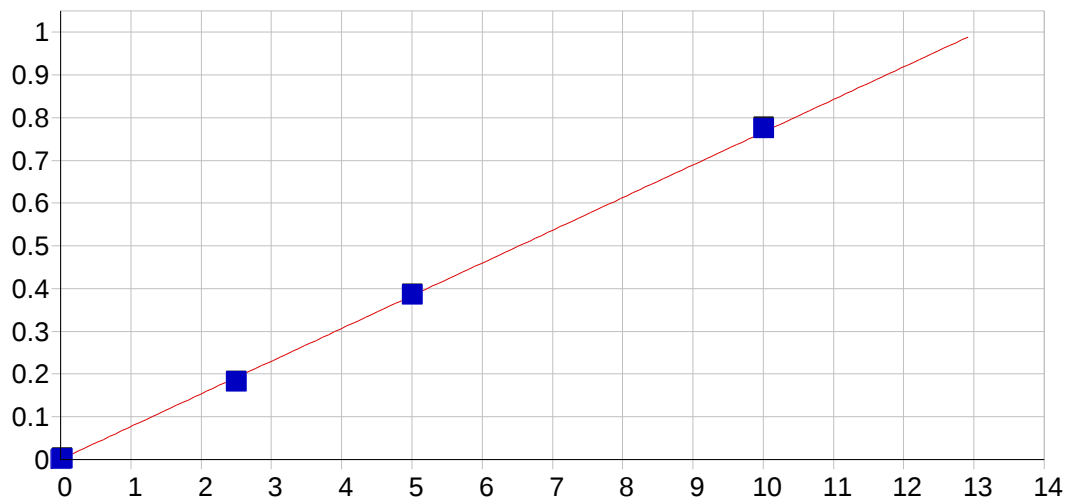


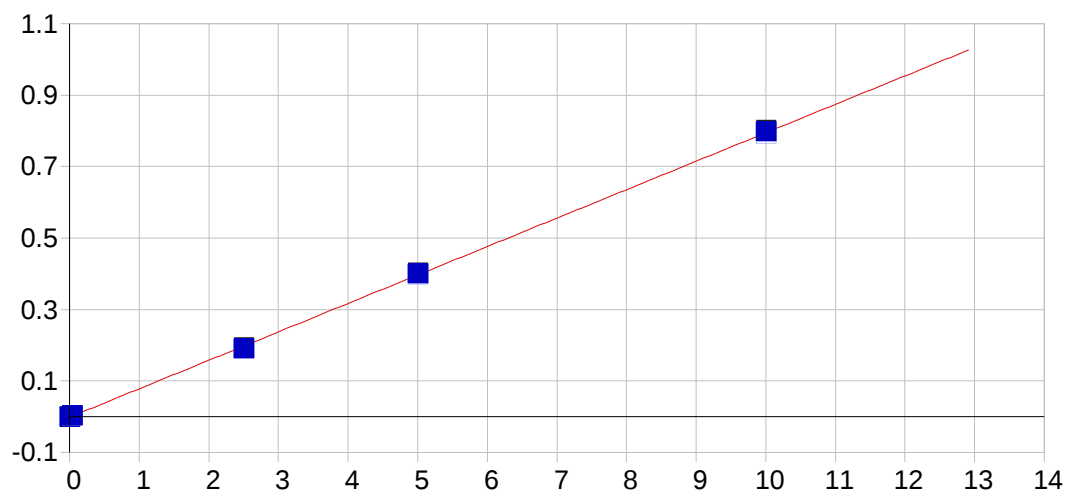


As 189.042 {479}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000590 Re-Slope: 1.000000
 A1 (Gain): 0.076541 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999769 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.004143
 Predicted MQL: 0.013811

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.02000	.01990	-.000	-.515	.00212	.000	1
S3	2.5000	2.3695	-.131	-5.22	.18204	.001	1
S4	5.0000	5.0209	.021	.417	.38506	.001	1
S5	10.000	10.110	.110	1.10	.77473	.003	1



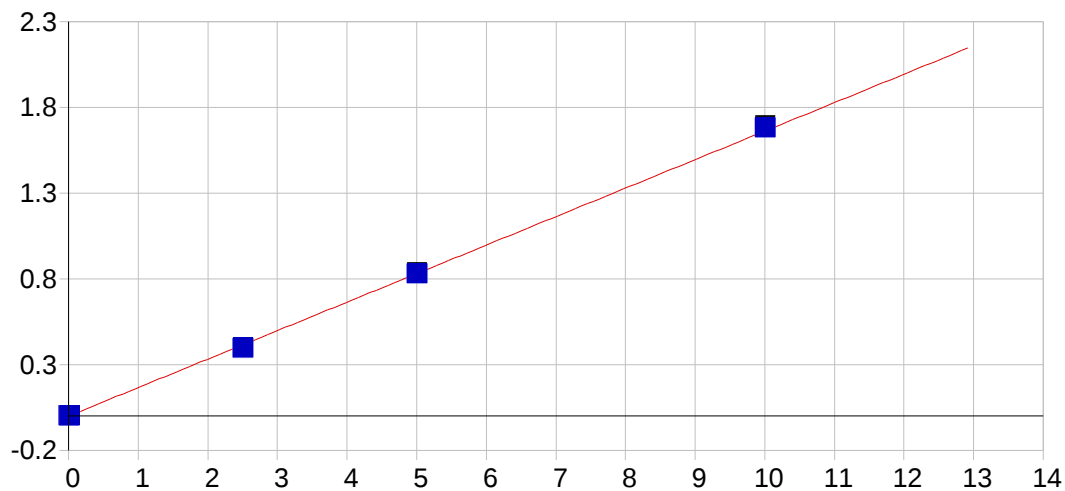
TI 190.856 {477}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001381 Re-Slope: 1.000000

A1 (Gain): 0.079604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.002973
 Predicted MQL: 0.009909

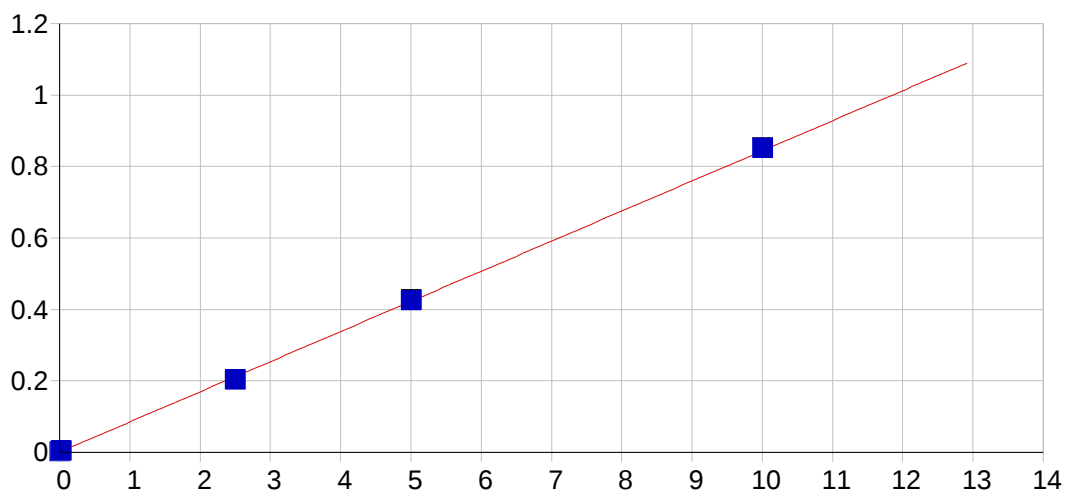
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00138	.000	1
S1	.04000	.03565	-.004	-10.9	.00137	.000	1
S3	2.5000	2.4173	-.083	-3.31	.18903	.001	1
S4	5.0000	5.0490	.049	.980	.39650	.002	1
S5	10.000	10.038	.038	.380	.78961	.004	1



Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000219 Re-Slope: 1.000000
 A1 (Gain): 0.166143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.002502
 Predicted MQL: 0.008339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.01200	.01396	.002	16.3	.00250	.000	1
S3	2.5000	2.3786	-.121	-4.86	.39484	.001	1
S4	5.0000	4.9989	-.001	-.022	.82962	.004	1
S5	10.000	10.121	.121	1.21	1.6794	.009	1

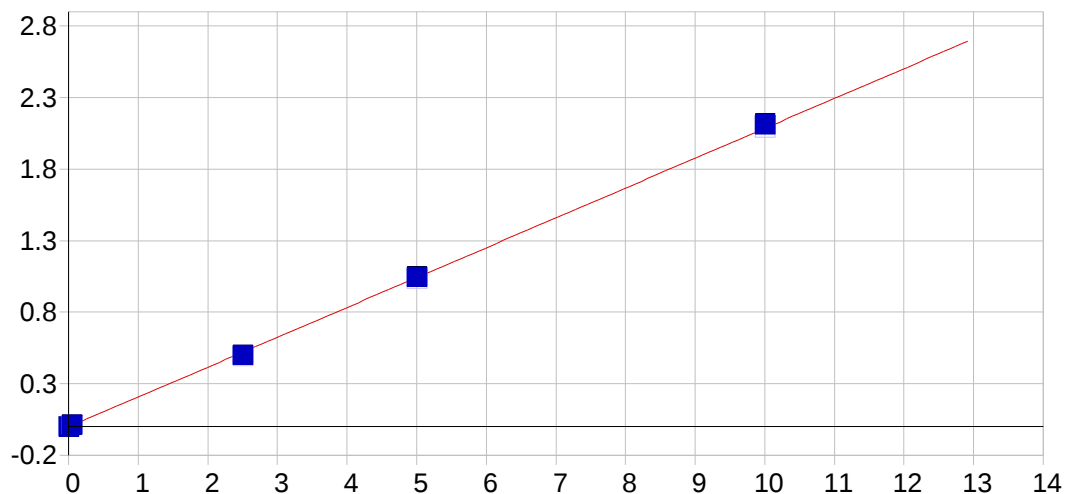


Se 196.090 {472}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001128 Re-Slope: 1.000000
 A1 (Gain): 0.084270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.004957
 Predicted MQL: 0.016522

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00113	.000	1
S1	.02000	.02070	.001	3.52	.00288	.001	1
S3	2.5000	2.3790	-.121	-4.84	.20164	.001	1
S4	5.0000	5.0317	.032	.635	.42523	.000	1
S5	10.000	10.089	.089	.885	.85144	.001	1



Sb 206.833 {463}

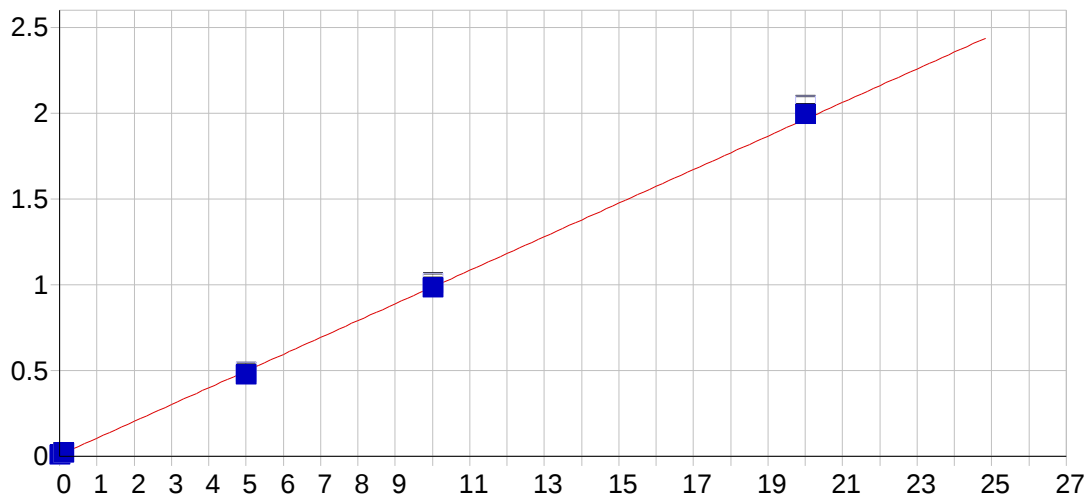
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001446 Re-Slope: 1.000000
 A1 (Gain): 0.208694 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808
 Std Error of Est: 0.000155
 Predicted MDL: 0.002328
 Predicted MQL: 0.007760

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00145	.000	1
S1	.05000	.05246	.002	4.91	.00924	.000	1
S3	2.5000	2.3846	-.115	-4.62	.49035	.001	1
S4	5.0000	5.0061	.006	.121	1.0316	.005	1
S5	10.000	10.107	.107	1.07	2.0843	.009	1

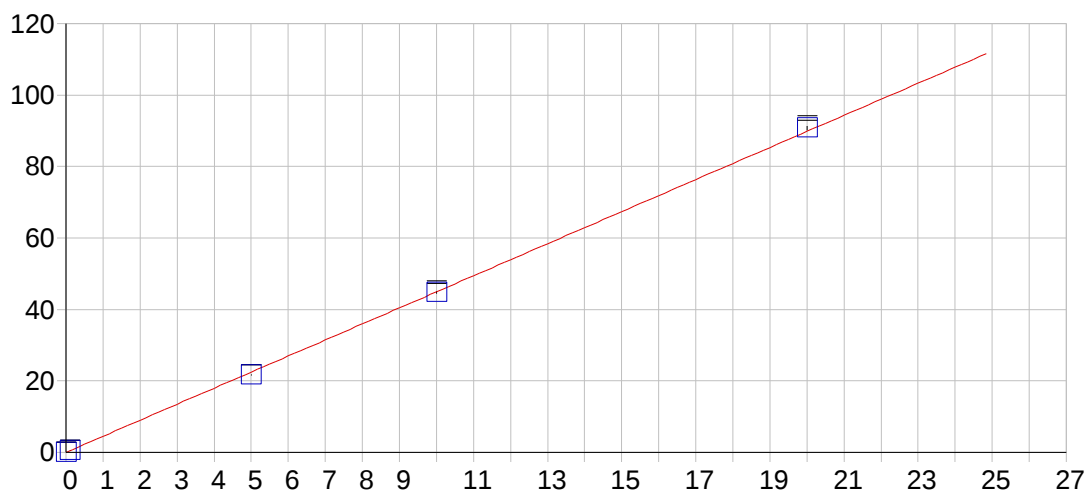


AI 396.152 { 85}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007807 Re-Slope: 1.000000
 A1 (Gain): 0.097842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.010389
 Predicted MQL: 0.034630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00781	.000	1
S1	.10000	.10070	.001	.702	.01838	.000	1
S3	5.0000	4.7744	-.226	-4.51	.48728	.002	1
S4	10.000	9.9643	-.036	-.357	1.0074	.003	1
S5	20.000	20.261	.261	1.30	2.0395	.004	1

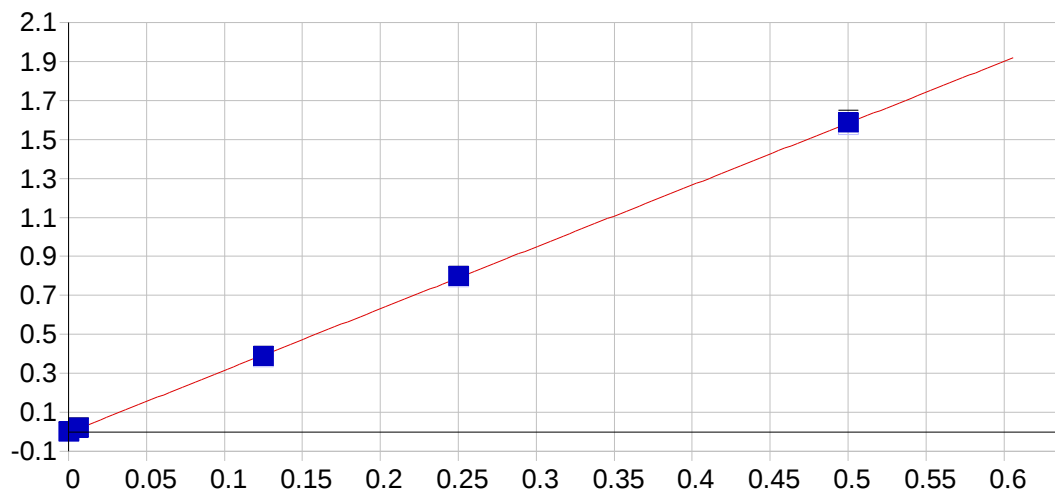


Ba 493.409 { 68}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019353 Re-Slope: 1.000000
 A1 (Gain): 4.490538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.005495
 Predicted MDL: 0.000432
 Predicted MQL: 0.001440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01934	.002	1
S1	.10000	.10510	.005	5.10	.49130	.003	1
S3	5.0000	4.8225	-.178	-3.55	21.675	.021	1
S4	10.000	9.9596	-.040	-.404	44.743	.322	1
S5	20.000	20.213	.213	1.06	90.786	.614	1



Be 234.861 {144}

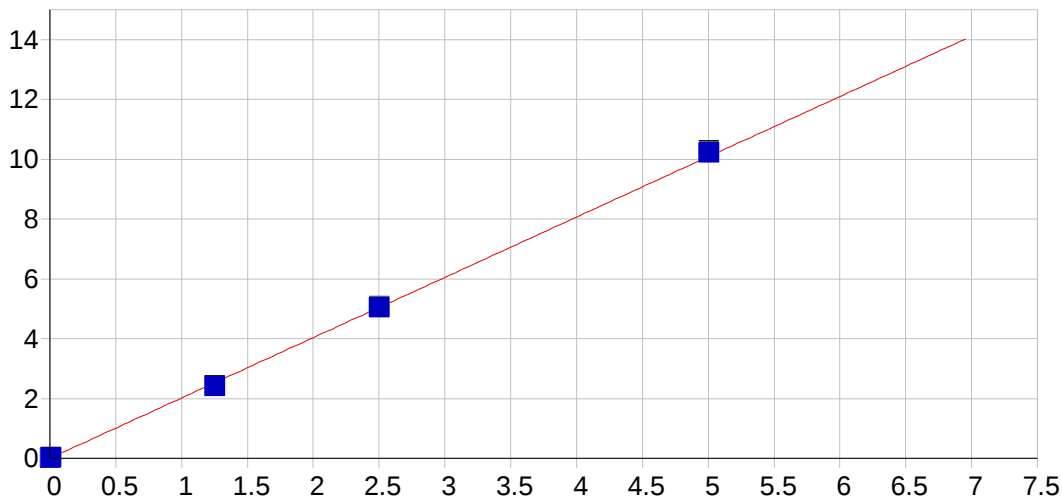
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002930 Re-Slope: 1.000000
 A1 (Gain): 3.172542 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939
 Std Error of Est: 0.000103
 Predicted MDL: 0.000105
 Predicted MQL: 0.000350

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00293	.000	1
S1	.00600	.00639	.000	6.43	.01708	.000	1
S3	.12500	.12213	-.003	-2.29	.38078	.001	1
S4	.25000	.25182	.002	.726	.78843	.002	1
S5	.50000	.50067	.001	.133	1.5704	.011	1



