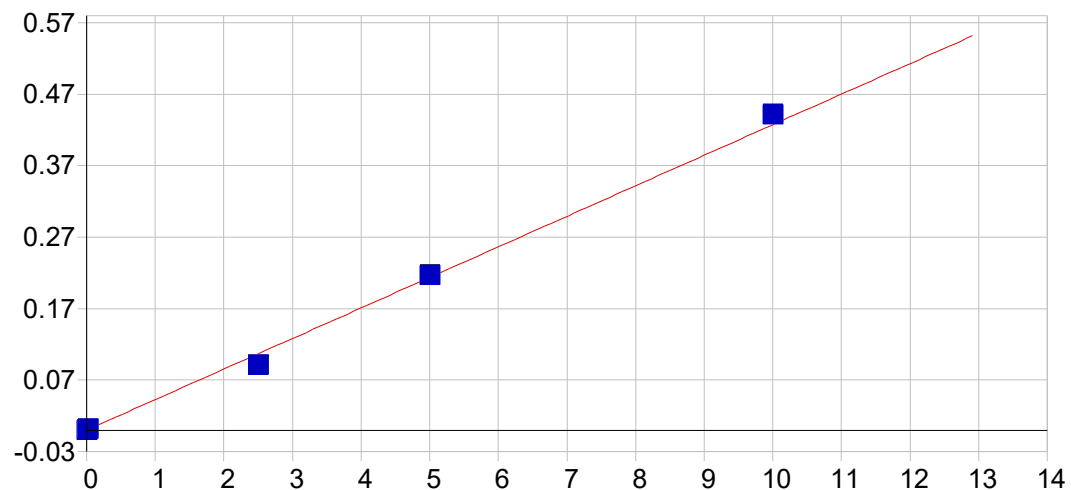


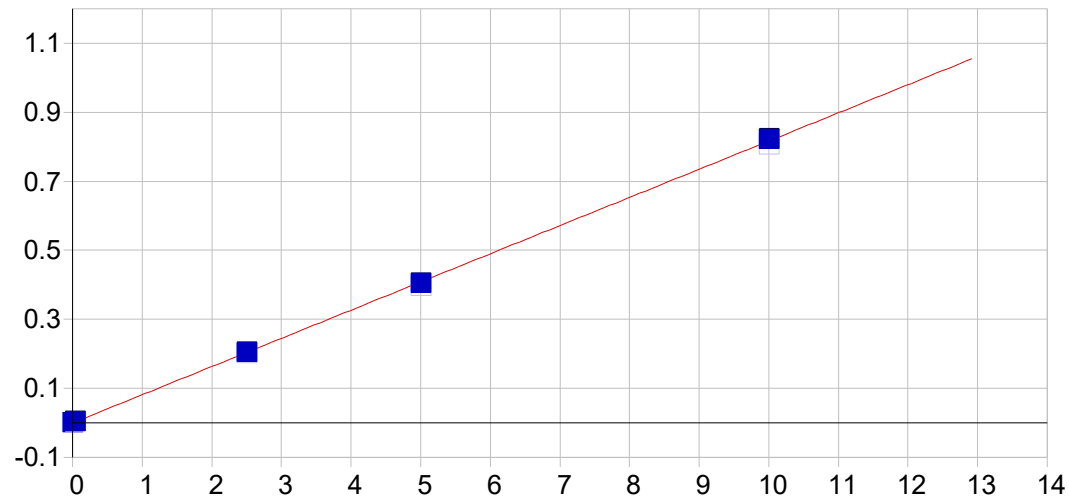


As 189.042 {479}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000044 Re-Slope: 1.000000
 A1 (Gain): 0.042748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998014 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.004529
 Predicted MQL: 0.015098

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.02000	.02588	.006	29.4	.00107	.000	1
S3	2.5000	2.1202	-.380	-15.2	.09073	.000	1
S4	5.0000	5.0604	.060	1.21	.21655	.000	1
S5	10.000	10.313	.313	3.13	.44139	.000	1

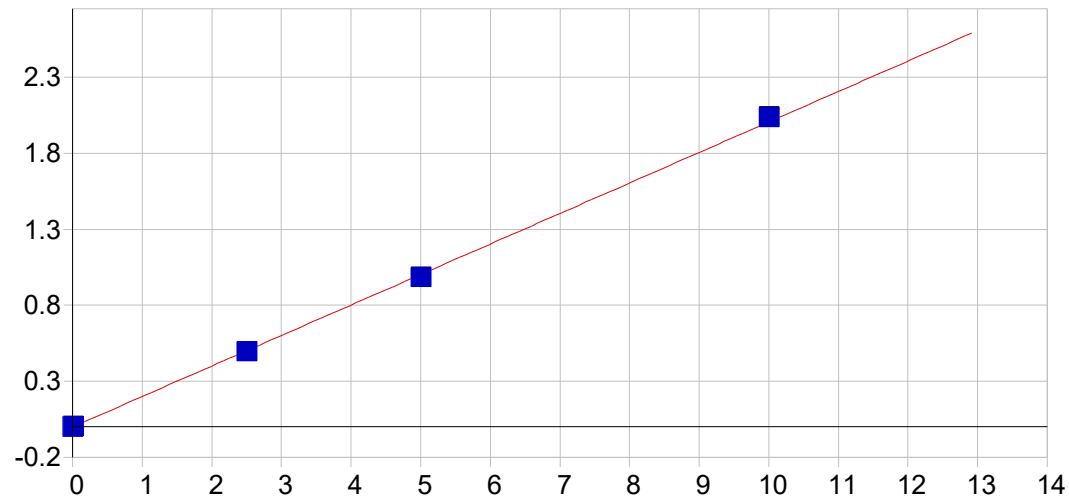


TI 190.856 {477}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.081683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002211
 Predicted MQL: 0.007369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.04000	.03816	-.002	-4.59	.00285	.000	1
S3	2.5000	2.5004	.000	.015	.19984	.001	1
S4	5.0000	4.9462	-.054	-1.08	.39535	.001	1
S5	10.000	10.055	.055	.552	.80414	.002	1

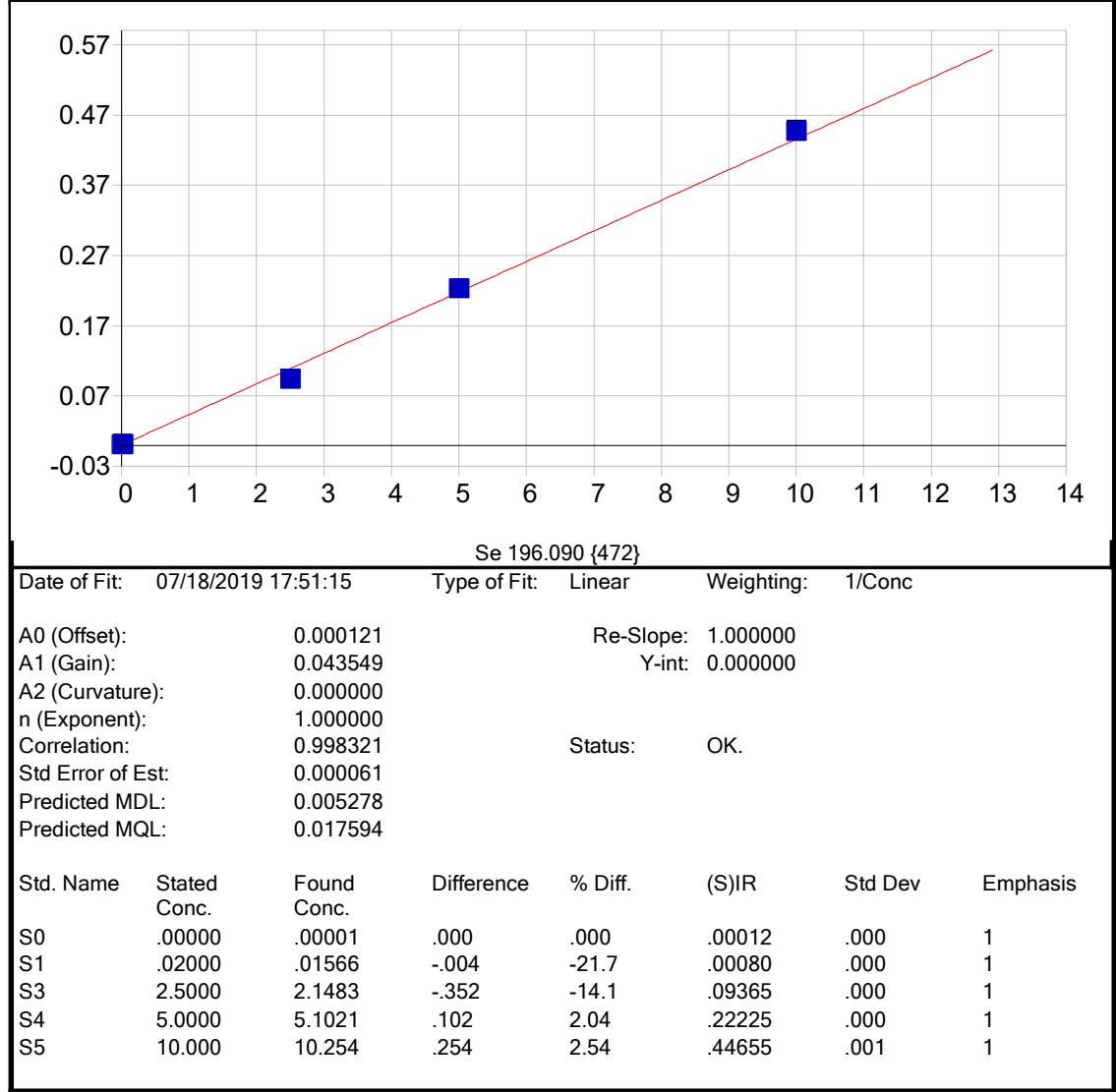


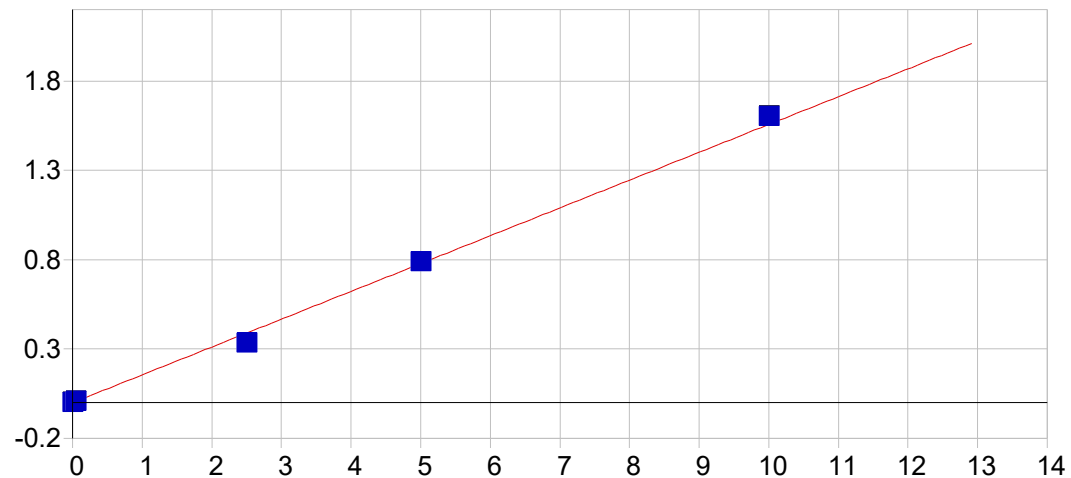
Pb 220.353 (453)

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000388 Re-Slope: 1.000000
 A1 (Gain): 0.200579 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002059
 Predicted MQL: 0.006863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.01200	.01055	-.001	-12.1	.00168	.000	1
S3	2.5000	2.4657	-.034	-1.37	.49347	.001	1
S4	5.0000	4.8999	-.100	-2.00	.98102	.001	1
S5	10.000	10.136	.136	1.36	2.0298	.007	1



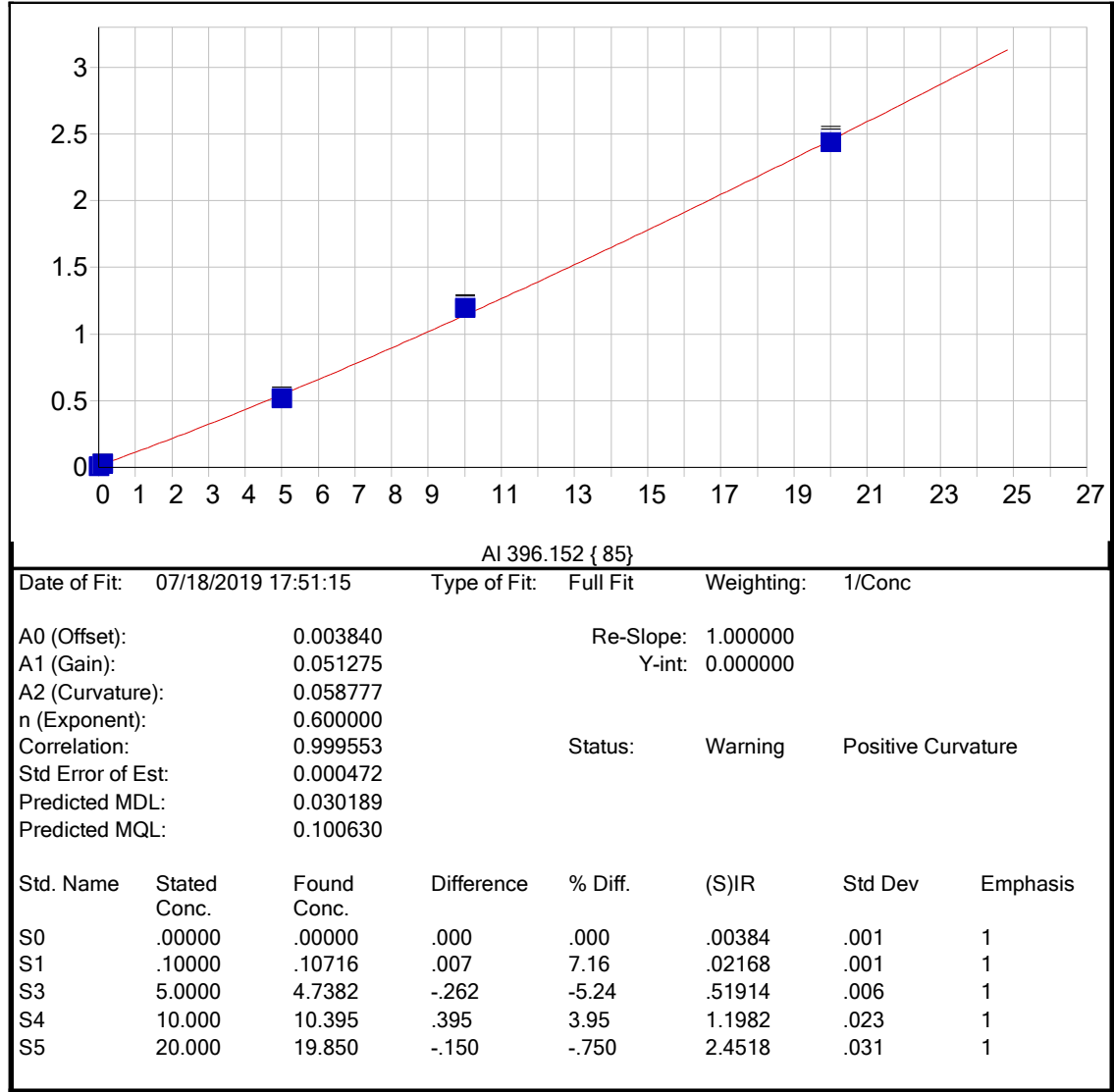


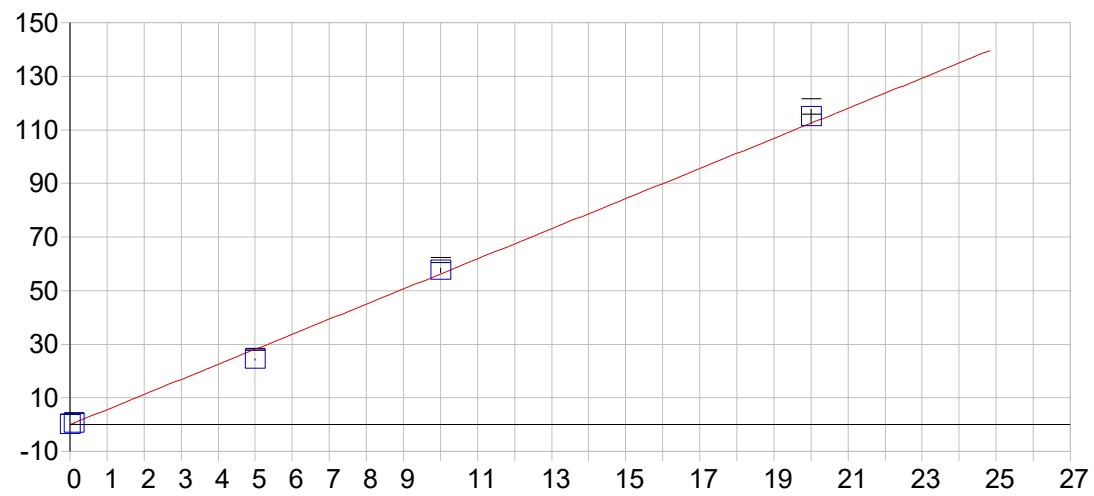
Sb 206.833 {463}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.155710 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998184 Status: OK.
 Std Error of Est: 0.000359
 Predicted MDL: 0.002141
 Predicted MQL: 0.007135

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.05000	.05491	.005	9.81	.00845	.000	1
S3	2.5000	2.1333	-.367	-14.7	.33207	.001	1
S4	5.0000	5.0656	.066	1.31	.78862	.001	1
S5	10.000	10.296	.296	2.96	1.6030	.003	1



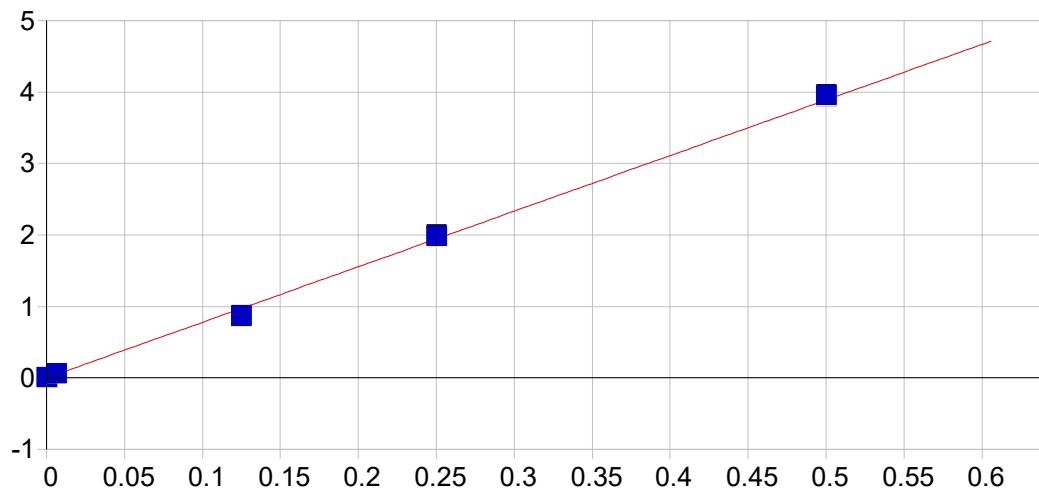


Ba 493.409 { 68}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011222 Re-Slope: 1.000000
 A1 (Gain): 5.621723 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998500 Status: OK.
 Std Error of Est: 0.023563
 Predicted MDL: 0.000580
 Predicted MQL: 0.001934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01122	.002	1
S1	.10000	.10776	.008	7.76	.59457	.004	1
S3	5.0000	4.3284	-.672	-13.4	24.322	.382	1
S4	10.000	10.226	.226	2.26	57.474	.945	1
S5	20.000	20.438	.438	2.19	114.89	2.87	1

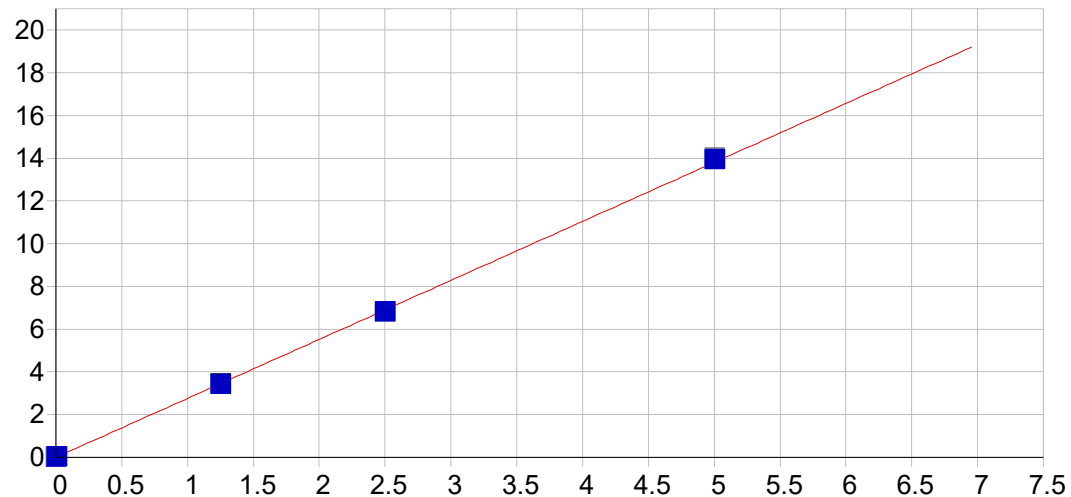


Be 234.861 {144}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000401 Re-Slope: 1.000000
 A1 (Gain): 7.777038 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998869 Status: OK.
 Std Error of Est: 0.001091
 Predicted MDL: 0.000100
 Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.001	1
S1	.00600	.00695	.001	15.8	.05393	.001	1
S3	.12500	.11092	-.014	-11.3	.85649	.005	1
S4	.25000	.25509	.005	2.03	1.9712	.018	1
S5	.50000	.50805	.008	1.61	3.9254	.011	1

