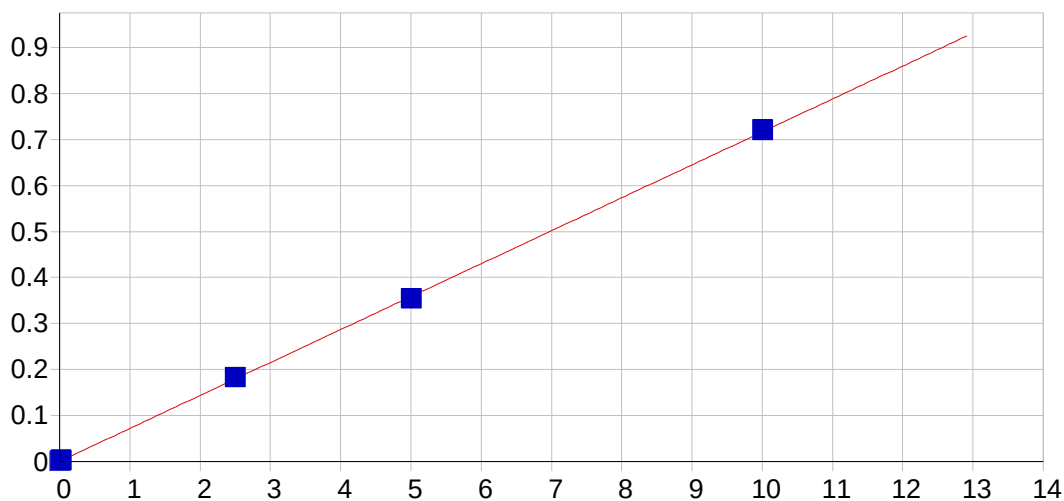


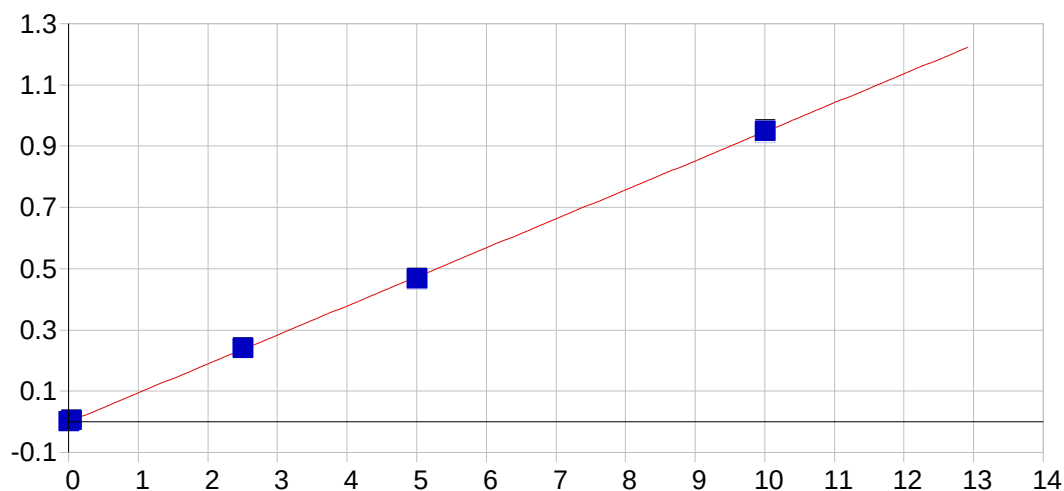


As 189.042 {479}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000431 Re-Slope: 1.000000
 A1 (Gain): 0.071592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999930 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.003235
 Predicted MQL: 0.010784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.02000	.02296	.003	14.8	.00207	.000	1
S3	2.5000	2.5388	.039	1.55	.18218	.001	1
S4	5.0000	4.9204	-.080	-1.59	.35267	.000	1
S5	10.000	10.038	.038	.378	.71901	.002	1

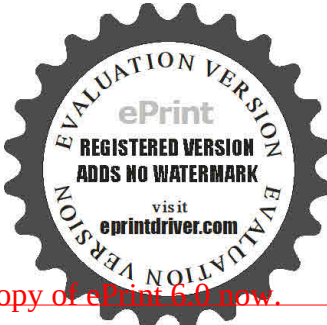
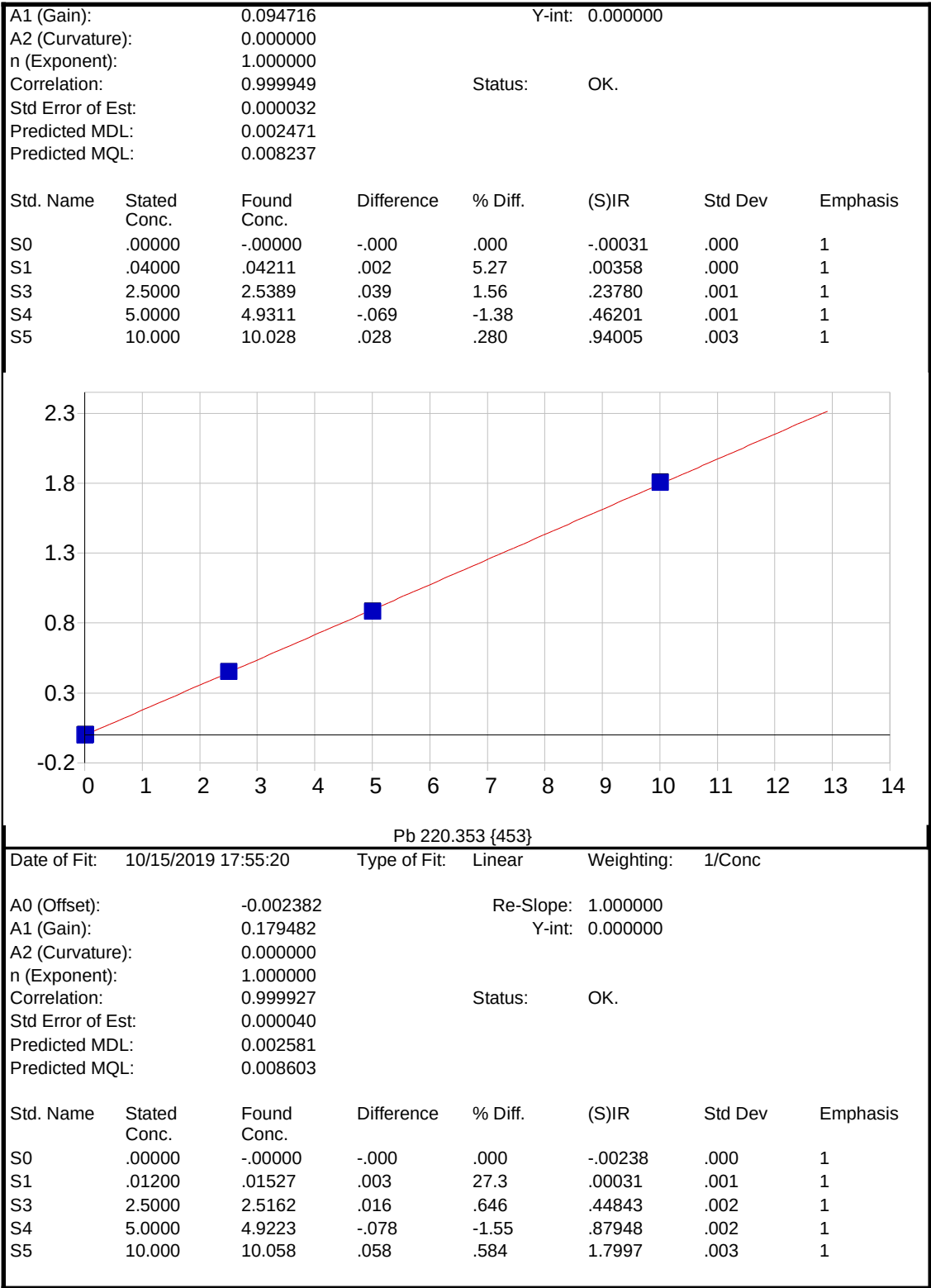


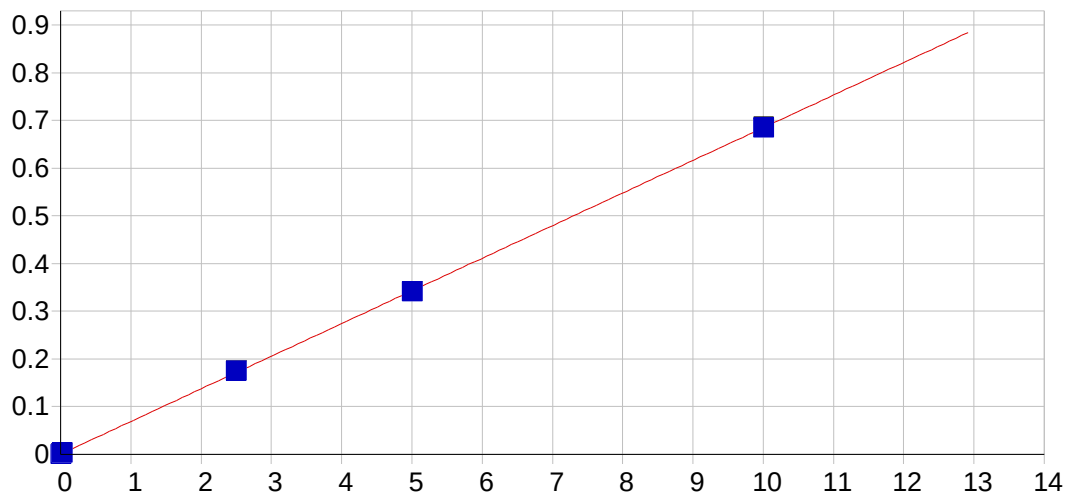
TI 190.856 {477}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000306 Re-Slope: 1.000000