Cd 226.502 {449}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

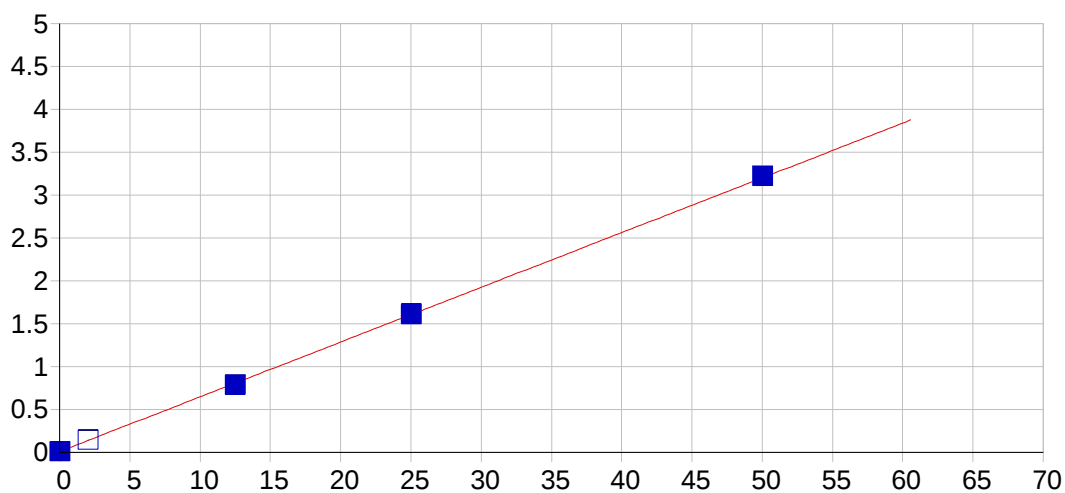
Weighting: 1/Conc

A0 (Offset): 0.001631
 A1 (Gain): 2.016030
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779
 Std Error of Est: 0.000397
 Predicted MDL: 0.000181
 Predicted MQL: 0.000605

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00163	.000	1
S1	.00600	.00597	-.000	-.567	.01369	.000	1
S3	1.2500	1.1880	-.062	-4.96	2.3975	.011	1
S4	2.5000	2.4988	-.001	-.050	5.0409	.024	1
S5	5.0000	5.0633	.063	1.27	10.213	.055	1

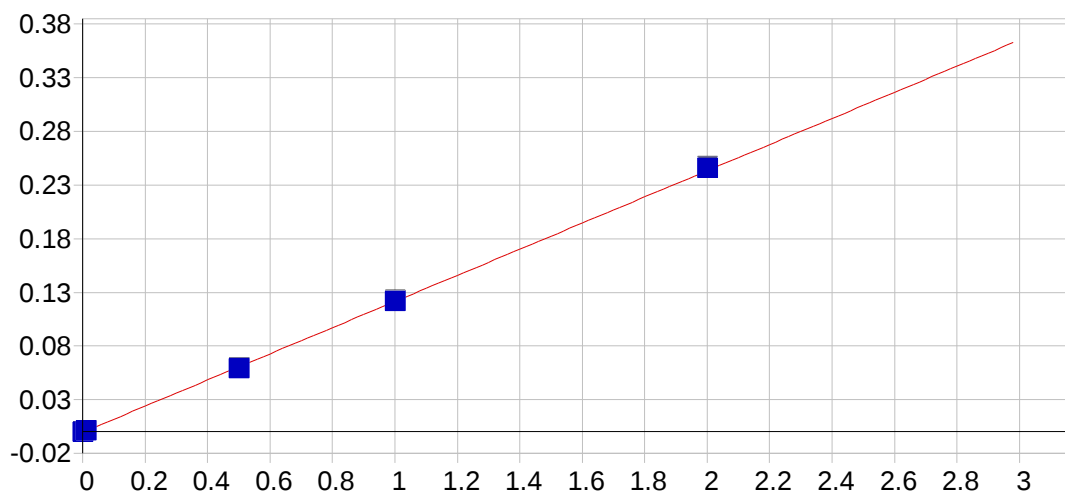


Ca 373.690 { 90}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009690 Re-Slope: 1.000000
 A1 (Gain): 0.063825 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000561
 Predicted MDL: 0.012601
 Predicted MQL: 0.042005

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	-.000	.000	.00969	.000	1
S2	2.0000	2.1221	.122	6.10	.14513	.000	1
S3	12.500	12.079	-.421	-3.37	.78108	.002	1
S4	25.000	25.014	.014	.054	1.6070	.003	1
S5	50.000	50.285	.285	.570	3.2209	.003	1



Cr 267.716 {126}

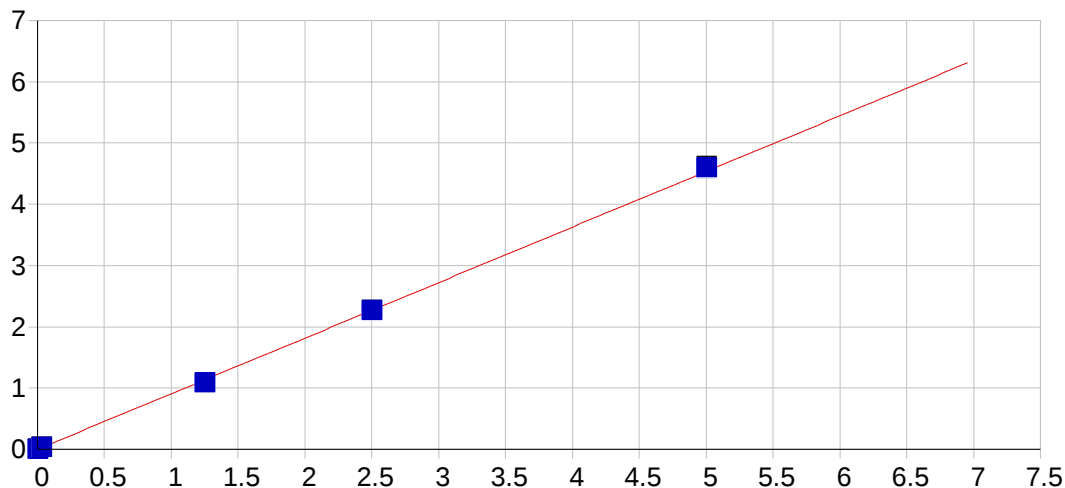
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000407 Re-Slope: 1.000000
 A1 (Gain): 0.121864 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000014
 Predicted MDL: 0.000901
 Predicted MQL: 0.003005

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.01000	.00862	-.001	-13.8	.00065	.000	1
S3	.50000	.48561	-.014	-2.88	.05915	.000	1
S4	1.0000	.99921	-.001	-.079	.12211	.000	1
S5	2.0000	2.0166	.017	.828	.24684	.001	1



Co 228.616 {448}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

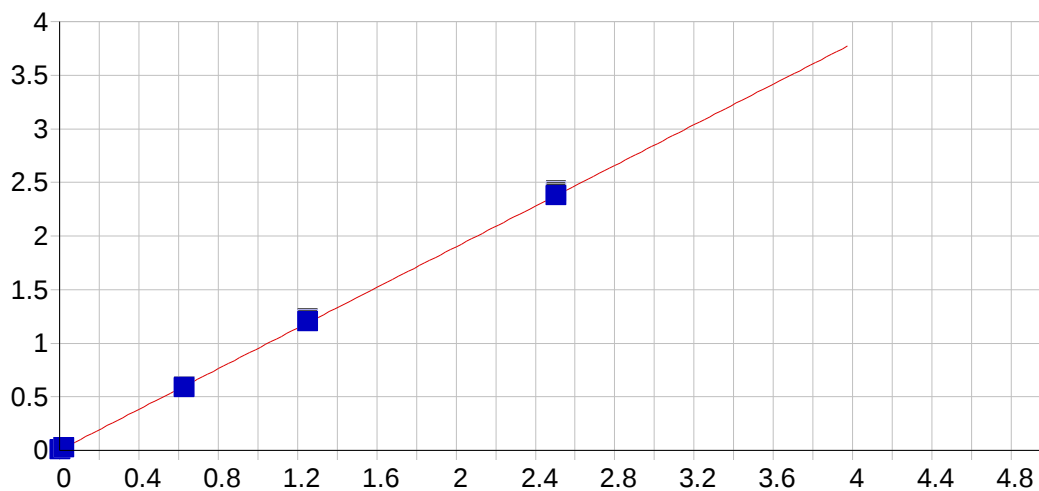
Weighting: 1/Conc

A0 (Offset): 0.001052
 A1 (Gain): 0.906970
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802
 Std Error of Est: 0.000377
 Predicted MDL: 0.000383
 Predicted MQL: 0.001278

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00105	.001	1
S1	.03000	.02939	-.001	-2.02	.02746	.000	1
S3	1.2500	1.1926	-.057	-4.60	1.0796	.005	1
S4	2.5000	2.4949	-.005	-.205	2.2576	.003	1
S5	5.0000	5.0632	.063	1.26	4.5808	.025	1

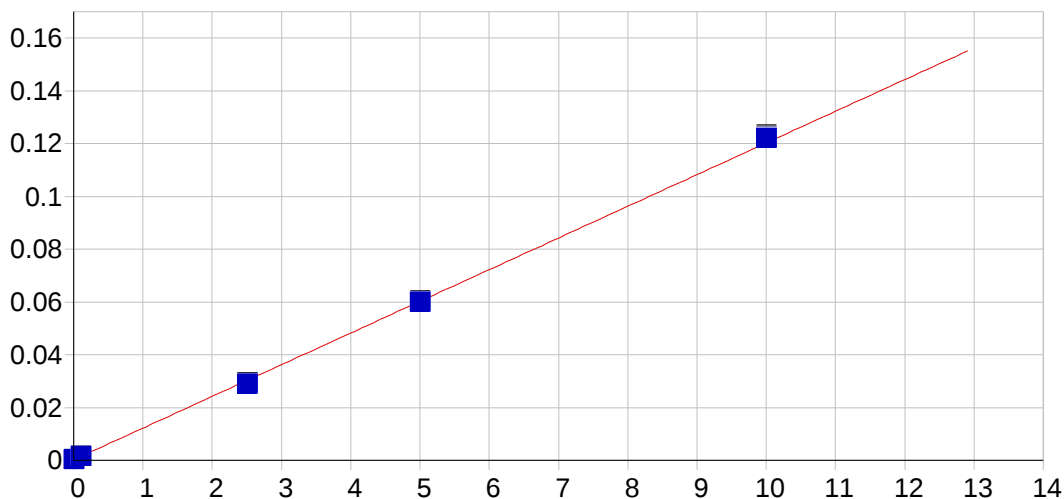


Cu 224.700 {450}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003180 Re-Slope: 1.000000
 A1 (Gain): 0.948235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.000650
 Predicted MQL: 0.002167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00318	.000	1
S1	.02000	.01962	-.000	-1.89	.02207	.001	1
S3	.62500	.61052	-.014	-2.32	.59108	.001	1
S4	1.2500	1.2636	.014	1.09	1.2194	.004	1
S5	2.5000	2.5012	.001	.048	2.4108	.008	1



Fe 240.488 {140}

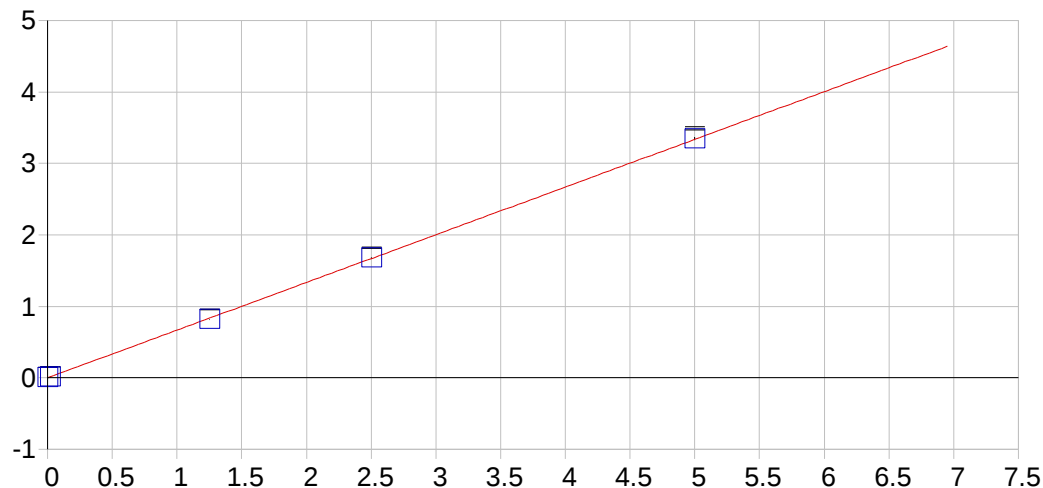
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.012005 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814
 Std Error of Est: 0.000013
 Predicted MDL: 0.006143
 Predicted MQL: 0.020475

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.10000	.09762	-.002	-2.38	.00138	.000	1
S3	2.5000	2.3940	-.106	-4.24	.02909	.000	1
S4	5.0000	4.9713	-.029	-.573	.06019	.000	1
S5	10.000	10.137	.137	1.37	.12250	.001	1



Mn 257.610 {131}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

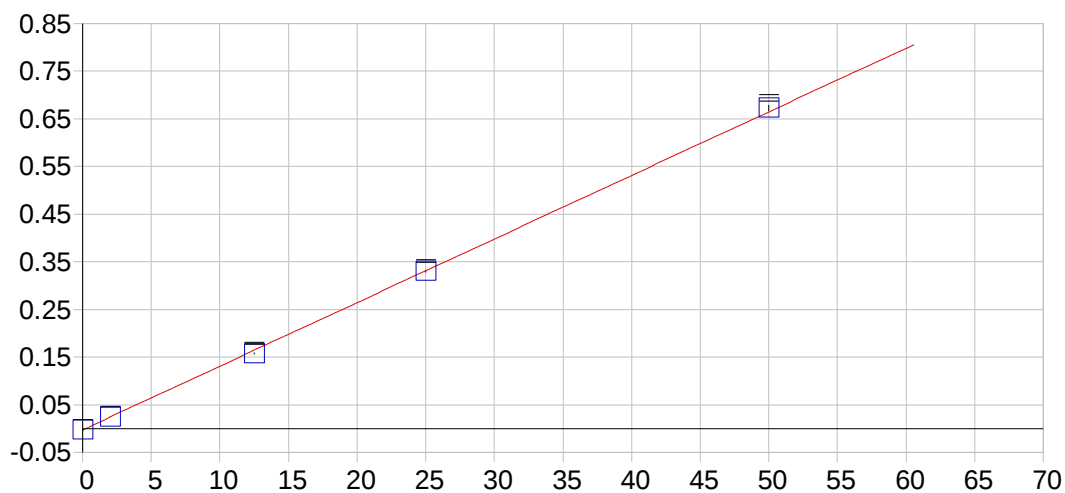
Weighting: 1/Conc

A0 (Offset): 0.000162
 A1 (Gain): 0.667385
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000116
 Predicted MDL: 0.000473
 Predicted MQL: 0.001577

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02153	.002	7.66	.01453	.000	1
S3	1.2500	1.2210	-.029	-2.32	.81504	.003	1
S4	2.5000	2.5140	.014	.559	1.6779	.010	1
S5	5.0000	5.0135	.013	.270	3.3461	.021	1

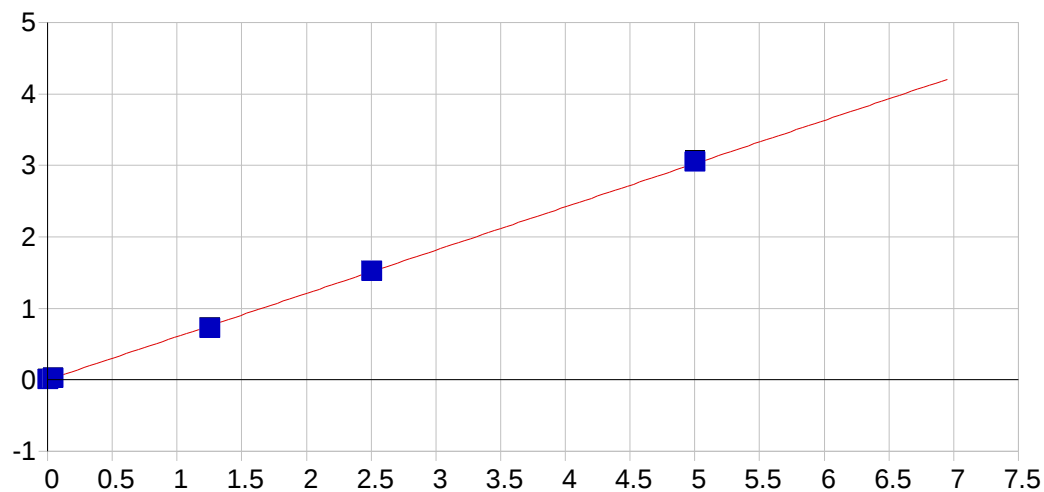


Mg 279.079 {121}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002543 Re-Slope: 1.000000
 A1 (Gain): 0.013347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.031491
 Predicted MQL: 0.104970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	-.00254	.000	1
S2	2.0000	2.0199	.020	.995	.02442	.000	1
S3	12.500	11.984	-.516	-4.13	.15740	.002	1
S4	25.000	24.929	-.071	-.286	.33017	.002	1
S5	50.000	50.567	.567	1.13	.67236	.006	1



Ni 231.604 {446}

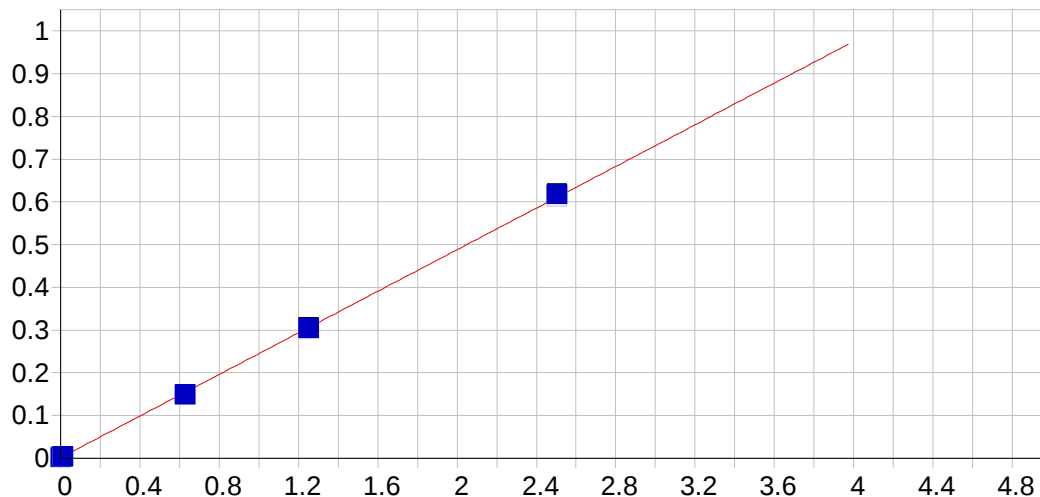
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000757 Re-Slope: 1.000000
 A1 (Gain): 0.605127 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000267
 Predicted MDL: 0.000627
 Predicted MQL: 0.002089

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00076	.000	1
S1	.04000	.03953	-.000	-1.18	.02317	.000	1
S3	1.2500	1.1943	-.056	-4.45	.72224	.003	1
S4	2.5000	2.5144	.014	.574	1.5213	.003	1
S5	5.0000	5.0418	.042	.835	3.0512	.017	1

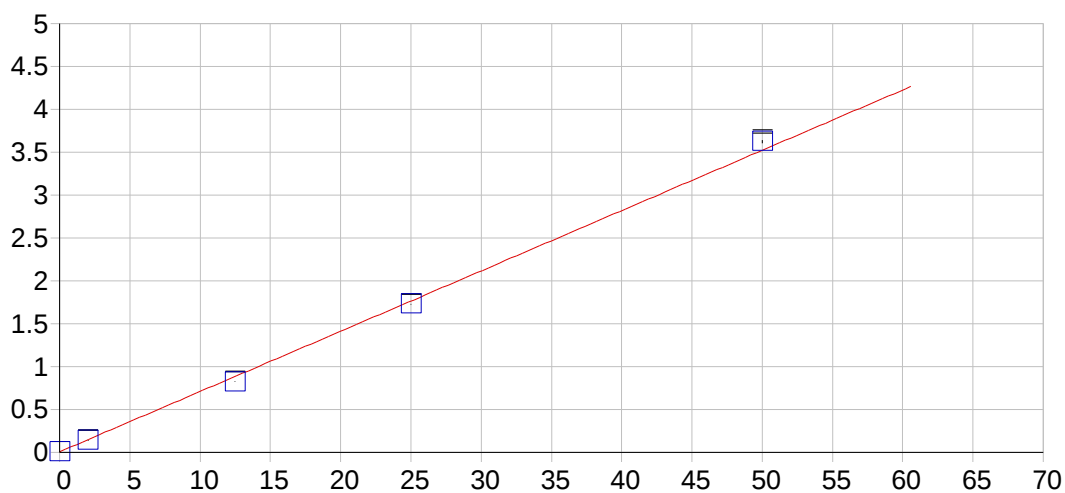


Ag 328.068 {103}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001264 Re-Slope: 1.000000
 A1 (Gain): 0.243549 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.000733
 Predicted MQL: 0.002444