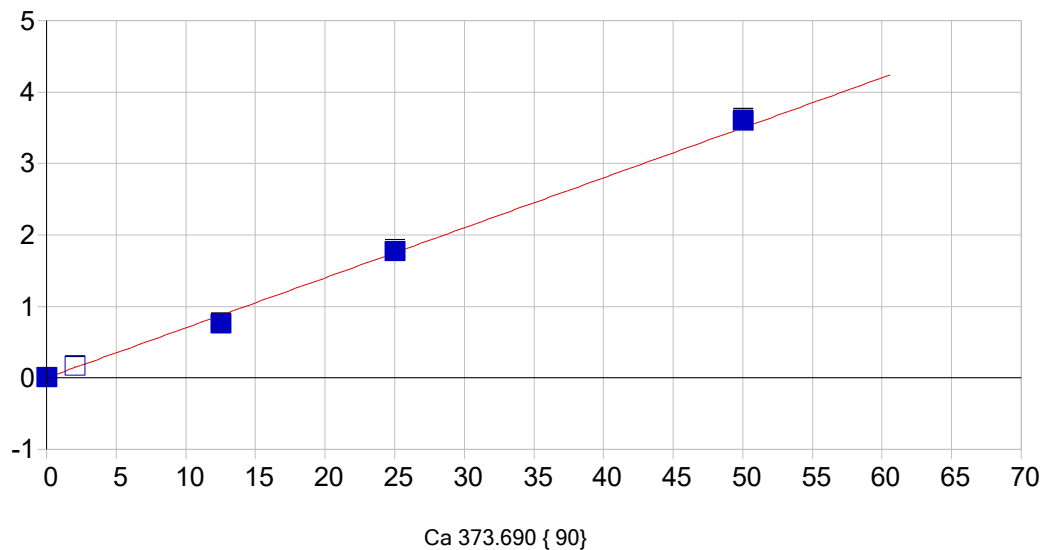


Cd 214.438 {457}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000459 Re-Slope: 1.000000
 A1 (Gain): 2.761442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000307
 Predicted MDL: 0.000105
 Predicted MQL: 0.000350

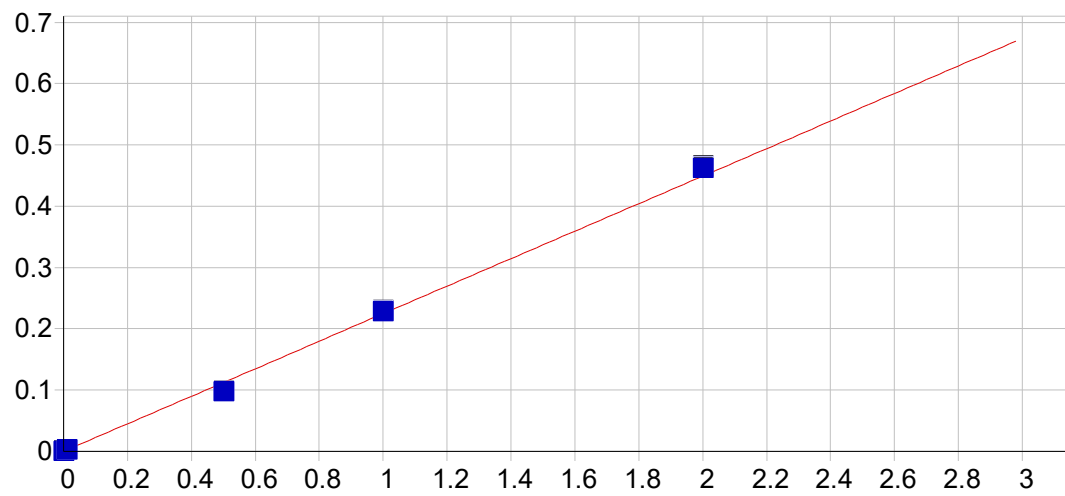
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.00600	.00625	.000	4.15	.01772	.001	1
S3	1.2500	1.2409	-.009	-.726	3.4274	.003	1
S4	2.5000	2.4592	-.041	-1.63	6.7917	.012	1
S5	5.0000	5.0496	.050	.993	13.946	.036	1



Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001254 Re-Slope: 1.000000
 A1 (Gain): 0.069966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998209 Status: OK.
 Std Error of Est: 0.002287
 Predicted MDL: 0.021214
 Predicted MQL: 0.070713

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.00125	.001	1
S2	2.0000	2.2653	.265	13.3	.15975	.003	1
S3	12.500	10.731	-1.77	-14.2	.75172	.012	1
S4	25.000	25.200	.200	.802	1.7637	.029	1
S5	50.000	51.303	1.30	2.61	3.5893	.035	1

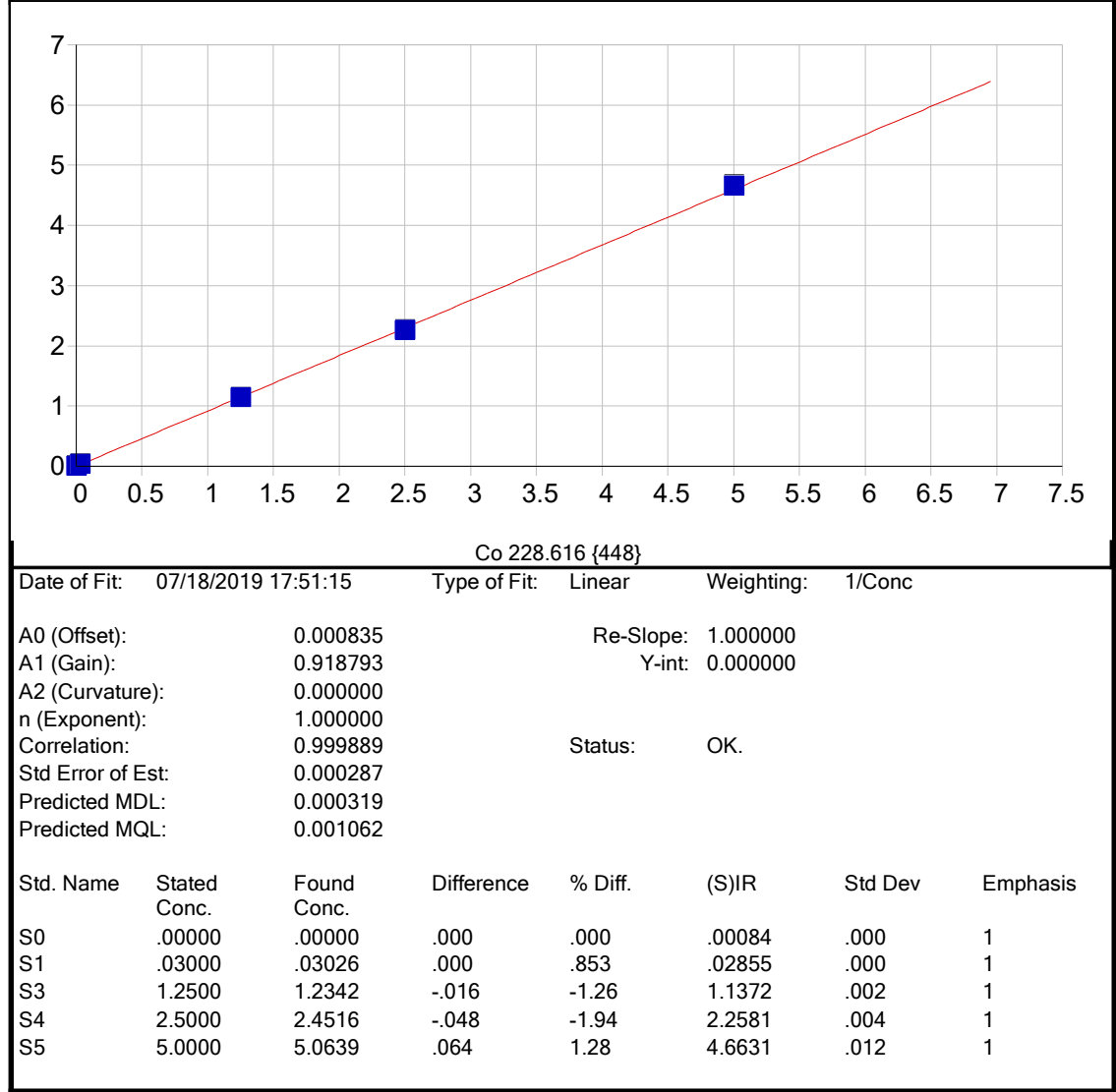


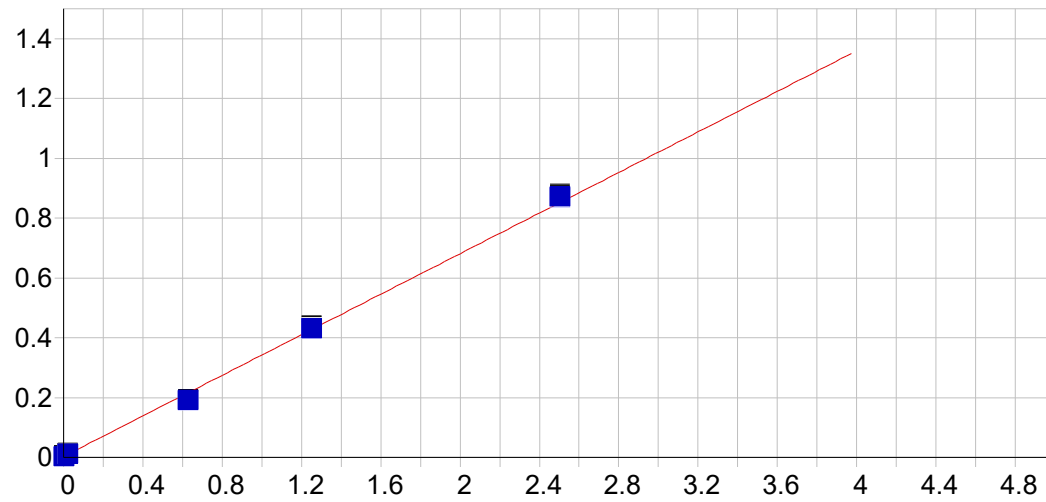
Cr 267.716 {126}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.224496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998428 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000612
 Predicted MQL: 0.002039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.01000	.00987	-.000	-1.26	.00243	.000	1
S3	.50000	.43097	-.069	-13.8	.09772	.001	1
S4	1.0000	1.0153	.015	1.53	.22969	.000	1
S5	2.0000	2.0539	.054	2.69	.46443	.001	1



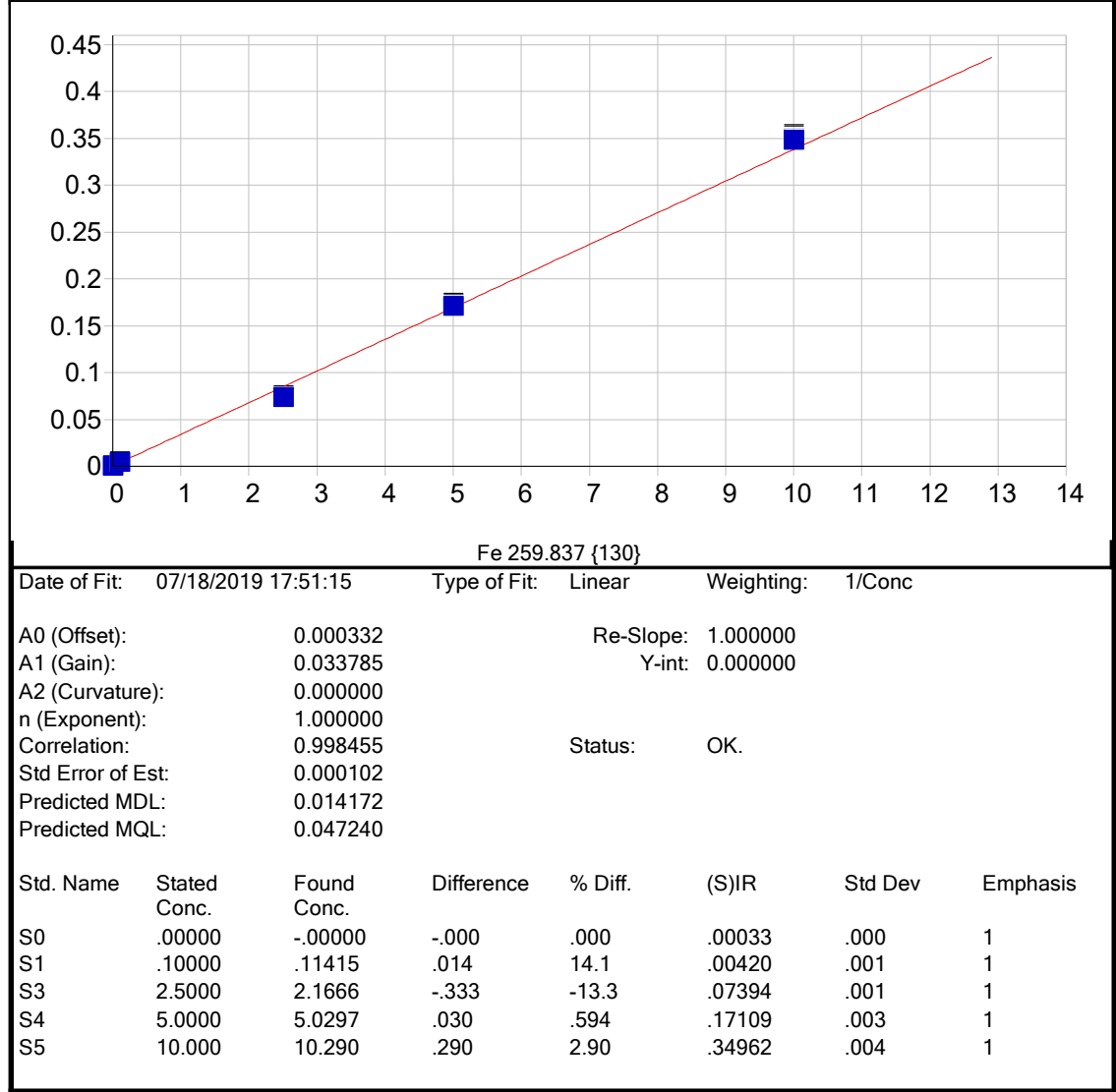


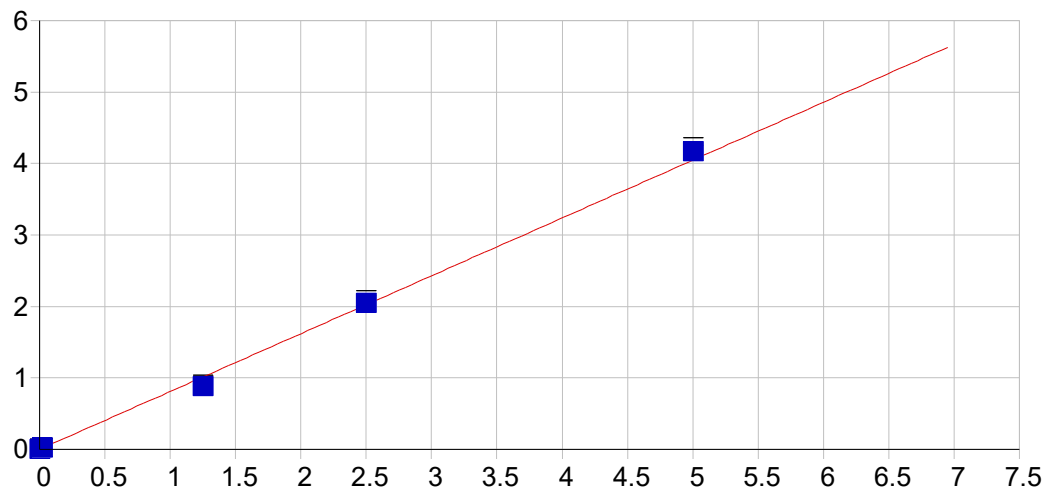
Cu 324.754 {104}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003123 Re-Slope: 1.000000
 A1 (Gain): 0.339074 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998711 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.002929
 Predicted MQL: 0.009762

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00312	.001	1
S1	.02000	.02467	.005	23.3	.01148	.000	1
S3	.62500	.55139	-.074	-11.8	.18897	.002	1
S4	1.2500	1.2598	.010	.782	.42806	.008	1
S5	2.5000	2.5592	.059	2.37	.86642	.009	1



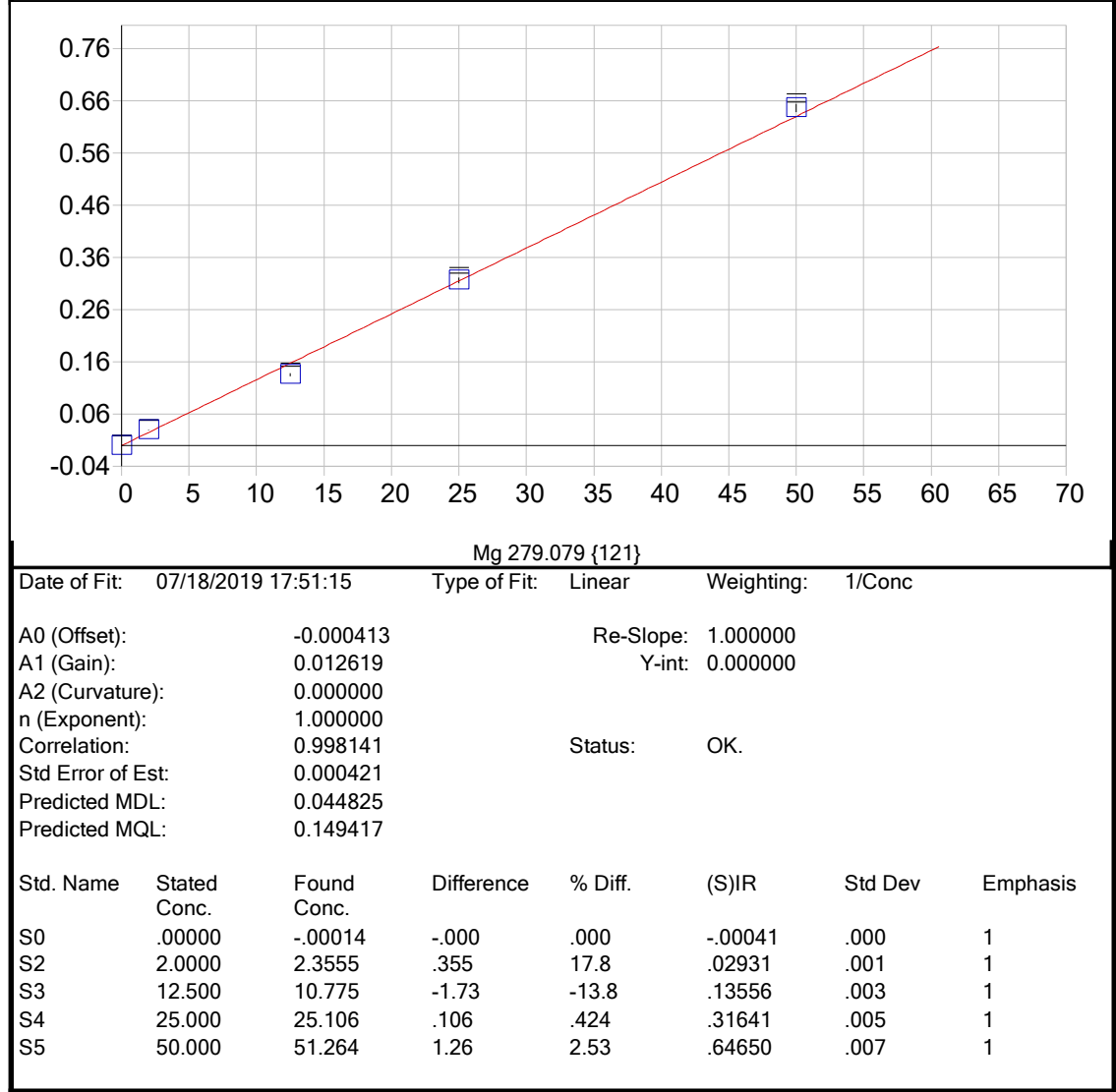


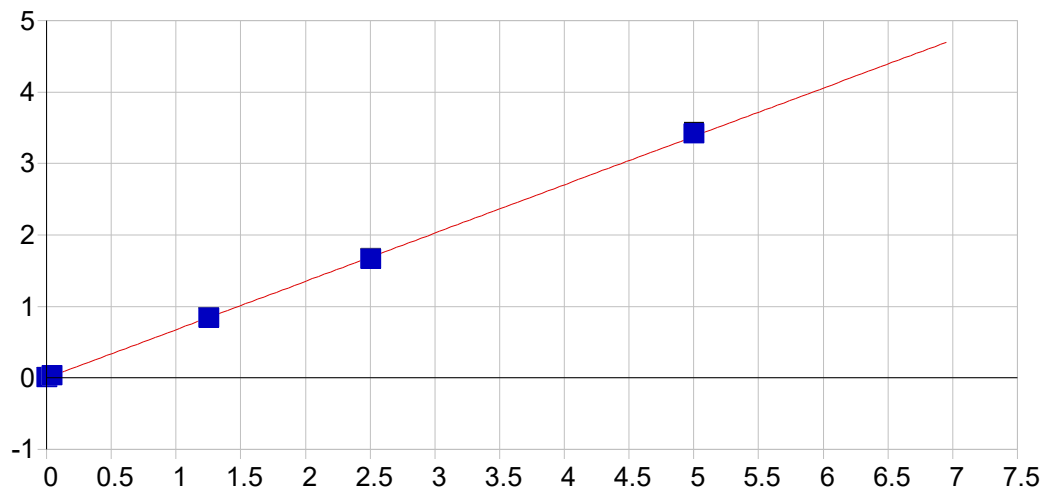
Mn 257.610 {131}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000678 Re-Slope: 1.000000
 A1 (Gain): 0.809340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998487 Status: OK.
 Std Error of Est: 0.000762
 Predicted MDL: 0.000672
 Predicted MQL: 0.002242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00068	.000	1
S1	.02000	.02213	.002	10.6	.01859	.000	1
S3	1.2500	1.0835	-.166	-13.3	.87782	.015	1
S4	2.5000	2.5228	.023	.913	2.0429	.039	1
S5	5.0000	5.1415	.141	2.83	4.1626	.054	1