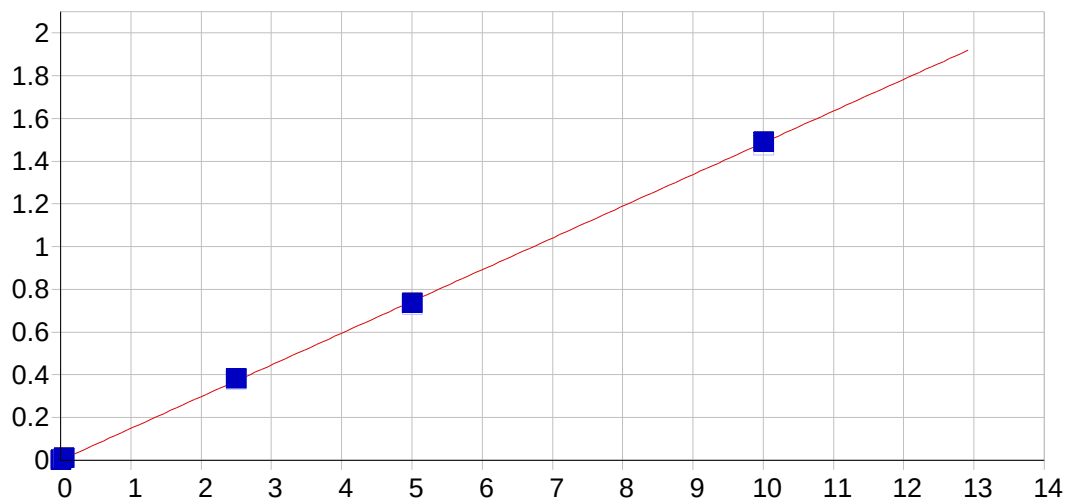


Se 196.090 {472}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.068439 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.004359
 Predicted MQL: 0.014532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.02000	.02429	.004	21.4	.00226	.000	1
S3	2.5000	2.5423	.042	1.69	.17469	.000	1
S4	5.0000	4.9686	-.031	-.628	.34084	.000	1
S5	10.000	9.9848	-.015	-.152	.68435	.001	1

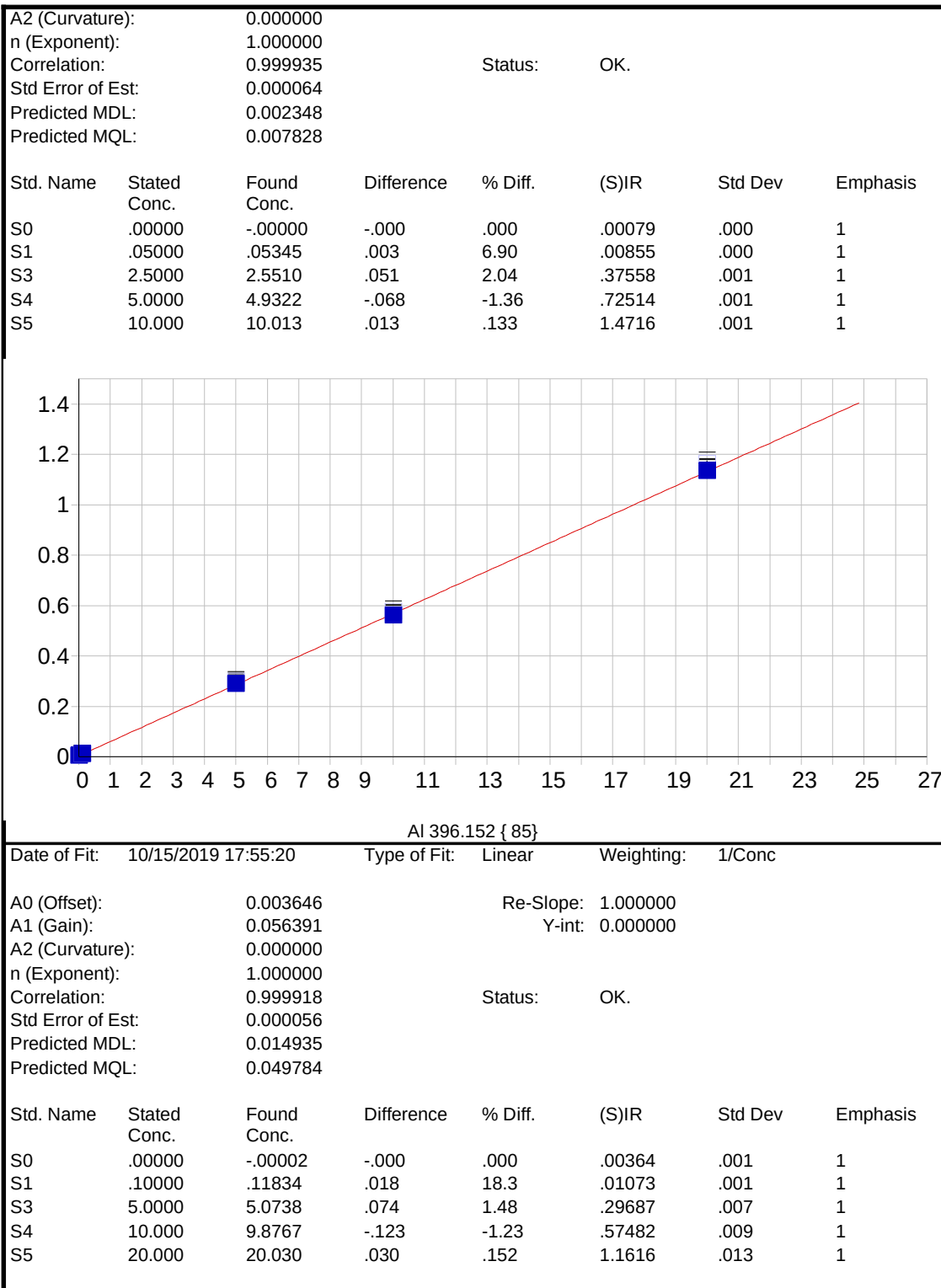


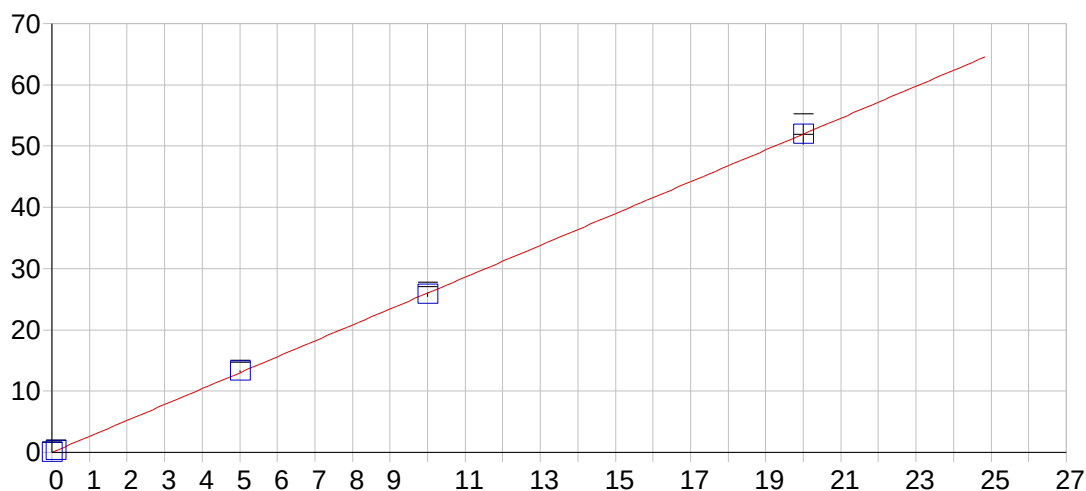
Sb 206.833 {463}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000793 Re-Slope: 1.000000
 A1 (Gain): 0.148552 Y-int: 0.000000





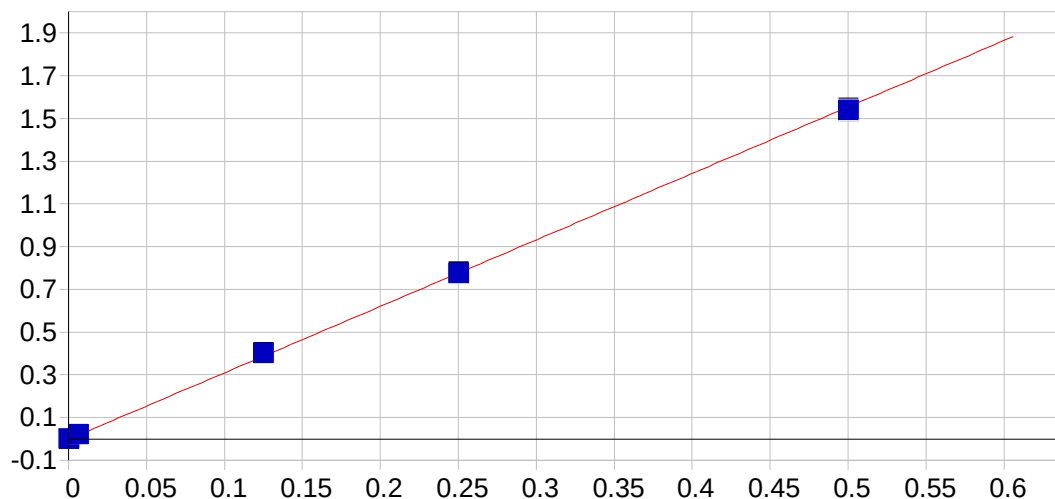


Ba 493.409 { 68}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017212 Re-Slope: 1.000000
 A1 (Gain): 2.597947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.001699
 Predicted MDL: 0.000730
 Predicted MQL: 0.002434