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00126	.000	1
S1	.01000	.00985	-.000	-1.46	.00362	.000	1
S3	.62500	.60431	-.021	-3.31	.14712	.000	1
S4	1.2500	1.2443	-.006	-.459	.30165	.001	1
S5	2.5000	2.5266	.027	1.06	.61131	.001	1

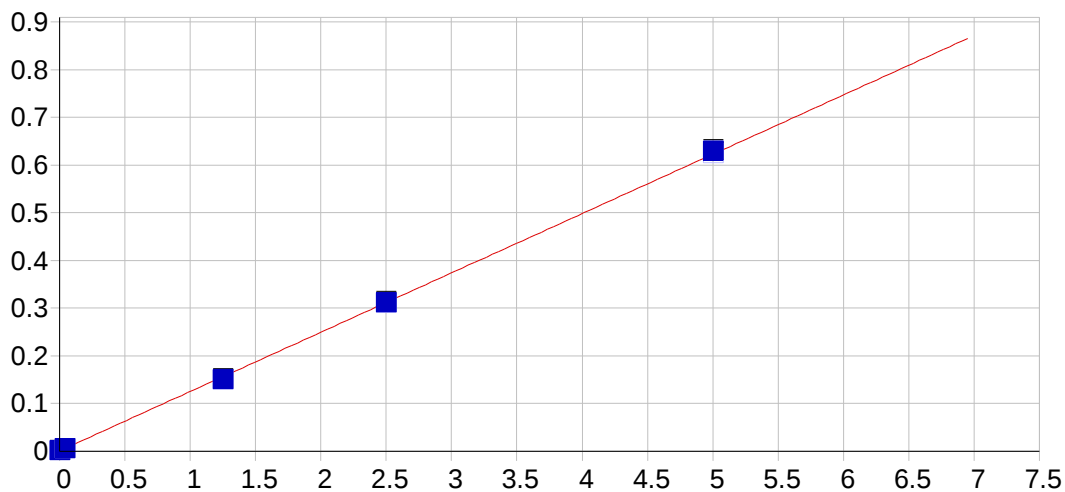


Na 589.592 { 57}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006487 Re-Slope: 1.000000
 A1 (Gain): 0.070327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999353 Status: OK.
 Std Error of Est: 0.001381
 Predicted MDL: 0.008531
 Predicted MQL: 0.028436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.00650	.001	1
S2	2.0000	1.9258	-.074	-3.71	.14192	.002	1
S3	12.500	11.633	-.867	-6.94	.82459	.004	1
S4	25.000	24.487	-.513	-2.05	1.7286	.006	1
S5	50.000	51.455	1.45	2.91	3.6252	.019	1



V 292.402 {115}

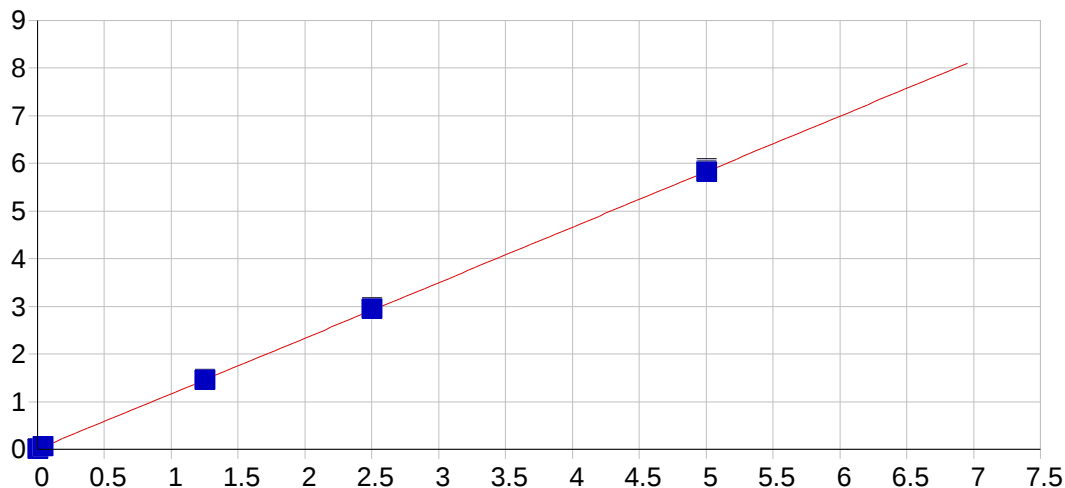
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000999 Re-Slope: 1.000000
 A1 (Gain): 0.124391 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999836
 Std Error of Est: 0.000054
 Predicted MDL: 0.003144
 Predicted MQL: 0.010479

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00100	.000	1
S1	.04000	.03526	-.005	-11.8	.00531	.000	1
S3	1.2500	1.2032	-.047	-3.74	.14949	.000	1
S4	2.5000	2.4999	-.000	-.006	.30962	.002	1
S5	5.0000	5.0516	.052	1.03	.62469	.002	1



Zn 206.200 {464}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

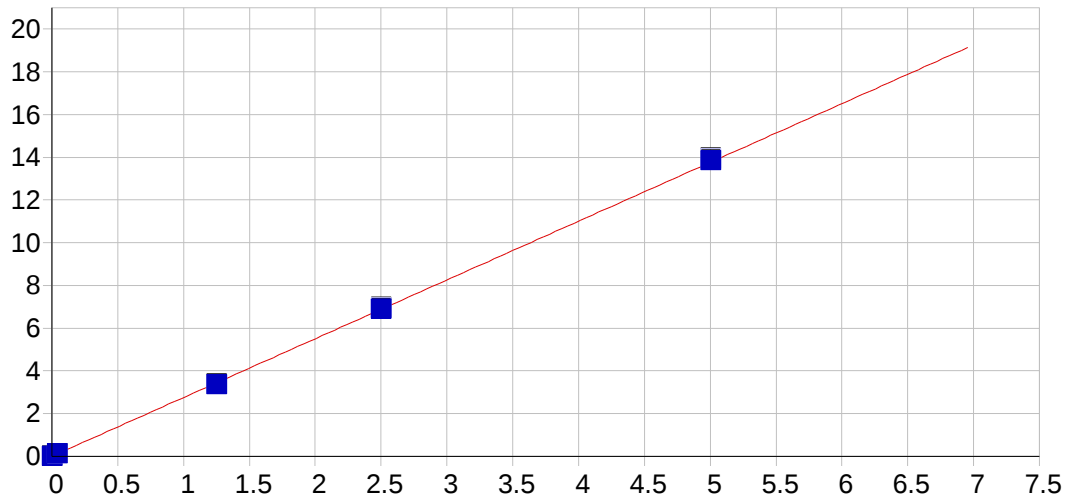
Weighting: 1/Conc

A0 (Offset): 0.004604
 A1 (Gain): 1.164638
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000180
 Predicted MDL: 0.000361
 Predicted MQL: 0.001203

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00460	.000	1
S1	.04000	.04187	.002	4.68	.05370	.001	1
S3	1.2500	1.2368	-.013	-1.06	1.4551	.003	1
S4	2.5000	2.5177	.018	.707	2.9571	.011	1
S5	5.0000	4.9937	-.006	-.127	5.8610	.021	1

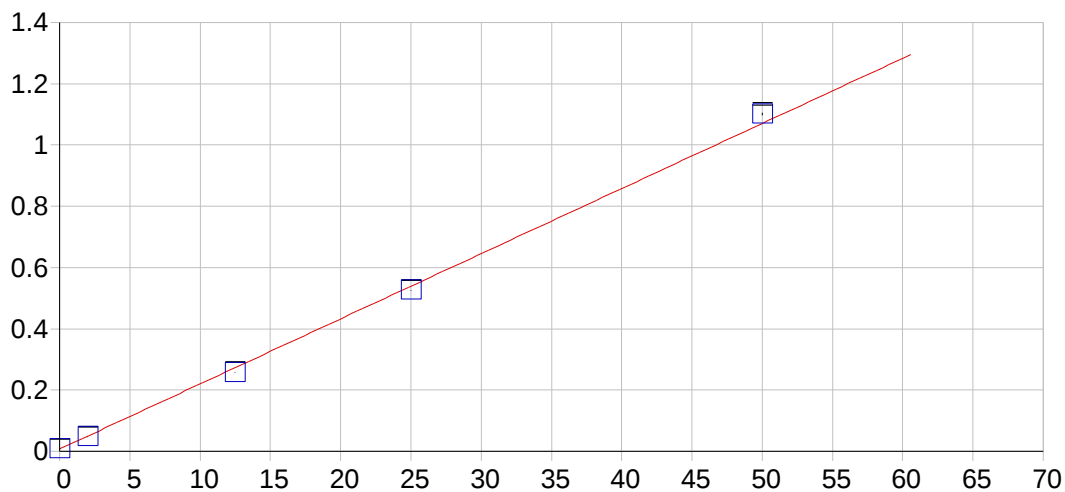


Zn 213.856 {158}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004393 Re-Slope: 1.000000
 A1 (Gain): 2.751296 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000799
 Predicted MDL: 0.000507
 Predicted MQL: 0.001689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00439	.002	1
S1	.04000	.04185	.002	4.63	.12031	.001	1
S3	1.2500	1.2144	-.036	-2.85	3.3696	.002	1
S4	2.5000	2.5058	.006	.231	6.9464	.032	1
S5	5.0000	5.0279	.028	.559	13.934	.018	1



K 766.490 {44}

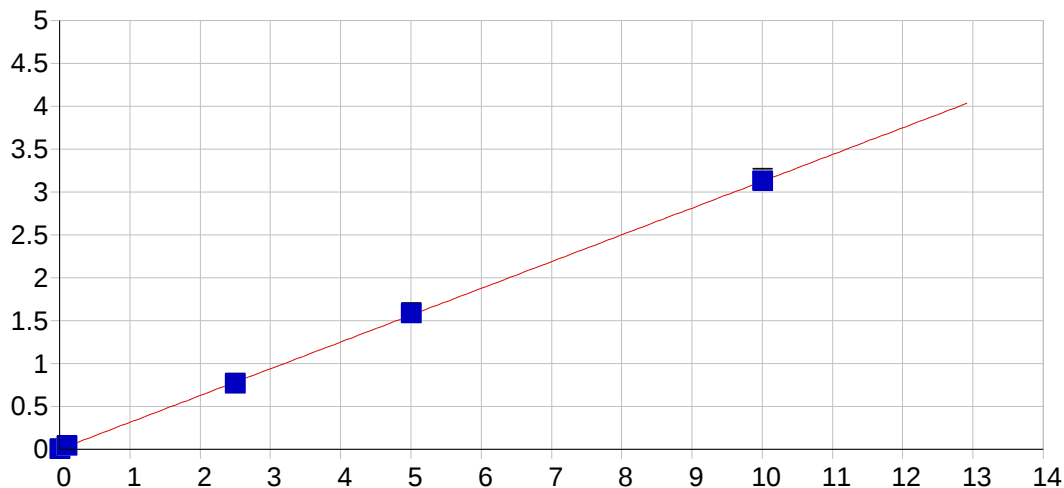
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007320 Re-Slope: 1.000000
 A1 (Gain): 0.021262 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999430
 Std Error of Est: 0.000392
 Predicted MDL: 0.031119
 Predicted MQL: 0.103729

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	.00732	.000	1
S2	2.0000	1.8936	-.106	-5.32	.04758	.001	1
S3	12.500	11.790	-.710	-5.68	.25801	.001	1
S4	25.000	24.385	-.615	-2.46	.52581	.001	1
S5	50.000	51.431	1.43	2.86	1.1009	.004	1



B 249.678 {135}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

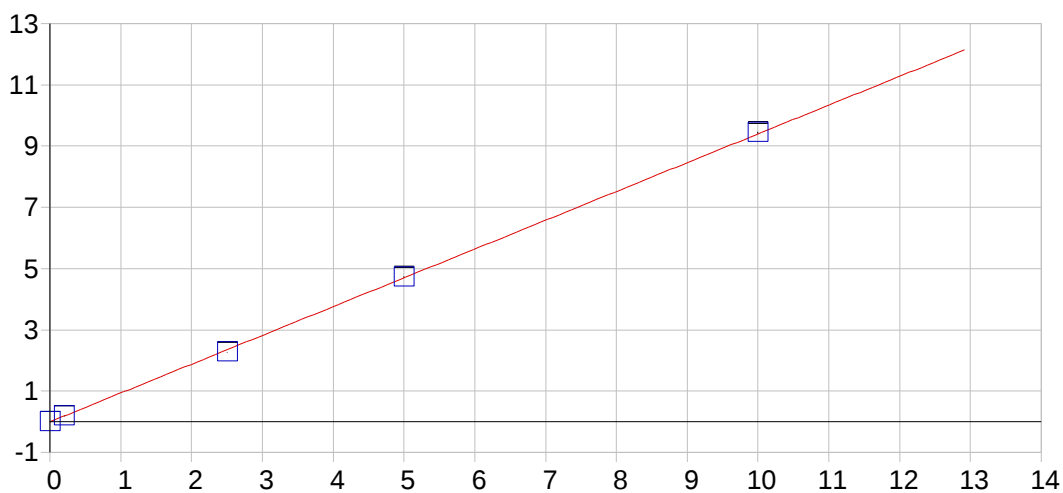
Weighting: 1/Conc

A0 (Offset): 0.002241
 A1 (Gain): 0.312255
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000191
 Predicted MDL: 0.001351
 Predicted MQL: 0.004502

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00224	.000	1
S1	.10000	.10215	.002	2.15	.03398	.001	1
S3	2.5000	2.4371	-.063	-2.52	.76074	.003	1
S4	5.0000	5.0555	.056	1.11	1.5759	.006	1
S5	10.000	10.005	.005	.052	3.1164	.030	1

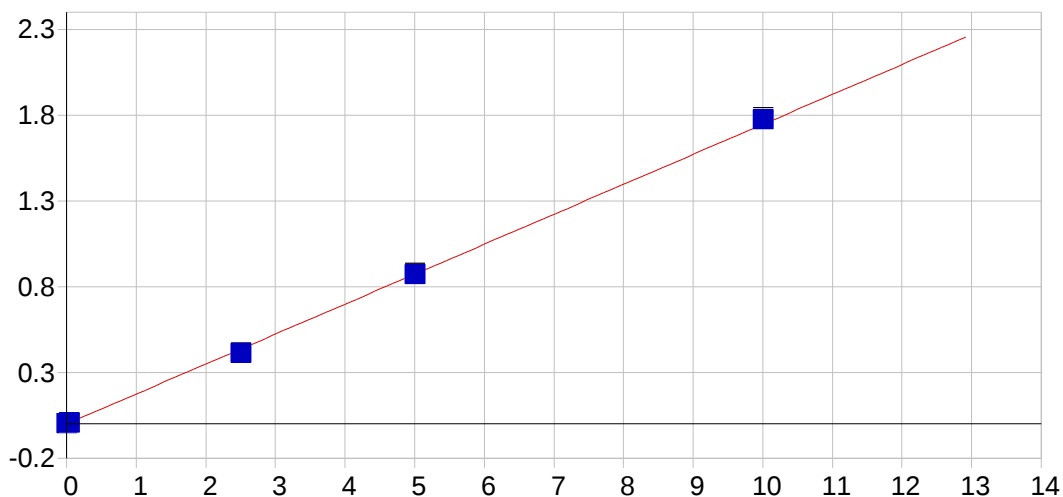


Mo 202.030 {467}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001295 Re-Slope: 1.000000
 A1 (Gain): 0.939951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.001037
 Predicted MDL: 0.000426
 Predicted MQL: 0.001420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00130	.000	1
S1	.20000	.21026	.010	5.13	.19634	.001	1
S3	2.5000	2.4168	-.083	-3.33	2.2704	.009	1
S4	5.0000	5.0299	.030	.599	4.7266	.023	1
S5	10.000	10.043	.043	.430	9.4386	.031	1



Sn 189.989 {478}

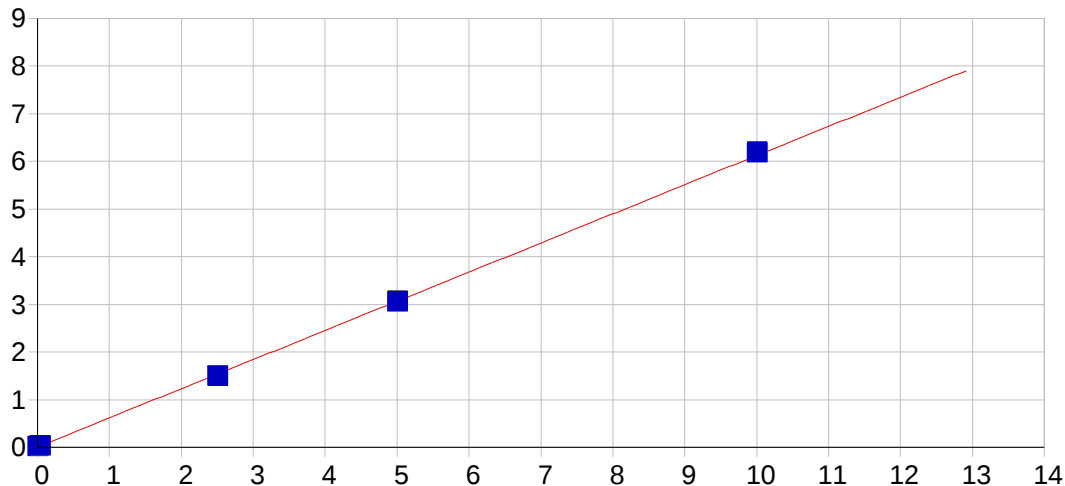
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000085 Re-Slope: 1.000000
 A1 (Gain): 0.174631 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698
 Std Error of Est: 0.000147
 Predicted MDL: 0.001176
 Predicted MQL: 0.003920

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.04000	.03702	-.003	-7.45	.00638	.000	1
S3	2.5000	2.3587	-.141	-5.65	.41206	.000	1
S4	5.0000	4.9904	-.010	-.192	.87189	.005	1
S5	10.000	10.154	.154	1.54	1.7741	.010	1



Ti 336.121 {100}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

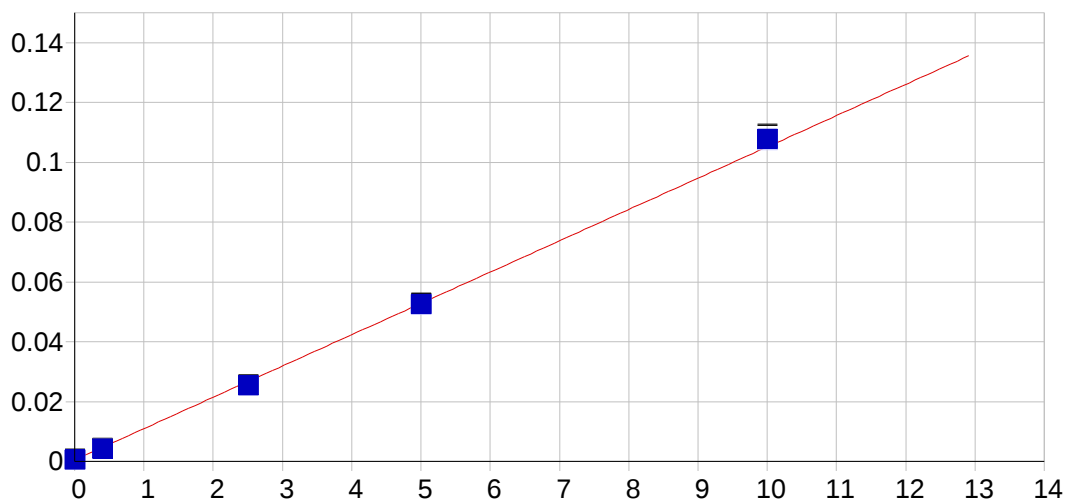
Weighting: 1/Conc

A0 (Offset): 0.007354
 A1 (Gain): 0.611535
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917
 Std Error of Est: 0.000270
 Predicted MDL: 0.001040
 Predicted MQL: 0.003466