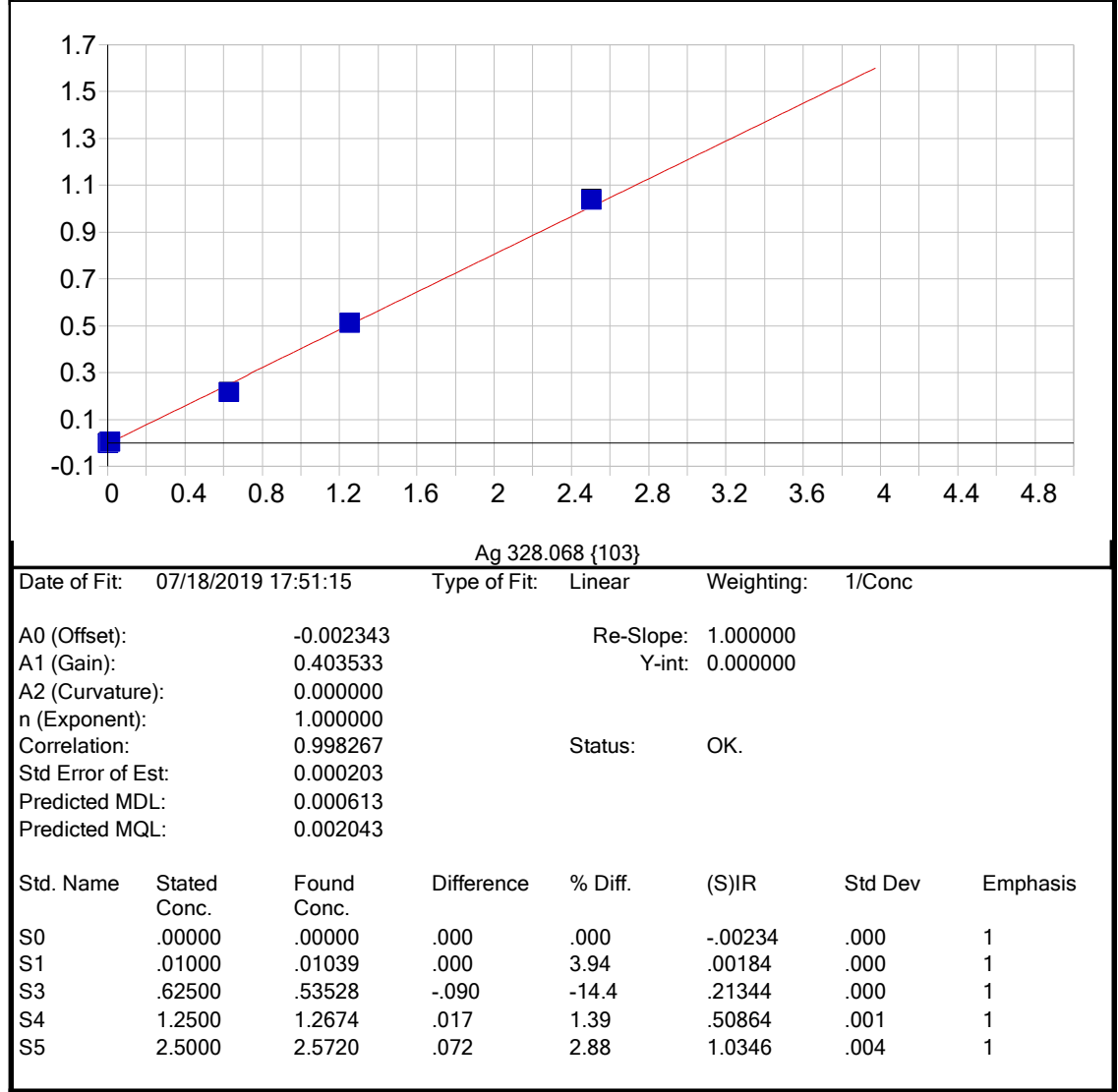


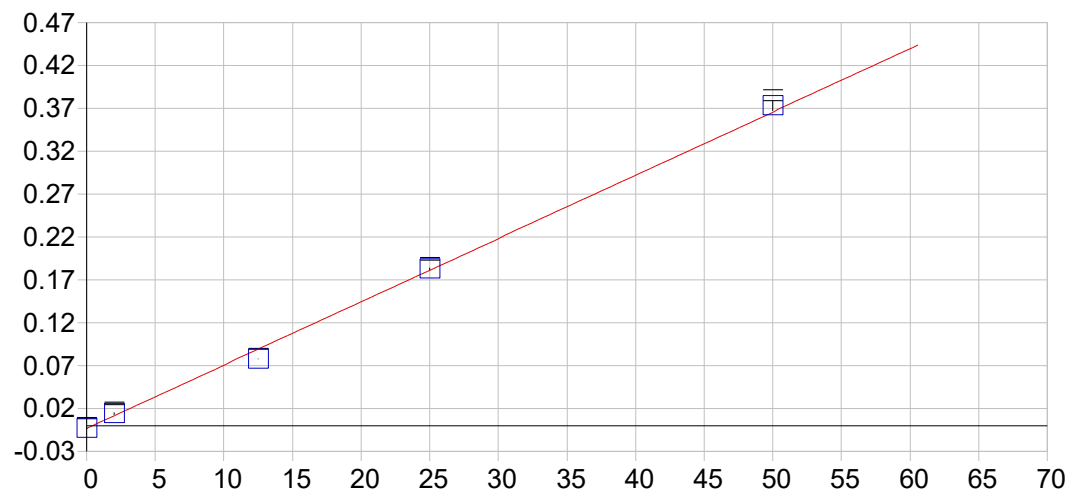
Ni 231.604 {446}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001336 Re-Slope: 1.000000
 A1 (Gain): 0.676029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000211
 Predicted MDL: 0.000496
 Predicted MQL: 0.001652

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00134	.000	1
S1	.04000	.04088	.001	2.20	.02632	.000	1
S3	1.2500	1.2357	-.014	-1.14	.83485	.003	1
S4	2.5000	2.4587	-.041	-1.65	1.6624	.005	1
S5	5.0000	5.0548	.055	1.10	3.4191	.011	1



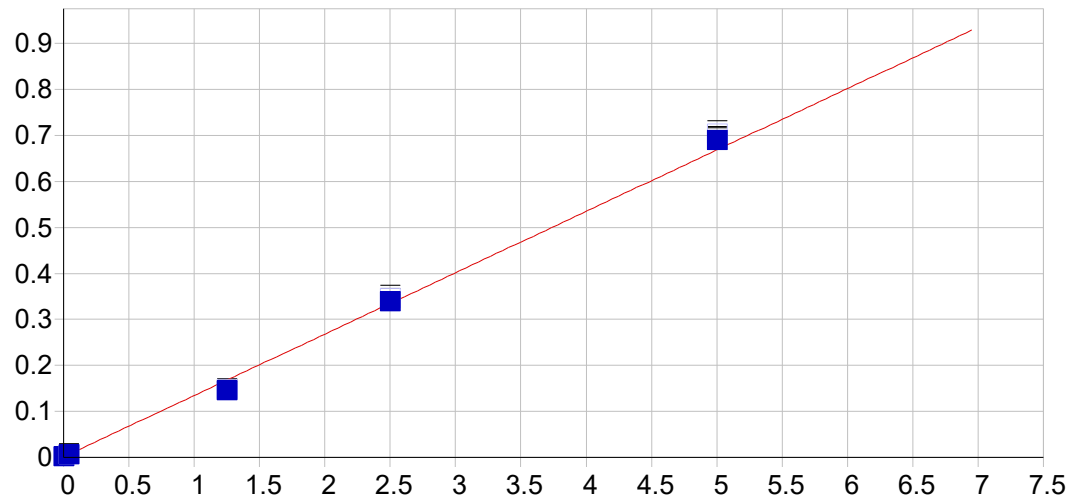


Na 818.326 { 41}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003156 Re-Slope: 1.000000
 A1 (Gain): 0.007378 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998442 Status: OK.
 Std Error of Est: 0.000225
 Predicted MDL: 0.403368
 Predicted MQL: 1.344559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	-.00316	.001	1
S2	2.0000	2.3645	.365	18.2	.01429	.001	1
S3	12.500	10.952	-1.55	-12.4	.07765	.000	1
S4	25.000	25.179	.179	.715	.18261	.002	1
S5	50.000	51.004	1.00	2.01	.37315	.006	1

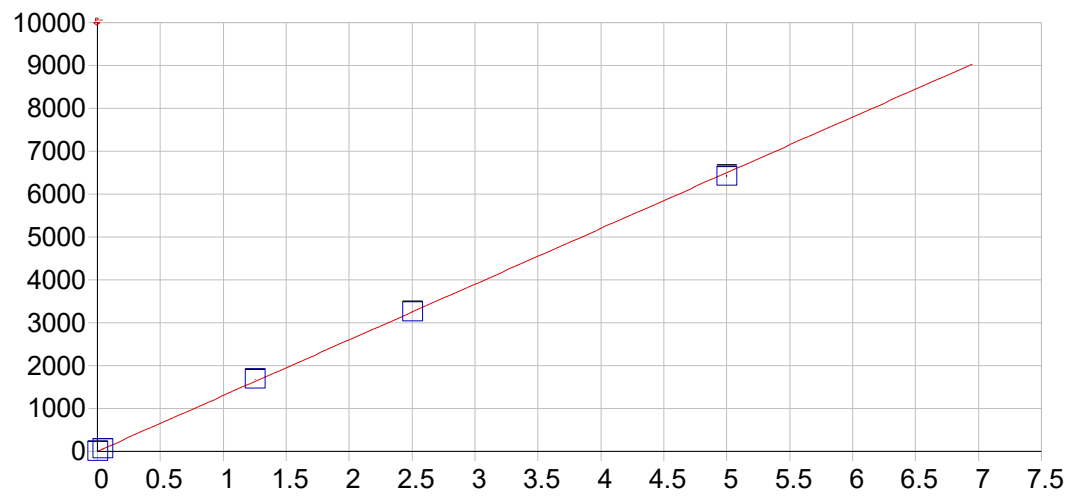


V 292.402 {115}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001157 Re-Slope: 1.000000
 A1 (Gain): 0.133443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998342 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.004938
 Predicted MQL: 0.016459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00116	.000	1
S1	.04000	.03511	-.005	-12.2	.00611	.001	1
S3	1.2500	1.0740	-.176	-14.1	.14780	.001	1
S4	2.5000	2.5275	.028	1.10	.34509	.007	1
S5	5.0000	5.1535	.154	3.07	.70215	.008	1

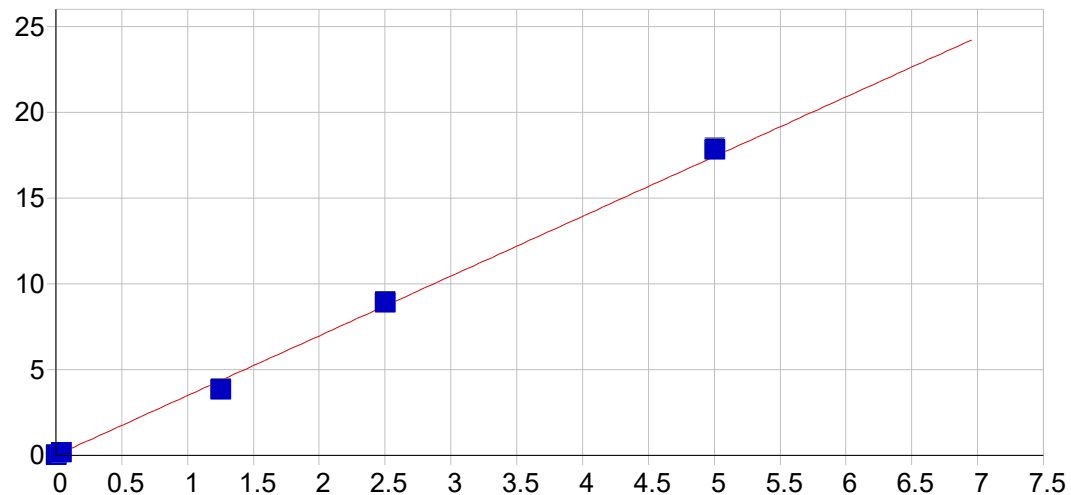


Zn 206.200 (464)

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.054689 Re-Slope: 1.000000
 A1 (Gain): 1299.096542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.552108
 Predicted MDL: 0.000412
 Predicted MQL: 0.001372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	3.0481	.377	1
S1	.04000	.04394	.004	9.86	60.141	1.03	1
S3	1.2500	1.2954	.045	3.63	1685.8	8.11	1
S4	2.5000	2.5078	.008	.313	3261.0	8.76	1
S5	5.0000	4.9429	-.057	-1.14	6424.3	25.1	1

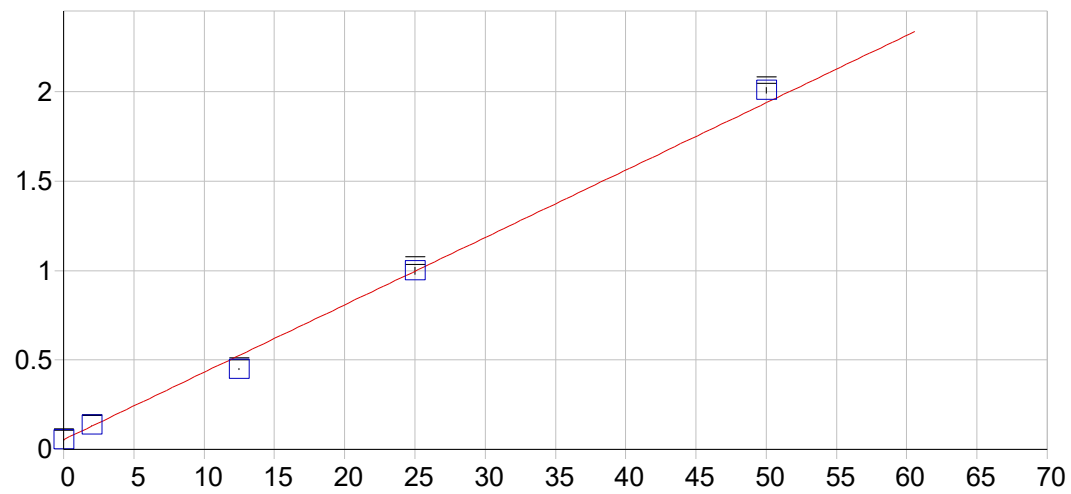


Zn 213.856 {158}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008537 Re-Slope: 1.000000
 A1 (Gain): 3.481016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998712 Status: OK.
 Std Error of Est: 0.004302
 Predicted MDL: 0.000392
 Predicted MQL: 0.001307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00854	.000	1
S1	.04000	.04253	.003	6.32	.15738	.002	1
S3	1.2500	1.0935	-.157	-12.5	3.8395	.014	1
S4	2.5000	2.5458	.046	1.83	8.9196	.035	1
S5	5.0000	5.1082	.108	2.16	17.888	.029	1

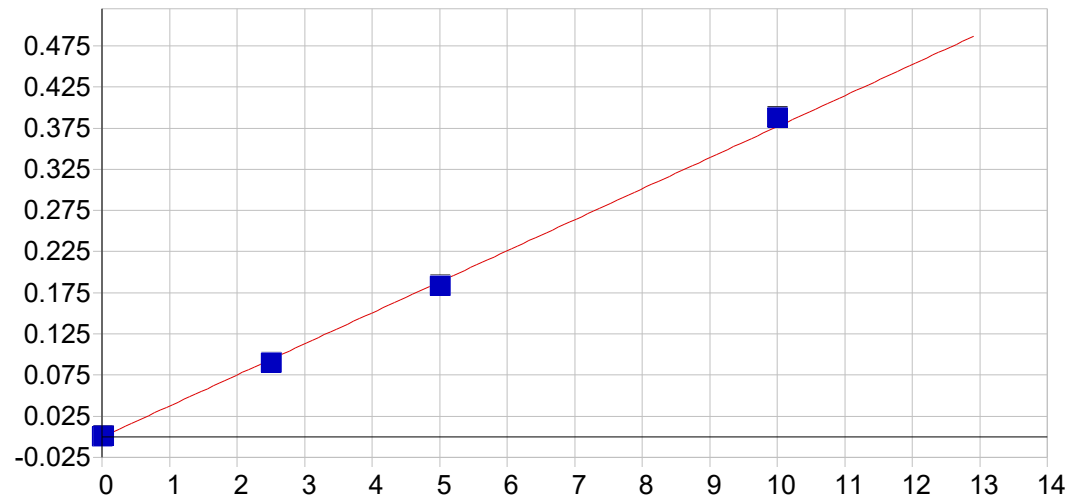


K 769.896 { 44 }

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.054563 Re-Slope: 1.000000
 A1 (Gain): 0.037683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997729 Status: OK.
 Std Error of Est: 0.001388
 Predicted MDL: 0.081742
 Predicted MQL: 0.272473

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00011	.000	.000	.05457	.003	1
S2	2.0000	2.1417	.142	7.08	.13527	.002	1
S3	12.500	10.467	-2.03	-16.3	.44897	.007	1
S4	25.000	25.065	.065	.260	.99908	.021	1
S5	50.000	51.827	1.83	3.65	2.0075	.018	1

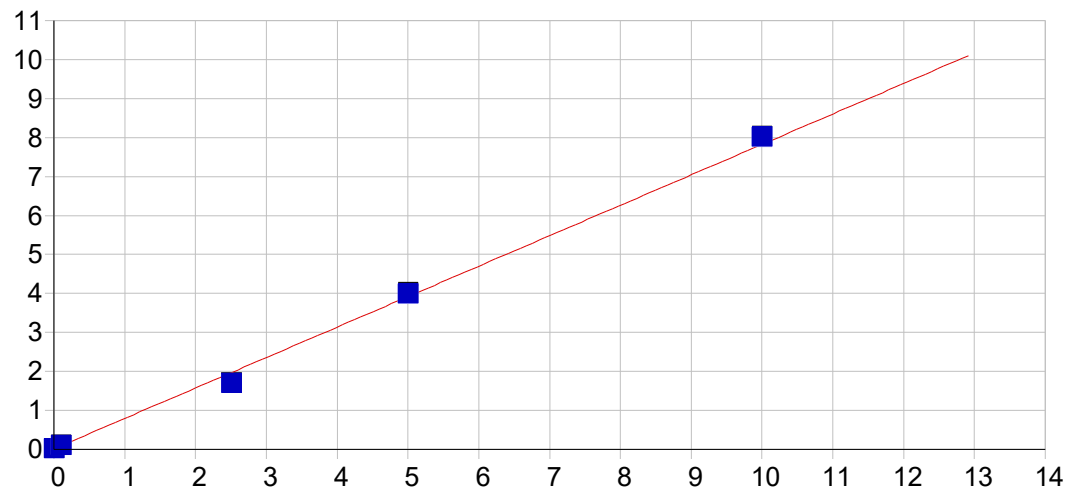


P 177.495 {490}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000233 Re-Slope: 1.000000
 A1 (Gain): 0.037693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003549
 Predicted MQL: 0.011831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02000	.01842	-.002	-7.88	.00047	.000	1
S3	2.5000	2.3805	-.119	-4.78	.08971	.000	1
S4	5.0000	4.8554	-.145	-2.89	.18322	.001	1
S5	10.000	10.266	.266	2.66	.38758	.001	1

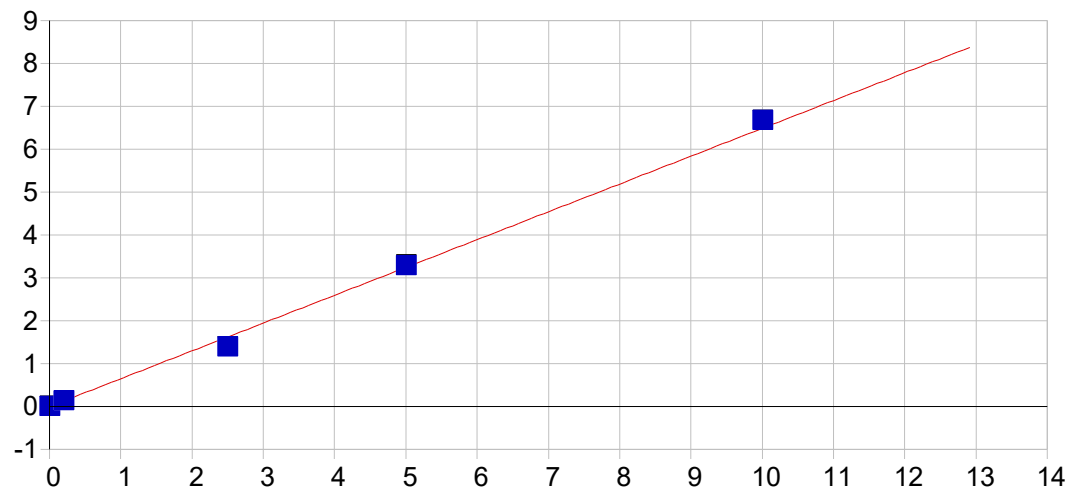


B 249.678 {135}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012692 Re-Slope: 1.000000
 A1 (Gain): 0.781122 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998450 Status: OK.
 Std Error of Est: 0.002351
 Predicted MDL: 0.001309
 Predicted MQL: 0.004363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01270	.001	1
S1	.10000	.10288	.003	2.88	.09275	.001	1
S3	2.5000	2.1589	-.341	-13.6	1.6946	.005	1
S4	5.0000	5.0894	.089	1.79	3.9792	.032	1
S5	10.000	10.249	.249	2.49	8.0004	.006	1