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01719	.001	1
S1	.10000	.10619	.006	6.19	.29308	.004	1
S3	5.0000	5.0845	.085	1.69	13.227	.197	1
S4	10.000	9.9130	-.087	-.870	25.771	.331	1
S5	20.000	19.996	-.004	-.019	51.966	1.68	1

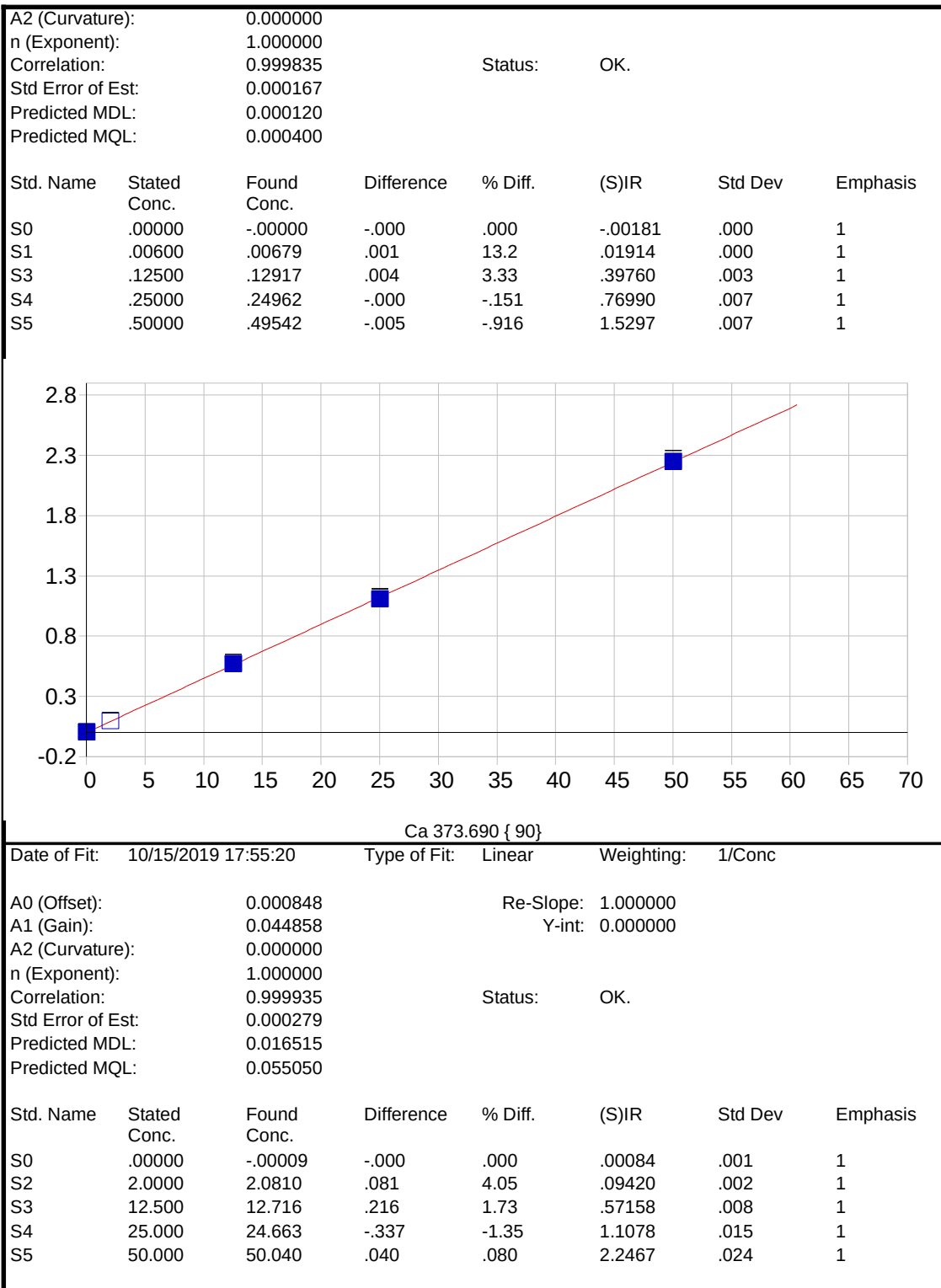


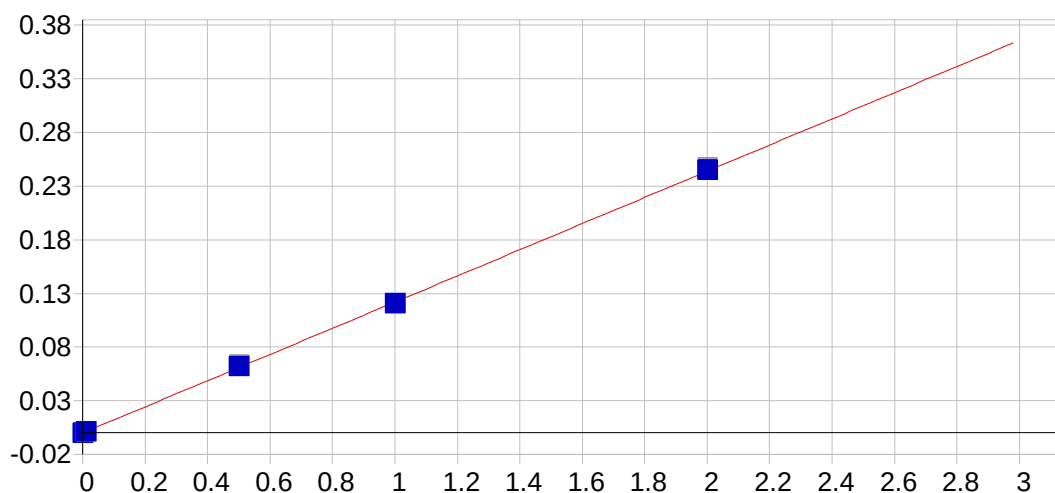
Be 234.861 {144}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001803 Re-Slope: 1.000000
 A1 (Gain): 3.111115 Y-int: 0.000000





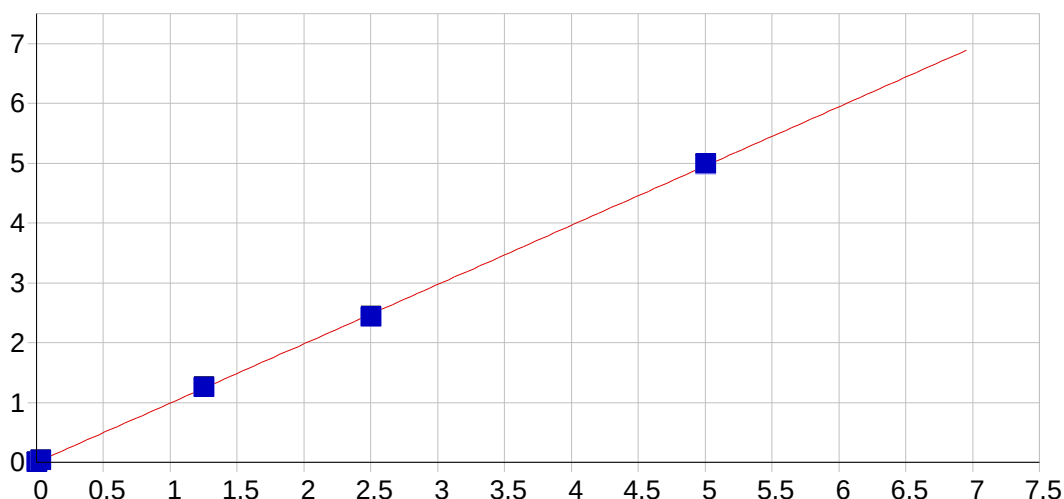


Cr 267.716 {126}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.121984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.000708
 Predicted MQL: 0.002362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.00976	-.000	-2.38	.00113	.000	1
S3	.50000	.50757	.008	1.51	.06226	.000	1
S4	1.0000	.98735	-.013	-1.27	.12120	.000	1
S5	2.0000	2.0053	.005	.266	.24621	.001	1