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00736	.000	1
S1	.04000	.03831	-.002	-4.23	.03077	.000	1
S3	2.5000	2.4311	-.069	-2.76	1.4939	.003	1
S4	5.0000	4.9780	-.022	-.439	3.0512	.010	1
S5	10.000	10.093	.093	.926	6.1786	.018	1

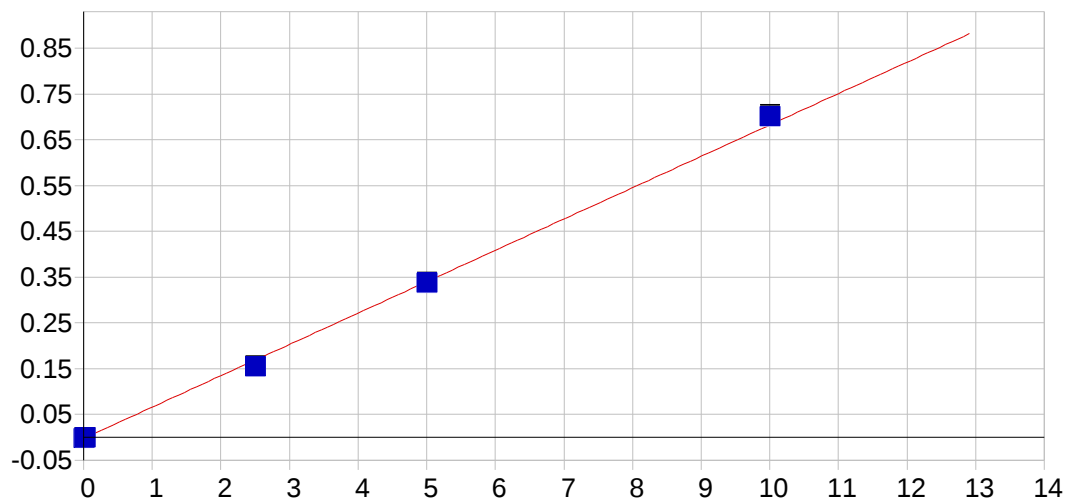


Si 288.158 {117}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000493 Re-Slope: 1.000000
 A1 (Gain): 0.010466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999444 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.011912
 Predicted MQL: 0.039706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.00049	.000	1
S1	.40000	.34475	-.055	-13.8	.00410	.000	1
S3	2.5000	2.3719	-.128	-5.13	.02523	.000	1
S4	5.0000	4.9557	-.044	-8.86	.05218	.000	1
S5	10.000	10.228	.228	2.28	.10719	.002	1



P 177.495 {490}

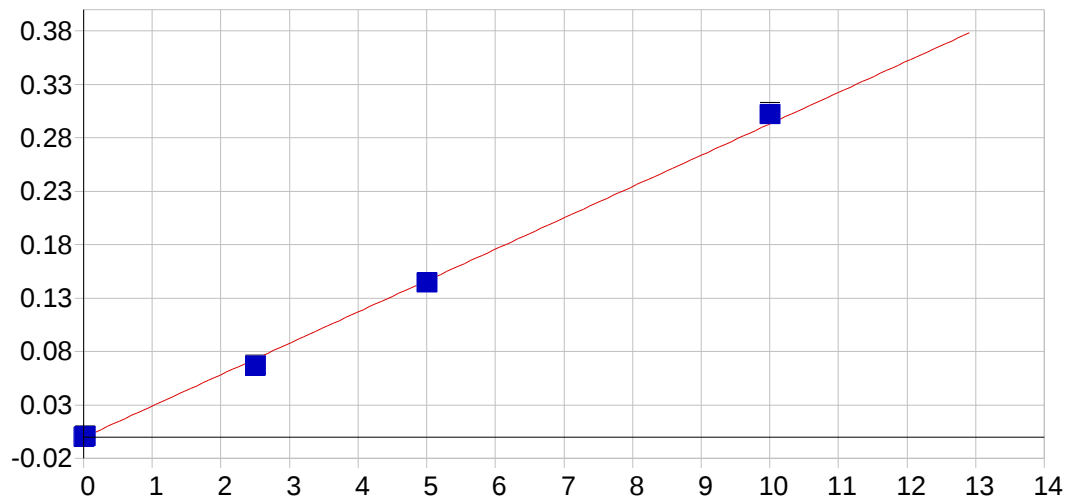
Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002296 Re-Slope: 1.000000
 A1 (Gain): 0.068484 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999295
 Std Error of Est: 0.000062
 Predicted MDL: 0.002845
 Predicted MQL: 0.009482

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00230	.000	1
S1	.02000	.01953	-.000	-2.36	-.00096	.000	1
S3	2.5000	2.2903	-.210	-8.39	.15431	.001	1
S4	5.0000	4.9530	-.047	-.941	.33641	.001	1
S5	10.000	10.257	.257	2.57	.69916	.005	1



S 182.034 {485}

Date of Fit: 3/25/2020 16:26:55

Type of Fit: Linear

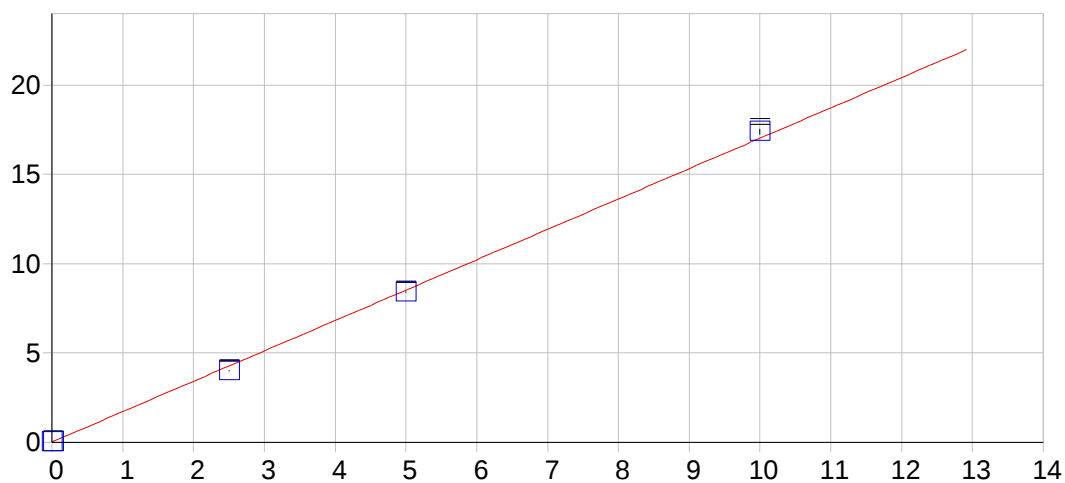
Weighting: 1/Conc

A0 (Offset): -0.000370
 A1 (Gain): 0.029344
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999069
 Std Error of Est: 0.000031
 Predicted MDL: 0.006372
 Predicted MQL: 0.021240

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00037	.000	1
S1	.02000	.02548	.005	27.4	.00036	.000	1
S3	2.5000	2.2728	-.227	-9.09	.06626	.001	1
S4	5.0000	4.9194	-.081	-1.61	.14387	.000	1
S5	10.000	10.303	.303	3.03	.30172	.002	1

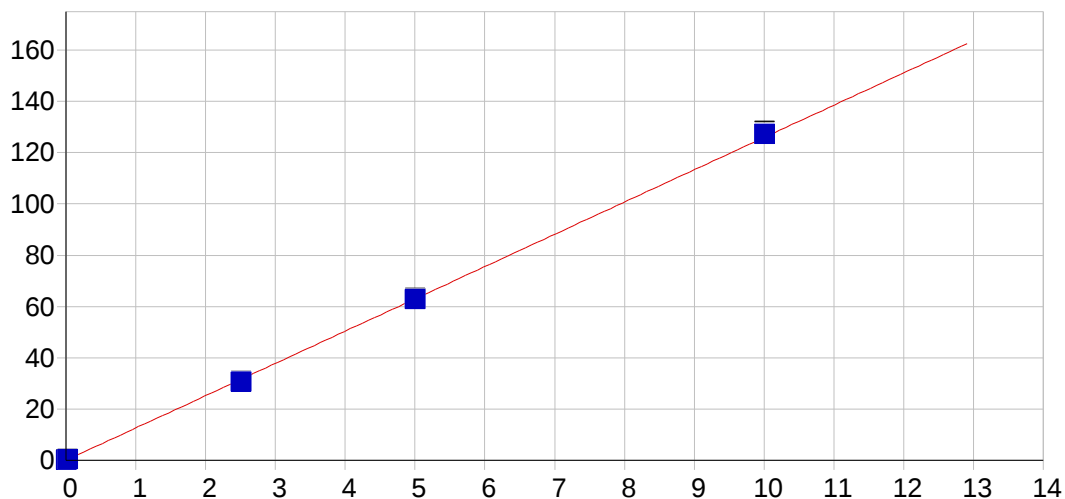


Li 670.784 { 50}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020770 Re-Slope: 1.000000
 A1 (Gain): 1.700237 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999571 Status: OK.
 Std Error of Est: 0.001203
 Predicted MDL: 0.001336
 Predicted MQL: 0.004453

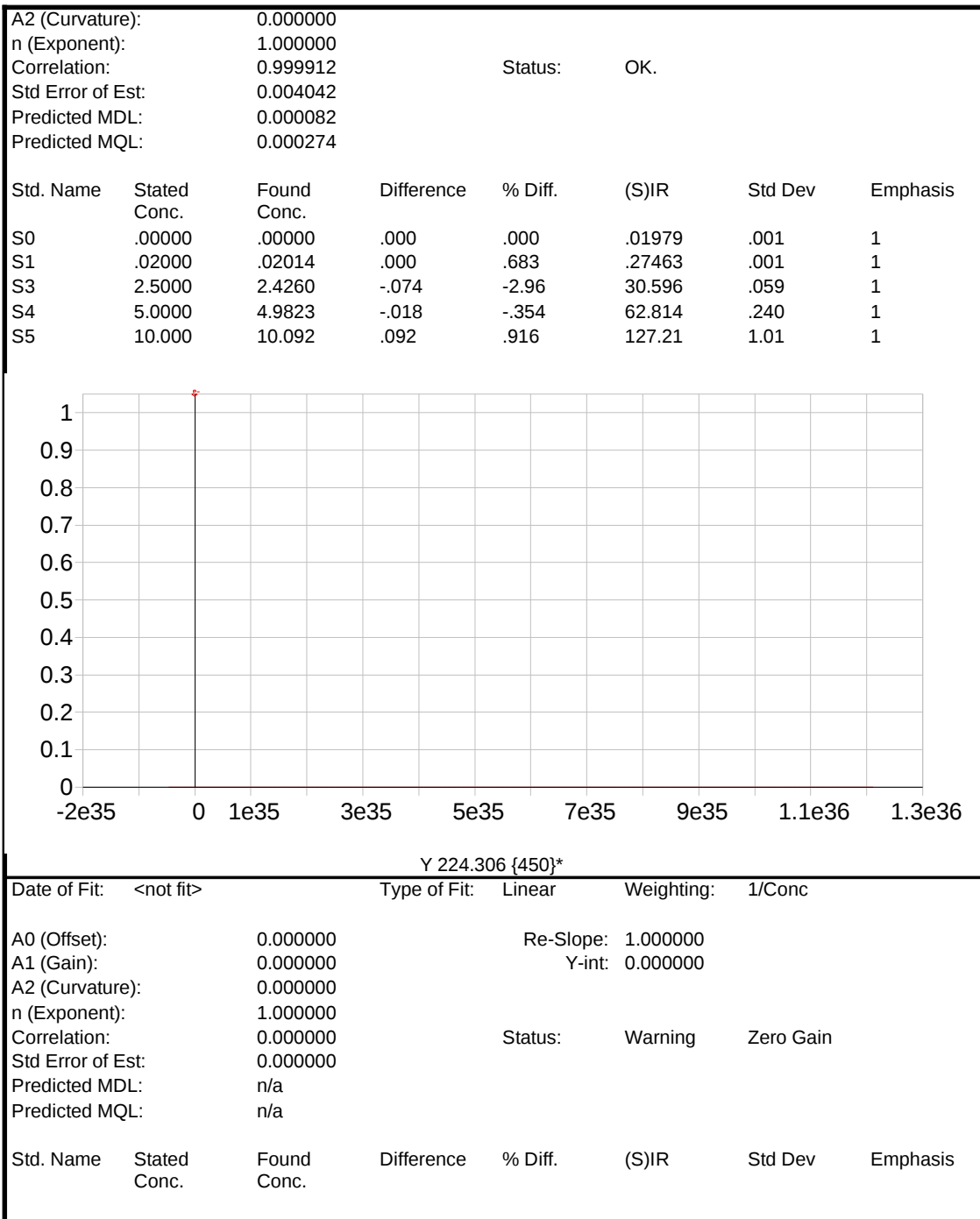
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02077	.001	1
S5	10.000	10.219	.219	2.19	17.396	.157	1
S4	5.0000	4.9344	-.066	-1.31	8.4105	.036	1
S3	2.5000	2.3482	-.152	-6.07	4.0133	.021	1
S1	.02000	.01828	-.002	-8.62	.05184	.002	1

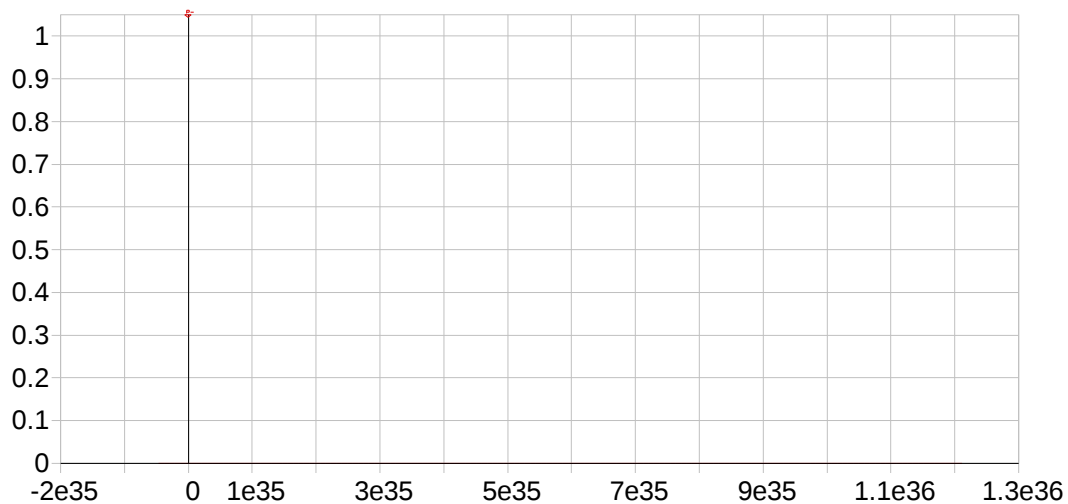


Sr 407.771 { 83}

Date of Fit: 3/25/2020 16:26:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019783 Re-Slope: 1.000000
 A1 (Gain): 12.590181 Y-int: 0.000000

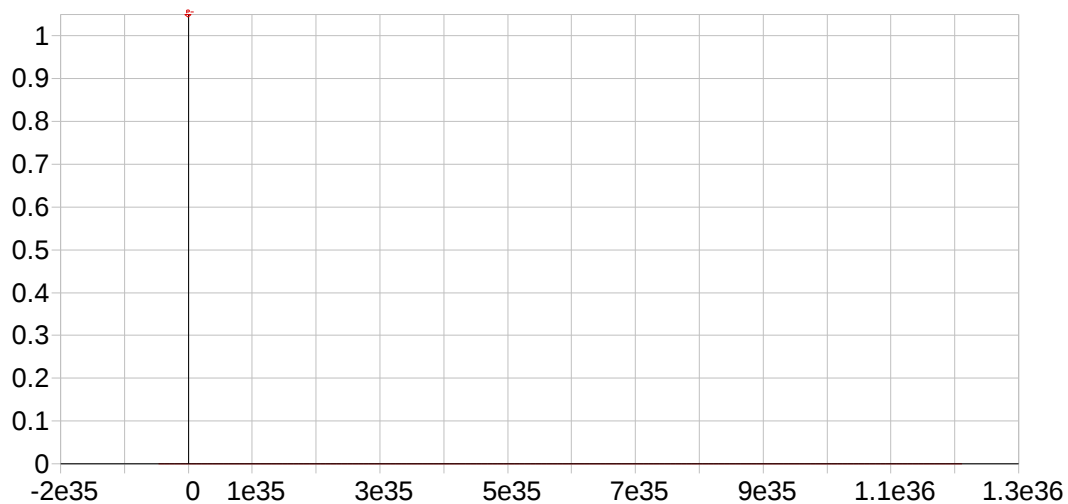




Y 360.073 { 94}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

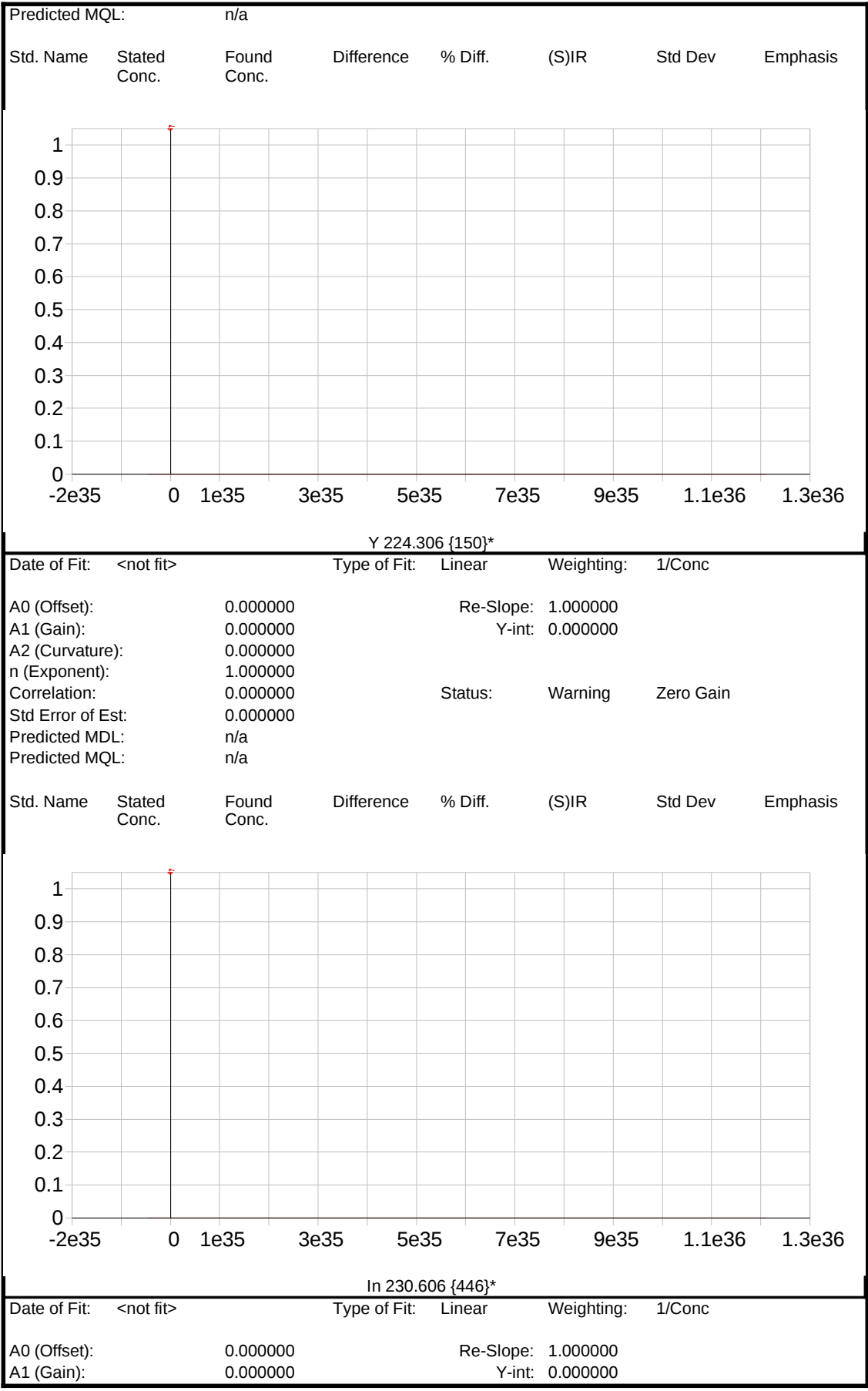
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 371.030 { 91}*
 Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		