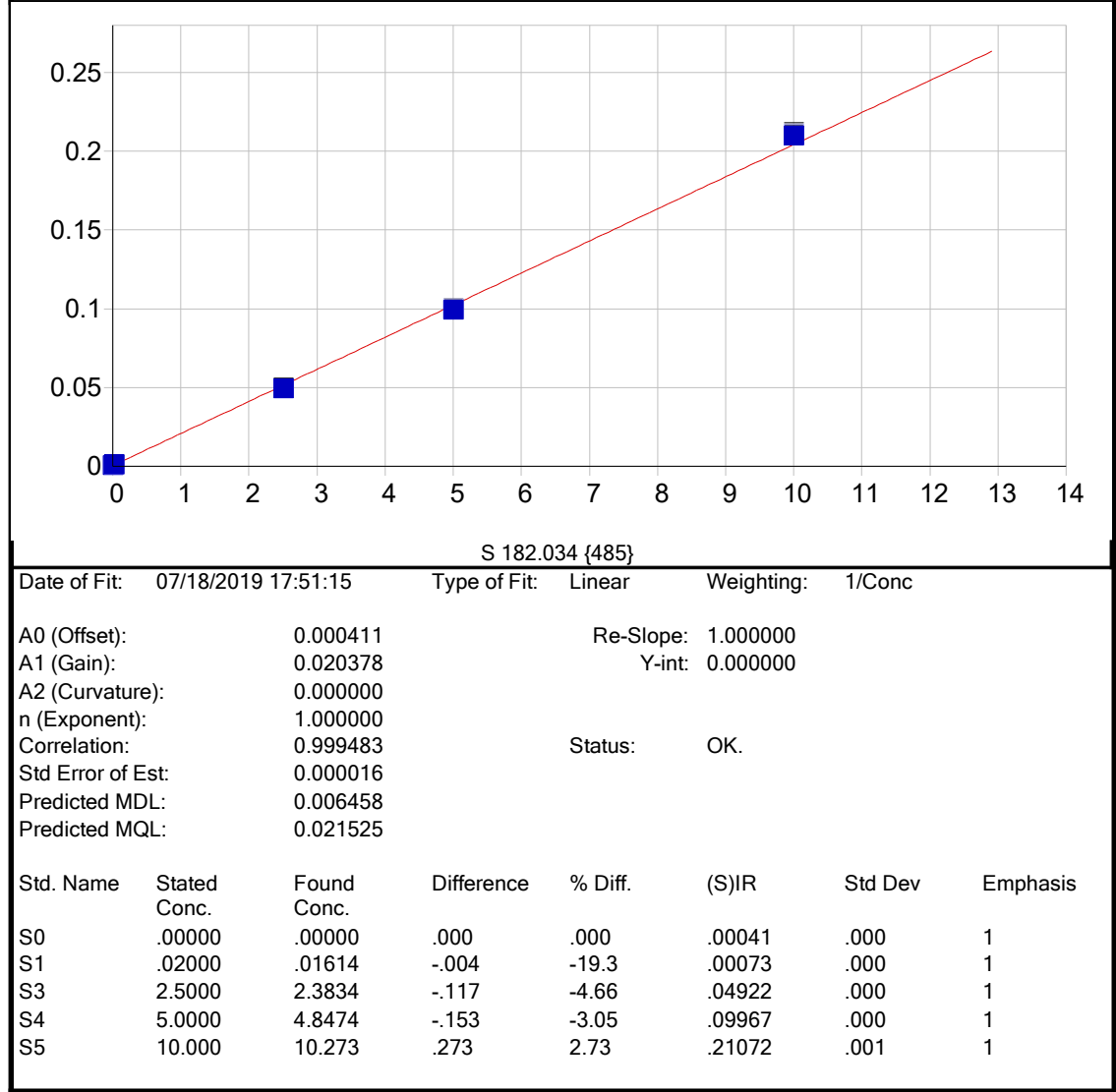


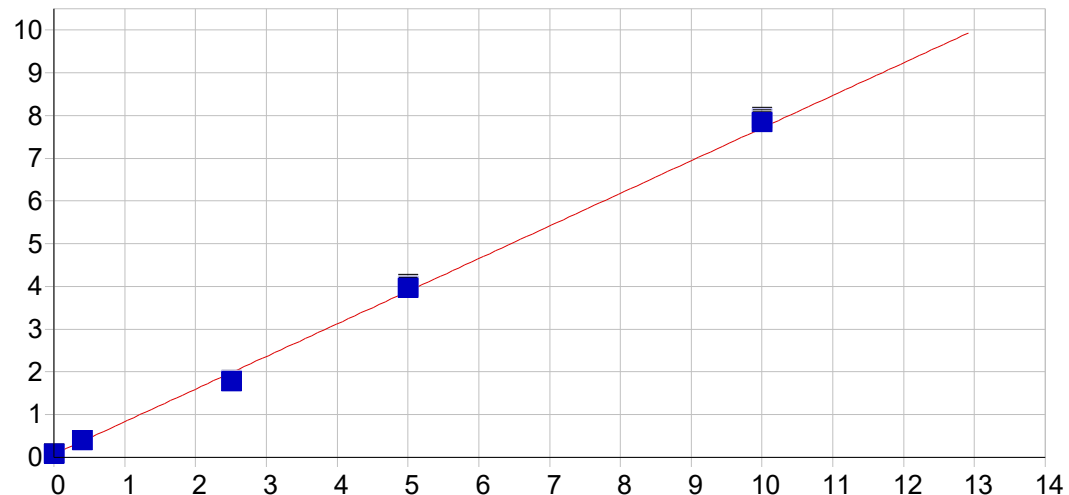
Mo 202.030 {467}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.648667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998208 Status: OK.
 Std Error of Est: 0.002986
 Predicted MDL: 0.000405
 Predicted MQL: 0.001350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00050	.000	1
S1	.20000	.21652	.017	8.26	.13996	.000	1
S3	2.5000	2.1343	-.366	-14.6	1.3843	.001	1
S4	5.0000	5.0693	.069	1.39	3.2885	.005	1
S5	10.000	10.280	.280	2.80	6.6691	.010	1



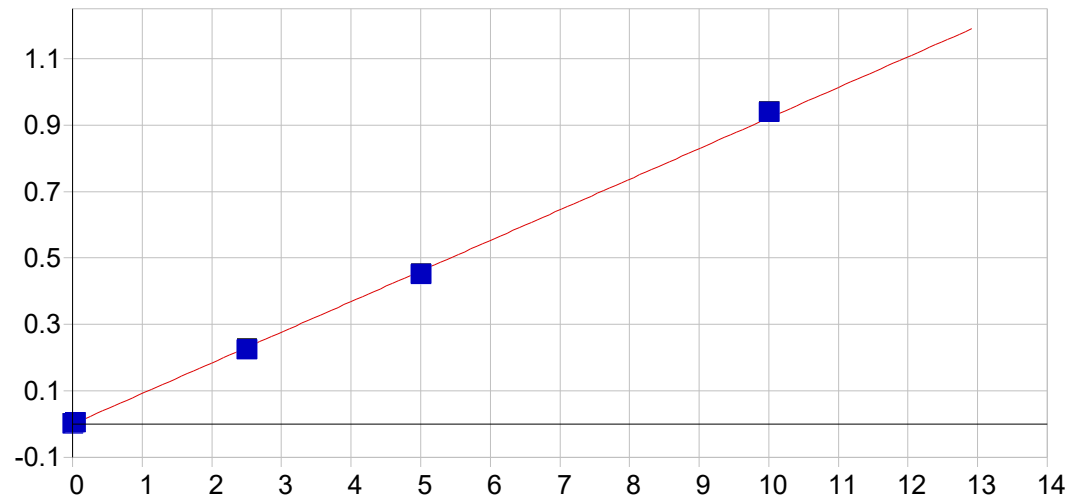


Si 251.611 {134}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.070309 Re-Slope: 1.000000
 A1 (Gain): 0.763684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999038 Status: OK.
 Std Error of Est: 0.003701
 Predicted MDL: 0.001387
 Predicted MQL: 0.004624

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.07032	.000	1
S1	.40000	.41159	.012	2.90	.38610	.003	1
S3	2.5000	2.2248	-.275	-11.0	1.7919	.008	1
S4	5.0000	5.0957	.096	1.91	4.0067	.035	1
S5	10.000	10.168	.168	1.68	7.9253	.022	1

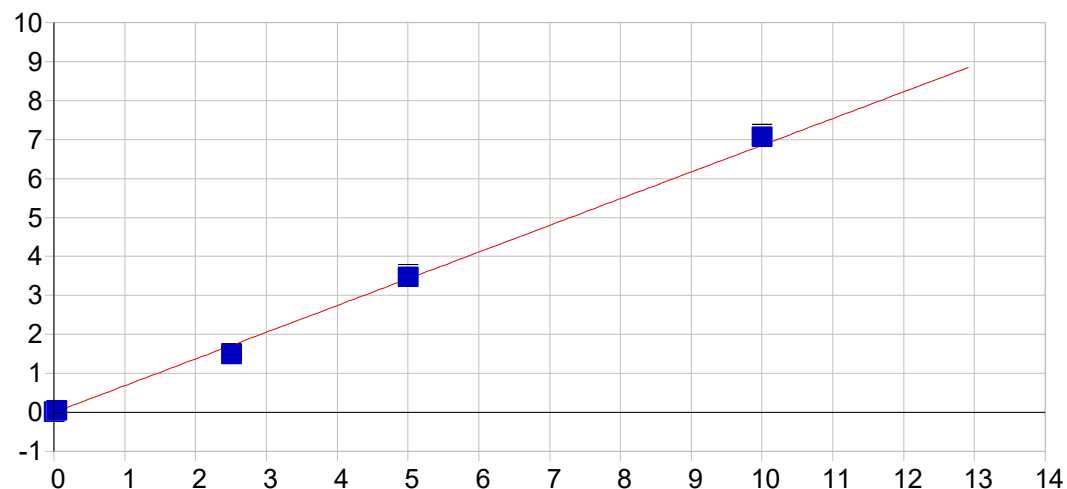


Sn 189.989 {478}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.092099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001492
 Predicted MQL: 0.004974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.04000	.03836	-.002	-4.11	.00371	.000	1
S3	2.5000	2.4342	-.066	-2.63	.22419	.001	1
S4	5.0000	4.8839	-.116	-2.32	.44962	.001	1
S5	10.000	10.183	.183	1.83	.93735	.003	1

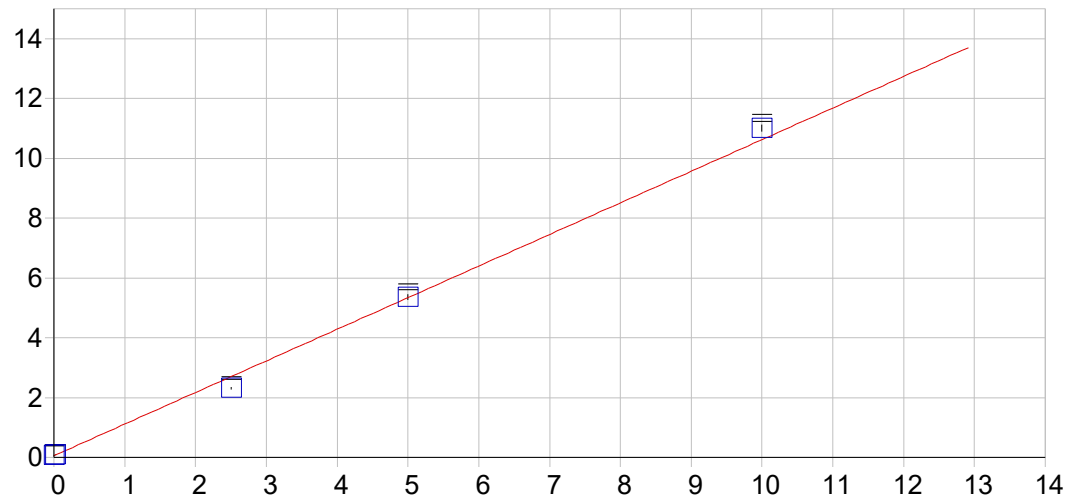


Ti 336.121 {100}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000270 Re-Slope: 1.000000
 A1 (Gain): 0.685337 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998372 Status: OK.
 Std Error of Est: 0.001338
 Predicted MDL: 0.001616
 Predicted MQL: 0.005388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.001	1
S1	.04000	.04147	.001	3.66	.02867	.000	1
S3	2.5000	2.1533	-.347	-13.9	1.4754	.022	1
S4	5.0000	5.0533	.053	1.07	3.4623	.065	1
S5	10.000	10.292	.292	2.92	7.0514	.068	1

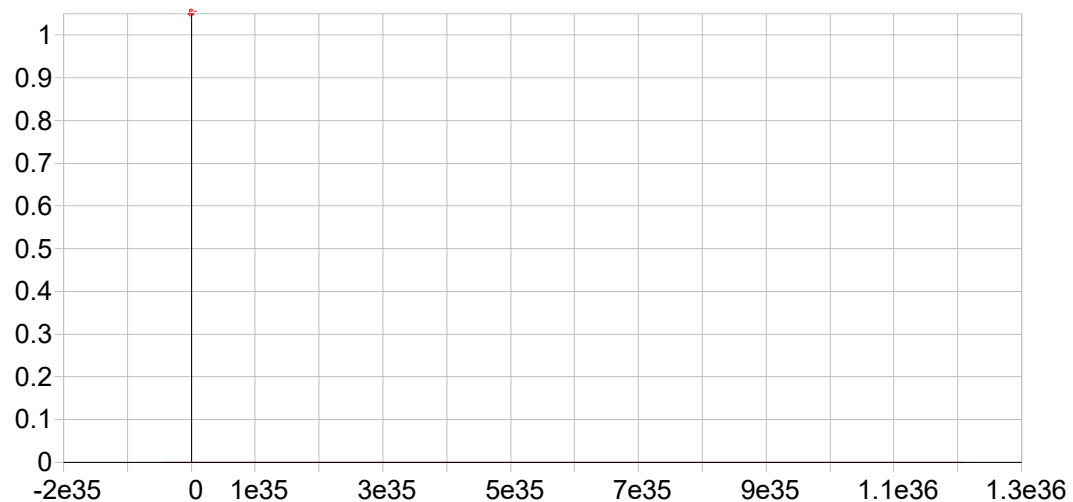


Li 670.784 { 50}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.056325 Re-Slope: 1.000000
 A1 (Gain): 1.056715 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998034 Status: OK.
 Std Error of Est: 0.001603
 Predicted MDL: 0.002788
 Predicted MQL: 0.009292

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.05633	.003	1
S5	10.000	10.360	.360	3.60	11.003	.118	1
S4	5.0000	5.0155	.016	.311	5.3563	.092	1
S3	2.5000	2.1256	-.374	-15.0	2.3025	.043	1
S1	.02000	.01928	-.001	-3.62	.07669	.001	1


$$Y\ 224.306\ \{150\}^*$$

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset):	0.000000
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Re-Slope: 1.000000

A1 (Gain):	0.000000
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Y-int: 0.000000

A2 (Curvature):	0.000000
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n (Exponent):	1.000000
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Correlation:	0.000000
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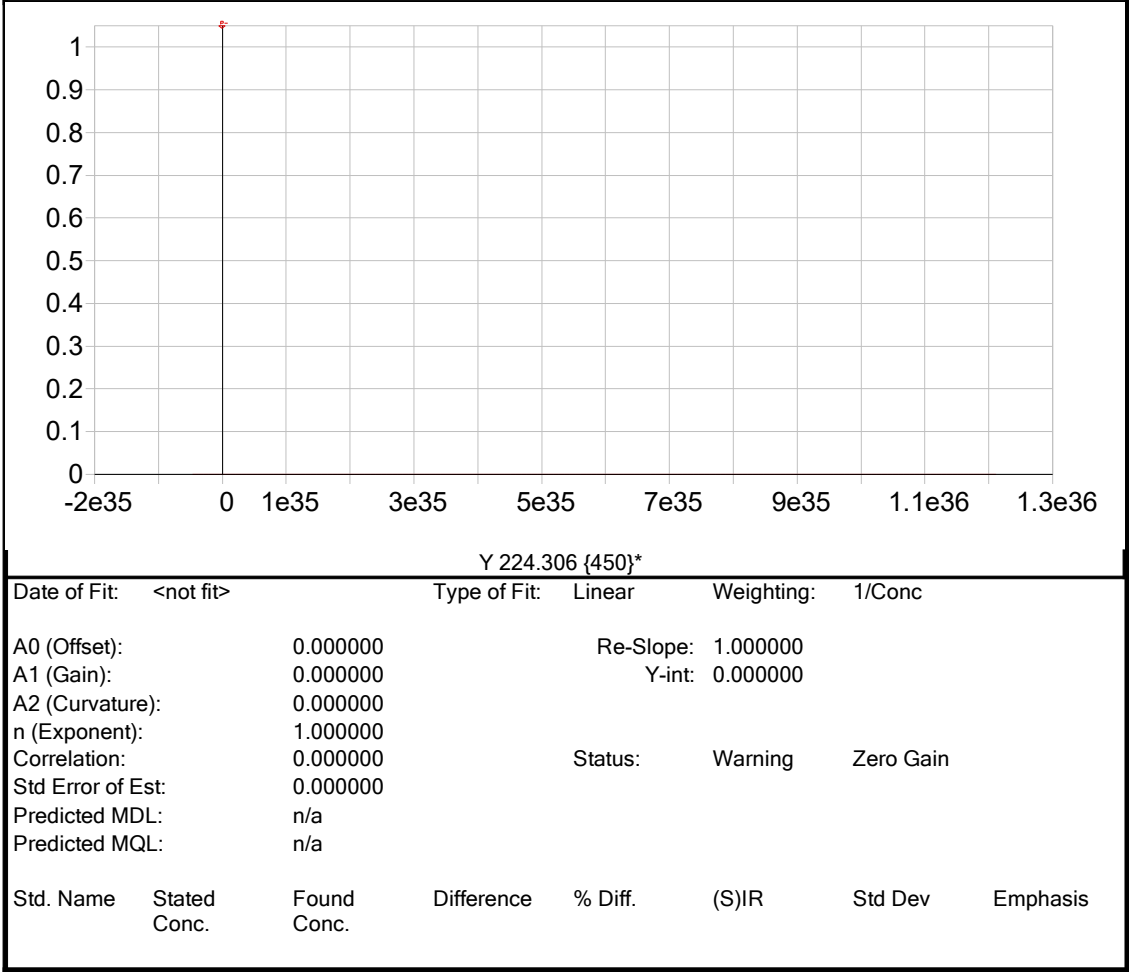
Status: Warning Zero Gain