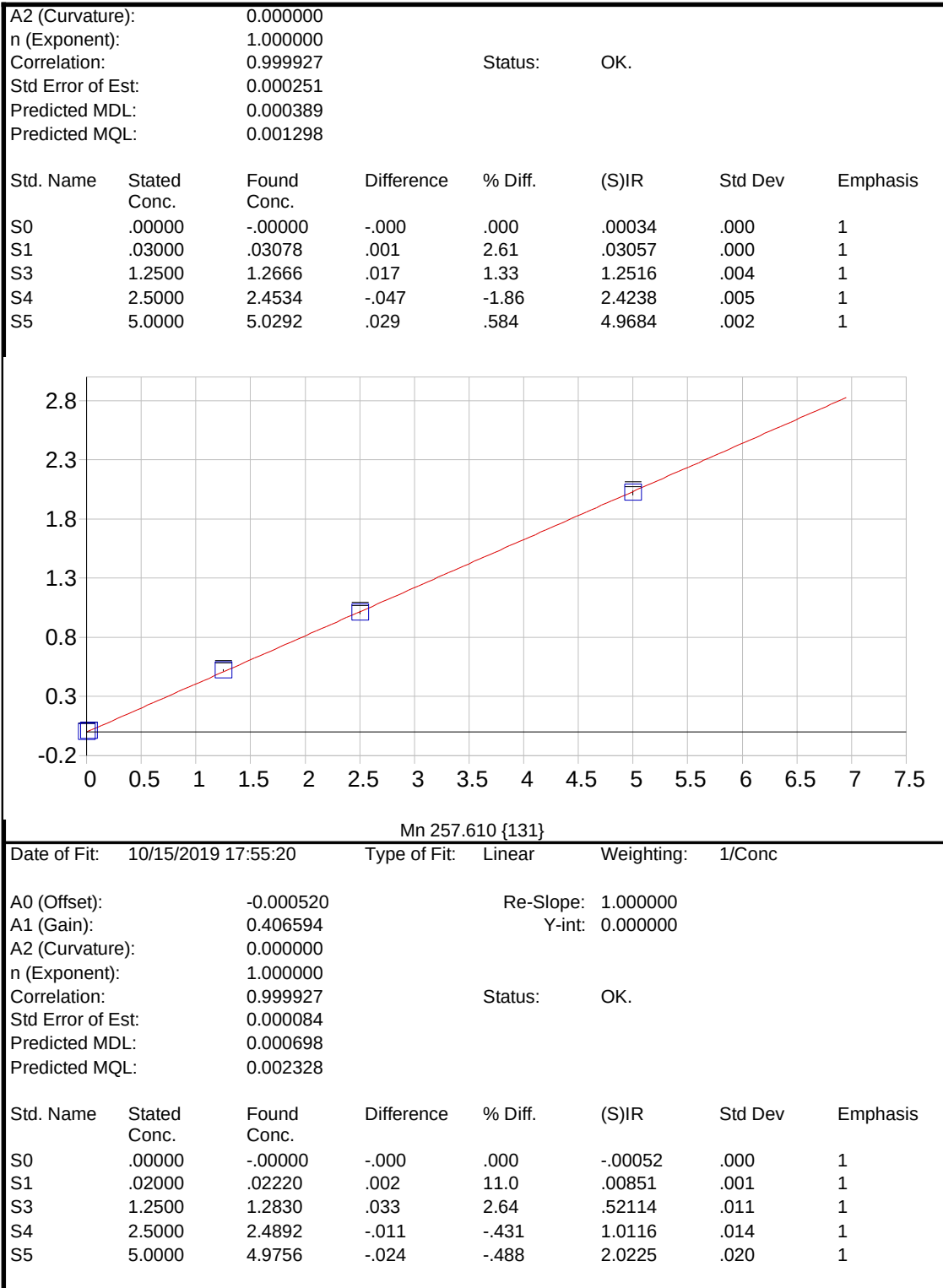


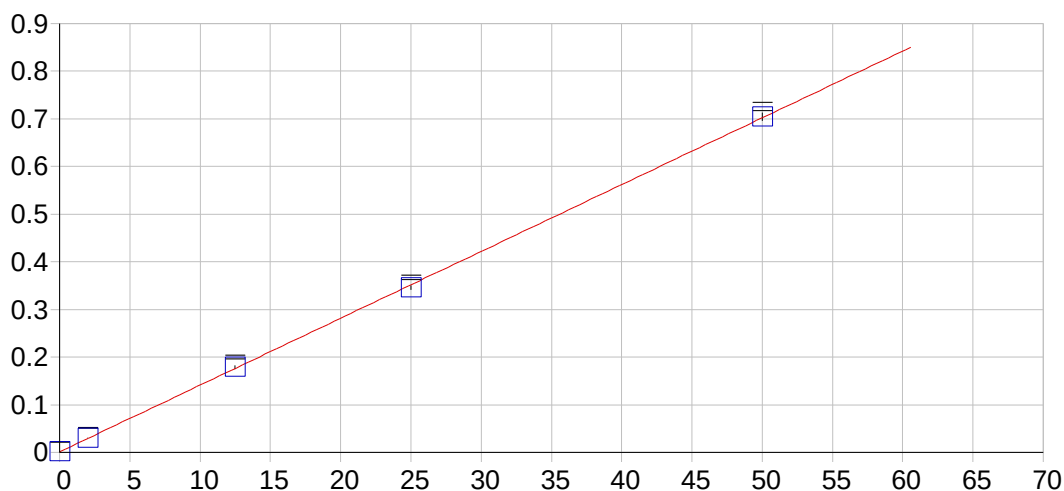
Co 228.616 {448}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000343 Re-Slope: 1.000000
 A1 (Gain): 0.990533 Y-int: 0.000000





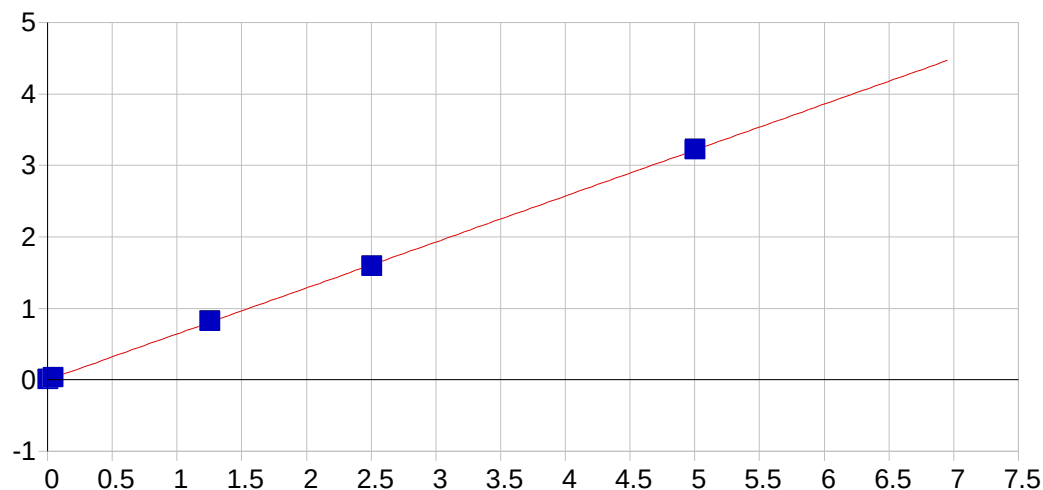


Mg 279.079 {121}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001078 Re-Slope: 1.000000
 A1 (Gain): 0.014023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.027772
 Predicted MQL: 0.092573

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00108	.001	1
S2	2.0000	2.0733	.073	3.66	.03015	.001	1
S3	12.500	12.692	.192	1.53	.17905	.004	1
S4	25.000	24.573	-.427	-1.71	.34566	.005	1
S5	50.000	50.162	.162	.324	.70449	.008	1

