddev	.003770	.001885	.001561	.0020099	.0002376	.0044288
%RSD	976.8375	34.52308	1123.125	44.20663	11.54642	422.9202

#1	-.001009	-.003462	.000030	.0060266	.0019923	-.003849
#2	.003657	-.005709	.001331	.0053547	.0018592	.002217
#3	-.003806	-.007206	-.001778	.0022584	.0023207	.004773

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001233	-.000045	-.000025	.0065746	.0005994	-.000561
Stddev	.0003275	.000049	.000048	.0115079	.0000966	.000248
%RSD	265.5486	109.0390	192.9693	175.0338	16.11623	44.13061

#1	-.000211	-.000057	.000008	.0095634	.0006497	-.000847
#2	.000444	-.000086	-.000003	.0162933	.0006604	-.000411
#3	.000137	.000009	-.000079	-.006133	.0004880	-.000425

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029277	.0088181	-.000135	-.004898	.0019104	.0011526
Stddev	.0030237	.0030827	.000316	.007283	.0001664	.0003722
%RSD	103.2820	34.95822	234.5524	148.6861	8.709035	32.29582

#1	.0056931	.0114043	-.000416	-.013307	.0017750	.0011875
#2	-.000301	.0054069	.000208	-.000688	.0020962	.0015061
#3	.003391	.0096431	-.000196	-.000699	.0018601	.0007641

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 238.7587	.0022194	.0049300	-.028083	.0012149	-.000732
Stddev	.6321	.0015694	.0002999	.069349	.0025529	.000273
%RSD	.2647280	70.71418	6.083641	246.9454	210.1353	37.31453

#1	238.0523	.0021073	.0047943	-.064547	-.001001	-.001042
#2	238.9530	.0038418	.0052738	-.071592	.004006	-.000524
#3	239.2709	.0007090	.0047220	.051891	.000639	-.000631

Sample Name: PB125129TB Acquired: 12/03/2019 17:21:35 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000738	F -.012425	.0029585	-.001950	.0009253	.0035676
Stddev	.0002880	.005222	.0010150	.001095	.0004008	.0016350
%RSD	390.1411	42.02734	34.30849	56.13423	43.31128	45.82852

#1	.0001036	-.015273	.0040558	-.002163	.0012380	.0032295
#2	.0003457	-.006398	.0020533	-.000764	.0010643	.0021281
#3	-.000228	-.015603	.0027663	-.002922	.0004735	.0053452

Elem	Sr4077
Units	ppm
Avg	.0000706
Stddev	.0000424
%RSD	60.09287

#1	.0000730
#2	.0001118
#3	.0000270

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.424	2941.777	46594.19	8508.022	3516.121
Stddev	20.615	7.182	323.37	28.083	6.677
%RSD	1.166377	.2441231	.6940161	.3300821	.1898967

#1	1774.025	2933.849	46724.71	8488.876	3508.523
#2	1744.317	2947.847	46225.96	8540.261	3521.053
#3	1783.929	2943.634	46831.90	8494.929	3518.788

Sample Name: K6022-12 Acquired: 12/03/2019 17:25:56 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000089	-.002394	-.000029	.0036937	-.000826	.0081111	.1763618
Stddev	.0025735	.000455	.001471	.0017145	.001093	.0051578	.0053326
%RSD	29087.00	19.01045	5144.214	46.41736	132.3419	63.58913	3.023692

#1	.0001977	-.002489	-.001240	.0056617	.000436	.0021970	.1820674
#2	.0024827	-.001899	-.000454	.0025230	-.001458	.0116769	.1755142
#3	-.002654	-.002794	.001608	.0028965	-.001457	.0104593	.1715037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000032	3.289894	.0015079	-.000279	.0031478	.0127809
Stddev	.000108	.000124	.093688	.0004143	.000203	.0020081	.0078843
%RSD	1420.906	383.3251	2.847743	27.47225	72.60822	63.79428	61.68831