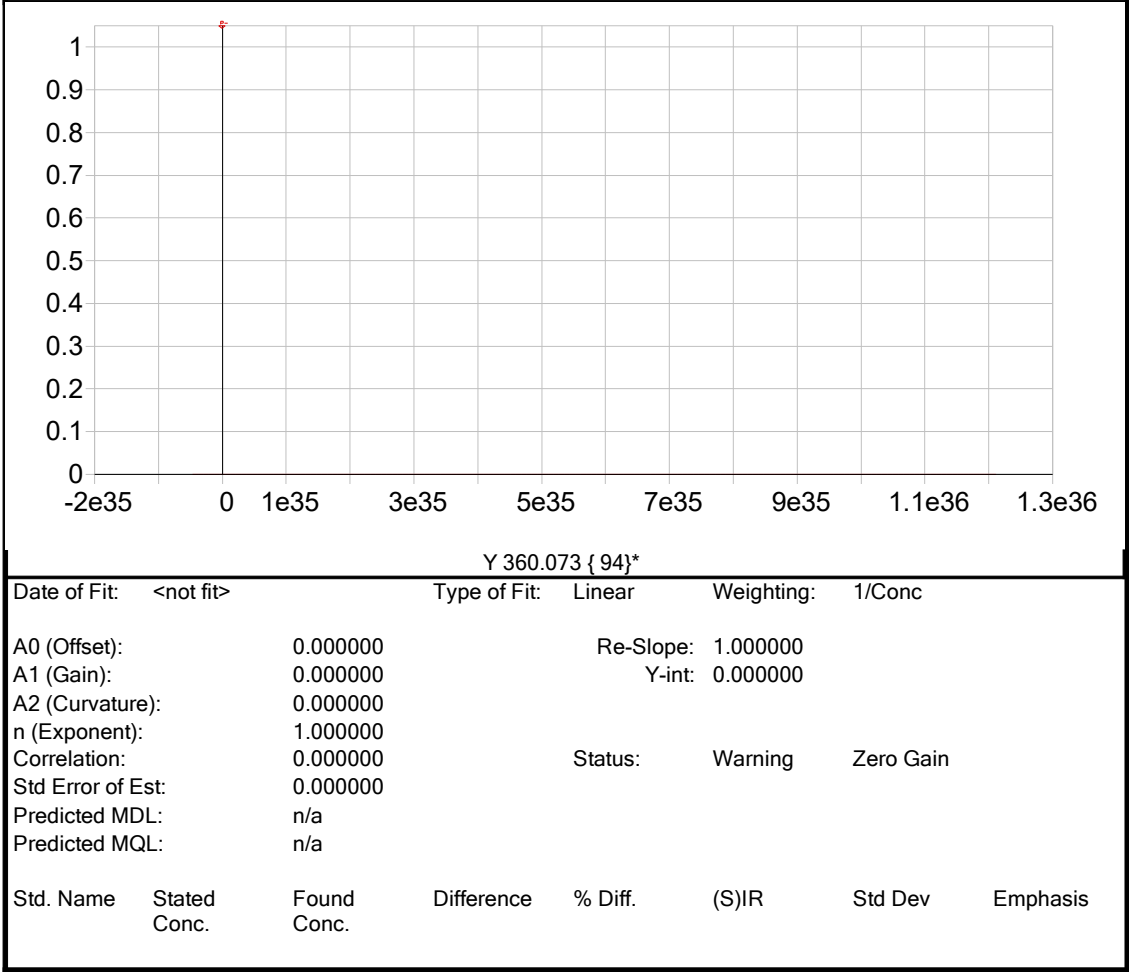
Std Error of Est:	0.000000
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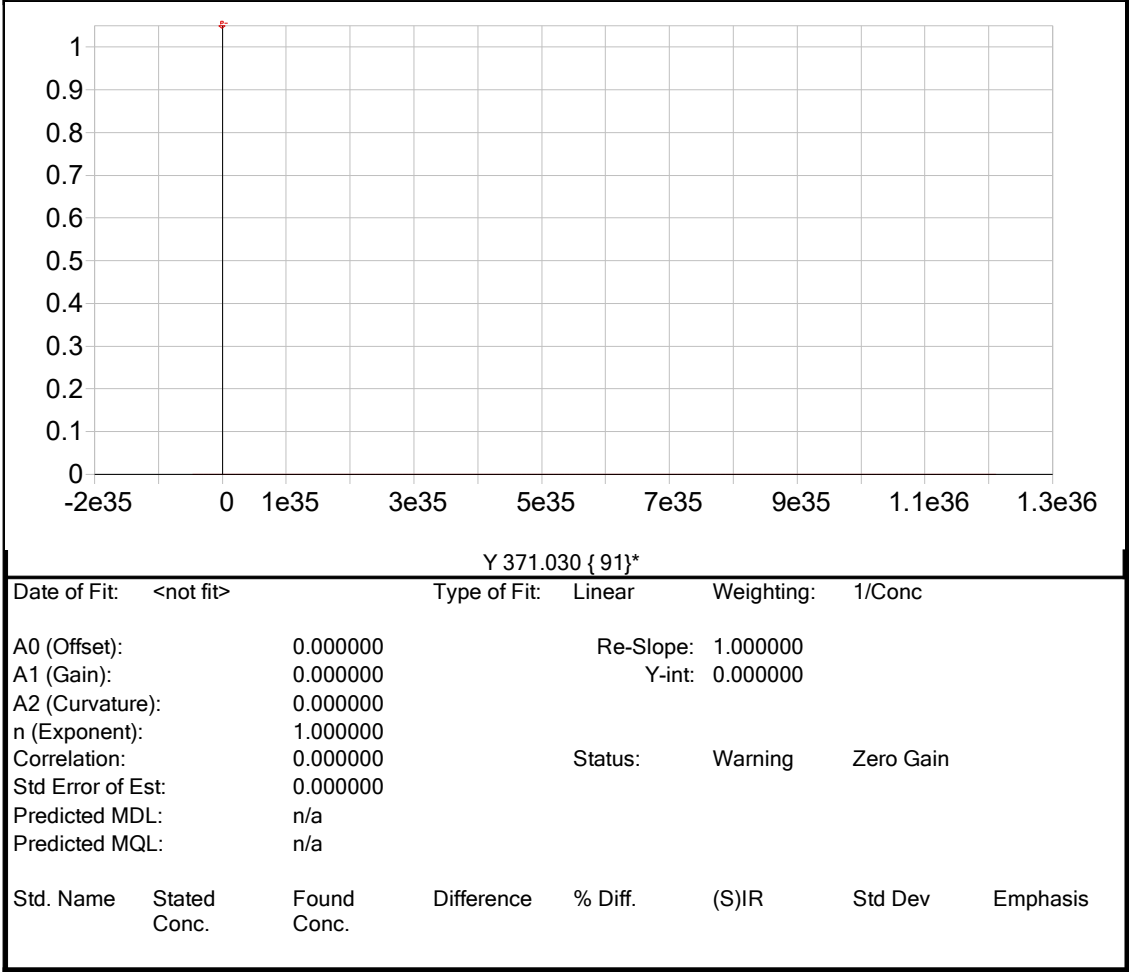
Predicted MDL:	n/a
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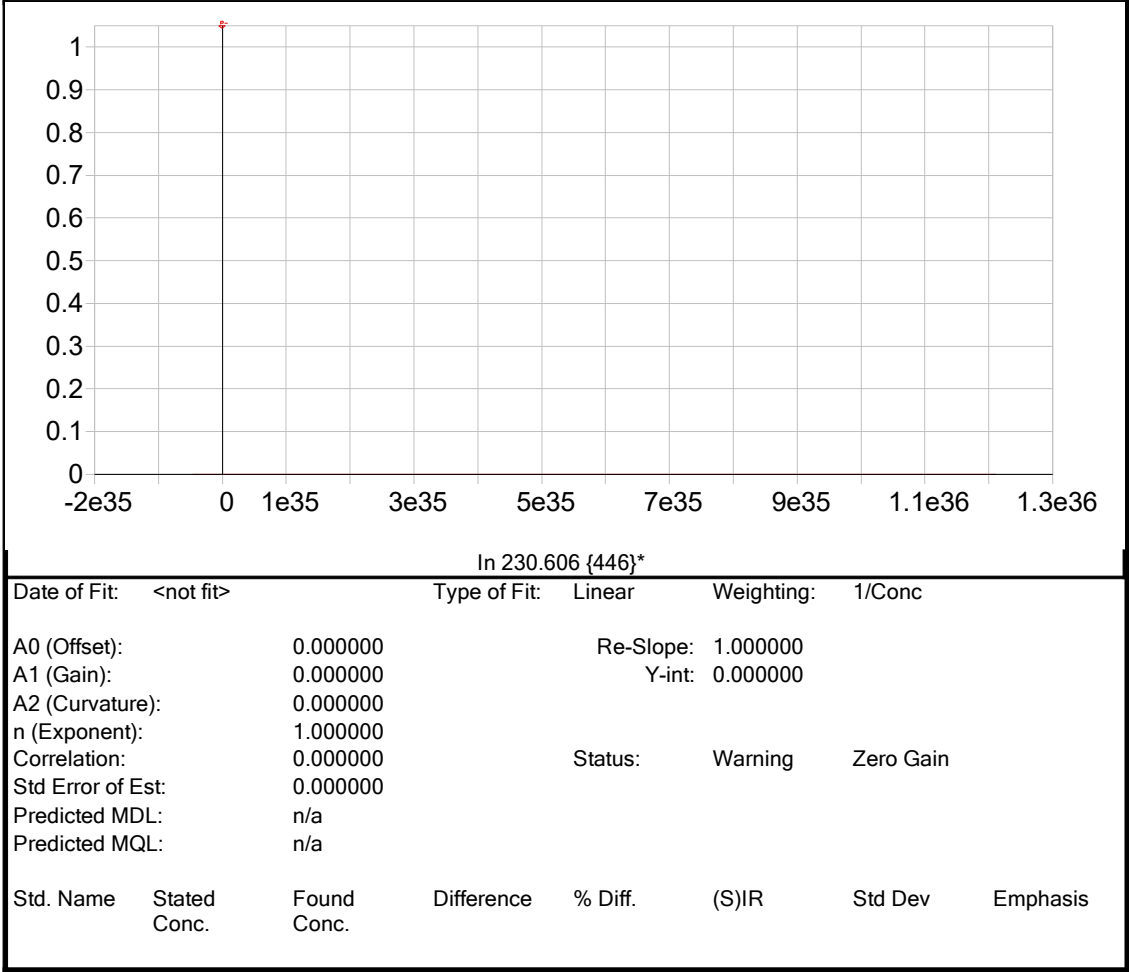
Predicted MQL:	n/a
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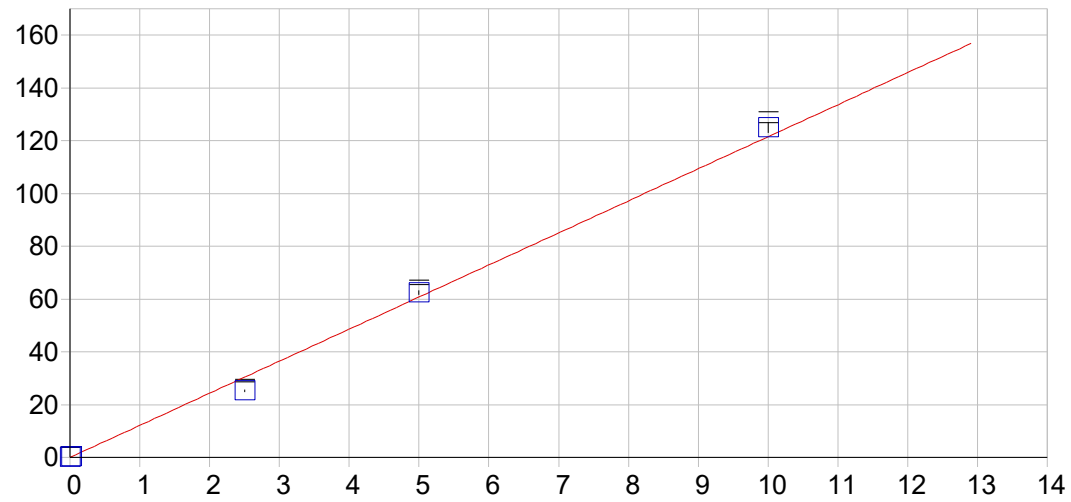
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 07/18/2019 17:51:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002310 Re-Slope: 1.000000
 A1 (Gain): 12.150247 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997599 Status: OK.
 Std Error of Est: 0.020374
 Predicted MDL: 0.000129
 Predicted MQL: 0.000428

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00232	.002	1
S1	.02000	.02186	.002	9.28	.26786	.003	1
S3	2.5000	2.0748	-.425	-17.0	25.212	.396	1
S4	5.0000	5.1378	.138	2.76	62.428	.885	1
S5	10.000	10.286	.286	2.86	124.97	2.11	1

Sample Name: S0 Acquired: 07/18/2019 16:40:44 Type: Cal
 Method: NON EPA-6010-200.7(v132) 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	-.00004	-.00014	-.00039	.00012	-.00007	.00384	-.01122	.00040
Stddev	.00017	.00010	.00038	.00014	.00029	.00146	.00216	.00064
%RSD	392.13	70.556	98.159	118.49	406.93	37.959	19.294	162.24

#1	-.00013	-.00010	-.00025	.00027	.00011	.00242	-.01361	.00111
#2	-.00016	-.00025	-.00010	-.00001	.00008	.00533	-.00939	.00023
#3	.00016	-.00007	-.00082	.00010	-.00040	.00377	-.01065	-.00015

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	.00046	.00125	.00018	.00084	.00312	.00033	.00068	-.00041
Stddev	.00027	.00129	.00013	.00018	.00132	.00012	.00036	.00019
%RSD	59.745	102.82	70.764	21.742	42.264	35.209	53.208	46.959

#1	.00019	.00258	.00017	.00071	.00174	.00041	.00035	-.00064
#2	.00046	.00001	.00006	.00104	.00436	.00020	.00062	-.00032
#3	.00073	.00117	.00031	.00075	.00327	.00039	.00107	-.00029

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	-.00134	-.00234	-.00316	.00116	.00854	.05457	-.00023	.01270
Stddev	.00006	.00009	.00108	.00013	.00042	.00268	.00006	.00058
%RSD	4.2143	3.8656	34.244	11.230	4.8859	4.9127	26.013	4.5334

#1	-.00128	-.00236	-.00355	.00121	.00878	.05765	-.00029	.01299
#2	-.00140	-.00224	-.00399	.00125	.00806	.05283	-.00024	.01203
#3	-.00133	-.00242	-.00194	.00101	.00878	.05321	-.00017	.01307

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	-.00050	.00041	.07032	.00018	.00027	.05633	.00232	
Stddev	.00037	.00011	.00045	.00021	.00051	.00325	.00152	
%RSD	73.897	25.979	.64151	114.84	188.10	5.7745	65.469	

#1	-.00018	.00052	.07073	.00039	.00015	.05260	.00114	
#2	-.00041	.00031	.06984	.00017	.00083	.05859	.00403	
#3	-.00090	.00040	.07039	-.00002	-.00017	.05780	.00178	

Sample Name: S0 Acquired: 07/18/2019 16:40:44 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	1145.0	2082.7	26701.	2850.1	2753.5
Stddev	2.5	2.2	82.	4.2	8.7
%RSD	.22009	.10753	.30709	.14738	.31523
#1	1142.2	2080.3	26608.	2850.1	2743.5
#2	1147.1	2083.1	26736.	2845.9	2757.3
#3	1145.6	2084.8	26760.	2854.3	2759.6

Sample Name: S1 Acquired: 07/18/2019 16:44:38 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	.00107	.00285	.00168	.00080	.00845	.02168	.59457	.05393
Stddev	.00020	.00005	.00041	.00020	.00008	.00111	.00436	.00092
%RSD	18.187	1.9013	24.431	24.522	1.0001	5.1227	.73285	1.7059

#1	.00130	.00279	.00163	.00088	.00837	.02229	.59022	.05326
#2	.00095	.00286	.00129	.00095	.00845	.02235	.59893	.05356
#3	.00098	.00289	.00211	.00058	.00854	.02039	.59457	.05498

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	.01772	.00243	.02855	.01148	.00420	.01859	.02632	.00184
Stddev	.00055	.00014	.00036	.00046	.00059	.00039	.00016	.00032
%RSD	3.1194	5.7904	1.2671	4.0081	14.115	2.0950	.61871	17.211

#1	.01709	.00257	.02880	.01155	.00360	.01901	.02648	.00174
#2	.01798	.00229	.02813	.01190	.00422	.01853	.02633	.00159
#3	.01811	.00242	.02870	.01099	.00478	.01824	.02616	.00220

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	.00611	.15738	.00047	.09275	.13996	.00073	.38610	.00371
Stddev	.00050	.00234	.00010	.00054	.00038	.00005	.00295	.00009
%RSD	8.1839	1.4840	20.699	.58187	.26886	7.0942	.76384	2.3122

#1	.00558	.15499	.00037	.09337	.13959	.00077	.38499	.00381
#2	.00658	.15749	.00047	.09236	.14035	.00067	.38387	.00369
#3	.00617	.15965	.00057	.09253	.13995	.00075	.38944	.00364

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.02867	.07669	.26786
Stddev	.00015	.00147	.00264
%RSD	.51733	1.9166	.98385

#1	.02884	.07593	.26494
#2	.02855	.07576	.27006
#3	.02862	.07839	.26859

Sample Name: S1 Acquired: 07/18/2019 16:44:38 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	1166.0	2121.0	27230.	2932.6	2828.1
Stddev	4.9	2.2	105.	26.2	2.8
%RSD	.42369	.10313	.38580	.89433	.09848
#1	1166.1	2121.8	27152.	2903.9	2828.5
#2	1161.0	2122.8	27189.	2955.4	2830.7
#3	1170.8	2118.6	27350.	2938.6	2825.2

Sample Name: S2 Acquired: 07/18/2019 16:48:32 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	.15975	.02931	.01429	.13527
Stddev	.00311	.00081	.00141	.00161
%RSD	1.9487	2.7693	9.8722	1.1899

#1	.15616	.02880	.01556	.13361
#2	.16134	.02889	.01454	.13683
#3	.16173	.03025	.01277	.13537

Int. Std.	Y_3710
Units	Cts/S
Avg	2994.4
Stddev	17.5
%RSD	.58314

#1	2974.9
#2	2999.5
#3	3008.7

Sample Name: S3 Acquired: 07/18/2019 16:52:22 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	.09073	.19984	.49347	.09365	.33207	.51914	24.322	.85649
Stddev	.00018	.00067	.00117	.00024	.00092	.00648	.382	.00528
%RSD	.20037	.33297	.23797	.25608	.27563	1.2487	1.5720	.61651

#1	.09086	.19914	.49253	.09389	.33118	.51197	23.926	.86237
#2	.09052	.19989	.49310	.09342	.33301	.52087	24.351	.85214
#3	.09081	.20047	.49478	.09364	.33202	.52459	24.689	.85497

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4274	.75172	.09772	1.1372	.18897	.07394	.87782	.13556
Stddev	.0028	.01156	.00051	.0021	.00195	.00120	.01491	.00264
%RSD	.08133	1.5378	.52028	.18278	1.0305	1.6284	1.6990	1.9496

#1	3.4251	.73980	.09823	1.1358	.18678	.07274	.86091	.13347
#2	3.4266	.75248	.09772	1.1363	.18966	.07395	.88343	.13468
#3	3.4305	.76288	.09722	1.1396	.19048	.07514	.88911	.13853

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	.83485	.21344	.07765	.14780	3.8395	.44897	.08971	1.6946
Stddev	.00254	.00049	.00045	.00137	.0138	.00675	.00026	.0051
%RSD	.30371	.22869	.58213	.92511	.35901	1.5028	.29197	.29911

#1	.83407	.21290	.07739	.14626	3.8268	.44336	.08942	1.6936
#2	.83279	.21358	.07738	.14825	3.8377	.44710	.08978	1.6900
#3	.83768	.21385	.07817	.14888	3.8541	.45646	.08993	1.7000

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	1.3843	.04922	1.7919	.22419	1.4754	2.3025	25.212	
Stddev	.0014	.00027	.0078	.00083	.0218	.0435	.396	
%RSD	.10471	.54542	.43825	.37167	1.4763	1.8882	1.5721	

#1	1.3834	.04891	1.8006	.22410	1.4507	2.2550	24.825	
#2	1.3836	.04936	1.7853	.22341	1.4840	2.3122	25.194	
#3	1.3860	.04939	1.7897	.22507	1.4916	2.3403	25.617	

Sample Name: S3 Acquired: 07/18/2019 16:52:22 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	1392.5	2552.2	32571.	3603.0	2711.4
Stddev	2.1	8.4	115.	19.2	4.4
%RSD	.14862	.32986	.35443	.53163	.16205
#1	1394.0	2547.6	32488.	3581.1	2709.2
#2	1393.4	2547.2	32522.	3611.1	2708.6
#3	1390.2	2562.0	32703.	3616.8	2716.5

Sample Name: S4 Acquired: 07/18/2019 16:56:01 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	.21655	.39535	.98102	.22225	.78862	1.1982	57.474	1.9712
Stddev	.00048	.00072	.00127	.00022	.00137	.0229	.945	.0180
%RSD	.22038	.18102	.12940	.09710	.17352	1.9096	1.6446	.91254

#1	.21691	.39538	.98135	.22247	.78771	1.1720	56.406	1.9622
#2	.21674	.39462	.97962	.22204	.78794	1.2145	58.202	1.9919
#3	.21601	.39605	.98210	.22225	.79019	1.2080	57.816	1.9594

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.7917	1.7637	.22969	2.2581	.42806	.17109	2.0429	.31641
Stddev	.0115	.0295	.00029	.0043	.00783	.00298	.0390	.00511
%RSD	.16958	1.6698	.12599	.19231	1.8286	1.7411	1.9091	1.6136

#1	6.8043	1.7300	.23002	2.2624	.41914	.16765	2.0011	.31064
#2	6.7817	1.7843	.22950	2.2537	.43378	.17267	2.0783	.32035
#3	6.7892	1.7769	.22954	2.2583	.43125	.17294	2.0493	.31824

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	1.6624	.50864	.18261	.34509	8.9196	.99908	.18322	3.9792
Stddev	.0046	.00094	.00177	.00713	.0349	.02113	.00061	.0317
%RSD	.27580	.18574	.97012	2.0673	.39113	2.1147	.33427	.79559

#1	1.6655	.50886	.18076	.33735	8.9574	.97563	.18392	3.9641
#2	1.6571	.50760	.18429	.35140	8.9128	1.0166	.18281	4.0156
#3	1.6646	.50946	.18278	.34651	8.8886	1.0050	.18293	3.9580

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2885	.09967	4.0067	.44962	3.4623	5.3563	62.428
Stddev	.0047	.00034	.0348	.00071	.0647	.0923	.885
%RSD	.14177	.34185	.86854	.15887	1.8683	1.7224	1.4184

#1	3.2868	.09978	3.9816	.45006	3.3906	5.2518	61.419
#2	3.2849	.09929	4.0465	.44880	3.5163	5.4265	63.078
#3	3.2938	.09995	3.9921	.45001	3.4800	5.3906	62.785

Sample Name: S4 Acquired: 07/18/2019 16:56:01 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	1158.3	2114.6	27086.	3073.0	2650.0
Stddev	7.1	6.5	128.	21.8	11.1
%RSD	.61512	.30649	.47258	.71068	.41837
#1	1150.1	2108.8	26953.	3072.5	2637.9
#2	1161.2	2121.6	27208.	3051.3	2659.6
#3	1163.4	2113.3	27097.	3095.0	2652.5

Sample Name: S5 Acquired: 07/18/2019 16:59:37 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	.44139	.80414	2.0298	.44655	1.6030	2.4518	114.89	3.9254
Stddev	.00049	.00182	.0066	.00124	.0026	.0308	2.87	.0115
%RSD	.11132	.22667	.32564	.27788	.16018	1.2549	2.4952	.29273

#1	.44126	.80363	2.0253	.44602	1.6002	2.4164	111.58	3.9384
#2	.44098	.80263	2.0268	.44566	1.6037	2.4667	116.63	3.9166
#3	.44193	.80616	2.0374	.44797	1.6052	2.4723	116.45	3.9212

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	13.946	3.5893	.46443	4.6631	.86642	.34962	4.1626	.64650
Stddev	.036	.0349	.00075	.0122	.00942	.00435	.0536	.00731
%RSD	.25603	.97307	.16192	.26156	1.0877	1.2444	1.2886	1.1307

#1	13.926	3.5501	.46530	4.6602	.85572	.34461	4.1036	.63889
#2	13.924	3.6007	.46392	4.6526	.87004	.35177	4.1759	.64715
#3	13.987	3.6171	.46408	4.6765	.87350	.35247	4.2083	.65346

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	3.4191	1.0346	.37315	.70215	17.888	2.0075	.38758	8.0004
Stddev	.0112	.0039	.00634	.00817	.029	.0177	.00087	.0058
%RSD	.32708	.37500	1.7002	1.1643	.16281	.88427	.22516	.07263

#1	3.4141	1.0324	.36684	.69295	17.904	1.9871	.38752	8.0051
#2	3.4113	1.0391	.37307	.70494	17.906	2.0158	.38675	8.0023
#3	3.4319	1.0324	.37953	.70857	17.855	2.0197	.38849	7.9939