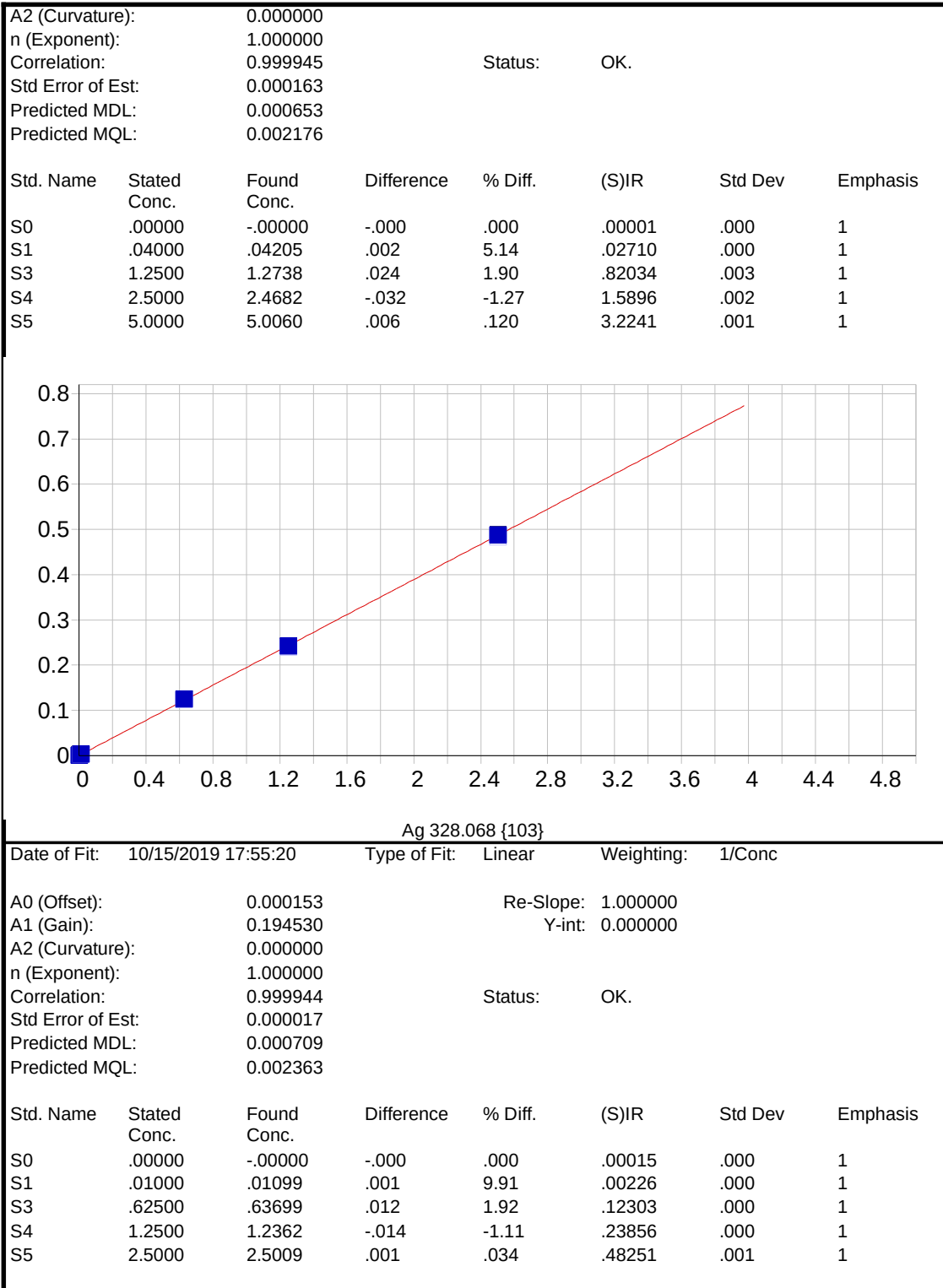


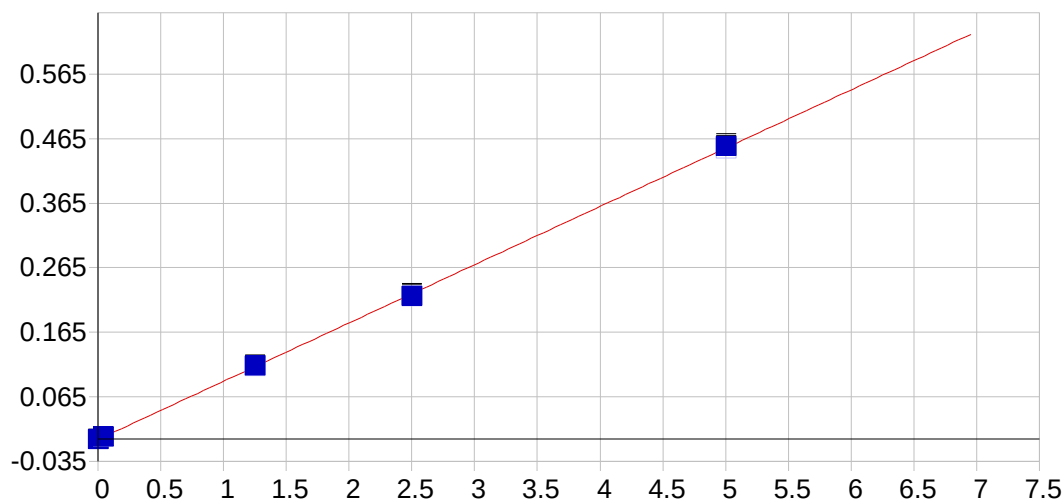
Ni 231.604 {446}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.642948 Y-int: 0.000000





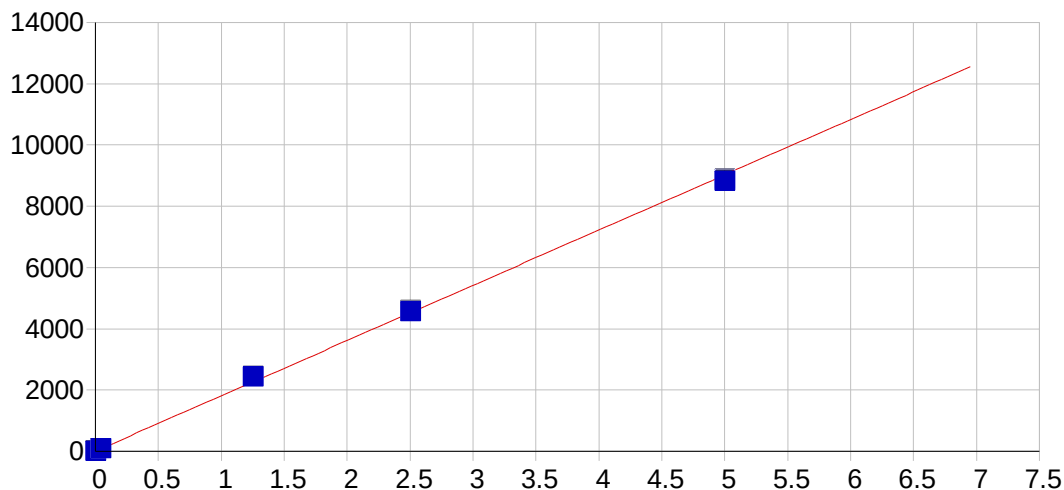


V 292.402 {115}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001167 Re-Slope: 1.000000
 A1 (Gain): 0.090303 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.004236
 Predicted MQL: 0.014120

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00117	.000	1
S1	.04000	.04351	.004	8.76	.00270	.000	1
S3	1.2500	1.2622	.012	.977	.11194	.001	1
S4	2.5000	2.4626	-.037	-1.50	.21947	.004	1
S5	5.0000	5.0217	.022	.434	.44882	.005	1

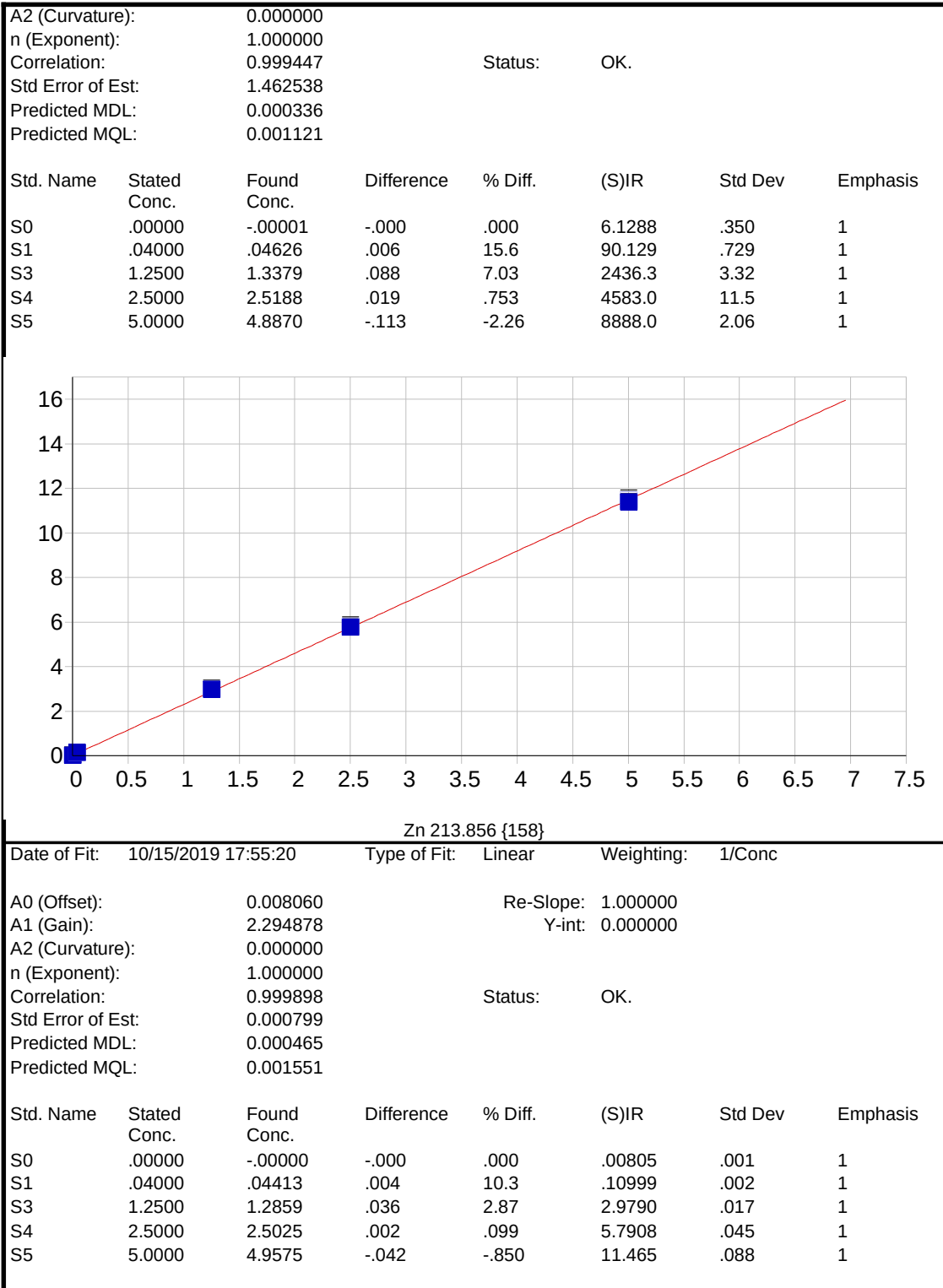


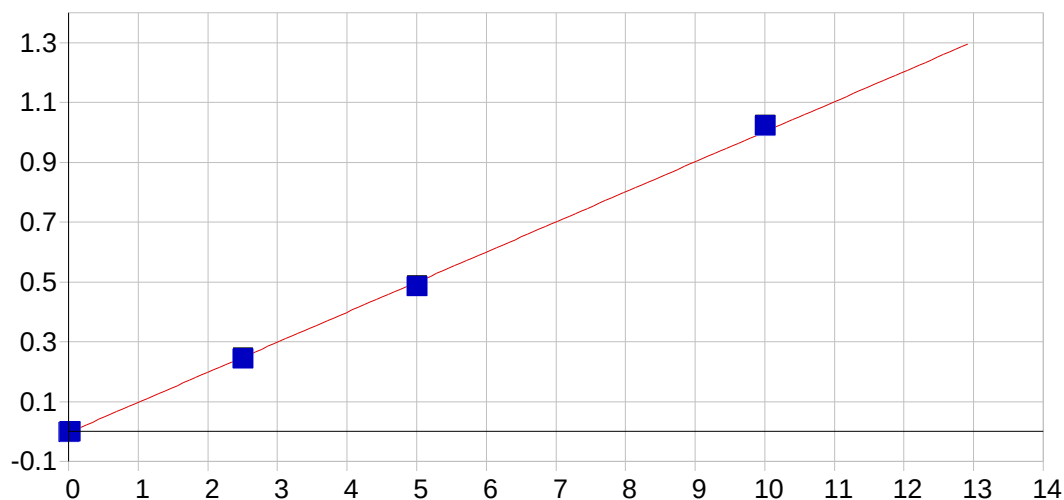
Zn 206.200 {464}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 6.144058 Re-Slope: 1.000000
 A1 (Gain): 1804.600128 Y-int: 0.000000