#1	.000117	-.000134	3.379700	.0015152	-.000502	.0008619	.0177859
#2	-.000074	-.000069	3.297226	.0019184	-.000230	.0046277	.0036924
#3	-.000065	.000106	3.192755	.0010900	-.000105	.0039538	.0168642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208948	.4941592	.0015403	-.000197	175.7241	.0015578	.1011420
Stddev	.0005955	.0043578	.0002499	.000312	5.2831	.0035447	.0051382
%RSD	2.849946	.8818544	16.22592	158.0830	3.006458	227.5387	5.080155

#1	.0215808	.4947280	.0016831	-.000114	180.9614	.0037750	.1061863
#2	.0205120	.4895450	.0016861	-.000542	175.8144	.0034289	.1013248
#3	.0205914	.4982047	.0012517	.000065	170.3964	-.002530	.0959148

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7451222	.0040957	.0247332	-.000223	.2681194	.1309451	.0001146
Stddev	.0793120	.0007846	.0012629	.000215	.0360119	.0099677	.0002692
%RSD	10.64416	19.15600	5.105923	96.68649	13.43128	7.612115	234.8785

#1	.6639494	.0043068	.0260685	-.000453	.3037660	.1415649	-.000192
#2	.7489848	.0032272	.0245730	-.000027	.2688391	.1294785	.000224
#3	.8224322	.0047532	.0235581	-.000188	.2317531	.1217920	.000312

Sample Name: K6022-12 Acquired: 12/03/2019 17:25:56 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010070	.0049718	.0164399
Stddev	.0006903	.0018143	.0005151
%RSD	68.55623	36.49079	3.133416

#1	.0002992	.0069101	.0169425
#2	.0016785	.0046912	.0164642
#3	.0010433	.0033143	.0159131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.367	2985.036	47141.93	8544.623	3593.589
Stddev	14.382	9.763	398.37	22.050	15.039
%RSD	.8041698	.3270601	.8450345	.2580565	.4184960

#1	1798.334	2973.847	47347.36	8521.568	3577.479
#2	1771.880	2989.445	46682.78	8546.793	3596.027
#3	1794.886	2991.818	47395.65	8565.507	3607.260

Sample Name: CCV02 Acquired: 12/03/2019 17:37:10 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952367	4.942630	4.977769	4.909109	4.908182	9.825442	9.993103
Stddev	.011872	.011048	.004614	.008614	.005092	.054509	.050055
%RSD	.2397290	.2235218	.0926958	.1754727	.1037380	.5547737	.5008913

#1	4.945108	4.954557	4.981589	4.916252	4.903179	9.763194	9.937672
#2	4.966068	4.940587	4.972642	4.899543	4.908010	9.864637	10.03500
#3	4.945926	4.932747	4.979076	4.911532	4.913358	9.848496	10.00664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2448924	2.473659	25.01071	1.000784	2.460831	1.231069	4.982024
Stddev	.0000966	.003770	.11541	.004191	.004283	.006780	.024290
%RSD	.0394587	.1524117	.4614319	.4187615	.1740548	.5507454	.4875440

#1	.2448371	2.474329	24.87748	1.003871	2.458791	1.224474	4.954912
#2	.2448362	2.469599	25.07967	1.002469	2.457949	1.238020	4.989362
#3	.2450040	2.477050	25.07498	.996013	2.465753	1.230712	5.001799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507434	24.74443	2.458585	1.247685	25.15793	2.460471	2.502395
Stddev	.013884	.12202	.002630	.011597	.49390	.016200	.042131
%RSD	.5536934	.4931046	.1069564	.9294698	1.963197	.6584252	1.683608

#1	2.491821	24.61210	2.458880	1.248638	25.34937	2.443842	2.488266
#2	2.512090	24.76871	2.455820	1.235641	25.52746	2.476205	2.469145
#3	2.518391	24.85248	2.461054	1.258776	24.59697	2.461368	2.549774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.79968	4.929845	5.000515	4.949690	4.857577	4.881640	4.877184
Stddev	.12426	.021348	.004132	.003688	.016917	.017963	.002529
%RSD	.5010537	.4330279	.0826276	.0745046	.3482542	.3679614	.0518586

#1	24.67288	4.954326	4.997976	4.947972	4.871404	4.878099	4.874692
#2	24.92123	4.920108	4.998286	4.947175	4.862613	4.865712	4.877110
#3	24.80494	4.915103	5.005283	4.953924	4.838715	4.901110	4.879749