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	6.6691	.21072	7.9253	.93735	7.0514	11.003	124.97	
Stddev	.0098	.00090	.0225	.00258	.0683	.118	2.11	
%RSD	.14636	.42547	.28347	.27485	.96921	1.0682	1.6919	

#1	6.6638	.20993	7.9144	.93769	6.9725	10.874	122.61	
#2	6.6632	.21053	7.9105	.93462	7.0902	11.034	125.64	
#3	6.6804	.21169	7.9512	.93973	7.0915	11.102	126.68	

Sample Name: S5 Acquired: 07/18/2019 16:59:37 Type: Cal
Method: NON EPA-6010-200.7(v132) 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	1140.9	2086.0	26708.	3070.5	2537.5
Stddev	1.9	5.0	76.	10.3	9.4
%RSD	.16690	.23955	.28269	.33646	.37070
#1	1138.8	2080.5	26647.	3059.0	2530.7
#2	1141.6	2090.3	26685.	3078.9	2548.2
#3	1142.4	2087.2	26793.	3073.6	2533.5

Sample Name: ICSA01 Acquired: 07/18/2019 17:22:34 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.0077926	-.013608	.0032380	.0190242	.0042261	267.8285
Stddev	.0003631	.000383	.0026337	.0113703	.0025330	4.3558
%RSD	4.659820	2.811924	81.33655	59.76765	59.93732	1.626348

#1	.0082099	-.013193	.0050353	.0062158	.0056045	263.0606
#2	.0075485	-.013947	.0044640	.0279268	.0057711	268.8256
#3	.0076194	-.013684	.0002148	.0229299	.0013028	271.5994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062726	.0016617	-.003099	261.9208	.0544446	.0029523
Stddev	.0002145	.0001457	.000114	4.4074	.0006430	.0000898
%RSD	3.419702	8.768399	3.667019	1.682735	1.181027	3.042683

#1	.0063173	.0016788	-.003149	257.0036	.0551476	.0030558
#2	.0064611	.0015082	-.002969	263.2431	.0538862	.0029076
#3	.0060392	.0017981	-.003178	265.5158	.0543001	.0028936

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019188	107.0267	.0088813	274.1278	-.000160	-.009828
Stddev	.0020929	1.3338	.0009508	4.0855	.000375	.000102
%RSD	109.0738	1.246192	10.70564	1.490352	234.3852	1.034931

#1	.0038509	105.5776	.0099474	269.6846	-.000588	-.009934
#2	.0022100	107.2997	.0081211	274.9765	-.000006	-.009732
#3	-.000304	108.2028	.0085755	277.7222	.000114	-.009819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554363	-.004298	.0028788	-.310922	-.004902	.0130372
Stddev	.0660618	.003967	.0004012	.032066	.000654	.0013279
%RSD	14.50516	92.30850	13.93550	10.31328	13.34480	10.18565

#1	.3826317	.000278	.0033373	-.282324	-.004178	.0121765
#2	.5115560	-.006775	.0025921	-.304853	-.005451	.0123684
#3	.4721213	-.006397	.0027071	-.345589	-.005077	.0145665

Sample Name: ICSA01 Acquired: 07/18/2019 17:22:34 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	-.000292	-.000348	-.016128	-.003055	.0005651	W .0080823
Stddev	.000129	.009926	.011368	.002959	.0013694	.0029092
%RSD	44.16948	2855.503	70.48577	96.85637	242.3109	35.99468

#1	-.000212	-.009117	-.021877	-.001679	.0006443	.0050657
#2	-.000224	-.002354	-.023472	-.001035	.0018932	.0083106
#3	-.000441	.010429	-.003034	-.006452	-.000842	.0108706

Elem	Sr4077
Units	ppm
Avg	F .1103065
Stddev	.0019012
%RSD	1.723589

#1	.1081890
#2	.1108635
#3	.1118671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.276	2000.214	25311.64	3137.608	2345.116
Stddev	4.524	3.895	58.27	16.117	2.724
%RSD	.4156967	.1947433	.2302087	.5136805	.1161593

#1	1084.315	2000.144	25277.02	3142.519	2346.751
#2	1087.309	1996.354	25378.91	3150.699	2346.626
#3	1093.206	2004.143	25278.98	3119.607	2341.972

Sample Name: ICSAB01 Acquired: 07/18/2019 17:26:26 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.1123825	.1032227	.0541443	.0767707	.6469681	260.5453
Stddev	.0038164	.0016259	.0003763	.0069450	.0008494	4.7315
%RSD	3.395913	1.575183	.6950684	9.046347	.1312821	1.815982

#1	.1137786	.1050823	.0537154	.0704190	.6479395	255.0824
#2	.1080647	.1020690	.0542981	.0841862	.6465998	263.2125
#3	.1153043	.1025168	.0544194	.0757069	.6463651	263.3410

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5413724	.5196106	1.031827	255.5090	.5915385	.5233964
Stddev	.0094474	.0027027	.000383	5.1469	.0005182	.0004919
%RSD	1.745093	.5201448	.0371646	2.014360	.0876091	.0939745

#1	.5304904	.5194388	1.032237	249.6105	.5911407	.5238645
#2	.5461496	.5223952	1.031767	257.8292	.5913501	.5234410
#3	.5474773	.5169979	1.031478	259.0874	.5921246	.5228838

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019223	104.0826	.5198738	267.2684	1.044371	.2213350
Stddev	.0040904	1.7496	.0102686	5.4415	.000995	.0010095
%RSD	.8149538	1.680994	1.975203	2.035960	.0953123	.4560841

#1	.4972046	102.0623	.5080626	261.0038	1.043332	.2206481
#2	.5044788	105.0936	.5266818	269.9823	1.045317	.2208629
#3	.5040836	105.0920	.5248771	270.8193	1.044462	.2224940

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7181300	.5035006	1.059605	-.561116	F -.005049	1.027645
Stddev	.5498268	.0121508	.008727	.007219	.001059	.009127
%RSD	76.56369	2.413267	.8236330	1.286574	20.98272	.8881250

#1	.0850626	.4901956	1.050529	-.560449	-.004911	1.020865
#2	.9930852	.5062962	1.067935	-.568645	-.006171	1.038022
#3	1.076242	.5140099	1.060352	-.554253	-.004066	1.024048

Sample Name: ICSAB01 Acquired: 07/18/2019 17:26:26 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	1.068201	F -.006073	.9448070	1.109498	1.013242	F -.007374
Stddev	.003228	.003795	.0103899	.003945	.019150	.003810
%RSD	.3022074	62.49152	1.099684	.3556059	1.889983	51.66268

#1	1.066386	-.002970	.9434235	1.105080	.991302	-.011773
#2	1.066289	-.010305	.9558194	1.112669	1.021827	-.005183
#3	1.071928	-.004945	.9351782	1.110746	1.026598	-.005166

Elem	Sr4077
Units	ppm
Avg	F .1084053
Stddev	.0016846
%RSD	1.554019

#1	.1065372
#2	.1088696
#3	.1098091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.264	2007.264	25330.05	3168.128	2361.539
Stddev	4.739	3.956	137.34	9.808	5.317
%RSD	.4350236	.1970705	.5421972	.3095941	.2251402

#1	1094.547	2003.162	25428.88	3178.766	2358.715
#2	1085.389	2007.574	25388.04	3159.444	2358.230
#3	1087.855	2011.055	25173.22	3166.175	2367.672

Sample Name: CCV01 Acquired: 07/18/2019 17:30:07 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	4.965125	4.908381	4.908211	5.133655	5.082385	9.333038	9.997741
Stddev	.015637	.009030	.015113	.013947	.002927	.167162	.168680
%RSD	.3149271	.1839774	.3079114	.2716691	.0575973	1.791083	1.687179

#1	4.961785	4.918764	4.922885	5.119589	5.082905	9.145002	9.807874
#2	4.951428	4.902359	4.909054	5.133897	5.079233	9.389305	10.05505
#3	4.982162	4.904019	4.892694	5.147479	5.085018	9.464806	10.13030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2431736	2.421819	24.43075	1.015670	2.434993	1.182545	4.851845
Stddev	.0014491	.006886	.42133	.003557	.007138	.023614	.080457
%RSD	.5959018	.2843310	1.724604	.3502575	.2931315	1.996864	1.658279

#1	.2417741	2.429262	23.94565	1.012217	2.443080	1.156434	4.766932
#2	.2430790	2.420519	24.64129	1.015468	2.432328	1.188798	4.861657
#3	.2446676	2.415675	24.70533	1.019324	2.429571	1.202402	4.926946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.439920	24.17230	2.460133	1.296442	24.20097	2.395164	2.519283
Stddev	.045585	.39163	.007648	.003642	.55323	.038179	.001221
%RSD	1.868305	1.620163	.3108732	.2809252	2.285983	1.593985	.0484496

#1	2.388171	23.72247	2.468425	1.300001	23.57241	2.352089	2.517950
#2	2.457455	24.35700	2.458617	1.296603	24.41653	2.408576	2.520347
#3	2.474133	24.43743	2.453357	1.292722	24.61397	2.424826	2.519551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.30732	5.026604	4.862721	5.063514	4.911122	4.825722	4.908627
Stddev	.47965	.028652	.034385	.002512	.011748	.044688	.014718
%RSD	1.973289	.5700011	.7071137	.0496194	.2392068	.9260388	.2998296

#1	23.76597	5.059423	4.830389	5.061397	4.923169	4.783306	4.923663
#2	24.47666	5.006577	4.858928	5.062854	4.899699	4.821480	4.907966
#3	24.67934	5.013810	4.898845	5.066290	4.910500	4.872380	4.894250

Sample Name: CCV01 Acquired: 07/18/2019 17:30:07 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	4.808579	4.977464	5.048451
Stddev	.077678	.086408	.082559
%RSD	1.615400	1.735993	1.635331

#1	4.719042	4.879388	4.954592
#2	4.848750	5.010620	5.080932
#3	4.857945	5.042383	5.109830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1155.544	2152.172	27035.68	3231.915	2699.474
Stddev	6.368	6.904	80.65	9.981	12.466
%RSD	.5510927	.3208065	.2983201	.3088407	.4617861

#1	1151.950	2145.755	27008.03	3243.423	2685.589
#2	1151.785	2159.478	26972.50	3226.703	2709.703
#3	1162.896	2151.283	27126.53	3225.618	2703.130

Sample Name: LLCCV01 Acquired: 07/18/2019 17:33:53 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.0236686	.0402720	.0108185	.0221696	.0558941	.1122392	.1091606
Stddev	.0035597	.0015209	.0008529	.0009353	.0011851	.0019862	.0008850
%RSD	15.03959	3.776656	7.883500	4.218664	2.120221	1.769574	.8107076

#1	.0247259	.0409144	.0098564	.0222265	.0570928	.1141549	.1081726
#2	.0265798	.0385353	.0111171	.0212073	.0558665	.1101894	.1098806
#3	.0197001	.0413664	.0114818	.0230752	.0547231	.1123735	.1094286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065375	.0059318	2.133585	.0101548	.0294663	.0218128	.1093889
Stddev	.0000205	.0000517	.029648	.0002424	.0002176	.0005731	.0008242
%RSD	.3129196	.8708670	1.389596	2.386886	.7385524	2.627382	.7534260

#1	.0065144	.0058987	2.114259	.0100746	.0296379	.0216772	.1085360
#2	.0065449	.0059914	2.118776	.0104271	.0292215	.0224416	.1101810
#3	.0065533	.0059055	2.167720	.0099626	.0295395	.0213197	.1094498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217484	2.118194	.0411504	.0113071	2.243008	.0358625	.0425504
Stddev	.0005598	.070341	.0002273	.0000735	.227402	.0047501	.0006226
%RSD	2.573774	3.320783	.5523687	.6501578	10.13828	13.24520	1.463106

#1	.0222653	2.042091	.0413747	.0112229	2.277921	.0333537	.0420595
#2	.0211539	2.131668	.0411564	.0113400	2.000167	.0328929	.0423411
#3	.0218259	2.180822	.0409202	.0113585	2.450934	.0413409	.0432507

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729526	.0155857	.1079312	.2158702	.0162530	.3700599	.0375029
Stddev	.217274	.0040089	.0009474	.0005371	.0051873	.0010834	.0010069
%RSD	12.56264	25.72167	.8778284	.2488012	31.91580	.2927545	2.684893

#1	1.568456	.0164438	.1069545	.2152679	.0206348	.3712356	.0378278
#2	1.643478	.0112173	.1079927	.2160433	.0105255	.3698421	.0363737
#3	1.976646	.0190962	.1088464	.2162994	.0175987	.3691019	.0383073

Sample Name: LLCCV01 Acquired: 07/18/2019 17:33:53 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.0419177	.0140830	.0224888
Stddev	.0008855	.0016796	.0001542
%RSD	2.112574	11.92644	.6857721

#1	.0422988	.0123488	.0223109
#2	.0409054	.0157021	.0225843
#3	.0425488	.0141982	.0225712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1190.401	2198.722	27752.20	3274.864	2942.552
Stddev	.426	3.842	61.44	6.794	8.162
%RSD	.0357695	.1747579	.2213908	.2074521	.2773723

#1	1190.831	2196.038	27691.47	3272.942	2934.373
#2	1189.980	2203.124	27750.79	3269.238	2950.696
#3	1190.391	2197.004	27814.33	3282.412	2942.586

Sample Name: CCB01 Acquired: 07/18/2019 17:37:49 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.0033690	-.001477	-.000770	-.002011	.0031712	-.019263
Stddev	.0029183	.000251	.000423	.005599	.0004290	.005902
%RSD	86.62229	16.97576	54.85719	278.4770	13.52946	30.63847

#1	.0022080	-.001673	-.000526	.003280	.0035825	-.023906
#2	.0066892	-.001564	-.000526	-.001437	.0027264	-.012621
#3	.0012099	-.001194	-.001258	-.007875	.0032047	-.021261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000649	.0000664	.0000205	-.002501	-.000044	.0001756
Stddev	.000377	.0000761	.0000886	.005940	.000290	.0005150
%RSD	58.09397	114.6582	431.7673	237.5455	660.8583	293.2675

#1	-.000234	-.000006	.0000892	-.005008	.000290	-.000112
#2	-.000970	.000146	-.000080	-.006775	-.000240	-.000131
#3	-.000744	.000059	.000052	.004282	-.000182	.000770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001759	-.001933	-.000162	.0304146	.0001026	-.000192
Stddev	.001692	.007346	.000059	.0278339	.0003347	.000163
%RSD	96.20592	380.1201	36.43614	91.51503	326.1572	84.81186

#1	-.003625	.006216	-.000095	.0295993	.0004559	-.000162
#2	-.000324	-.003967	-.000183	.0586472	.0000620	-.000367
#3	-.001327	-.008047	-.000207	.0029973	-.000210	-.000046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1938834	-.004535	-.000909	-.584811	-.003283	-.004290
Stddev	.2478474	.001764	.000355	.051981	.004215	.000438
%RSD	127.8332	38.88871	39.08026	8.888591	128.3737	10.21890

#1	.0658768	-.006518	-.001272	-.597172	-.007065	-.004731
#2	.0362135	-.003945	-.000562	-.629498	-.004046	-.003854
#3	.4795600	-.003142	-.000893	-.527764	.001261	-.004285

Sample Name: CCB01 Acquired: 07/18/2019 17:37:49 Type: Unk
Method: NON EPA-6010-200.7(v135) 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	.0001633	-.008062	-.029780	-.000937	.0017967	F -.010361
Stddev	.0004961	.004001	.001103	.000184	.0007347	.003797
%RSD	303.7866	49.63325	3.702530	19.61542	40.89228	36.64812

#1	-.000150	-.003655	-.028667	-.001065	.0020146	-.013343
#2	.000735	-.009064	-.029801	-.001020	.0009777	-.011655
#3	-.000095	-.011467	-.030872	-.000727	.0023978	-.006086

Elem	Sr4077
Units	ppm
Avg	.0000584
Stddev	.0001040
%RSD	178.1197

#1	.0000022
#2	.0001783
#3	-.000005

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.942	2185.646	27755.58	3278.493	2920.471
Stddev	4.339	2.798	90.24	13.458	2.658
%RSD	.3652898	.1280257	.3251146	.4104926	.0910160

#1	1183.063	2188.304	27755.94	3277.569	2919.079
#2	1191.369	2185.909	27845.64	3265.521	2918.798
#3	1189.395	2182.726	27665.16	3292.389	2923.536

Sample Name: K3872-01 Acquired: 07/18/2019 17:41:43 Type: Unk
Method: NON EPA-6010-200.7(v135) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 390711720 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115295	-.001991	.1016594	.0180952	.0030222	15.36111	.5616705
Stddev	.0047959	.001202	.0022502	.0067293	.0018665	.23503	.0082223
%RSD	41.59697	60.36459	2.213426	37.18835	61.75941	1.530015	1.463908

#1	.0116511	-.001102	.1026542	.0195652	.0015422	15.10122	.5522592
#2	.0066739	-.001512	.0990833	.0239681	.0051190	15.42336	.5652907
#3	.0162634	-.003359	.1032407	.0107524	.0024053	15.55874	.5674614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014232	.0020932	31.51314	.0529283	.0079172	.8731433	23.85184
Stddev	.0000362	.0000629	.50614	.0005293	.0001878	.0153405	.33067
%RSD	2.542871	3.005265	1.606110	1.000087	2.372033	1.756929	1.386334

#1	.0014158	.0021122	30.94068	.0531380	.0077011	.8558261	23.47833
#2	.0014626	.0020230	31.69744	.0533207	.0080412	.8785743	23.97000
#3	.0013913	.0021445	31.90129	.0523263	.0080092	.8850295	24.10720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5678490	9.371583	.0364490	.0073694	2.485890	.0105564	1.661936
Stddev	.0084153	.098021	.0000847	.0006093	.028888	.0042736	.006657
%RSD	1.481969	1.045937	.2324258	8.267406	1.162094	40.48310	.4005629

#1	.5582062	9.263938	.0363938	.0066679	2.453781	.0064008	1.656047
#2	.5716317	9.455695	.0364066	.0076746	2.509774	.0103296	1.660602
#3	.5737093	9.395117	.0365465	.0077659	2.494114	.0149389	1.669159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.156727	24.96012	.0219591	.0169990	24.31767	1.435762	.0510070
Stddev	.029482	.03775	.0005325	.0000311	.05824	.012703	.0006234
%RSD	1.366987	.1512316	2.424870	.1830547	.2395152	.8847633	1.222223

#1	2.123115	25.00155	.0221705	.0170259	24.28367	1.428779	.0517005
#2	2.178208	24.92768	.0223533	.0169649	24.28442	1.450424	.0508274
#3	2.168859	24.95112	.0213533	.0170062	24.38492	1.428081	.0504931

Sample Name: K3872-01 Acquired: 07/18/2019 17:41:43 Type: Unk
Method: NON EPA-6010-200.7(v135) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: 390711720 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1230275	-.025837	.1438870
Stddev	.0019451	.001994	.0022230
%RSD	1.581006	7.717500	1.544993

#1	.1252514	-.025133	.1414471
#2	.1216434	-.028088	.1444159
#3	.1221878	-.024291	.1457978

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.058	2273.536	29063.18	3518.932	2910.913
Stddev	7.529	1.007	13.11	18.519	3.143
%RSD	.6100990	.0442967	.0451000	.5262557	.1079812

#1	1238.561	2273.141	29072.13	3536.227	2907.289
#2	1238.248	2274.681	29069.26	3499.394	2912.556
#3	1225.366	2272.786	29048.13	3521.174	2912.894

Sample Name: LLICV01 Acquired: 07/18/2019 17:10:57 Type: Unk
Method: NON EPA-6010-200.7(v134) 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	.0193054	.0389570	.0127749	.0213641	.0566411	.1082052	.1107027
Stddev	.0023319	.0012925	.0011701	.0009171	.0028175	.0095912	.0014912
%RSD	12.07888	3.317888	9.159026	4.292815	4.974225	8.863893	1.347009

#1	.0174198	.0379046	.0141108	.0203052	.0598349	.0973245	.1090079
#2	.0219128	.0385668	.0122821	.0218830	.0555810	.1118570	.1112870
#3	.0185836	.0403998	.0119319	.0219042	.0545075	.1154342	.1118133

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067006	.0061003	2.159490	.0103277	.0300864	.0219630	.1086488
Stddev	.0000503	.0000955	.040467	.0001176	.0003515	.0021766	.0095190
%RSD	.7505647	1.565244	1.873903	1.138838	1.168317	9.910511	8.761275

#1	.0067307	.0059957	2.112837	.0102760	.0304737	.0194741	.0977575
#2	.0066426	.0061225	2.180550	.0102448	.0299979	.0229046	.1128114
#3	.0067286	.0061828	2.185084	.0104623	.0297876	.0235103	.1153775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223211	2.179613	.0418436	.0113073	2.344924	.0355696	.0439577
Stddev	.0014415	.037341	.0002498	.0002814	.357411	.0026994	.0003523
%RSD	6.457893	1.713212	.5970704	2.488642	15.24190	7.589217	.8013786

#1	.0206603	2.141731	.0416083	.0113249	1.937469	.0353149	.0443057
#2	.0232475	2.180720	.0418168	.0110175	2.605467	.0330064	.0436013
#3	.0230555	2.216389	.0421058	.0115795	2.491836	.0383873	.0439662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.763457	.0171771	.1079957	.2191193	.0229891	.3861768	.0378078
Stddev	.047101	.0017934	.0018834	.0008240	.0039197	.0026803	.0016201
%RSD	2.670951	10.44067	1.743910	.3760272	17.05032	.6940522	4.285054

#1	1.710303	.0156115	.1097610	.2198958	.0189913	.3863860	.0395261
#2	1.780055	.0191338	.1082130	.2182550	.0231501	.3887463	.0375894
#3	1.800011	.0167861	.1060132	.2192071	.0268258	.3833980	.0363081

Sample Name: LLICV01 Acquired: 07/18/2019 17:10:57 Type: Unk
Method: NON EPA-6010-200.7(v134) 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	.0428734	.0149972	.0223584
Stddev	.0001222	.0019149	.0006016
%RSD	.2850957	12.76814	2.690709