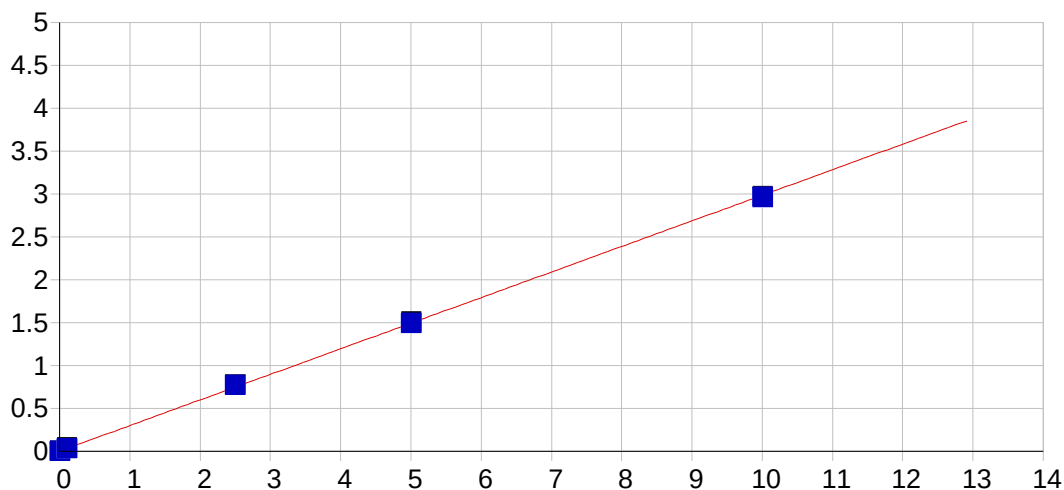


P 177.495 {490}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003338 Re-Slope: 1.000000
 A1 (Gain): 0.100537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999746 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.002227
 Predicted MQL: 0.007422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00334	.000	1
S1	.02000	.02091	.001	4.54	-.00124	.000	1
S3	2.5000	2.4510	-.049	-1.96	.24272	.001	1
S4	5.0000	4.8556	-.144	-2.89	.48410	.001	1
S5	10.000	10.192	.192	1.92	1.0199	.001	1

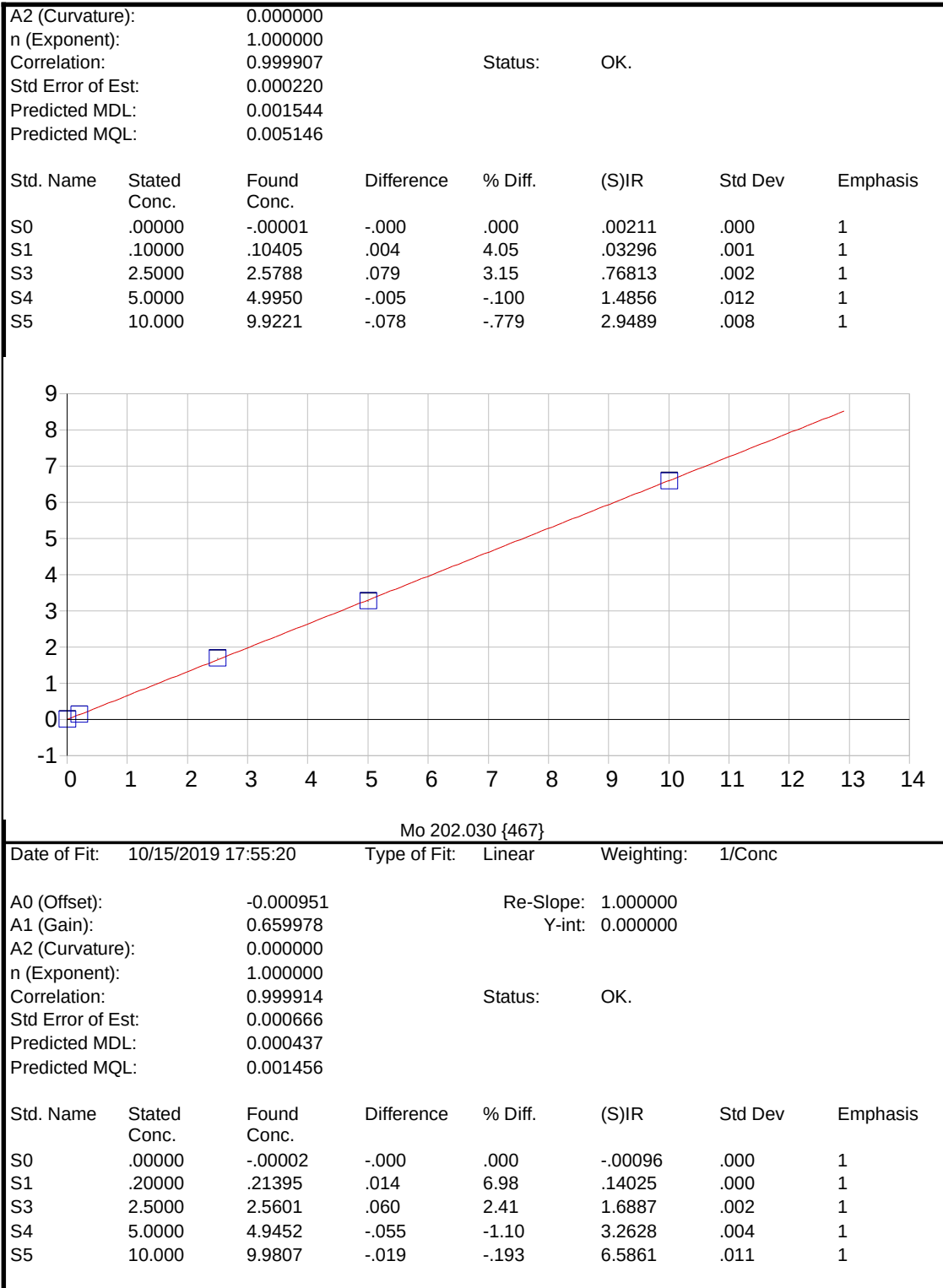


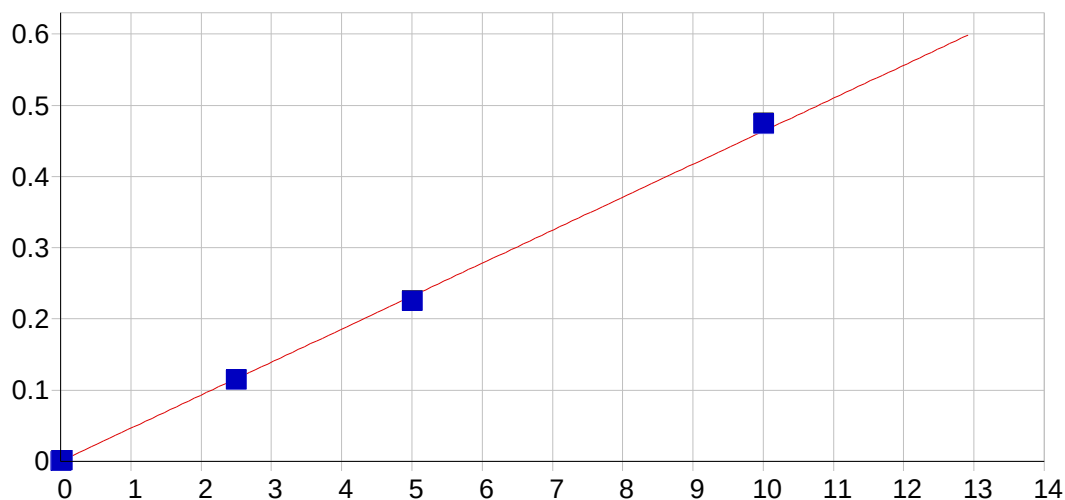
B 249.678 {135}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002109 Re-Slope: 1.000000
 A1 (Gain): 0.298324 Y-int: 0.000000