A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 3/25/2020 11:32:38 Type: Cal
Method: NON EPA-6010-200.7(v322) 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	.00059	-.00138	.00022	.00113	-.00145	.00781	.01934	-.00293
Stddev	.00012	.00028	.00038	.00026	.00033	.00006	.00199	.00034
%RSD	21.109	20.590	173.86	22.837	22.499	.76679	10.310	11.505

#1	.00072	-.00131	.00065	.00104	-.00111	.00774	.01757	-.00264
#2	.00059	-.00114	-.00006	.00092	-.00175	.00786	.02150	-.00285
#3	.00047	-.00169	.00006	.00142	-.00148	.00782	.01897	-.00330

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00163	.00969	-.00041	.00105	.00318	.00020	.00016	-.00254
Stddev	.00035	.00048	.00003	.00060	.00025	.00009	.00027	.00009
%RSD	21.235	4.9888	8.3165	56.996	7.8006	42.467	168.44	3.6860

#1	.00202	.00964	-.00044	.00167	.00325	.00025	.00041	-.00260
#2	.00135	.00923	-.00037	.00047	.00290	.00026	-.00013	-.00259
#3	.00152	.01019	-.00041	.00102	.00338	.00010	.00021	-.00243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00076	.00126	.00650	.00100	.00439	.00732	.00224	-.00130
Stddev	.00047	.00014	.00090	.00036	.00192	.00039	.00018	.00032
%RSD	61.572	10.935	13.847	36.268	43.776	5.3569	7.9618	24.263

#1	-.00053	.00129	.00594	.00069	.00591	.00734	.00221	-.00121
#2	-.00045	.00111	.00602	.00090	.00223	.00771	.00208	-.00165
#3	-.00129	.00139	.00754	.00140	.00503	.00693	.00243	-.00104

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	-.00008	.00736	.00049	-.00230	-.00037	.02077	.01979	
Stddev	.00017	.00024	.00011	.00021	.00010	.00115	.00122	
%RSD	203.76	3.2027	23.279	8.9442	26.960	5.5513	6.1875	

#1	.00011	.00759	.00062	-.00252	-.00048	.02178	.02117	
#2	-.00021	.00736	.00047	-.00211	-.00030	.02103	.01935	
#3	-.00015	.00712	.00039	-.00226	-.00033	.01951	.01884	

Sample Name: S0 Acquired: 3/25/2020 11:32:38 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1108.1	21062.	5194.6	819.70	1836.8
Stddev	1.8	49.	37.4	6.48	4.4
%RSD	.16416	.23331	.72080	.79093	.24103
#1	1106.1	21016.	5162.8	812.77	1833.2
#2	1108.4	21056.	5235.9	825.62	1841.8
#3	1109.7	21114.	5185.0	820.71	1835.5

Sample Name: S1 Acquired: 3/25/2020 11:36:41 Type: Cal
Method: NON EPA-6010-200.7(v322) 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	.00212	.00137	.00250	.00288	.00924	.01838	.49130	.01708
Stddev	.00042	.00014	.00020	.00068	.00034	.00044	.00327	.00023
%RSD	19.699	9.9042	8.1012	23.512	3.7248	2.4094	.66528	1.3422

#1	.00259	.00122	.00264	.00284	.00898	.01848	.48929	.01714
#2	.00193	.00149	.00227	.00222	.00911	.01790	.49508	.01682
#3	.00182	.00140	.00260	.00357	.00963	.01876	.48955	.01727

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01369	.00065	.02746	.02207	.00138	.01453	.02317	.00362
Stddev	.00027	.00004	.00030	.00092	.00008	.00007	.00020	.00008
%RSD	2.0077	6.3535	1.0863	4.1829	5.5807	.51247	.85176	2.1807

#1	.01352	.00067	.02734	.02124	.00141	.01445	.02300	.00364
#2	.01355	.00067	.02725	.02191	.00129	.01455	.02312	.00353
#3	.01401	.00060	.02781	.02307	.00144	.01459	.02338	.00369

Elem	V_2924	Zn2138	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00531	.12031	.03398	.19634	.00638	.03077	.00410	-.00096
Stddev	.00028	.00088	.00057	.00061	.00026	.00022	.00013	.00018
%RSD	5.3382	.73195	1.6796	.31153	4.1083	.71581	3.1940	18.945

#1	.00557	.11992	.03379	.19686	.00611	.03102	.00406	-.00076
#2	.00501	.12132	.03353	.19648	.00640	.03059	.00399	-.00112
#3	.00534	.11969	.03462	.19566	.00664	.03069	.00424	-.00101

Elem	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.00036	.05184	.27463
Stddev	.00020	.00197	.00133
%RSD	54.012	3.7972	.48362

#1	.00051	.05375	.27607
#2	.00014	.05196	.27436
#3	.00044	.04982	.27346

Sample Name: S1 Acquired: 3/25/2020 11:36:41 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.2	20912.	5237.0	815.62	1811.3
Stddev	1.4	301.	36.2	18.34	4.4
%RSD	.12862	1.4383	.69085	2.2484	.24445
#1	1100.6	20569.	5206.1	795.13	1813.7
#2	1103.3	21039.	5228.0	821.22	1814.1
#3	1102.7	21128.	5276.8	830.50	1806.2

Sample Name: S2 Acquired: 3/25/2020 11:40:44 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14513	.02442	.14192	.04758
Stddev	.00023	.00042	.00152	.00084
%RSD	.16013	1.7208	1.0678	1.7698

#1	.14516	.02432	.14018	.04667
#2	.14535	.02488	.14267	.04833
#3	.14489	.02406	.14292	.04774

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	21305.	5356.4
Stddev	49.	63.8
%RSD	.23124	1.1913

#1	21261.	5287.5
#2	21295.	5368.1
#3	21358.	5413.5

Sample Name: S3 Acquired: 3/25/2020 11:44:46 Type: Cal
Method: NON EPA-6010-200.7(v322) 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	.18204	.18903	.39484	.20164	.49035	.48728	21.675	.38078
Stddev	.00084	.00085	.00066	.00053	.00134	.00189	.021	.00084
%RSD	.46360	.45164	.16819	.26089	.27291	.38798	.09655	.22192

#1	.18300	.18844	.39554	.20222	.49068	.48901	21.658	.38064
#2	.18169	.18864	.39423	.20119	.48887	.48526	21.698	.38001
#3	.18143	.19000	.39474	.20152	.49148	.48756	21.668	.38168

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3975	.78108	.05915	1.0796	.59108	.02909	.81504	.15740
Stddev	.0108	.00191	.00034	.0049	.00145	.00030	.00336	.00183
%RSD	.45219	.24481	.56668	.45109	.24478	1.0371	.41271	1.1616

#1	2.3881	.77927	.05877	1.0756	.58976	.02875	.81281	.15715
#2	2.3950	.78308	.05929	1.0781	.59085	.02920	.81341	.15572
#3	2.4094	.78090	.05939	1.0850	.59262	.02933	.81891	.15935

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.72224	.14712	.82459	.14949	3.3696	.25801	.76074	2.2704
Stddev	.00253	.00046	.00356	.00041	.0024	.00125	.00333	.0089
%RSD	.35061	.31149	.43165	.27454	.06969	.48351	.43760	.39065

#1	.72010	.14679	.82240	.14939	3.3669	.25658	.76187	2.2657
#2	.72158	.14692	.82869	.14915	3.3708	.25858	.75699	2.2649
#3	.72504	.14764	.82266	.14995	3.3711	.25887	.76335	2.2806

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.41206	1.4939	.02523	.15431	.06626	4.0133	30.596	
Stddev	.00032	.0030	.00015	.00050	.00050	.0214	.059	
%RSD	.07855	.20249	.61010	.32650	.76190	.53294	.19270	

#1	.41226	1.4914	.02511	.15441	.06602	4.0170	30.582	
#2	.41169	1.4929	.02517	.15376	.06593	3.9903	30.661	
#3	.41225	1.4972	.02540	.15475	.06685	4.0325	30.546	

Sample Name: S3 Acquired: 3/25/2020 11:44:46 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.1	20721.	5317.8	814.05	1740.5
Stddev	1.9	29.	26.2	2.46	5.6
%RSD	.17173	.14158	.49191	.30265	.32019
#1	1093.8	20692.	5288.3	811.80	1744.6
#2	1092.5	20719.	5338.2	813.67	1742.8
#3	1090.1	20751.	5326.9	816.68	1734.2

Sample Name: S4 Acquired: 3/25/2020 11:48:33 Type: Cal
Method: NON EPA-6010-200.7(v322) 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	.38506	.39650	.82962	.42523	1.0316	1.0074	44.743	.78843
Stddev	.00114	.00176	.00365	.00038	.0048	.0034	.322	.00161
%RSD	.29519	.44300	.44003	.08939	.46204	.33453	.71855	.20476

#1	.38540	.39458	.82685	.42561	1.0299	1.0111	44.627	.79003
#2	.38598	.39803	.83376	.42522	1.0369	1.0065	45.107	.78846
#3	.38379	.39689	.82824	.42485	1.0278	1.0046	44.496	.78680

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.0409	1.6070	.12211	2.2576	1.2194	.06019	1.6779	.33017
Stddev	.0244	.0032	.00040	.0034	.0042	.00024	.0096	.00234
%RSD	.48438	.20208	.33107	.15037	.34521	.40139	.57028	.70811

#1	5.0162	1.6101	.12254	2.2539	1.2185	.06018	1.6815	.32918
#2	5.0650	1.6074	.12206	2.2605	1.2239	.06043	1.6853	.33284
#3	5.0416	1.6036	.12174	2.2586	1.2157	.05994	1.6671	.32848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5213	.30165	1.7286	.30962	6.9464	.52581	1.5759	4.7266
Stddev	.0029	.00055	.0059	.00185	.0324	.00073	.0057	.0229
%RSD	.18759	.18336	.34328	.59764	.46622	.13809	.36163	.48507

#1	1.5192	.30223	1.7343	.31048	6.9832	.52609	1.5766	4.7125
#2	1.5245	.30160	1.7225	.31087	6.9339	.52498	1.5812	4.7531
#3	1.5201	.30112	1.7289	.30749	6.9221	.52636	1.5698	4.7142

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.87189	3.0512	.05218	.33641	.14387	8.4105	62.814	
Stddev	.00452	.0095	.00046	.00125	.00048	.0364	.240	
%RSD	.51797	.31159	.88984	.37150	.33423	.43325	.38184	

#1	.86681	3.0522	.05213	.33516	.14365	8.4370	62.864	
#2	.87545	3.0602	.05175	.33766	.14442	8.4255	63.025	
#3	.87341	3.0413	.05267	.33640	.14354	8.3689	62.553	

Sample Name: S4 Acquired: 3/25/2020 11:48:33 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.5	20418.	5254.0	798.92	1661.2
Stddev	3.6	78.	27.8	5.31	5.1
%RSD	.33494	.38404	.53004	.66473	.30674
#1	1064.0	20328.	5236.1	793.00	1665.2
#2	1058.5	20457.	5239.8	800.51	1655.5
#3	1065.2	20469.	5286.1	803.26	1662.9

Sample Name: S5 Acquired: 3/25/2020 11:52:34 Type: Cal
Method: NON EPA-6010-200.7(v322) 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	.77473	.78961	1.6794	.85144	2.0843	2.0395	90.786	1.5704
Stddev	.00273	.00369	.0087	.00118	.0085	.0040	.614	.0108
%RSD	.35241	.46758	.51627	.13892	.40961	.19614	.67622	.68839

#1	.77221	.78804	1.6777	.85020	2.0841	2.0406	90.118	1.5695
#2	.77436	.78696	1.6717	.85156	2.0759	2.0428	91.325	1.5816
#3	.77763	.79383	1.6888	.85255	2.0930	2.0350	90.916	1.5600

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.213	3.2209	.24684	4.5808	2.4108	.12250	3.3461	.67236
Stddev	.055	.0034	.00060	.0247	.0081	.00074	.0210	.00647
%RSD	.53752	.10614	.24416	.53867	.33512	.60478	.62875	.96190

#1	10.204	3.2201	.24616	4.5723	2.4086	.12240	3.3329	.66877
#2	10.163	3.2246	.24710	4.5615	2.4041	.12181	3.3704	.67982
#3	10.272	3.2179	.24728	4.6086	2.4198	.12329	3.3350	.66848

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0512	.61131	3.6252	.62469	13.934	1.1009	3.1164	9.4386
Stddev	.0171	.00127	.0195	.00220	.018	.0036	.0303	.0311
%RSD	.56047	.20777	.53782	.35214	.12981	.32926	.97215	.32922

#1	3.0480	.61035	3.6256	.62303	13.950	1.0975	3.1157	9.4235
#2	3.0359	.61082	3.6054	.62719	13.936	1.1004	3.1471	9.4180
#3	3.0697	.61275	3.6444	.62385	13.914	1.1047	3.0865	9.4743

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.7741	6.1786	.10719	.69916	.30172	17.396	127.21	
Stddev	.0104	.0177	.00177	.00461	.00155	.157	1.01	
%RSD	.58917	.28708	1.6544	.65988	.51359	.90453	.79787	

#1	1.7750	6.1697	.10555	.69988	.30086	17.275	126.07	
#2	1.7632	6.1990	.10694	.69423	.30079	17.574	128.03	
#3	1.7841	6.1670	.10907	.70337	.30351	17.338	127.52	

Sample Name: S5 Acquired: 3/25/2020 11:52:34 Type: Cal
Method: NON EPA-6010-200.7(v322) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1041.8	20054.	5259.4	782.93	1591.4
Stddev	2.6	13.	35.6	1.91	7.9
%RSD	.25334	.06242	.67770	.24386	.49812
#1	1042.2	20060.	5261.7	780.84	1591.6
#2	1044.2	20062.	5222.6	783.35	1599.3
#3	1039.0	20039.	5293.8	784.58	1583.4

Sample Name: ICV01 Acquired: 3/25/2020 11:56:36 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.9989662	1.019045	1.000258	1.027129	1.029089	2.554463
Stddev	.0050153	.001331	.005120	.003807	.003674	.042344
%RSD	.5020462	.1305713	.5118294	.3706142	.3569671	1.657632

#1	.9975953	1.018359	.996176	1.023549	1.032197	2.603281
#2	1.004524	1.018197	.998596	1.026711	1.025035	2.532432
#3	.994779	1.020578	1.006002	1.031128	1.030034	2.527678

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5402830	.5134365	.5072441	10.08071	.5281184	.5165178
Stddev	.0025752	.0066524	.0021008	.09207	.0047131	.0036390
%RSD	.4766291	1.295666	.4141581	.9133762	.8924365	.7045262

#1	.5430998	.5208367	.5064365	10.17305	.5273275	.5141976
#2	.5396996	.5115200	.5056669	9.98890	.5331769	.5146440
#3	.5380497	.5079526	.5096288	10.08017	.5238508	.5207119

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5319282	9.994476	.5221866	6.007246	.5116244	.2528359
Stddev	.0006842	.069267	.0041855	.086982	.0029549	.0014188
%RSD	.1286233	.6930544	.8015396	1.447948	.5775563	.5611754

#1	.5312921	9.944402	.5265823	6.045451	.5086851	.2523479
#2	.5318405	9.965501	.5182489	6.068586	.5115935	.2544344
#3	.5326520	10.07353	.5217287	5.907700	.5145947	.2517255

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.747598	.5083526	1.031412	9.784778	2.528036	2.550932
Stddev	.062056	.0009243	.005429	.078220	.042059	.001588
%RSD	.6366328	.1818177	.5263752	.7994033	1.663705	.0622356

#1	9.684222	.5089226	1.026430	9.694470	2.562041	2.551368
#2	9.750328	.5072862	1.030609	9.831255	2.541064	2.552257
#3	9.808244	.5088491	1.037199	9.828608	2.481005	2.549173

Sample Name: ICV01 Acquired: 3/25/2020 11:56:36 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.456901	2.498861	2.516106	F .0131911	F .0060541	F .0074923
Stddev	.012236	.014347	.034486	.0026425	.0019409	.0006540
%RSD	.4980176	.5741310	1.370609	20.03262	32.05937	8.728643

#1	2.450464	2.507932	2.482704	.0118700	.0049655	.0077511
#2	2.449227	2.482320	2.514032	.0162336	.0049018	.0079773
#3	2.471012	2.506330	2.551582	.0114696	.0082949	.0067485

Elem	Sr4077
Units	ppm
Avg	F -.000188
Stddev	.000205
%RSD	109.2656

#1	-.000332
#2	.000047
#3	-.000279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1081.660	20661.95	5316.530	806.9942	1748.776
Stddev	3.250	64.46	82.713	9.2084	1.218
%RSD	.3004188	.3119986	1.555767	1.141078	.0696320

#1	1078.694	20593.07	5222.225	801.8750	1748.045
#2	1081.153	20671.95	5350.595	817.6248	1750.181
#3	1085.133	20720.83	5376.771	801.4829	1748.100

Sample Name: LLICV01 Acquired: 3/25/2020 12:01:53 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181548	.0387595	.0117241	.0235428	.0564757	.0962729
Stddev	.0032449	.0020117	.0023153	.0033483	.0020312	.0038799
%RSD	17.87362	5.190180	19.74828	14.22230	3.596624	4.030095

#1	.0153050	.0364781	.0121622	.0250819	.0543037	.0963599
#2	.0216865	.0402789	.0092211	.0197016	.0567950	.0923502
#3	.0174729	.0395215	.0137891	.0258448	.0583282	.1001085

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1058500	.0063560	.0060581	2.053252	.0092271	.0297239
Stddev	.0002490	.0001264	.0000789	.016183	.0006560	.0003321
%RSD	.2352405	1.988865	1.302204	.7881858	7.109157	1.117233

#1	.1056264	.0065016	.0061491	2.036492	.0087923	.0293642
#2	.1058053	.0062738	.0060161	2.068789	.0089075	.0297889
#3	.1061183	.0062927	.0060091	2.054476	.0099817	.0300187

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202166	.0958195	.0212022	2.041276	.0399879	.0105673
Stddev	.0005902	.0035294	.0007512	.040565	.0004097	.0002093
%RSD	2.919552	3.683357	3.543210	1.987260	1.024620	1.980925

#1	.0206373	.0973155	.0208051	1.994533	.0395450	.0107200
#2	.0204706	.0917884	.0207329	2.062027	.0400654	.0106532
#3	.0195419	.0983544	.0220687	2.067268	.0403534	.0103287