Sample Name: CCV02 Acquired: 12/03/2019 17:37:10 Type: Unk
 Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.970183	4.886703	4.965335
Stddev	.025949	.029220	.057639
%RSD	.5221019	.5979540	1.160822

#1	4.940775	4.855889	4.921724
#2	4.979913	4.914014	5.030681
#3	4.989861	4.890207	4.943599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.299	2943.133	46761.79	8475.128	3514.054
Stddev	18.177	2.940	213.70	47.875	8.389
%RSD	1.010777	.0998971	.4569888	.5648941	.2387179

#1	1793.952	2939.743	46547.72	8434.940	3504.370
#2	1818.254	2944.981	46975.11	8462.347	3519.099
#3	1782.689	2944.675	46762.54	8528.097	3518.692

Sample Name: CCB02 Acquired: 12/03/2019 17:40:50 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026421	.0019401	.0012551	-.000527	.0023374	-.005587
Stddev	.0014745	.0002866	.0010610	.001418	.0003285	.010550
%RSD	55.80782	14.77047	84.53427	269.2600	14.05484	188.8235

#1	.0010491	.0020642	.0018977	.001110	.0024683	-.004060
#2	.0039591	.0016124	.0018372	-.001312	.0019636	-.016818
#3	.0029180	.0021438	.0000305	-.001379	.0025802	.004116

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002390	.0000670	.0001053	.0054710	-.000124	-.000231
Stddev	.0003792	.0000967	.0000567	.0076570	.000256	.000407
%RSD	158.6972	144.4479	53.90769	139.9555	206.8829	176.1776

#1	.0004642	.0001166	.0000440	.0075937	.000083	-.000398
#2	-.000199	.0001288	.0001560	.0118427	-.000410	.000233
#3	.000452	-.000045	.0001158	-.003023	-.000044	-.000527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043613	.0031639	.0000814	.0117364	-.000187	-.000280
Stddev	.0008287	.0026547	.0001911	.0213518	.000186	.000127
%RSD	19.00039	83.90637	234.6813	181.9277	99.29462	45.43363

#1	.0035997	.0062284	-.000018	.0321984	-.000387	-.000220
#2	.0042406	.0016924	-.000039	-.010406	-.000021	-.000193
#3	.0052438	.0015708	.000302	.013417	-.000152	-.000425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.116947	.0006025	-.002892	.0638802	.0000252	.0240274
Stddev	.192894	.0007471	.000225	.0812327	.0015046	.0015556
%RSD	164.9411	124.0071	7.769577	127.1641	5979.568	6.474193

#1	-.090784	.0003393	-.002635	.1553708	-.000586	.0257595
#2	-.321588	.0014455	-.002987	.0360474	-.001078	.0235735
#3	.061530	.0000225	-.003053	.0002225	.001739	.0227493

Sample Name: CCB02 Acquired: 12/03/2019 17:40:50 Type: Unk
Method: NON EPA-6010-200.7(v185) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004954	F -.017793	.0035333	.0015648	.0015533	.0082077
Stddev	.0001728	.003439	.0008314	.0011930	.0004483	.0011790
%RSD	34.87778	19.32968	23.52994	76.24454	28.85989	14.36402

#1	.0006849	-.014070	.0044741	.0029259	.0020701	.0095666
#2	.0003466	-.020851	.0032281	.0007001	.0012708	.0074566
#3	.0004547	-.018459	.0028976	.0010683	.0013188	.0076000

Elem	Sr4077
Units	ppm
Avg	.0002561
Stddev	.0001583
%RSD	61.79853

#1	.0004012
#2	.0002797
#3	.0000873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.537	2989.799	47216.75	8475.252	3598.397
Stddev	12.381	6.698	518.06	27.386	5.720
%RSD	.6827043	.2240140	1.097194	.3231341	.1589708

#1	1799.242	2992.261	46629.13	8452.429	3601.290
#2	1820.555	2994.917	47607.55	8467.708	3602.093
#3	1820.815	2982.219	47413.58	8505.620	3591.808