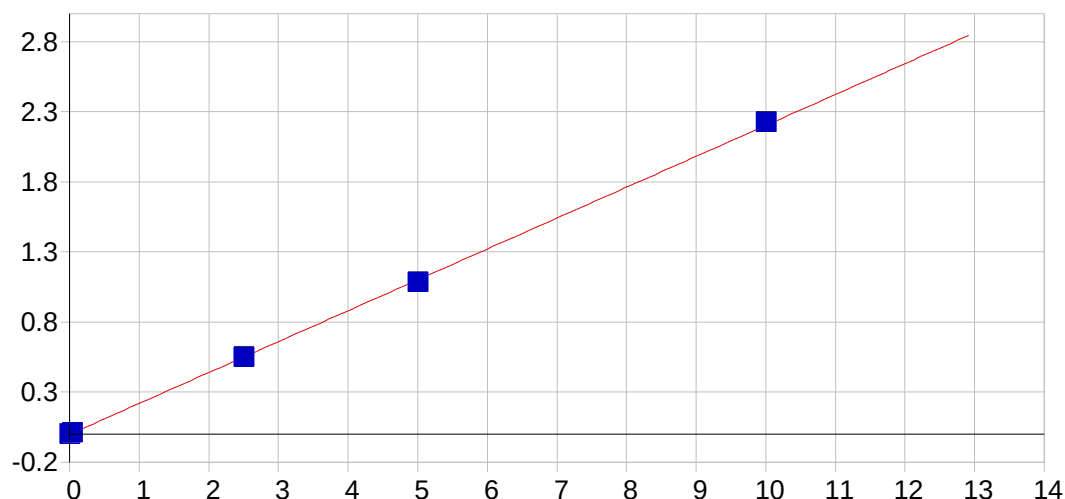


S 182.034 {485}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000326 Re-Slope: 1.000000
 A1 (Gain): 0.046327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999567 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.004605
 Predicted MQL: 0.015349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00033	.000	1
S1	.02000	.00967	-.010	-51.7	.00075	.000	1
S3	2.5000	2.4544	-.046	-1.82	.11394	.000	1
S4	5.0000	4.8476	-.152	-3.05	.22472	.001	1
S5	10.000	10.208	.208	2.08	.47288	.001	1



Sn 189.989 {478}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

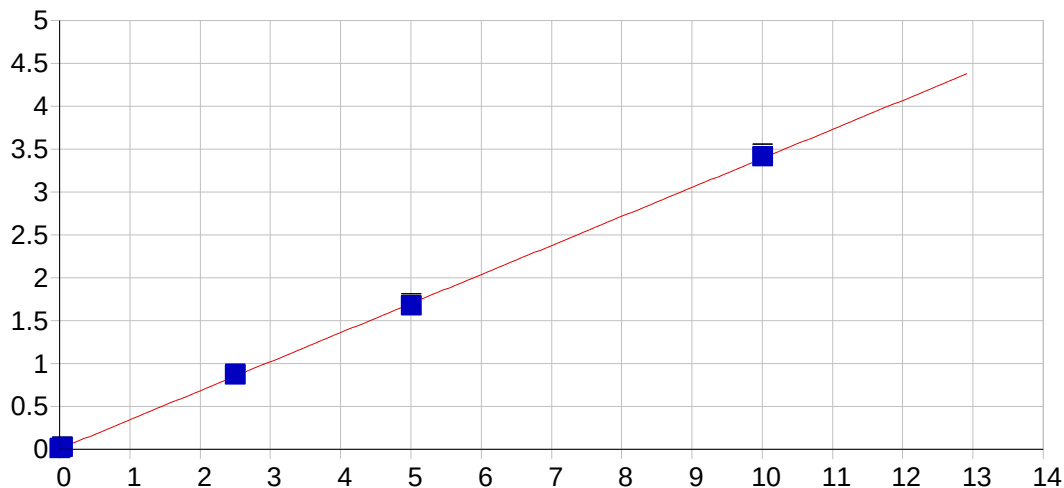
A0 (Offset): -0.000371 Re-Slope: 1.000000
 A1 (Gain): 0.220327 Y-int: 0.000000



A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931
 Std Error of Est: 0.000089
 Predicted MDL: 0.001030
 Predicted MQL: 0.003435

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.04000	.03881	-.001	-2.98	.00818	.000	1
S3	2.5000	2.5003	.000	.010	.55082	.001	1
S4	5.0000	4.9109	-.089	-1.78	1.0823	.002	1
S5	10.000	10.090	.090	.900	2.2240	.006	1



Ti 336.121 {100}

Date of Fit: 10/15/2019 17:55:20

Type of Fit: Linear

Weighting: 1/Conc

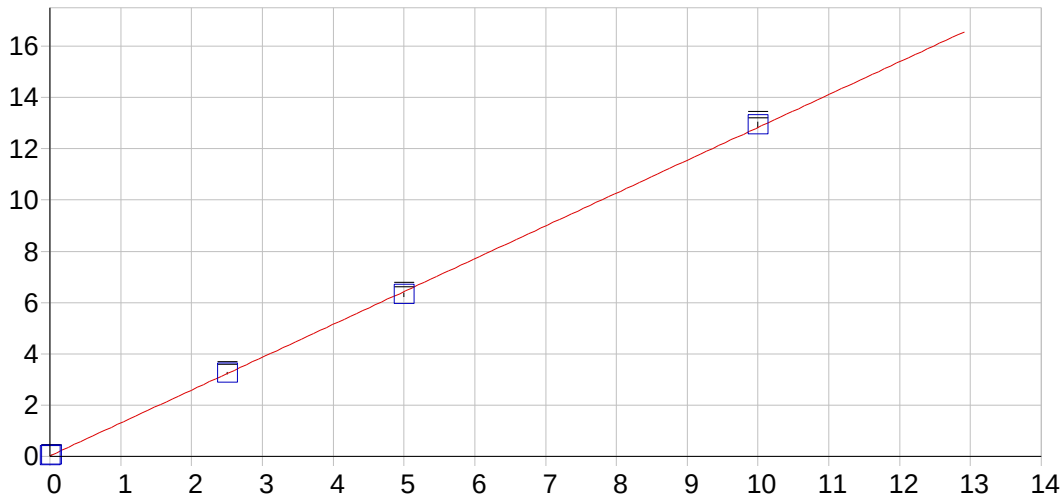
A0 (Offset): 0.006056
 A1 (Gain): 0.338601
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000117
 Predicted MDL: 0.001662
 Predicted MQL: 0.005539

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	.00606	.001	1
S1	.04000	.04112	.001	2.79	.01997	.000	1
S3	2.5000	2.5301	.030	1.20	.86263	.011	1
S4	5.0000	4.9226	-.077	-1.55	1.6727	.022	1
S5	10.000	10.046	.046	.462	3.4073	.031	1



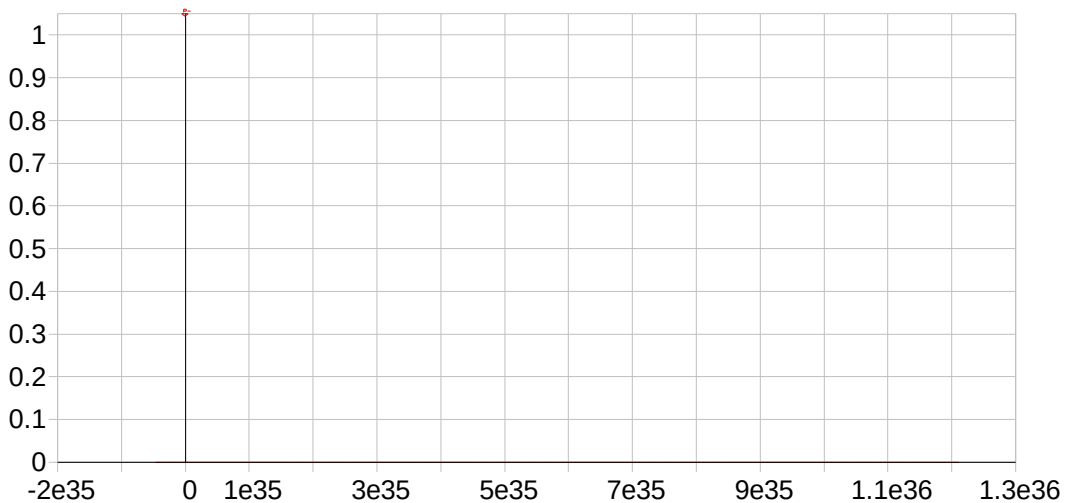


Li 670.784 { 50}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.023996 Re-Slope: 1.000000
 A1 (Gain): 1.280833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.001600
 Predicted MQL: 0.005334

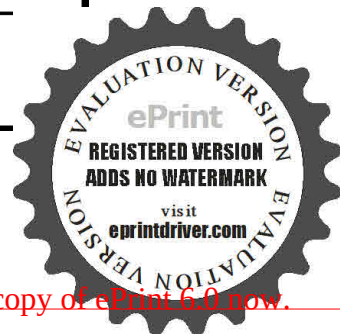
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02400	.001	1
S5	10.000	10.070	.070	.697	12.922	.127	1
S4	5.0000	4.9072	-.093	-1.86	6.3092	.086	1
S3	2.5000	2.5232	.023	.927	3.2558	.049	1
S1	.02000	.01991	-.000	-.425	.04950	.002	1