#1	.0427530	.0128010	.0216679
#2	.0429974	.0163169	.0226382
#3	.0428700	.0158738	.0227692

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.365	2196.818	27956.54	3228.801	2939.420
Stddev	6.283	6.111	56.25	4.949	1.280
%RSD	.5251343	.2781758	.2012220	.1532630	.0435305

#1	1199.401	2194.182	28021.37	3229.342	2939.707
#2	1200.553	2203.805	27927.67	3223.603	2938.021
#3	1189.141	2192.468	27920.58	3233.456	2940.531

Sample Name: ICV01 Acquired: 07/18/2019 17:07:18 Type: Unk
Method: NON EPA-6010-200.7(v133) 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	1.023918	1.006749	.9743229	1.028528	1.003020	2.516670
Stddev	.001942	.001834	.0004749	.005767	.003141	.026290
%RSD	.1896413	.1821829	.0487451	.5606845	.3131330	1.044643

#1	1.025356	1.005297	.9740137	1.023661	1.002256	2.488081
#2	1.024690	1.006139	.9740853	1.034898	1.000332	2.539807
#3	1.021709	1.008810	.9748697	1.027026	1.006473	2.522123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5173652	.5046620	.4805070	10.11800	.5169824	.4881214
Stddev	.0076763	.0043075	.0010421	.16218	.0018887	.0007910
%RSD	1.483734	.8535392	.2168673	1.602903	.3653291	.1620525

#1	.5085555	.5095871	.4793408	9.93221	.5159791	.4872100
#2	.5209228	.5028008	.4808332	10.19057	.5191610	.4886297
#3	.5226173	.5015980	.4813469	10.23123	.5158071	.4885244

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079068	5.305180	.5106932	6.007998	.4952017	.5209885
Stddev	.0081981	.092107	.0089183	.108448	.0019400	.0009617
%RSD	1.614100	1.736173	1.746303	1.805062	.3917536	.1845971

#1	.5001174	5.199131	.5004105	5.885736	.4933622	.5220404
#2	.5071428	5.351210	.5153499	6.045679	.4950144	.5207707
#3	.5164602	5.365199	.5163192	6.092580	.4972286	.5201543

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.35256	.4824146	1.052191	9.577398	F -.002371	2.565400
Stddev	.22847	.0058154	.004254	.224690	.002916	.018974
%RSD	2.206859	1.205479	.4042731	2.346045	122.9668	.7396104

#1	10.14457	.4767605	1.053086	9.325479	-.005322	2.585946
#2	10.31601	.4821043	1.055927	9.649616	-.002299	2.561716
#3	10.59710	.4883789	1.047562	9.757100	.000508	2.548539

Sample Name: ICV01 Acquired: 07/18/2019 17:07:18 Type: Unk
Method: NON EPA-6010-200.7(v133) 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	2.594184	F -.009302	2.460973	2.416946	2.522425	F -.008154
Stddev	.005308	.003853	.020615	.008243	.044828	.002385
%RSD	.2046294	41.42198	.8376881	.3410378	1.777178	29.24920

#1	2.588055	-.008624	2.481479	2.407722	2.470969	-.010503
#2	2.597161	-.005833	2.461189	2.419524	2.543278	-.008226
#3	2.597335	-.013450	2.440250	2.423591	2.553028	-.005734

Elem	Sr4077
Units	ppm
Avg	F .0125752
Stddev	.0002679
%RSD	2.130333

#1	.0123184
#2	.0125543
#3	.0128530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.621	2192.549	28044.52	3231.378	2868.108
Stddev	3.189	3.081	28.54	27.412	3.845
%RSD	.2662368	.1405222	.1017591	.8482926	.1340440

#1	1194.714	2195.396	28067.45	3202.021	2868.860
#2	1197.118	2189.278	28012.56	3235.808	2863.944
#3	1201.032	2192.973	28053.57	3256.304	2871.522

Sample Name: ICB01 Acquired: 07/18/2019 17:14:52 Type: Unk
Method: NON EPA-6010-200.7(v133) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034862	-.001164	.0002899	.0016362	.0026779	-.020646	.0000552
Stddev	.0007763	.000726	.0006150	.0048995	.0016155	.012267	.0003685
%RSD	22.26603	62.38847	212.1411	299.4568	60.32592	59.41434	667.4659

#1	.0043818	-.000643	-.000037	-.003994	.0011841	-.032481	.0004665
#2	.0030716	-.001993	-.000092	.004935	.0043923	-.007989	-.000056
#3	.0030053	-.000855	.000999	.003968	.0024573	-.021467	-.000245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000569	.0000825	.0010318	-.000361	-.000006	-.003007	.0016572
Stddev	.0000976	.0000608	.0027035	.000237	.000116	.000506	.0113342
%RSD	171.4033	73.68151	262.0131	65.86744	2031.874	16.81293	683.9381

#1	-.000017	.0000910	.0039830	-.000233	.000090	-.002920	-.011427
#2	.000020	.0001385	.0004376	-.000214	.000028	-.003551	.007961
#3	.000167	.0000179	-.001325	-.000635	-.000135	-.002551	.008438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	.0358437	.0004407	.0002498	.0713670	-.002472	-.001016
Stddev	.000107	.0250055	.0001562	.0002190	.1924530	.004145	.000291
%RSD	31.83373	69.76261	35.44706	87.67672	269.6666	167.7044	28.60380

#1	-.000369	.0183875	.0002984	.0002654	-.112180	-.006896	-.001050
#2	-.000422	.0644901	.0006079	.0000234	.271635	.001323	-.001289
#3	-.000216	.0246536	.0004159	.0004606	.054646	-.001843	-.000710

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.444512	-.001646	-.002282	.0005405	-.005302	-.024462	-.000624
Stddev	.027895	.002006	.000290	.0004428	.005691	.000342	.000883
%RSD	6.275502	121.8734	12.72396	81.93090	107.3362	1.400021	141.3942

#1	-.426943	.000575	-.002243	.0003703	-.010619	-.024071	-.001587
#2	-.429915	-.002186	-.002590	.0002080	-.005991	-.024609	-.000434
#3	-.476677	-.003326	-.002014	.0010432	.000702	-.024707	.000148

Sample Name: ICB01 Acquired: 07/18/2019 17:14:52 Type: Unk
 Method: NON EPA-6010-200.7(v133) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022169	-.006574	.0000151
Stddev	.0018061	.001618	.0000978
%RSD	81.46903	24.61043	646.9523

#1	.0025122	-.005258	-.000096
#2	.0002814	-.008381	.000052
#3	.0038573	-.006084	.000089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.984	2200.336	27912.20	3253.129	2928.808
Stddev	1.826	3.163	85.34	13.061	2.385
%RSD	.1529141	.1437732	.3057557	.4014920	.0814398

#1	1193.730	2200.572	27921.83	3238.488	2929.183
#2	1195.924	2203.376	27992.32	3263.582	2930.984
#3	1192.299	2197.062	27822.45	3257.318	2926.258

Sample Name: CRI01 Acquired: 07/18/2019 17:18:46 Type: Unk
Method: NON EPA-6010-200.7(v133) 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	.0215948	.0377035	.0114277	.0225506	.0571728	.1222356	.1089520
Stddev	.0018629	.0021995	.0012112	.0053074	.0016494	.0032334	.0019654
%RSD	8.626610	5.833759	10.59845	23.53545	2.884958	2.645215	1.803892

#1	.0215425	.0369113	.0103951	.0285783	.0560405	.1209674	.1068354
#2	.0234833	.0401894	.0111270	.0185785	.0564127	.1259109	.1107193
#3	.0197586	.0360098	.0127608	.0204949	.0590652	.1198286	.1093014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066684	.0060996	2.133392	.0101507	.0299113	.0183241	.1063208
Stddev	.0000481	.0000990	.059550	.0008414	.0001282	.0017554	.0041790
%RSD	.7207606	1.622687	2.791325	8.289414	.4287211	9.579511	3.930566

#1	.0066768	.0062013	2.069405	.0110046	.0298913	.0163454	.1105527
#2	.0067117	.0060036	2.143579	.0101252	.0297942	.0196940	.1021968
#3	.0066167	.0060941	2.187191	.0093223	.0300483	.0189330	.1062129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227190	2.107999	.0414700	.0113263	1.899317	.0339412	.0434394
Stddev	.0002469	.085703	.0002882	.0005724	.238758	.0009838	.0001968
%RSD	1.086899	4.065600	.6950370	5.053963	12.57073	2.898481	.4530258

#1	.0229220	2.024760	.0411552	.0119677	1.824938	.0343584	.0432162
#2	.0227910	2.103267	.0417210	.0108673	2.166411	.0328175	.0435877
#3	.0224441	2.195969	.0415338	.0111438	1.706602	.0346475	.0435143

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583380	.0170181	.1004751	.2185271	.0197953	.3801589	.0381273
Stddev	.098033	.0024943	.0014922	.0003422	.0032814	.0035022	.0008268
%RSD	6.191354	14.65683	1.485188	.1565907	16.57688	.9212420	2.168583

#1	1.566001	.0184089	.0989488	.2183996	.0230650	.3766124	.0387103
#2	1.688940	.0141385	.1005458	.2189148	.0198185	.3836150	.0384906
#3	1.495199	.0185069	.1019308	.2182670	.0165023	.3802492	.0371811

Sample Name: CRI01 Acquired: 07/18/2019 17:18:46 Type: Unk
 Method: NON EPA-6010-200.7(v133) 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	.0414531	.0147715	.0220352
Stddev	.0007641	.0020171	.0003527
%RSD	1.843346	13.65537	1.600671

#1	.0405798	.0135379	.0217260
#2	.0419989	.0170992	.0219602
#3	.0417806	.0136773	.0224193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.201	2187.475	27899.92	3232.763	2928.307
Stddev	6.473	6.217	96.27	13.470	8.152
%RSD	.5415485	.2842144	.3450519	.4166739	.2783895

#1	1198.975	2182.610	27817.93	3247.482	2920.832
#2	1187.728	2194.479	27875.91	3221.049	2936.999
#3	1198.901	2185.335	28005.92	3229.758	2927.090

Sample Name: LR CHECK 1 Acquired: 07/18/2019 17:45:21 Type: Unk
Method: NON EPA-6010-200.7(v136) 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	.0435896	-.110025	-.036845	-.405199	.0135894	2022.054	.0047314
Stddev	.0087952	.012117	.010319	.008424	.0071714	25.882	.0003130
%RSD	20.17740	11.01294	28.00752	2.079067	52.77161	1.280009	6.615193

#1	.0421831	-.113730	-.025693	-.407068	.0196928	1993.210	.0050793
#2	.0355824	-.096488	-.046056	-.412532	.0056911	2029.697	.0046421
#3	.0530034	-.119857	-.038785	-.395998	.0153844	2043.254	.0044727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107828	-.035892	1709.246	.0246663	.0720995	.1919161	850.3951
Stddev	.0001614	.000630	12.786	.0005945	.0005279	.0026638	2.9934
%RSD	1.497146	1.756604	.7480723	2.410248	.7322203	1.387988	.3519990

#1	.0108589	-.035168	1694.498	.0241199	.0722654	.1899115	847.0203
#2	.0105974	-.036319	1716.034	.0245796	.0715085	.1949388	851.4356
#3	.0108922	-.036189	1717.208	.0252995	.0725245	.1908981	852.7294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049385	1803.403	.0814093	-.096695	1871.451	.0189442	.1194837
Stddev	.000339	5.973	.0013531	.001233	6.558	.0071095	.0004129
%RSD	.6866364	.3311985	1.662097	1.275605	.3504389	37.52876	.3455527

#1	-.049132	1796.993	.0824733	-.097687	1864.050	.0114401	.1196967
#2	-.049771	1804.403	.0818682	-.097085	1876.542	.0198130	.1190078
#3	-.049253	1808.812	.0798865	-.095314	1873.762	.0255793	.1197465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1096.020	-.000003	.9597148	-.003404	.1438361	.0143104	.0076593
Stddev	1.190	.013801	.0072000	.000451	.0056884	.0035090	.0032639
%RSD	.1085549	525674.3	.7502237	13.24324	3.954781	24.52055	42.61361

#1	1094.649	-.013359	.9535243	-.003883	.1493880	.0182535	.0046546
#2	1096.636	-.000851	.9676161	-.002989	.1441000	.0131466	.0071914
#3	1096.776	.014203	.9580039	-.003340	.1380204	.0115313	.0111318

Sample Name: LR CHECK 1 Acquired: 07/18/2019 17:45:21 Type: Unk
Method: NON EPA-6010-200.7(v136) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.028293	.0102331	.0149785
Stddev	.000501	.0091418	.0001238
%RSD	1.769455	89.33643	.8266944

#1	-.028311	.0009842	.0148411
#2	-.027784	.0104511	.0150814
#3	-.028785	.0192639	.0150129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	900.8845	1685.902	20618.80	2903.259	1743.482
Stddev	3.6614	.924	64.91	15.342	2.167
%RSD	.4064264	.0548332	.3148079	.5284352	.1242951

#1	902.5281	1685.039	20630.82	2888.828	1745.930
#2	896.6893	1686.878	20548.72	2919.373	1741.810
#3	903.4361	1685.789	20676.86	2901.576	1742.706

Sample Name: LR CHECK 2 Acquired: 07/18/2019 17:49:27 Type: Unk
Method: NON EPA-6010-200.7(v136) 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	.0082771	.0017482	267.4792	.0355943	-.002688	.3891908	99.23467
Stddev	.0041411	.0077596	1.9707	.0059898	.002206	.0212894	1.38475
%RSD	50.03047	443.8591	.7367732	16.82794	82.06278	5.470181	1.395431

#1	.0118156	-.000990	267.4333	.0412886	-.000442	.4110327	98.21328
#2	.0037226	.010506	269.4724	.0293473	-.004851	.3880392	98.67995
#3	.0092933	-.004271	265.5318	.0361469	-.002771	.3685005	100.8108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003609	.0004793	.6263116	-.157030	.0187693	245.2984	-.403603
Stddev	.000053	.0000929	.0425989	.000854	.0001349	1.2267	.004542
%RSD	1.481613	19.38980	6.801543	.5437684	.7185720	.5000819	1.125433

#1	-.003563	.0005865	.6702893	-.157930	.0188354	246.6272	-.402387
#2	-.003595	.0004290	.6234051	-.156930	.0188584	245.0588	-.399793
#3	-.003668	.0004223	.5852404	-.156231	.0186141	244.2091	-.408630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.20472	.1373324	49.77645	-.001775	1.219304	-.115832	34.71656
Stddev	.12448	.0583139	.60375	.000281	.281224	.005829	.16523
%RSD	.2637120	42.46187	1.212919	15.82144	23.06430	5.032353	.4759387

#1	47.26800	.1872988	49.48543	-.001896	1.524429	-.121276	34.86962
#2	47.28484	.1514393	50.47059	-.001454	.970508	-.109682	34.73866
#3	47.06130	.0732591	49.37333	-.001975	1.162974	-.116536	34.54139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2440951	-.730919	-.013900	-.039052	-.723452	-.042656	-.009969
Stddev	.1032347	.001373	.001523	.001081	.008819	.003075	.001085
%RSD	42.29283	.1877851	10.95383	2.767284	1.219063	7.208245	10.87930

#1	.3581551	-.732116	-.012874	-.038905	-.713277	-.043674	-.011126
#2	.2170677	-.731220	-.015649	-.040199	-.728909	-.039201	-.009807
#3	.1570626	-.729421	-.013177	-.038053	-.728171	-.045092	-.008975

Sample Name: LR CHECK 2 Acquired: 07/18/2019 17:49:27 Type: Unk
Method: NON EPA-6010-200.7(v136) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0094564	-.006744	.0006151
Stddev	.0006735	.001387	.0000829
%RSD	7.122566	20.56006	13.47307

#1	.0087919	-.006924	.0006897
#2	.0094386	-.008032	.0006296
#3	.0101387	-.005277	.0005259

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1142.596	1524.138	30827.66	3400.375	3098.184
Stddev	12.801	30.643	512.39	61.478	57.842
%RSD	1.120307	2.010483	1.662110	1.807974	1.866974

#1	1132.510	1517.190	30445.46	3331.696	3062.851
#2	1138.282	1497.566	30627.63	3419.161	3066.764
#3	1156.996	1557.658	31409.89	3450.268	3164.936

Sample Name: PB121486BS Acquired: 07/18/2019 18:02:47 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121486BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7261630	1.781591	.8937875	1.767446	.7631295	1.770509
Stddev	.0050301	.007584	.0035769	.009663	.0012181	.044239
%RSD	.6926925	.4256615	.4001945	.5467481	.1596194	2.498673

#1	.7205475	1.777476	.8928370	1.777987	.7627681	1.721470
#2	.7302558	1.776955	.8907819	1.759005	.7644874	1.782637
#3	.7276857	1.790343	.8977436	1.765346	.7621330	1.807418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1959863	.1742805	.1710700	.8400843	.4007764	.1828586
Stddev	.0052203	.0007045	.0007138	.0394229	.0022533	.0002009
%RSD	2.663577	.4042619	.4172614	4.692732	.5622219	.1098772

#1	.1899613	.1736319	.1707911	.7947495	.3982125	.1830468
#2	.1988418	.1741793	.1705378	.8591834	.4016754	.1826470
#3	.1991559	.1750301	.1718812	.8663200	.4024415	.1828820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2743736	2.878679	.1868272	1.827735	.4656695	.0736491
Stddev	.0049454	.062975	.0036165	.062626	.0012426	.0004627
%RSD	1.802422	2.187650	1.935745	3.426442	.2668399	.6282109

#1	.2691570	2.813315	.1829345	1.758957	.4661672	.0731431
#2	.2749703	2.883764	.1874642	1.881470	.4642552	.0737536
#3	.2789936	2.938957	.1900829	1.842776	.4665860	.0740505

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.857142	.2678818	.1910086	8.681863	F 5.192279	.2452892
Stddev	.388143	.0093748	.0010713	.264382	.012249	.0015520
%RSD	13.58500	3.499597	.5608539	3.045219	.2359009	.6327379

#1	3.065926	.2579853	.1919139	8.377587	5.189633	.2439929
#2	2.409294	.2690311	.1912861	8.812554	5.181570	.2470090
#3	3.096204	.2766289	.1898259	8.855447	5.205635	.2448657

Sample Name: PB121486BS Acquired: 07/18/2019 18:02:47 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121486BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3927881	F -.004954	.8035640	.6318264	.1764582	.2068618
Stddev	.0009356	.007263	.0063368	.0023003	.0035811	.0082239
%RSD	.2381940	146.5963	.7885859	.3640719	2.029412	3.975553

#1	.3938668	.003130	.7977402	.6320692	.1727173	.1973824
#2	.3923004	-.010928	.8026395	.6294143	.1768026	.2111124
#3	.3921972	-.007064	.8103122	.6339956	.1798546	.2120905

Elem	Sr4077
Units	ppm
Avg	.1968980
Stddev	.0044290
%RSD	2.249364

#1	.1918922
#2	.1984940
#3	.2003077

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1199.472	2226.680	28675.36	3442.225	2990.430
Stddev	4.835	4.534	44.30	4.054	4.441
%RSD	.4031044	.2036091	.1544995	.1177726	.1485034

#1	1194.431	2221.541	28624.58	3438.463	2987.057
#2	1199.916	2228.382	28706.08	3446.518	2995.462
#3	1204.070	2230.116	28695.43	3441.694	2988.772

Sample Name: PB121478BS Acquired: 07/18/2019 18:06:33 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7552481	1.861421	.9354705	1.846948	.7931387	1.854465
Stddev	.0077165	.004099	.0019228	.008172	.0056795	.039337
%RSD	1.021713	.2201988	.2055471	.4424785	.7160807	2.121187

#1	.7641539	1.858813	.9366346	1.838364	.7960983	1.812099
#2	.7505513	1.866146	.9332511	1.854634	.7967272	1.861464
#3	.7510392	1.859305	.9365257	1.847846	.7865906	1.889832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2039584	.1824477	.1790503	.8715085	.4168025	.1912897
Stddev	.0042469	.0013033	.0005083	.0178135	.0018952	.0002972
%RSD	2.082219	.7143489	.2839130	2.043989	.4547057	.1553837

#1	.1991567	.1811004	.1795675	.8551007	.4154370	.1916296
#2	.2054970	.1825406	.1790320	.8689694	.4160042	.1911607
#3	.2072215	.1837020	.1785513	.8904553	.4189662	.1910787

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2848191	2.999814	.1957479	1.893854	.4861380	.0767805
Stddev	.0066787	.070575	.0031184	.087309	.0006241	.0006428
%RSD	2.344907	2.352648	1.593086	4.610107	.1283691	.8372423

#1	.2773424	2.924247	.1923627	1.793065	.4859647	.0775207
#2	.2869204	3.011177	.1963774	1.942245	.4868305	.0763621
#3	.2901944	3.064018	.1985035	1.946252	.4856190	.0764587

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.965538	.2814821	.1992522	9.086228	F 5.434900	.2576854
Stddev	.161171	.0073425	.0007572	.262860	.010502	.0029480
%RSD	5.434795	2.608528	.3800294	2.892950	.1932410	1.144032

#1	3.043969	.2732467	.1984024	8.794736	5.433910	.2564296
#2	2.780163	.2838543	.1998553	9.158693	5.424928	.2555732
#3	3.072481	.2873452	.1994988	9.305254	5.445863	.2610533

Sample Name: PB121478BS Acquired: 07/18/2019 18:06:33 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090455	F -.006616	.8509498	.6603885	.1838857	.2173406
Stddev	.0008945	.001381	.0035402	.0009798	.0036954	.0057594
%RSD	.2186860	20.87607	.4160244	.1483669	2.009633	2.649945

#1	.4082393	-.005906	.8469206	.6592655	.1802871	.2107200
#2	.4088895	-.005735	.8535619	.6610690	.1836993	.2201064
#3	.4100078	-.008208	.8523668	.6608310	.1876709	.2211954

Elem	Sr4077
Units	ppm
Avg	.2054643
Stddev	.0044468
%RSD	2.164281

#1	.2004081
#2	.2072175
#3	.2087673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.995	2238.691	28827.30	3443.301	2996.162
Stddev	9.833	2.706	116.12	7.838	5.386
%RSD	.8160232	.1208610	.4028002	.2276340	.1797748