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967862	.0379959	.0428193	1.965043	.1115000	.2117895
Stddev	.009853	.0007296	.0004243	.011657	.0015223	.0006950
%RSD	.5006778	1.920254	.9908730	.5932290	1.365315	.3281395

#1	1.958729	.0381069	.0432267	1.964788	.1097829	.2113063
#2	1.978303	.0386636	.0428513	1.953515	.1126843	.2114761
#3	1.966553	.0372171	.0423799	1.976825	.1120327	.2125859

Sample Name: LLICV01 Acquired: 3/25/2020 12:01:53 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0379671	.0391463	.3644417	.0190034	F .0247172	.0175534
Stddev	.0008802	.0006885	.0033321	.0029665	.0089326	.0008037
%RSD	2.318262	1.758871	.9142901	15.61032	36.13925	4.578679

#1	.0369856	.0387793	.3608555	.0199081	.0301218	.0184448
#2	.0386863	.0399406	.3650278	.0214122	.0296231	.0168841
#3	.0382294	.0387190	.3674418	.0156899	.0144067	.0173312

Elem	Sr4077
Units	ppm
Avg	.0206132
Stddev	.0001369
%RSD	.6640978

#1	.0204710
#2	.0206243
#3	.0207441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.562	20723.42	5286.218	806.1346	1795.089
Stddev	2.608	143.56	33.345	5.6025	2.930
%RSD	.2393291	.6927644	.6307847	.6949817	.1632103

#1	1086.613	20557.72	5268.421	800.3024	1792.760
#2	1091.562	20801.92	5265.547	806.6264	1798.379
#3	1090.512	20810.61	5324.685	811.4750	1794.128

Sample Name: ICB01 Acquired: 3/25/2020 12:05:56 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	-.000721	.0003516	.0014622	.0042373	.0030201	-.001887	-.000078
Stddev	.004355	.0033809	.0001757	.0077723	.0006055	.008137	.000519
%RSD	604.2268	961.6903	12.01365	183.4240	20.04970	431.2592	664.6122

#1	-.005691	.0001417	.0012634	.0130493	.0036350	-.011229	-.000664
#2	.002424	-.002919	.0015265	.0013043	.0030009	.001919	.000321
#3	.001105	.003833	.0015966	-.001642	.0024244	.003649	.000109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001597	-.000078	.0087350	-.000194	.0000101	-.000814	-.008536
Stddev	.0000579	.000083	.0042502	.000457	.0002147	.000216	.001450
%RSD	36.26108	106.4204	48.65656	235.3285	2132.008	26.49889	16.98346

#1	.0001520	.000015	.0048310	-.000587	.0001601	-.001063	-.007677
#2	.0001061	-.000106	.0132625	-.000302	.0001060	-.000676	-.007721
#3	.0002211	-.000143	.0081116	.000307	-.000236	-.000704	-.010210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000201	.0072886	.0000813	-.000217	-.007539	-.001829	.0009951
Stddev	.001361	.0223682	.0002545	.000363	.003806	.002662	.0004240
%RSD	678.4402	306.8914	312.9321	167.4763	50.48400	145.5780	42.61357

#1	-.001772	.0301354	-.000126	-.000634	-.003163	-.004373	.0011720
#2	.000609	-.014568	.000365	.000024	-.009378	-.002051	.0013020
#3	.000561	.006299	.000005	-.000040	-.010078	.000938	.0005112

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037884	.0046661	.0002708	-.000454	.0004760	-.005446	.0018333
Stddev	.0259993	.0016767	.0004244	.000658	.0001296	.006673	.0007376
%RSD	686.2809	35.93452	156.6987	144.9185	27.23379	122.5326	40.23182

#1	.0083759	.0028629	.0007300	-.000639	.0004784	-.001715	.0010448
#2	-.024199	.0061783	.0001897	-.000999	.0003452	-.001473	.0019487
#3	.027189	.0049571	-.000107	.000277	.0006045	-.013149	.0025063

Sample Name: ICB01 Acquired: 3/25/2020 12:05:56 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000728	-.000638	.0000525
Stddev	.004385	.000448	.0000455
%RSD	602.0465	70.28134	86.68670

#1	-.005433	-.000136	.0000313
#2	.003246	-.001000	.0001047
#3	.000001	-.000777	.0000215

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.304	20735.68	5273.162	809.7641	1807.634
Stddev	1.084	126.73	38.713	5.2558	3.374
%RSD	.0995994	.6111489	.7341534	.6490503	.1866729

#1	1088.352	20590.19	5242.901	803.7983	1807.499
#2	1089.362	20821.99	5259.798	813.7116	1811.074
#3	1087.196	20794.85	5316.787	811.7822	1804.330

Sample Name: CRI01 Acquired: 3/25/2020 12:09:59 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.0244517	.0423374	.0134047	.0203243	.0540654	.0981583	.1060557
Stddev	.0022796	.0020912	.0026092	.0059654	.0019952	.0094508	.0007688
%RSD	9.322951	4.939451	19.46471	29.35099	3.690422	9.628169	.7248828

#1	.0261617	.0417544	.0108637	.0266853	.0557894	.0931551	.1054480
#2	.0218636	.0446582	.0132732	.0194327	.0518798	.1090589	.1057992
#3	.0253297	.0405995	.0160771	.0148549	.0545269	.0922607	.1069200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063623	.0059335	2.053334	.0092904	.0300336	.0204289	.0953221
Stddev	.0000860	.0001560	.007195	.0006671	.0003478	.0005456	.0033831
%RSD	1.351875	2.629724	.3504098	7.180158	1.157881	2.670578	3.549147

#1	.0063994	.0058017	2.045977	.0098481	.0302622	.0205083	.0921448
#2	.0064236	.0061057	2.053670	.0085515	.0296334	.0198480	.0988790
#3	.0062640	.0058930	2.060356	.0094718	.0302052	.0209304	.0949427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211842	1.979607	.0399594	.0103301	1.989971	.0371677	.0426925
Stddev	.0007573	.041177	.0003718	.0003081	.003332	.0024569	.0008612
%RSD	3.575045	2.080074	.9303856	2.982205	.1674356	6.610237	2.017214

#1	.0210579	1.932186	.0395599	.0099909	1.986863	.0359821	.0436269
#2	.0219967	2.000313	.0402952	.0105925	1.993489	.0399925	.0425198
#3	.0204979	2.006321	.0400233	.0104070	1.989562	.0355284	.0419307

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.952902	.1057275	.2123227	.0375256	.0390378	.3729182	.0226036
Stddev	.022921	.0017021	.0005641	.0008392	.0014368	.0146758	.0026623
%RSD	1.173670	1.609876	.2656609	2.236451	3.680407	3.935401	11.77829

#1	1.939604	.1047488	.2129061	.0370296	.0376130	.3628794	.0238881
#2	1.939733	.1047407	.2122818	.0384946	.0404862	.3897612	.0195426
#3	1.979368	.1076928	.2117802	.0370526	.0390144	.3661140	.0243802

Sample Name: CRI01 Acquired: 3/25/2020 12:09:59 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0190491	.0182687	.0203780
Stddev	.0042053	.0008377	.0001260
%RSD	22.07597	4.585649	.6180958

#1	.0238963	.0190904	.0202417
#2	.0168756	.0174158	.0204021
#3	.0163754	.0182998	.0204902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1088.452	20728.25	5309.830	806.7482	1793.959
Stddev	1.365	83.52	30.359	8.1844	2.067
%RSD	.1253651	.4029502	.5717440	1.014491	.1152296

#1	1088.526	20650.21	5275.295	797.5738	1795.940
#2	1087.053	20718.20	5332.309	809.3713	1794.123
#3	1089.779	20816.35	5321.886	813.2994	1791.815

Sample Name: ICSA01 Acquired: 3/25/2020 12:14:04 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	-.001819	.0013026	-.006755	.0096162	.0036638	259.9197
Stddev	.004274	.0016720	.002272	.0034640	.0048673	.8025
%RSD	234.9960	128.3608	33.64118	36.02239	132.8510	.3087572

#1	.001733	.0007942	-.009367	.0067927	.0060966	260.7505
#2	-.000627	.0031698	-.005231	.0134815	.0068350	259.1488
#3	-.006562	-.000056	-.005667	.0085743	-.001940	259.8599

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063480	.0004649	.0001042	244.1959	.0536998	.0063569
Stddev	.0002891	.0005193	.0001765	.4998	.0015587	.0006584
%RSD	4.553715	111.7093	169.4271	.2046913	2.902516	10.35647

#1	.0062735	-.000086	.0002603	244.1691	.0553994	.0062680
#2	.0061035	.000945	.0001396	243.7100	.0523371	.0057476
#3	.0066670	.000536	-.000087	244.7086	.0533630	.0070553

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019765	99.35470	.0141640	262.1288	.0119497	.0025490
Stddev	.0012205	.52295	.0002979	.4509	.0016726	.0003446
%RSD	61.74803	.5263480	2.103364	.1719959	13.99709	13.51776

#1	.0013386	98.75137	.0145076	262.3116	.0138686	.0021586
#2	.0033838	99.67797	.0140071	261.6152	.0111801	.0028106
#3	.0012072	99.63477	.0139774	262.4595	.0108005	.0026779

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0314607	-.001682	.0054192	.0436154	.0010957	-.010093
Stddev	.0103216	.003825	.0002759	.0341691	.0061007	.000253
%RSD	32.80775	227.3870	5.091513	78.34188	556.7547	2.503991

#1	.0317033	-.005989	.0051025	.0321392	-.005286	-.009839
#2	.0416588	-.000379	.0056076	.0166617	.006870	-.010096
#3	.0210200	.001321	.0055475	.0820453	.001702	-.010345

Sample Name: ICSA01 Acquired: 3/25/2020 12:14:04 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005834	-.000184	.0138460	.0177526	F -.028524	.0088001
Stddev	.0030190	.000700	.0011260	.0048700	.017110	.0011224
%RSD	517.5173	380.9476	8.132101	27.43231	59.98449	12.75479

#1	-.002277	.000375	.0142595	.0151700	-.045556	.0098118
#2	.003739	.000044	.0147067	.0147180	-.028681	.0075927
#3	.000288	-.000970	.0125717	.0233699	-.011337	.0089959

Elem	Sr4077
Units	ppm
Avg	-.005639
Stddev	.000552
%RSD	9.786474

#1	-.005562
#2	-.006226
#3	-.005130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.5274	18898.29	5102.074	741.3029	1488.121
Stddev	5.0409	33.07	37.136	1.6322	2.396
%RSD	.5058417	.1749769	.7278623	.2201816	.1610306

#1	990.9451	18860.24	5061.413	740.9760	1487.741
#2	1000.747	18920.04	5134.199	739.8590	1490.684
#3	997.890	18914.60	5110.609	743.0739	1485.937

Sample Name: ICSAB01 Acquired: 3/25/2020 12:18:05 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.1226833	.1021889	.0576583	.0728962	.6532515	270.3742
Stddev	.0030126	.0062566	.0018720	.0056256	.0066373	1.2465
%RSD	2.455583	6.122585	3.246677	7.717287	1.016039	.4610424

#1	.1245843	.0980644	.0555003	.0789854	.6466903	271.6084
#2	.1192099	.1093880	.0588453	.0678924	.6531019	269.1156
#3	.1242559	.0991145	.0586292	.0718107	.6599623	270.3987

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5800319	.5310158	1.051827	255.0689	.5854150	.5422678
Stddev	.0016786	.0038918	.001054	.6174	.0028722	.0007150
%RSD	.2893897	.7328927	.1001902	.2420671	.4906232	.1318444

#1	.5819182	.5353694	1.052981	255.5928	.5827330	.5430527
#2	.5794745	.5298034	1.050915	254.3882	.5884456	.5420966
#3	.5787030	.5278745	1.051587	255.2257	.5850664	.5416539

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5220933	104.6483	.5417990	273.3335	1.054355	.2299307
Stddev	.0016436	.4328	.0042965	1.6673	.000887	.0012412
%RSD	.3148078	.4135741	.7930083	.6099871	.0840907	.5398050

#1	.5201965	104.1796	.5464281	274.9782	1.053339	.2285107
#2	.5230959	104.7325	.5379389	271.6445	1.054973	.2304723
#3	.5229875	105.0328	.5410301	273.3778	1.054753	.2308089

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166307	.5257781	1.078939	.1317284	1.090895	1.111584
Stddev	.0059434	.0031823	.004078	.0309542	.004811	.007327
%RSD	5.095867	.6052529	.3780009	23.49852	.4410340	.6591610

#1	.1123711	.5275399	1.077571	.0963298	1.095601	1.105389
#2	.1234205	.5221045	1.075722	.1537136	1.091097	1.109692
#3	.1141005	.5276899	1.083526	.1451417	1.085985	1.119672

Sample Name: ICSAB01 Acquired: 3/25/2020 12:18:05 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.132788	1.117063	1.097992	F .0404747	F -.008969	F .0257149
Stddev	.000568	.001839	.014390	.0069936	.007492	.0010014
%RSD	.0501314	.1645992	1.310561	17.27893	83.53198	3.894096

#1	1.133142	1.115042	1.096597	.0464671	-.002823	.0264948
#2	1.133089	1.117509	1.113029	.0327904	-.017314	.0245857
#3	1.132133	1.118638	1.084350	.0421665	-.006769	.0260642

Elem	Sr4077
Units	ppm
Avg	F .5343571
Stddev	.0026296
%RSD	.4921096

#1	.5370183
#2	.5317602
#3	.5342929

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	999.8378	18909.89	5156.708	746.5124	1494.644
Stddev	1.3130	39.40	36.270	3.8806	2.462
%RSD	.1313184	.2083640	.7033630	.5198348	.1647272

#1	1001.250	18903.49	5116.776	744.8118	1493.459
#2	999.610	18874.08	5165.734	750.9530	1492.998
#3	998.654	18952.10	5187.612	743.7724	1497.474

Sample Name: CCV01 Acquired: 3/25/2020 12:21:55 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	5.016964	5.042482	4.997510	4.969172	5.018050	10.00604	10.05644
Stddev	.028388	.012740	.000685	.027719	.025092	.06823	.06987
%RSD	.5658494	.2526469	.0137134	.5578119	.5000340	.6818485	.6947698

#1	4.994008	5.043482	4.998015	4.954818	4.994911	10.05176	9.98463
#2	5.008177	5.029271	4.997785	4.951574	5.014519	9.92762	10.06052
#3	5.048707	5.054691	4.996729	5.001124	5.044721	10.03874	10.12418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2504002	2.506538	25.10269	1.008384	2.506819	1.269777	5.075145
Stddev	.0025320	.005505	.14207	.003343	.007957	.004234	.039401
%RSD	1.011183	.2196436	.5659627	.3315045	.3174271	.3334396	.7763578

#1	.2513013	2.508093	25.13762	1.005916	2.508180	1.266943	5.059857
#2	.2475409	2.500422	24.94641	1.007048	2.498268	1.267743	5.119899
#3	.2523584	2.511098	25.22404	1.012188	2.514007	1.274644	5.045678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.499515	24.75047	2.515767	1.258138	25.09471	2.526902	2.542455
Stddev	.025598	.12238	.005399	.006412	.05294	.009274	.010610
%RSD	1.024131	.4944371	.2146019	.5096608	.2109739	.3669955	.4173040

#1	2.515410	24.62609	2.516886	1.251027	25.05058	2.536278	2.530600
#2	2.469985	24.87074	2.509897	1.259906	25.15341	2.526693	2.545707
#3	2.513148	24.75458	2.520520	1.263480	25.08014	2.517734	2.551058

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.66997	5.042866	5.039054	5.007683	5.019447	5.049443	4.991074
Stddev	.03570	.048876	.016282	.032413	.031294	.056709	.014561
%RSD	.1446908	.9692133	.3231221	.6472632	.6234643	1.123068	.2917476

#1	24.62912	5.070762	5.024809	4.984744	5.034616	4.984334	4.997304
#2	24.68566	4.986430	5.035550	4.993542	4.983459	5.075963	4.974434
#3	24.69514	5.071406	5.056804	5.044764	5.040266	5.088033	5.001484

Sample Name: CCV01 Acquired: 3/25/2020 12:21:55 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.926721	4.940647	5.049538
Stddev	.013018	.026344	.043902
%RSD	.2642342	.5332003	.8694276

#1	4.939643	4.961104	5.025785
#2	4.913609	4.910922	5.022631
#3	4.926912	4.949916	5.100199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.452	20251.92	5275.747	788.2392	1652.630
Stddev	1.908	48.91	40.690	2.6177	1.051
%RSD	.1807876	.2415198	.7712714	.3320966	.0635703

#1	1057.358	20308.36	5247.484	791.2104	1651.472
#2	1055.456	20225.35	5322.384	786.2725	1653.521
#3	1053.542	20222.03	5257.373	787.2345	1652.898

Sample Name: LLCCV01 Acquired: 3/25/2020 12:26:22 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206203	.0430852	.0126161	.0190209	.0544737	.1032341
Stddev	.0005630	.0015944	.0014422	.0047694	.0018155	.0116033
%RSD	2.730477	3.700539	11.43150	25.07482	3.332845	11.23977

#1	.0205319	.0436450	.0141362	.0238845	.0553705	.1008726
#2	.0212224	.0412865	.0124452	.0143515	.0556664	.1158366
#3	.0201068	.0443243	.0112670	.0188267	.0523843	.0929933

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072096	.0063062	.0061157	2.067026	.0105619	.0302476
Stddev	.0008052	.0000827	.0003498	.013235	.0006254	.0001320
%RSD	.7510143	1.311898	5.719840	.6402747	5.921506	.4363404

#1	.1070330	.0062360	.0063734	2.063928	.0102955	.0301608
#2	.1065074	.0063974	.0062562	2.055615	.0112765	.0301825
#3	.1080884	.0062852	.0057175	2.081535	.0101138	.0303995

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209375	.0999786	.0214194	2.000214	.0407660	.0109219
Stddev	.0004908	.0065789	.0008319	.044103	.0004390	.0003517
%RSD	2.344009	6.580271	3.883733	2.204920	1.076889	3.220099

#1	.0206306	.0932638	.0218790	2.019428	.0408485	.0105347
#2	.0206785	.1002593	.0204591	1.949764	.0402916	.0110095
#3	.0215036	.1064126	.0219201	2.031451	.0411579	.0112215

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003015	.0405017	.0418435	1.961934	.1115024	.2133211
Stddev	.023467	.0030644	.0003400	.020155	.0018109	.0005939
%RSD	1.171596	7.566171	.8125465	1.027328	1.624067	.2783891

#1	1.995698	.0434758	.0422117	1.938794	.1123049	.2131359
#2	1.984078	.0373543	.0417773	1.975664	.1127733	.2128419
#3	2.029269	.0406749	.0415414	1.971343	.1094289	.2139855

Sample Name: LLCCV01 Acquired: 3/25/2020 12:26:22 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370767	.0403195	.3717519	.0199287	F .0246356	.0172597
Stddev	.0013231	.0014298	.0073432	.0006625	.0069138	.0004332
%RSD	3.568662	3.546059	1.975303	3.324435	28.06415	2.509692

#1	.0366274	.0403946	.3659410	.0202987	.0286279	.0177191
#2	.0385660	.0388537	.3800051	.0203235	.0286266	.0168586
#3	.0360368	.0417102	.3693095	.0191638	.0166523	.0172015

Elem	Sr4077
Units	ppm
Avg	.0209905
Stddev	.0001173
%RSD	.5589625

#1	.0209115
#2	.0209347
#3	.0211253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.631	20566.71	5257.124	803.6147	1779.647
Stddev	3.697	51.04	43.000	3.6540	4.036
%RSD	.3420701	.2481766	.8179454	.4546957	.2267646

#1	1076.468	20544.72	5222.305	799.6476	1775.180
#2	1083.530	20530.35	5243.876	806.8425	1783.029
#3	1081.894	20625.06	5305.189	804.3540	1780.733

Sample Name: CCB01 Acquired: 3/25/2020 12:34:33 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009537	.0029350	.0017499	-.003522	.0001540	-.005564	.0005904
Stddev	.0034806	.0023201	.0005333	.000654	.0008911	.008788	.0007412
%RSD	364.9620	79.04923	30.47906	18.57318	578.6353	157.9263	125.5448

#1	-.002998	.0055716	.0011351	-.003049	-.000749	-.013589	-.000207
#2	.002294	.0020280	.0020257	-.004268	.000178	-.006931	.000720
#3	.003565	.0012055	.0020887	-.003248	.001033	.003827	.001258

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001196	-.000042	-.002318	-.000501	.0001308	-.000668	-.002936
Stddev	.0000583	.000082	.009344	.000352	.0001283	.000511	.004370
%RSD	48.73382	194.6359	403.0857	70.24319	98.12951	76.55453	148.8100

#1	.0000765	-.000008	.008396	-.000402	-.000017	-.000547	-.004135
#2	.0001859	-.000135	-.008774	-.000210	.000199	-.001228	.001908
#3	.0000965	.000017	-.006576	-.000893	.000211	-.000228	-.006581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000594	.0159115	.0003000	-.000512	-.012649	.0009201	-.000250
Stddev	.000231	.0348669	.0006855	.000064	.008310	.0007306	.000560
%RSD	38.97989	219.1300	228.5369	12.45874	65.69984	79.40791	223.6410

#1	-.000790	.0443485	.0007243	-.000501	-.014818	.0004404	.000161
#2	-.000338	.0263750	-.000491	-.000581	-.003469	.0005589	-.000024
#3	-.000653	-.022989	.000666	-.000455	-.019659	.0017610	-.000888

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316931	.0028387	-.000149	.0009645	-.001109	-.007477	.0005586
Stddev	.0119761	.0010346	.000187	.0005550	.000677	.007506	.0015611
%RSD	37.78761	36.44513	125.1210	57.54592	61.04314	100.3796	279.4853

#1	.0412404	.0037698	-.000355	.0011539	-.001568	-.005605	.0013095
#2	.0182556	.0017250	.000008	.0003395	-.000332	-.015742	-.001236
#3	.0355833	.0030212	-.000100	.0014000	-.001428	-.001085	.001602

Sample Name: CCB01 Acquired: 3/25/2020 12:34:33 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028751	-.002035	.0001166
Stddev	.0036908	.000842	.0000539
%RSD	128.3722	41.35760	46.23443

#1	.0066614	-.002597	.0001768
#2	.0026760	-.002440	.0000728
#3	-.000712	-.001067	.0001002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.975	20677.59	5300.057	805.4905	1803.019
Stddev	3.760	71.32	44.626	1.8996	5.207
%RSD	.3458909	.3449016	.8419949	.2358299	.2888183

#1	1083.993	20599.06	5253.024	806.6812	1799.432
#2	1091.198	20738.32	5305.339	803.2999	1808.992
#3	1085.733	20695.40	5341.807	806.4906	1800.633

Sample Name: LR CHECK 1 Acquired: 3/25/2020 12:38:53 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	-.161437	.1723594	.0048739	-.821030	-.111511	2038.564	.0636566
Stddev	.008988	.0120984	.0065404	.018844	.007606	12.910	.0007645
%RSD	5.567367	7.019256	134.1927	2.295143	6.820484	.6332741	1.200915

#1	-.169716	.1606361	-.001640	-.815588	-.120261	2023.902	.0629811
#2	-.162717	.1848008	.011440	-.805506	-.106491	2043.562	.0644865
#3	-.151878	.1716413	.004822	-.841996	-.107780	2048.227	.0635021

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.134116	.0018177	1710.582	.1197610	.0633367	-.001361	917.5601
Stddev	.000526	.0001238	5.627	.0013692	.0017275	.001701	2.0289
%RSD	.3922766	6.808017	.3289314	1.143287	2.727481	125.0037	.2211210

#1	-.133832	.0019500	1704.231	.1212148	.0651443	-.003172	918.9077
#2	-.134723	.0017047	1712.569	.1195720	.0617024	-.001114	918.5459
#3	-.133792	.0017984	1714.945	.1184960	.0631636	.000203	915.2266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252667	1794.082	.2021153	.0313349	1732.215	-.053187	.2834850
Stddev	.0003195	5.736	.0009597	.0001215	5.925	.004372	.0005386
%RSD	1.264552	.3197183	.4748480	.3876406	.3420256	8.220735	.1899797

#1	.0249101	1788.554	.2010275	.0313924	1739.001	-.055483	.2840528
#2	.0255269	1800.006	.2028425	.0314169	1729.571	-.055932	.2834209
#3	.0253633	1793.688	.2024759	.0311953	1728.073	-.048145	.2829814

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	950.7817	-.018129	.0035457	.0070906	-.014178	.1497893	.1958192
Stddev	3.8996	.010850	.0013457	.0039019	.000801	.0044955	.0050974
%RSD	.4101483	59.84744	37.95220	55.02928	5.646536	3.001225	2.603097

#1	955.2383	-.029658	.0019960	.0039200	-.013982	.1517415	.1901348
#2	947.9955	-.008118	.0044181	.0059037	-.015059	.1529786	.1973392
#3	949.1113	-.016612	.0042232	.0114481	-.013494	.1446476	.1999837

Sample Name: LR CHECK 1 Acquired: 3/25/2020 12:38:53 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.299964	.0836964	-.960353
Stddev	.022782	.0014298	.002127
%RSD	7.594817	1.708369	.2215279

#1	-.282179	.0848287	-.961570
#2	-.292069	.0820896	-.961592
#3	-.325643	.0841709	-.957896

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	851.3186	15999.75	4860.160	627.3520	1197.382
Stddev	3.0632	39.99	7.530	2.2848	4.919
%RSD	.3598155	.2499268	.1549306	.3642053	.4108396

#1	854.2392	15953.68	4864.933	629.9819	1199.030
#2	851.5864	16020.17	4851.480	625.8541	1201.265
#3	848.1304	16025.41	4864.068	626.2201	1191.850

Sample Name: LR CHECK 2 Acquired: 3/25/2020 12:43:23 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.0023657	-.051077	267.6235	.0411388	-.016071	-.981328	95.53357
Stddev	.0035644	.002487	1.4623	.0048051	.002624	.002218	.79188
%RSD	150.6658	4.868360	.5464205	11.68012	16.32795	.2260653	.8288985

#1	.0015713	-.051172	266.6353	.0360705	-.013199	-.978912	96.31726
#2	.0062603	-.053514	266.9317	.0456282	-.016669	-.981800	95.54971
#3	-.000734	-.048544	269.3034	.0417178	-.018344	-.983272	94.73375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001410	-.005675	.5714904	-.112329	-.016763	237.7310	-.371614
Stddev	.000129	.000182	.0216100	.001076	.000354	2.3088	.009211
%RSD	9.115420	3.203842	3.781341	.9574615	2.113903	.9711998	2.478701

#1	-.001402	-.005635	.5912174	-.111765	-.016807	235.2972	-.379271
#2	-.001285	-.005874	.5748605	-.111653	-.017093	238.0053	-.374179
#3	-.001542	-.005517	.5483934	-.113569	-.016389	239.8904	-.361392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.89909	.0857568	51.05822	.0059911	.6079434	-.136512	35.58929
Stddev	.41211	.0198455	.27858	.0005861	.0119848	.005823	.08403
%RSD	.8603614	23.14154	.5456120	9.783430	1.971374	4.265635	.2361222

#1	48.31967	.0632922	50.87438	.0055597	.6099120	-.137397	35.65930
#2	47.88157	.1009067	50.92154	.0057550	.6188220	-.141842	35.49610
#3	47.49602	.0930716	51.37874	.0066584	.5950961	-.130297	35.61247

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4006053	-.002818	-.002454	-.000528	.0072049	.0183535	-1.16020
Stddev	.0144832	.001263	.000668	.001635	.0014062	.0147814	.02880
%RSD	3.615316	44.83395	27.21534	309.4327	19.51760	80.53720	2.482279

#1	.3857927	-.003808	-.003221	-.002413	.0055825	.0310512	-1.14255
#2	.4012883	-.003250	-.002006	.000514	.0080726	.0218821	-1.14461
#3	.4147349	-.001395	-.002133	.000314	.0079598	.0021271	-1.19343

Sample Name: LR CHECK 2 Acquired: 3/25/2020 12:43:23 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.012824	.0016790	.0018832
Stddev	.002881	.0012947	.0001086
%RSD	22.46866	77.10907	5.767352

#1	-.016049	.0031625	.0019935
#2	-.010502	.0010972	.0018796
#3	-.011922	.0007773	.0017764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	777.4076	20672.06	5348.155	699.9311	1713.298
Stddev	4.1498	37.50	67.518	1.4471	7.355
%RSD	.5338002	.1813888	1.262454	.2067552	.4292799

#1	781.4585	20714.07	5281.300	699.0238	1712.266
#2	777.5986	20641.97	5346.848	701.6000	1721.114
#3	773.1655	20660.15	5416.317	699.1695	1706.513

Sample Name: L2021-04DLX10 Acquired: 3/25/2020 12:47:32 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: MW-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532470	.0233093	1.268861	-.080112	.0230629	33.43627
Stddev	.0035215	.0039118	.001749	.003011	.0048173	.31362
%RSD	6.613482	16.78226	.1378391	3.758586	20.88782	.9379640

#1	.0498430	.0270620	1.267044	-.077156	.0284199	33.12900
#2	.0568753	.0236103	1.270533	-.083176	.0216819	33.42394
#3	.0530228	.0192557	1.269006	-.080004	.0190869	33.75588

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.419161	-.013734	.0140074	98.23880	.2915764	.0400090
Stddev	.019706	.000354	.0003301	1.29603	.0015102	.0007497
%RSD	.8145732	2.577587	2.356541	1.319263	.5179262	1.873732

#1	2.399079	-.013395	.0143038	97.05149	.2901663	.0398178
#2	2.419935	-.013705	.0136517	98.04352	.2913931	.0393734
#3	2.438468	-.014101	.0140668	99.62138	.2931699	.0408357

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118194	99.23280	.6637893	15.74245	.1020677	.0097748
Stddev	.0002886	.43999	.0091282	.14228	.0002003	.0009548
%RSD	.0563844	.4433867	1.375161	.9038199	.1962385	9.767784

#1	.5115078	98.78555	.6569385	15.64148	.1022603	.0101863
#2	.5120775	99.66514	.6602776	15.68070	.1020822	.0086833
#3	.5118729	99.24770	.6741518	15.90518	.1018605	.0104549

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.734132	.1533841	3.102380	7.296647	.1317018	.0045566
Stddev	.014751	.0028507	.014535	.046609	.0013865	.0003716
%RSD	.5395037	1.858565	.4684994	.6387767	1.052772	8.155835

#1	2.730532	.1507037	3.088816	7.283084	.1328197	.0041576
#2	2.750350	.1530694	3.117722	7.348534	.1301503	.0048928
#3	2.721514	.1563791	3.100602	7.258324	.1321354	.0046194

Sample Name: L2021-04DLX10 Acquired: 3/25/2020 12:47:32 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: MW-B Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934014	.5021833	F 12.03929	1.788445	14.95960	.0615257
Stddev	.0047320	.0045736	.08476	.002453	.03963	.0004988
%RSD	5.066303	.9107435	.7040468	.1371750	.2649034	.8107893

#1	.0882228	.4969242	11.94221	1.788007	14.92094	.0620740
#2	.0975001	.5052295	12.09863	1.786240	14.95774	.0614046
#3	.0944814	.5043964	12.07702	1.791088	15.00013	.0610986

Elem	Sr4077
Units	ppm
Avg	.5209221
Stddev	.0061169
%RSD	1.174248

#1	.5148852
#2	.5207650
#3	.5271160

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.768	20460.20	5410.755	799.6151	1634.364
Stddev	2.403	54.80	36.069	5.8578	2.000
%RSD	.2223306	.2678266	.6666151	.7325730	.1223910

#1	1080.875	20399.25	5420.255	797.6455	1634.355
#2	1078.314	20475.95	5441.124	794.9960	1632.369
#3	1083.116	20505.40	5370.887	806.2039	1636.369

Sample Name: L2018-04DLX10 Acquired: 3/25/2020 12:51:28 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.007571	-0.008030	1.973632	-0.129099	.0205248	41.60608
Stddev	.003777	.002586	.002564	.004901	.0033056	.15116
%RSD	49.89121	32.19937	.1298915	3.796565	16.10555	.3633181

#1	-0.011931	-0.005633	1.976587	-.134287	.0174890	41.77314
#2	-.005287	-.007688	1.972001	-.124546	.0200389	41.47875
#3	-.005495	-.010770	1.972309	-.128463	.0240465	41.56636

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9395761	-.020650	.0019593	41.19444	.2527556	.0652811
Stddev	.0015673	.000229	.0002750	.08105	.0029830	.0006528
%RSD	.1668045	1.108288	14.03355	.1967550	1.180199	.9999944

#1	.9411571	-.020905	.0018884	41.10424	.2560161	.0660328
#2	.9395482	-.020463	.0022628	41.21791	.2501635	.0649531
#3	.9380230	-.020582	.0017268	41.26116	.2520873	.0648573

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.365231	130.9211	1.457037	20.73121	.8564685	.0132021
Stddev	.008253	.9517	.003667	.07832	.0007563	.0002990
%RSD	.2452451	.7268890	.2517008	.3777855	.0882992	2.264575

#1	3.359107	130.1050	1.461122	20.75277	.8569109	.0128646
#2	3.374616	130.6920	1.454029	20.64437	.8555953	.0133076
#3	3.361970	131.9665	1.455960	20.79649	.8568994	.0134339

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	56.22390	.1118443	2.826642	14.10576	.1724677	.0140375
Stddev	.32047	.0020863	.004971	.05110	.0020063	.0001972
%RSD	.5699870	1.865390	.1758473	.3622843	1.163298	1.404692

#1	56.03524	.1132048	2.822269	14.07431	.1702863	.0139326
#2	56.04254	.1094423	2.832048	14.07825	.1728829	.0139150
#3	56.59392	.1128858	2.825609	14.16473	.1742340	.0142650

Sample Name: L2018-04DLX10 Acquired: 3/25/2020 12:51:28 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: MW-2 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1876532	3.177027	F 12.68611	2.460918	5.000377	.0993414
Stddev	.0014543	.002434	.09203	.004894	.001900	.0014614
%RSD	.7749731	.0766215	.7254498	.1988541	.0379962	1.471118

#1	.1881247	3.175651	12.60564	2.458559	5.002548	.1004689
#2	.1888132	3.179837	12.66624	2.466545	4.999568	.0998650
#3	.1860217	3.175592	12.78645	2.457652	4.999016	.0976903

Elem	Sr4077
Units	ppm
Avg	.0778468
Stddev	.0014243
%RSD	1.829655

#1	.0793363
#2	.0777063
#3	.0764980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.867	20264.81	5333.919	791.8079	1626.198
Stddev	.788	65.10	49.879	2.7550	1.804
%RSD	.0739755	.3212248	.9351229	.3479377	.1109347

#1	1064.961	20195.30	5279.491	794.1733	1624.153
#2	1066.244	20324.34	5344.822	788.7830	1627.564
#3	1066.397	20274.78	5377.445	792.4673	1626.877

Sample Name: PB127779BS Acquired: 3/25/2020 12:55:22 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7400185	2.011695	.9617384	1.909987	.7731260	2.019028
Stddev	.0046504	.011485	.0018303	.005662	.0040134	.020163
%RSD	.6284197	.5709197	.1903088	.2964646	.5191077	.9986533

#1	.7437115	2.024953	.9606886	1.913617	.7712387	2.031482
#2	.7415481	2.004778	.9638518	1.903463	.7704042	2.029837
#3	.7347960	2.005355	.9606747	1.912882	.7777351	1.995765

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2090070	.2020236	.1928387	1.053498	.4126824	.1961697
Stddev	.0004564	.0015517	.0003111	.012992	.0013295	.0011550
%RSD	.2183406	.7680991	.1613295	1.233251	.3221509	.5887617

#1	.2086562	.2037398	.1924814	1.045273	.4138564	.1966680
#2	.2095229	.2007196	.1930491	1.046746	.4112388	.1969919
#3	.2088420	.2016113	.1929857	1.068477	.4129522	.1948492

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3117155	3.011402	.2043782	1.913216	.4909098	.0746830
Stddev	.0006085	.012467	.0011546	.045673	.0012023	.0006003
%RSD	.1951991	.4140002	.5649496	2.387240	.2449027	.8037413

#1	.3124176	2.997237	.2040983	1.905786	.4920999	.0739955
#2	.3113878	3.016264	.2056471	1.871713	.4896958	.0751035
#3	.3113411	3.020707	.2033893	1.962149	.4909337	.0749499

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.971365	.2985780	.2081205	9.373814	.3006839	.3939885
Stddev	.001022	.0023852	.0017964	.013458	.0017676	.0024355
%RSD	.0344034	.7988680	.8631636	.1435711	.5878600	.6181780

#1	2.972332	.3003743	.2062325	9.359269	.3018359	.3962263
#2	2.970295	.2958717	.2098085	9.376349	.3015670	.3913944
#3	2.971467	.2994880	.2083206	9.385825	.2986488	.3943449

Sample Name: PB127779BS Acquired: 3/25/2020 12:55:22 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6645196	.1959457	.8711125	5.539495	F .0000389	.1878141
Stddev	.0010203	.0021436	.0024411	.017079	.0086143	.0016214
%RSD	.1535363	1.093970	.2802308	.3083211	22154.77	.8633148

#1	.6654629	.1962443	.8691719	5.545222	.0084954	.1896856
#2	.6634367	.1979243	.8738533	5.520288	.0003462	.1868311
#3	.6646591	.1936684	.8703124	5.552975	-.008725	.1869257

Elem	Sr4077
Units	ppm
Avg	.1970021
Stddev	.0003950
%RSD	.2005108

#1	.1967018
#2	.1968550
#3	.1974496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1067.938	20285.78	5121.237	790.9425	1745.531
Stddev	2.878	47.30	30.742	3.3220	1.902
%RSD	.2694720	.2331486	.6002890	.4200045	.1089478

#1	1064.850	20233.86	5085.791	792.1366	1743.552
#2	1068.416	20326.42	5137.298	787.1886	1745.694
#3	1070.546	20297.05	5140.622	793.5024	1747.345

Sample Name: PB127790BS Acquired: 3/25/2020 12:59:19 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7458098	2.001270	.9541062	1.898338	.7681852	2.002722
Stddev	.0068260	.005398	.0054559	.009573	.0019700	.010405
%RSD	.9152424	.2697290	.5718354	.5042830	.2564507	.5195311

#1	.7469218	1.998165	.9489884	1.909144	.7699961	1.990886
#2	.7384961	1.998143	.9534834	1.894953	.7660875	2.010424
#3	.7520115	2.007503	.9598468	1.890918	.7684720	2.006857

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063241	.1994536	.1917856	1.031926	.4099522	.1947923
Stddev	.0007259	.0005715	.0003634	.003529	.0009043	.0004449
%RSD	.3518044	.2865436	.1894753	.3420283	.2205855	.2283831

#1	.2055287	.1993832	.1916513	1.033250	.4109377	.1943197
#2	.2069506	.2000571	.1915085	1.034603	.4097585	.1948541
#3	.2064931	.1989206	.1921971	1.027927	.4091605	.1952029

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3072503	3.003558	.2018631	1.915571	.4880829	.0741834
Stddev	.0006311	.020036	.0018666	.034569	.0005693	.0008262
%RSD	.2053952	.6670871	.9246926	1.804618	.1166356	1.113674