#1	1193.694	2235.678	28695.77	3437.928	2989.980
#2	1211.601	2239.481	28870.50	3452.295	2999.847
#3	1209.688	2240.913	28915.62	3439.679	2998.659

Sample Name: PB121482BS Acquired: 07/18/2019 18:10:18 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121482BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7923723	1.957495	.9623235	2.082545	.8066418	1.870042
Stddev	.0013833	.011953	.0071428	.011497	.0063841	.004565
%RSD	.1745715	.6106096	.7422474	.5520527	.7914415	.2440859

#1	.7931174	1.946493	.9545600	2.079233	.8007644	1.867284
#2	.7932233	1.955780	.9637936	2.073068	.8057270	1.875310
#3	.7907762	1.970213	.9686169	2.095334	.8134339	1.867530

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2047122	.2012881	.1894882	.8617490	.4217443	.1943587
Stddev	.0030574	.0008118	.0011729	.0078482	.0013239	.0009119
%RSD	1.493519	.4032836	.6189806	.9107281	.3139127	.4692066

#1	.2016979	.2018119	.1882134	.8662671	.4209160	.1934307
#2	.2046278	.2016993	.1897296	.8526867	.4210458	.1952537
#3	.2078110	.2003530	.1905216	.8662933	.4232712	.1943917

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912292	3.043004	.1977025	1.991717	.4970250	.0803859
Stddev	.0039422	.020951	.0021871	.012172	.0020536	.0006845
%RSD	1.353626	.6885076	1.106251	.6111514	.4131730	.8514755

#1	.2900634	3.020581	.1951880	1.985088	.4947676	.0804800
#2	.2880015	3.046350	.1987569	2.005765	.4975250	.0796593
#3	.2956228	3.062081	.1991627	1.984299	.4987823	.0810185

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.213535	.2872413	.2091645	9.277949	F 5.866809	.2817539
Stddev	.198013	.0032209	.0006212	.115564	.030593	.0020377
%RSD	6.161830	1.121333	.2969673	1.245578	.5214590	.7232124

#1	3.001169	.2839141	.2096957	9.151327	5.831522	.2841020
#2	3.246341	.2874656	.2093163	9.304791	5.883019	.2807088
#3	3.393097	.2903443	.2084815	9.377731	5.885887	.2804507

Sample Name: PB121482BS Acquired: 07/18/2019 18:10:18 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121482BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4008517	F -.015321	.8502898	.6757909	.1846401	.2120338
Stddev	.0006644	.005904	.0058268	.0031652	.0035210	.0061168
%RSD	.1657576	38.53745	.6852780	.4683729	1.906965	2.884831

#1	.4002145	-.018702	.8565270	.6722152	.1830524	.2068705
#2	.4008002	-.008503	.8493563	.6769236	.1821924	.2187892
#3	.4015404	-.018757	.8449860	.6782340	.1886753	.2104415

Elem	Sr4077
Units	ppm
Avg	.2057773
Stddev	.0030944
%RSD	1.503768

#1	.2022086
#2	.2074077
#3	.2077156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1222.293	2257.555	28713.00	3392.073	2999.727
Stddev	5.203	3.120	54.76	27.175	2.762
%RSD	.4256648	.1381897	.1907059	.8011257	.0920608

#1	1223.980	2255.896	28728.37	3373.608	3002.401
#2	1216.455	2261.153	28652.20	3379.335	2999.895
#3	1226.442	2255.614	28758.43	3423.277	2996.885

Sample Name: PB121484BS Acquired: 07/18/2019 18:14:01 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7989898	1.964852	.9660188	2.090449	.8213323	1.873376
Stddev	.0047314	.003266	.0033776	.002036	.0030041	.020160
%RSD	.5921774	.1662073	.3496403	.0973873	.3657579	1.076126

#1	.8015375	1.962102	.9632692	2.089646	.8215820	1.850837
#2	.8019015	1.963993	.9697890	2.088937	.8182111	1.879605
#3	.7935305	1.968462	.9649982	2.092764	.8242037	1.889687

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051108	.2001684	.1896638	.8717322	.4225949	.1952110
Stddev	.0031194	.0004475	.0004892	.0088187	.0003934	.0005832
%RSD	1.520819	.2235493	.2579013	1.011633	.0930908	.2987402

#1	.2015114	.2003916	.1895058	.8618368	.4229927	.1955964
#2	.2067939	.1996532	.1892732	.8787608	.4222061	.1945400
#3	.2070272	.2004604	.1902124	.8745991	.4225858	.1954965

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2929809	3.040653	.1989740	1.939907	.4996197	.0808042
Stddev	.0028456	.016276	.0048356	.062744	.0004310	.0006149
%RSD	.9712566	.5352918	2.430268	3.234381	.0862606	.7609230

#1	.2916770	3.024183	.1934780	1.886553	.4991776	.0803004
#2	.2962448	3.041048	.2008680	1.924137	.4996429	.0806228
#3	.2910208	3.056729	.2025758	2.009032	.5000387	.0814894

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.470294	.2831294	.2098195	9.285123	F 5.890092	.2798342
Stddev	.174421	.0033387	.0010536	.217094	.028680	.0011816
%RSD	5.026120	1.179215	.5021279	2.338089	.4869163	.4222501

#1	3.535085	.2864497	.2094371	9.050583	5.863663	.2807638
#2	3.272749	.2831660	.2090106	9.325758	5.886025	.2785045
#3	3.603048	.2797726	.2110109	9.479029	5.920588	.2802344

Sample Name: PB121484BS Acquired: 07/18/2019 18:14:01 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4066506	F -.016138	.8571463	.6811205	.1883137	.2093151
Stddev	.0013598	.003965	.0018513	.0028773	.0025621	.0040779
%RSD	.3343948	24.57020	.2159822	.4224402	1.360570	1.948195

#1	.4055979	-.011563	.8562961	.6778588	.1855167	.2046078
#2	.4061681	-.018265	.8558729	.6832993	.1888774	.2117668
#3	.4081859	-.018585	.8592700	.6822033	.1905471	.2115708

Elem	Sr4077
Units	ppm
Avg	.2067215
Stddev	.0035360
%RSD	1.710528

#1	.2027602
#2	.2078448
#3	.2095593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.887	2251.000	28450.57	3392.991	2993.150
Stddev	.383	1.806	76.49	4.716	3.676
%RSD	.0315511	.0802269	.2688505	.1389946	.1228270

#1	1214.809	2252.069	28482.61	3389.410	2994.157
#2	1214.548	2252.016	28363.27	3391.227	2996.218
#3	1215.303	2248.915	28505.83	3398.334	2989.075

Sample Name: PB121485BS Acquired: 07/18/2019 18:17:46 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7369464	1.832708	.9162597	1.821128	.7864670	1.818340
Stddev	.0031438	.004011	.0030533	.007521	.0030706	.044453
%RSD	.4265994	.2188424	.3332358	.4130014	.3904295	2.444690

#1	.7334363	1.830032	.9197650	1.826682	.7885762	1.767566
#2	.7395032	1.837319	.9141790	1.824133	.7829442	1.837197
#3	.7378997	1.830773	.9148352	1.812569	.7878805	1.850255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2009217	.1783079	.1756530	.8416638	.4124962	.1880858
Stddev	.0039851	.0028456	.0003430	.0288357	.0003356	.0002080
%RSD	1.983424	1.595914	.1952789	3.426029	.0813670	.1106081

#1	.1964484	.1752010	.1755755	.8114654	.4121531	.1878795
#2	.2022235	.1789351	.1753553	.8446167	.4128239	.1882955
#3	.2040931	.1807876	.1760281	.8689094	.4125115	.1880825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2799386	2.960906	.1924374	1.884832	.4795184	.0756745
Stddev	.0090985	.070278	.0070802	.073594	.0008386	.0008288
%RSD	3.250189	2.373527	3.679215	3.904530	.1748907	1.095206

#1	.2716191	2.886855	.1844669	1.804730	.4802882	.0751905
#2	.2785421	2.969186	.1948469	1.900310	.4796422	.0752016
#3	.2896547	3.026677	.1979984	1.949456	.4786247	.0766315

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.928897	.2799625	.1969941	8.924620	F 5.387985	.2515062
Stddev	.049492	.0085178	.0003094	.298641	.006458	.0057937
%RSD	1.689792	3.042492	.1570658	3.346258	.1198504	2.303589

#1	2.875714	.2714523	.1968892	8.613059	5.395441	.2450422
#2	2.973604	.2799473	.1973423	8.952402	5.384183	.2532451
#3	2.937373	.2884879	.1967508	9.208399	5.384330	.2562312

Sample Name: PB121485BS Acquired: 07/18/2019 18:17:46 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4039636	F -.006098	.8327242	.6504083	.1800821	.2070299
Stddev	.0001972	.002244	.0162235	.0010295	.0047938	.0092878
%RSD	.0488216	36.79152	1.948241	.1582884	2.662026	4.486216

#1	.4041648	-.007163	.8147312	.6511205	.1753047	.1965401
#2	.4039554	-.003520	.8372054	.6492279	.1800495	.2103420
#3	.4037706	-.007611	.8462361	.6508765	.1848922	.2142077

Elem	Sr4077
Units	ppm
Avg	.2018503
Stddev	.0041889
%RSD	2.075254

#1	.1973628
#2	.2025309
#3	.2056572

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.404	2222.562	28479.19	3437.657	2985.558
Stddev	7.029	6.931	139.59	40.088	8.443
%RSD	.5889576	.3118297	.4901588	1.166145	.2827952

#1	1185.673	2214.873	28319.63	3482.273	2975.915
#2	1195.131	2224.487	28539.19	3426.028	2989.142
#3	1199.408	2228.327	28578.76	3404.668	2991.618

Sample Name: PB121490BS Acquired: 07/18/2019 18:21:31 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7976508	1.948937	.9570491	2.080562	.8105646	1.857398
Stddev	.0035522	.002292	.0027095	.011147	.0051961	.025956
%RSD	.4453321	.1175995	.2831105	.5357491	.6410452	1.397435

#1	.7959669	1.946708	.9558579	2.087333	.8072045	1.828874
#2	.8017318	1.948816	.9551392	2.067697	.8079398	1.863694
#3	.7952537	1.951287	.9601501	2.086656	.8165495	1.879627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2049256	.1996751	.1886372	.8525968	.4229191	.1937706
Stddev	.0040264	.0001971	.0003911	.0218625	.0009677	.0001536
%RSD	1.964808	.0987002	.2073434	2.564228	.2288161	.0792680

#1	.2004418	.1994500	.1881997	.8278900	.4236323	.1939453
#2	.2061028	.1998166	.1887586	.8604616	.4233075	.1937102
#3	.2082322	.1997587	.1889531	.8694390	.4218175	.1936565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2880083	3.007424	.1960910	1.959601	.4983847	.0804544
Stddev	.0075790	.039420	.0046519	.039179	.0013985	.0003209
%RSD	2.631505	1.310758	2.372314	1.999354	.2806057	.3989142

#1	.2793388	2.962548	.1911929	1.914382	.4972331	.0801611
#2	.2933773	3.036460	.1966304	1.981014	.4979802	.0804051
#3	.2913088	3.023265	.2004496	1.983407	.4999409	.0807972

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.085413	.2842983	.2085041	9.197652	F 5.876655	.2789367
Stddev	.271183	.0021600	.0011428	.211921	.018759	.0013399
%RSD	8.789185	.7597564	.5480741	2.304073	.3192146	.4803641

#1	3.204448	.2819362	.2096559	8.964446	5.880659	.2799129
#2	3.276720	.2861727	.2073706	9.250058	5.856217	.2794882
#3	2.775071	.2847861	.2084856	9.378453	5.893088	.2774091

Sample Name: PB121490BS Acquired: 07/18/2019 18:21:31 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4018082	F -.012209	.8472276	.6748823	.1849321	.2044739
Stddev	.0011529	.004163	.0024293	.0041284	.0036157	.0051870
%RSD	.2869265	34.09927	.2867360	.6117257	1.955147	2.536751

#1	.4013835	-.015846	.8455790	.6765594	.1814782	.1985146
#2	.4009279	-.007668	.8500174	.6701792	.1846277	.2069336
#3	.4031132	-.013113	.8460865	.6779082	.1886904	.2079734

Elem	Sr4077
Units	ppm
Avg	.2055752
Stddev	.0040443
%RSD	1.967314

#1	.2010470
#2	.2068507
#3	.2088281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.535	2262.377	28613.10	3413.038	3010.489
Stddev	7.566	10.566	89.76	4.246	8.527
%RSD	.6183673	.4670094	.3136915	.1244159	.2832292

#1	1223.987	2255.510	28641.05	3416.476	3003.089
#2	1230.865	2274.543	28685.55	3414.347	3019.813
#3	1215.754	2257.078	28512.69	3408.292	3008.566

Sample Name: PB121495BS Acquired: 07/18/2019 18:25:17 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121495BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7930411	1.956223	.9593747	2.086442	.8227562	1.870723
Stddev	.0052985	.003835	.0018348	.001787	.0009417	.032153
%RSD	.6681253	.1960582	.1912514	.0856555	.1144518	1.718726

#1	.7950009	1.956455	.9612454	2.084594	.8224626	1.836370
#2	.7970805	1.959938	.9575780	2.086572	.8219963	1.900093
#3	.7870419	1.952278	.9593008	2.088161	.8238096	1.875706

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2055392	.2010518	.1889359	.8754510	.4249823	.1939232
Stddev	.0029084	.0008908	.0003908	.0186828	.0015681	.0002497
%RSD	1.415006	.4430627	.2068636	2.134078	.3689878	.1287472

#1	.2021942	.2003396	.1886389	.8583032	.4265058	.1936354
#2	.2069530	.2007653	.1893787	.8953612	.4233730	.1940816
#3	.2074705	.2020506	.1887900	.8726886	.4250680	.1940527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2899529	3.038093	.1970675	1.932484	.4992735	.0803204
Stddev	.0066838	.045094	.0041680	.051180	.0007223	.0002613
%RSD	2.305124	1.484291	2.115023	2.648385	.1446638	.3253104

#1	.2841372	2.988482	.1922596	1.881699	.4984930	.0805096
#2	.2884669	3.049207	.1992838	1.931705	.4999184	.0800222
#3	.2972546	3.076592	.1996592	1.984049	.4994090	.0804292

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.896055	.2877363	.2100058	9.206497	F 5.904258	.2808056
Stddev	.032987	.0068696	.0012715	.237134	.019906	.0011459
%RSD	1.139025	2.387471	.6054560	2.575725	.3371471	.4080821

#1	2.878648	.2807460	.2085379	8.934903	5.927242	.2821287
#2	2.934099	.2879846	.2107646	9.312123	5.892992	.2801338
#3	2.875417	.2944785	.2107149	9.372464	5.892540	.2801541

Sample Name: PB121495BS Acquired: 07/18/2019 18:25:17 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB121495BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4074338	F -.013083	.8604139	.6809288	.1866530	.2022610
Stddev	.0004852	.004712	.0028521	.0028243	.0043823	.0059290
%RSD	.1190938	36.01426	.3314821	.4147777	2.347822	2.931376

#1	.4068972	-.012315	.8593809	.6793158	.1816338	.1958927
#2	.4075627	-.018132	.8582222	.6841900	.1897195	.2032686
#3	.4078416	-.008803	.8636386	.6792807	.1886057	.2076217

Elem	Sr4077
Units	ppm
Avg	.2060795
Stddev	.0037076
%RSD	1.799088

#1	.2018066
#2	.2079861
#3	.2084458

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1217.750	2261.536	28543.31	3390.608	3011.007
Stddev	3.907	.214	64.24	11.996	1.942
%RSD	.3208377	.0094648	.2250613	.3538127	.0644918

#1	1222.192	2261.746	28608.49	3401.603	3013.162
#2	1216.210	2261.318	28541.39	3392.409	3010.466
#3	1214.847	2261.543	28480.06	3377.813	3009.393

Sample Name: CCV02 Acquired: 07/18/2019 18:29:02 Type: Unk
Method: NON EPA-6010-200.7(v131) 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	5.012283	4.821725	4.814739	5.054263	5.033717	9.280636	10.00213
Stddev	.004821	.010945	.014585	.009551	.011046	.243647	.22272
%RSD	.0961782	.2269925	.3029231	.1889595	.2194319	2.625327	2.226752

#1	5.008411	4.816493	4.799627	5.064392	5.043162	9.009557	9.75047
#2	5.017682	4.834305	4.828732	5.045422	5.021572	9.350976	10.08204
#3	5.010754	4.814379	4.815860	5.052975	5.036417	9.481375	10.17386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383464	2.363163	23.94535	1.003612	2.389197	1.155577	4.654548
Stddev	.0016314	.013650	.60237	.002748	.007560	.031404	.149950
%RSD	.6844632	.5776206	2.515597	.2738570	.3164324	2.717638	3.221580

#1	.2366281	2.351380	23.26327	1.005580	2.381368	1.122668	4.495915
#2	.2385370	2.378120	24.16839	1.000472	2.396456	1.158841	4.673767
#3	.2398741	2.359988	24.40439	1.004784	2.389767	1.185221	4.793962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332058	23.32423	2.435121	1.275062	23.60128	2.303222	2.458068
Stddev	.054941	.61525	.004013	.001521	.27972	.054639	.011459
%RSD	2.355922	2.637836	.1647780	.1193140	1.185209	2.372267	.4661941

#1	2.270094	22.62150	2.431431	1.275754	23.28028	2.243342	2.470550
#2	2.351254	23.58523	2.439392	1.276113	23.79286	2.315952	2.455631
#3	2.374826	23.76596	2.434538	1.273317	23.73070	2.350372	2.448024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.27474	5.125367	4.782847	5.015569	4.860716	4.713980	4.843183
Stddev	.69307	.014521	.036343	.005017	.007291	.034661	.014972
%RSD	2.977769	.2833258	.7598712	.1000331	.1500037	.7352788	.3091444

#1	22.48678	5.110418	4.740888	5.019605	4.867763	4.673957	4.827214
#2	23.54757	5.139419	4.803181	5.009952	4.861183	4.734086	4.856904
#3	23.78988	5.126265	4.804473	5.017151	4.853203	4.733897	4.845430

Sample Name: CCV02 Acquired: 07/18/2019 18:29:02 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.645123	4.913015	4.958280
Stddev	.116895	.113292	.112236
%RSD	2.516511	2.305964	2.263608

#1	4.513408	4.785323	4.832114
#2	4.685429	4.952237	4.995701
#3	4.736531	5.001484	5.047025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.969	2234.088	28174.93	3364.546	2807.613
Stddev	6.402	11.634	85.55	15.594	8.527
%RSD	.5330285	.5207629	.3036436	.4634731	.3036966

#1	1195.384	2224.569	28078.78	3382.246	2800.802
#2	1199.568	2247.057	28203.38	3352.833	2817.176
#3	1207.955	2230.638	28242.63	3358.557	2804.862

Sample Name: CCB02 Acquired: 07/18/2019 18:32:37 Type: Unk
Method: NON EPA-6010-200.7(v131) 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	.0020889	.0018462	.0039162	.0007027	.0026241	-.001795	.0002824
Stddev	.0014336	.0016522	.0007802	.0012423	.0009940	.007609	.0003857
%RSD	68.62867	89.49425	19.92335	176.8020	37.88115	423.8772	136.6096

#1	.0009745	-.000035	.0036129	.0019788	.0036108	.006988	.0005899
#2	.0037061	.002509	.0048025	.0006320	.0016229	-.006358	.0004075
#3	.0015861	.003064	.0033331	-.000503	.0026387	-.006016	-.000150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001364	.0001280	-.004406	-.000552	-.000100	.0013754	.0075153
Stddev	.0000917	.0000560	.006515	.000333	.000110	.0021619	.0084073
%RSD	67.19756	43.76546	147.8782	60.39017	109.9865	157.1833	111.8698

#1	.0000845	.0001849	-.008993	-.000438	-.000220	.0021364	.0138076
#2	.0000825	.0000730	.003051	-.000927	-.000072	-.001064	.0107714
#3	.0002423	.0001261	-.007275	-.000291	-.000007	.003054	-.002033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000066	.0180341	.0004081	-.000492	-.158153	-.003355	-.000856
Stddev	.000198	.0344693	.0004075	.000304	.307694	.002513	.000283
%RSD	297.5872	191.1338	99.84715	61.88530	194.5547	74.92293	33.03004

#1	-.000292	-.015389	-.000039	-.000842	-.451892	-.005028	-.001163
#2	.000079	.016030	.000760	-.000341	-.184384	-.004572	-.000800
#3	.000013	.053462	.000503	-.000292	.161817	-.000464	-.000606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.466688	-.000641	-.000828	.0010468	.0005598	-.031190	-.000810
Stddev	.065872	.000823	.001671	.0002593	.0079502	.001359	.000561
%RSD	14.11487	128.5635	201.6906	24.76646	1420.088	4.358553	69.26597

#1	-.457169	.000207	.000923	.0013342	.0096770	-.030117	-.000679
#2	-.536801	-.000692	-.001003	.0008304	-.004929	-.032719	-.000325
#3	-.406092	-.001437	-.002405	.0009759	-.003069	-.030734	-.001424

Sample Name: CCB02 Acquired: 07/18/2019 18:32:37 Type: Unk
Method: NON EPA-6010-200.7(v131) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027147	-.006477	.0003825
Stddev	.0008737	.002366	.0001027
%RSD	32.18597	36.52217	26.84083

#1	.0027885	-.009157	.0002973
#2	.0018064	-.005598	.0004965
#3	.0035492	-.004677	.0003536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1226.769	2272.327	28821.35	3368.327	3044.900
Stddev	.730	1.568	34.15	14.956	2.314
%RSD	.0594935	.0690148	.1184857	.4440045	.0759806

#1	1227.598	2270.519	28787.09	3369.692	3042.294
#2	1226.224	2273.309	28821.57	3382.553	3046.714
#3	1226.484	2273.154	28855.39	3352.736	3045.691