#1	.3079460	2.980793	.1998119	1.880483	.4874827	.0732519
#2	.3070899	3.018513	.2023155	1.949596	.4886151	.0744707
#3	.3067148	3.011369	.2034620	1.916633	.4881508	.0748276

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.946838	.2991361	.2053270	9.375941	.3003755	.3919404
Stddev	.018588	.0032835	.0011917	.045091	.0007204	.0007831
%RSD	.6307641	1.097670	.5804034	.4809188	.2398335	.1997993

#1	2.929340	.3021752	.2063144	9.328180	.2995500	.3911926
#2	2.944822	.2956533	.2040033	9.417775	.3008772	.3918742
#3	2.966351	.2995798	.2056635	9.381869	.3006992	.3927545

Sample Name: PB127790BS Acquired: 3/25/2020 12:59:19 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6608877	.1925467	.8557180	5.521265	F -.016463	.1842718
Stddev	.0010918	.0015846	.0140566	.021009	.002802	.0026689
%RSD	.1652023	.8229867	1.642664	.3805130	17.01786	1.448379
#1	.6617264	.1916010	.8706213	5.541642	-.013337	.1835745
#2	.6596532	.1943762	.8538348	5.499677	-.018747	.1872202
#3	.6612835	.1916630	.8426980	5.522476	-.017305	.1820207

Elem	Sr4077
Units	ppm
Avg	.1963011
Stddev	.0005113
%RSD	.2604568
#1	.1959941
#2	.1968913
#3	.1960180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.744	20283.77	5148.708	792.8906	1751.931
Stddev	3.666	85.10	31.917	2.7398	4.234
%RSD	.3413954	.4195502	.6199124	.3455512	.2416781
#1	1070.139	20219.14	5128.698	789.8698	1747.077
#2	1073.625	20251.98	5131.910	795.2152	1753.850
#3	1077.468	20380.19	5185.517	793.5868	1754.865

Sample Name: PB127779BL Acquired: 3/25/2020 13:03:16 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.0005362	.0012521	.0025560	.0024468	.0000310	.0011655	-.000092
Stddev	.0053533	.0006178	.0012847	.0033469	.0012415	.0040144	.000191
%RSD	998.3515	49.34304	50.26297	136.7888	3999.921	344.4393	206.8251

#1	.0061077	.0007705	.0010785	.0046015	-.001402	.0050857	.000077
#2	-.004568	.0019487	.0031799	.0041478	.000709	.0013476	-.000054
#3	.000069	.0010371	.0034096	-.001409	.000786	-.002937	-.000299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001898	.0000685	-.006669	-.000524	.0000514	-.000332	-.008577
Stddev	.0000466	.0002263	.016498	.000577	.0004374	.000190	.001866
%RSD	24.56391	330.2964	247.3873	110.0558	850.7940	57.22871	21.75401

#1	.0002387	.0000263	-.020340	-.000485	.0000432	-.000552	-.006432
#2	.0001849	-.000134	-.011324	.000032	.0004928	-.000221	-.009827
#3	.0001458	.000313	.011657	-.001120	-.000382	-.000223	-.009473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000721	.0137144	-.000305	-.000136	.0275645	-.002471	-.000061
Stddev	.000264	.0150997	.000392	.000072	.0038385	.000486	.000634
%RSD	36.67563	110.1016	128.3025	53.21708	13.92553	19.65442	1043.541

#1	-.000585	.0001592	-.000459	-.000200	.0257081	-.002234	.000484
#2	-.001025	.0299890	-.000597	-.000151	.0250070	-.002150	-.000757
#3	-.000552	.0109948	.000140	-.000057	.0319782	-.003030	.000090

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087086	.0001189	.0003501	-.000233	-.000577	.0091524	.0016129
Stddev	.0213901	.0007156	.0000505	.000716	.000719	.0015331	.0023542
%RSD	245.6207	601.9402	14.43633	307.1784	124.6040	16.75039	145.9569

#1	.0334067	.0002907	.0003179	.000561	.000151	.0079274	-.001068
#2	-.003837	-.000667	.0004084	-.000829	-.001287	.0086581	.002565
#3	-.003444	.000733	.0003241	-.000431	-.000595	.0108716	.003342

Sample Name: PB127779BL Acquired: 3/25/2020 13:03:16 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001087	.0003452	-.000012
Stddev	.008464	.0014333	.000073
%RSD	778.8461	415.2476	606.2770

#1	.007469	-.001275	-.000058
#2	-.009456	.000862	-.000051
#3	-.001274	.001448	.000072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.919	20286.54	5166.633	789.8756	1777.764
Stddev	3.551	48.29	27.094	2.2700	6.957
%RSD	.3312880	.2380294	.5244116	.2873890	.3913609

#1	1068.143	20247.04	5135.473	787.6483	1771.441
#2	1072.422	20272.20	5179.789	789.7923	1776.632
#3	1075.192	20340.37	5184.638	792.1861	1785.218

Sample Name: PB127779TB Acquired: 3/25/2020 13:07:19 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009257	-.004030	.0030757	.0009587	.0011556	.0107107
Stddev	.0017698	.001241	.0018214	.0026261	.0002766	.0084211
%RSD	191.1831	30.79475	59.22021	273.9337	23.93874	78.62292

#1	-.000250	-.002967	.0045133	.0035939	.0013826	.0091211
#2	.000066	-.003728	.0010274	.0009405	.0008475	.0198134
#3	.002961	-.005393	.0036864	-.001658	.0012367	.0031978

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007356	.0001418	.0001303	.0742445	-.000050	.0005523
Stddev	.0000301	.0001032	.0001413	.0061759	.000425	.0000892
%RSD	4.094603	72.77465	108.4117	8.318341	856.4335	16.15831

#1	.0007642	.0002536	.0000067	.0679706	.000425	.0005935
#2	.0007385	.0001215	.0002843	.0744454	-.000179	.0004499
#3	.0007041	.0000502	.0001000	.0803175	-.000395	.0006135

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000161	F .1255474	.0002144	.0937142	.0011018	.0002043
Stddev	.000769	.0016485	.0003436	.0160689	.0000762	.0004221
%RSD	477.2324	1.313064	160.2398	17.14672	6.915608	206.6256

#1	.000569	.1237117	.0002201	.0978175	.0011894	.0004259
#2	-.000089	.1260292	-.000132	.0759915	.0010657	-.000282
#3	-.000963	.1269013	.000555	.1073337	.0010504	.000470

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 327.7964	-.002384	.0088462	.0740142	-.000299	-.000101
Stddev	1.2604	.004045	.0004796	.0363048	.000173	.000435
%RSD	.3845024	169.6390	5.421195	49.05114	57.96684	431.9998

#1	328.6704	-.006768	.0085356	.0899913	-.000160	-.000591
#2	328.3672	.001203	.0093985	.0324610	-.000244	.000049
#3	326.3516	-.001587	.0086044	.0995903	-.000493	.000240

Sample Name: PB127779TB Acquired: 3/25/2020 13:07:19 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000935	-.000986	-.000340	.0008540	.0023459	.0011246
Stddev	.001728	.001015	.017829	.0023998	.0068675	.0001094
%RSD	184.7400	102.9452	5237.800	280.9976	292.7457	9.728326

#1	-.000174	-.000700	.020091	-.001702	.0079944	.0010786
#2	.000281	-.000145	-.008366	.003058	-.005298	.0012495
#3	-.002913	-.002114	-.012746	.001207	.004342	.0010457

Elem	Sr4077
Units	ppm
Avg	-.000057
Stddev	.000031
%RSD	54.16910

#1	-.000092
#2	-.000035
#3	-.000044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1030.203	19143.99	5194.886	763.5413	1542.732
Stddev	3.645	108.52	43.977	2.4554	7.286
%RSD	.3538093	.5668701	.8465496	.3215755	.4722798

#1	1026.062	19023.33	5171.766	760.7679	1535.059
#2	1032.923	19175.06	5167.291	764.4185	1549.557
#3	1031.624	19233.60	5245.601	765.4376	1543.581

Sample Name: PB127790BL Acquired: 3/25/2020 13:11:32 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	-.004336	.0022544	.0024522	.0036277	-.000008	-.004071	.0003914
Stddev	.003690	.0005422	.0016256	.0022623	.001878	.008251	.0003043
%RSD	85.09834	24.05089	66.29193	62.36197	23567.51	202.6722	77.74450

#1	-.003594	.0016525	.0040453	.0023568	.000235	.005451	.0002112
#2	-.001073	.0024063	.0025154	.0062397	-.001996	-.008555	.0007427
#3	-.008340	.0027045	.0007959	.0022866	.001737	-.009109	.0002202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000421	.0000148	.0074890	-.000143	.0000473	-.000210	-.008029
Stddev	.0000408	.0001848	.0092546	.000099	.0003784	.000536	.001652
%RSD	96.80862	1250.952	123.5773	69.17420	799.1236	255.7677	20.57623

#1	.0000456	-.000092	.0059495	-.000053	-.000226	.000353	-.008737
#2	-.000000	.000228	.0174168	-.000127	-.000111	-.000715	-.009209
#3	.000081	-.000092	-.000899	-.000249	.000479	-.000267	-.006141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000495	.0115668	.0003165	-.000176	.0441269	-.003183	-.000214
Stddev	.000439	.0415987	.0003581	.000412	.0124946	.002358	.000742
%RSD	88.66523	359.6399	113.1560	234.4085	28.31522	74.08369	346.4353

#1	-.000990	-.035434	.0004880	-.000568	.0305386	-.000642	.000641
#2	-.000150	.043647	-.000095	-.000211	.0467217	-.003607	-.000606
#3	-.000346	.026487	.000557	.000253	.0551204	-.005301	-.000678

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471555	-.000724	.0001680	.0003054	-.000320	-.002953	.0027558
Stddev	.0190522	.000930	.0005361	.0010098	.000684	.003763	.0022407
%RSD	40.40296	128.4148	319.0347	330.6257	213.5075	127.4462	81.30837

#1	.0679012	-.000883	.0006150	.0005300	-.000018	-.005717	.0047487
#2	.0304424	-.001564	-.000426	-.000798	-.001103	.001333	.0003304
#3	.0431228	.000275	.000315	.001184	.000160	-.004474	.0031881

Sample Name: PB127790BL Acquired: 3/25/2020 13:11:32 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0052730	-.000605	.0000107
Stddev	.0018336	.000442	.0000566
%RSD	34.77229	73.08701	530.5169

#1	.0033902	-.000822	-.000055
#2	.0070530	-.000096	.000044
#3	.0053760	-.000897	.000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.660	20336.50	5215.374	796.1171	1779.467
Stddev	1.611	30.29	46.452	5.0177	4.432
%RSD	.1500247	.1489360	.8906805	.6302739	.2490504

#1	1074.329	20313.08	5163.617	790.8468	1776.102
#2	1071.822	20370.70	5253.449	800.8368	1784.488
#3	1074.828	20325.71	5229.054	796.6677	1777.812

Sample Name: PB127790TB Acquired: 3/25/2020 13:15:36 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001907	-.006296	.0033290	-.000101	-.001141	.0086641
Stddev	.003077	.005366	.0013407	.006534	.000875	.0063673
%RSD	161.3158	85.21754	40.27296	6501.351	76.64265	73.49079

#1	-.000373	-.007626	.0046280	.004488	-.001925	.0159037
#2	.000101	-.010872	.0034087	-.007581	-.000198	.0061551
#3	-.005450	-.000391	.0019502	.002792	-.001301	.0039335

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000247	.0001214	.0003203	.0819407	.0000821	.0006955
Stddev	.0002725	.0001769	.0001506	.0095313	.0012801	.0003474
%RSD	1101.614	145.7174	47.02477	11.63196	1559.889	49.95110

#1	-.000016	.0003135	.0001488	.0923397	-.000361	.0010597
#2	.000315	-.000035	.0003812	.0798624	-.000918	.0006590
#3	-.000225	.000086	.0004310	.0736201	.001525	.0003678

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000276	F .1309729	.0002799	.1084034	.0010218	.0007445
Stddev	.000215	.0066413	.0001346	.0115593	.0005179	.0008630
%RSD	78.13866	5.070725	48.07990	10.66324	50.69173	115.9179

#1	-.000508	.1358525	.0004351	.0971847	.0005536	-.000056
#2	-.000237	.1234098	.0002083	.1077499	.0009336	.001659
#3	-.000082	.1336564	.0001962	.1202755	.0015781	.000631

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 336.3209	-.001796	.0087317	.1376246	-.000234	-.000676
Stddev	3.4523	.003296	.0004119	.0203344	.000736	.000374
%RSD	1.026478	183.5214	4.717291	14.77522	314.8289	55.27712

#1	333.6700	.001996	.0087091	.1235886	-.001022	-.000847
#2	340.2247	-.003968	.0083315	.1283415	.000436	-.000934
#3	335.0681	-.003416	.0091544	.1609438	-.000116	-.000247

Sample Name: PB127790TB Acquired: 3/25/2020 13:15:36 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007575	-.000498	.0082163	.0016965	.0030821	.0003775
Stddev	.0002941	.000701	.0096160	.0029060	.0096274	.0012725
%RSD	38.82117	140.6434	117.0352	171.2936	312.3669	337.0839

#1	.0004236	-.001240	.0192231	.0050266	.0067275	-.001035
#2	.0009777	-.000408	.0039805	-.000325	-.007836	.000734
#3	.0008713	.000153	.0014455	.000388	.010355	.001434

Elem	Sr4077
Units	ppm
Avg	-.000168
Stddev	.000049
%RSD	29.43578

#1	-.000219
#2	-.000121
#3	-.000163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.532	19056.98	5237.327	762.8088	1530.824
Stddev	1.401	57.02	11.875	.9915	2.400
%RSD	.1370462	.2992186	.2267467	.1299804	.1567494

#1	1021.999	19027.30	5237.028	763.9318	1533.552
#2	1021.476	19020.92	5249.350	762.0545	1529.882
#3	1024.122	19122.72	5225.605	762.4401	1529.038

Sample Name: CCV02 Acquired: 3/25/2020 13:19:50 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	5.066164	5.155929	5.098765	5.035542	5.086659	10.06337	10.14610
Stddev	.005427	.006404	.009512	.013403	.018868	.09862	.10385
%RSD	.1071145	.1242122	.1865456	.2661619	.3709214	.9800128	1.023581

#1	5.063060	5.155493	5.087882	5.040989	5.083609	9.98537	10.07723
#2	5.063002	5.162540	5.102926	5.020273	5.069503	10.17423	10.26555
#3	5.072430	5.149753	5.105487	5.045363	5.106866	10.03052	10.09551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2529586	2.563852	25.39590	1.045407	2.565288	1.289872	5.244276
Stddev	.0014332	.000655	.26414	.002349	.003344	.003981	.027606
%RSD	.5665714	.0255661	1.040091	.2247359	.1303408	.3086670	.5264121

#1	.2525035	2.563442	25.15894	1.043962	2.563944	1.291824	5.244063
#2	.2545641	2.563506	25.68069	1.044140	2.562825	1.285292	5.271989
#3	.2518082	2.564608	25.34807	1.048118	2.569094	1.292501	5.216777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.525803	24.69308	2.557729	1.297766	25.69716	2.559436	2.607223
Stddev	.022828	.31253	.003180	.005649	.06635	.026176	.020380
%RSD	.9037947	1.265665	.1243340	.4353123	.2582047	1.022740	.7816705

#1	2.531304	24.59713	2.558643	1.294847	25.62603	2.554338	2.605751
#2	2.545378	25.04233	2.560351	1.294173	25.70809	2.587786	2.628300
#3	2.500727	24.43977	2.554191	1.304278	25.75738	2.536183	2.587620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.12085	5.102450	5.121719	5.110623	5.057496	5.194721	5.153459
Stddev	.05972	.021263	.006968	.010419	.045664	.060107	.018801
%RSD	.2377112	.4167119	.1360538	.2038647	.9029027	1.157079	.3648207

#1	25.14322	5.093793	5.126519	5.099739	5.020202	5.125372	5.167355
#2	25.16615	5.126675	5.113727	5.111627	5.108425	5.226972	5.132067
#3	25.05318	5.086880	5.124912	5.120504	5.043863	5.231820	5.160957

Sample Name: CCV02 Acquired: 3/25/2020 13:19:50 Type: Unk
 Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.034411	4.929921	5.117819
Stddev	.010189	.045750	.050319
%RSD	.2023964	.9279983	.9832201

#1	5.031170	4.895099	5.077449
#2	5.045827	4.981736	5.174194
#3	5.026236	4.912929	5.101813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.310	19719.53	5211.771	775.6526	1628.237
Stddev	2.212	31.55	41.975	7.4244	.758
%RSD	.2122440	.1600105	.8053952	.9571770	.0465247

#1	1041.342	19720.82	5223.501	776.4302	1628.905
#2	1044.842	19687.36	5165.178	767.8701	1628.393
#3	1040.747	19750.42	5246.632	782.6576	1627.414

Sample Name: CCB02 Acquired: 3/25/2020 13:23:50 Type: Unk
Method: NON EPA-6010-200.7(v322) 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	.0024822	.0008934	.0003498	-.000489	.0018727	-.004431	.0009617
Stddev	.0026702	.0006792	.0024837	.007119	.0025526	.006877	.0003642
%RSD	107.5730	76.01903	710.0618	1455.982	136.3046	155.2182	37.86977

#1	-.000434	.0003212	.0011881	-.008518	.0033602	-.004362	.0012366
#2	.004808	.0007150	-.002445	.005053	-.001075	.002412	.0010997
#3	.003073	.0016439	.002306	.001998	.003333	-.011342	.0005486

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002296	.0001236	.0058503	.0003211	.0001765	-.000430	-.001695
Stddev	.0000962	.0001336	.0059514	.0002466	.0003473	.000691	.013830
%RSD	41.88425	108.0774	101.7276	76.80241	196.7470	160.4822	815.8313

#1	.0002667	.0002645	.0057234	.0004135	.0005144	-.000965	-.017348
#2	.0003016	.0001074	.0118642	.0000416	.0001948	.000350	.008873
#3	.0001204	-.000001	-.000037	.0005081	-.000180	-.000677	.003390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	.0192815	.0000559	-.000024	.0352087	-.005192	.0000719
Stddev	.000287	.0310094	.0001391	.000860	.0049045	.003346	.0006480
%RSD	401.7173	160.8249	248.8038	3581.247	13.92969	64.43854	901.0469

#1	.000070	.0277150	.0000801	.000623	.0388042	-.001422	-.000675
#2	.000118	.0452018	-.000094	-.001000	.0372003	-.007807	.000487
#3	-.000402	-.015072	.000181	.000305	.0296218	-.006347	.000403

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539437	.0067729	.0002561	-.000179	.0000784	.0024789	.0005821
Stddev	.0156934	.0009829	.0005270	.000969	.0003613	.0036802	.0018584
%RSD	29.09223	14.51187	205.7537	540.1794	460.7948	148.4592	319.2355

#1	.0720600	.0074641	.0007114	-.001294	.0000085	.0022072	-.001489
#2	.0452486	.0056478	-.000321	.000467	.0004695	-.001058	.001132
#3	.0445224	.0072070	.000378	.000289	-.000243	.006287	.002104

Sample Name: CCB02 Acquired: 3/25/2020 13:23:50 Type: Unk
Method: NON EPA-6010-200.7(v322) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002197	.0007968	.0005474
Stddev	.009346	.0011486	.0000802
%RSD	425.3008	144.1506	14.65527

#1	.006304	.0008155	.0005793
#2	-.000692	-.000361	.0006068
#3	-.012205	.001936	.0004562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.719	20179.35	5153.952	788.7790	1772.171
Stddev	2.914	138.55	11.521	2.7218	4.093
%RSD	.2721821	.6866072	.2235287	.3450630	.2309416

#1	1069.499	20063.44	5141.947	787.9898	1769.504
#2	1068.613	20141.80	5154.994	786.5391	1770.127
#3	1074.045	20332.81	5164.917	791.8082	1776.884