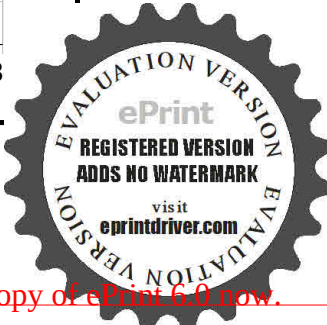
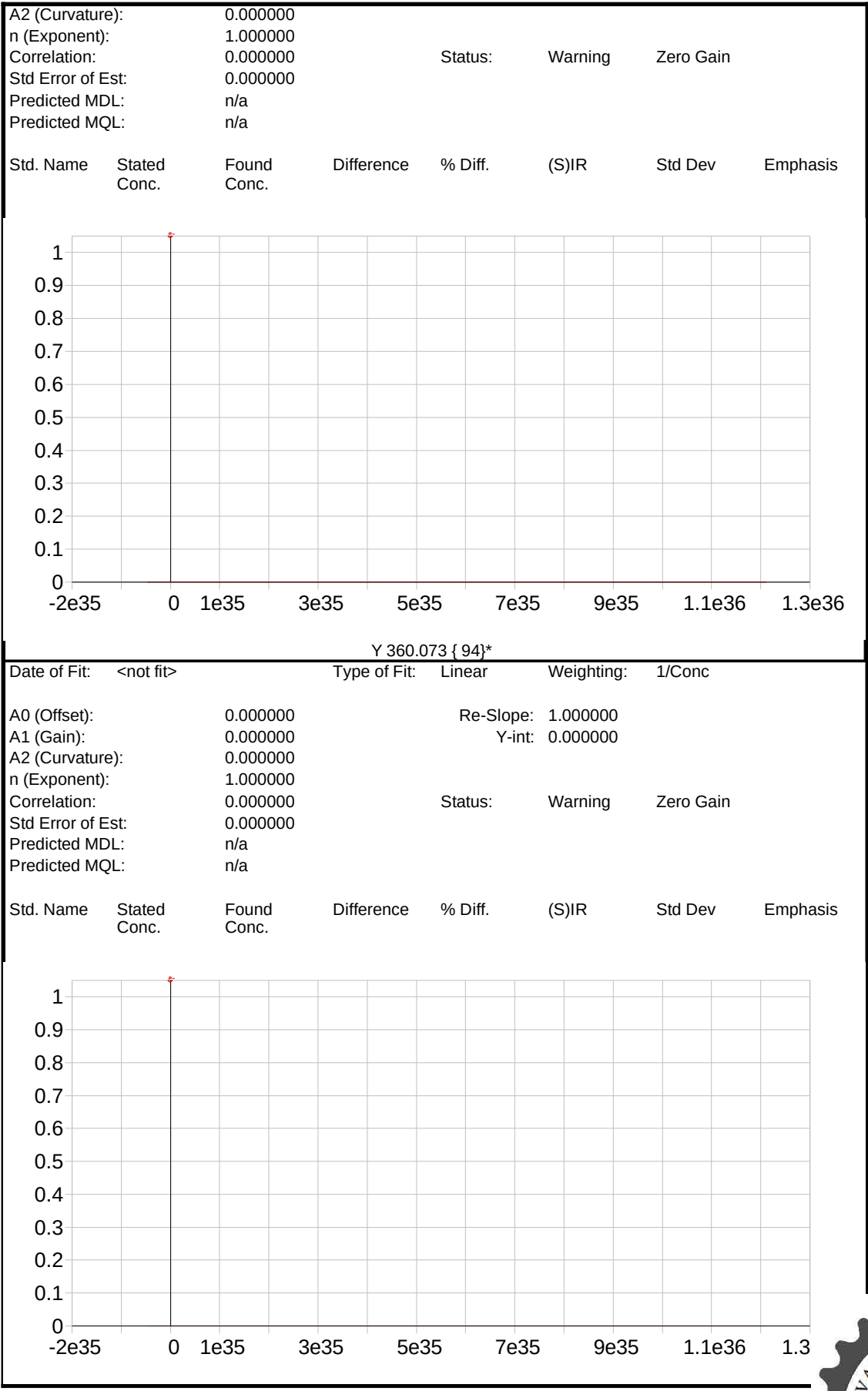


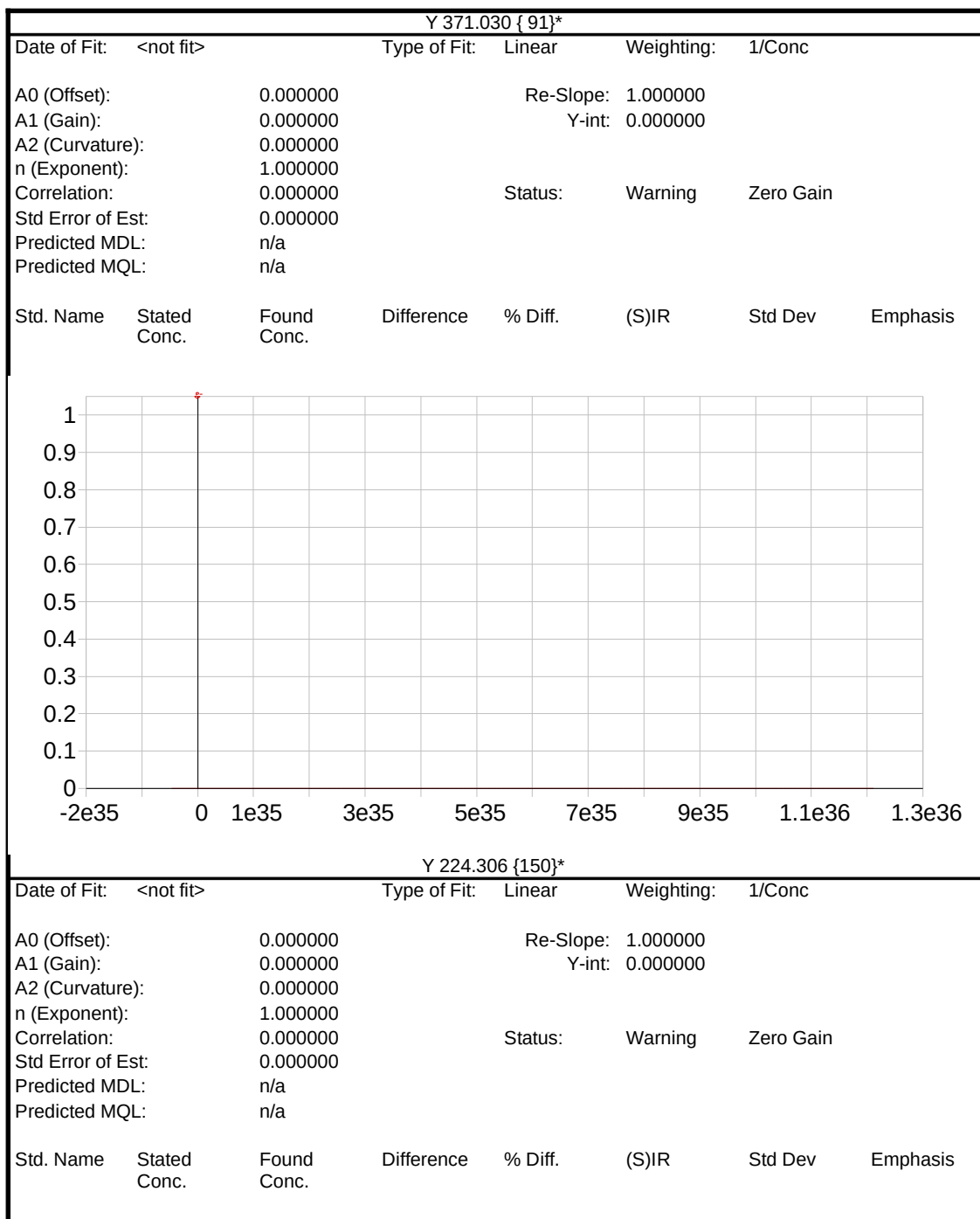
Y 224.306 {450}*

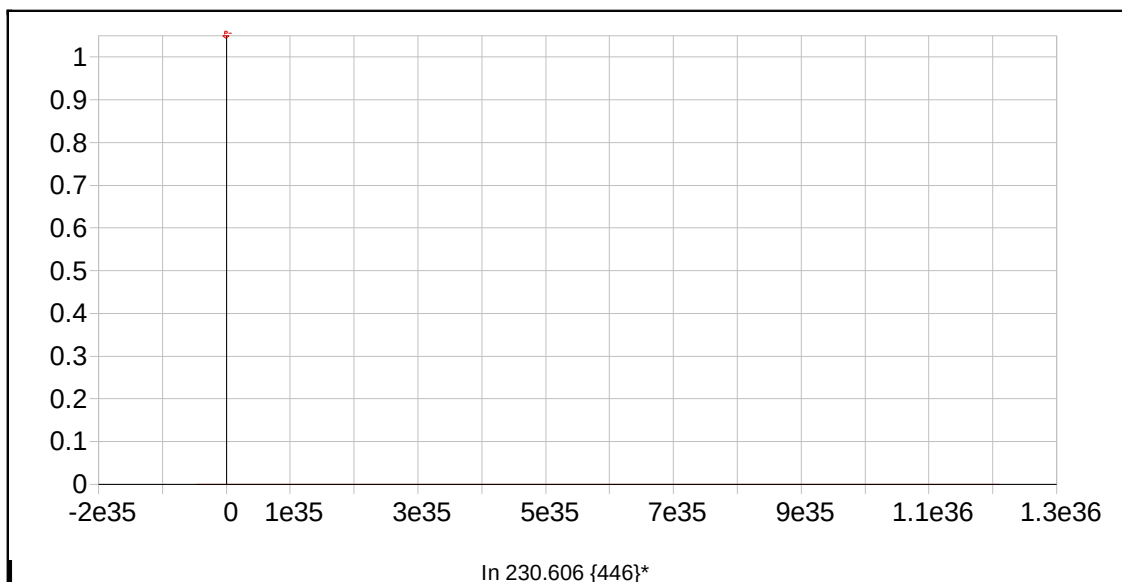
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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





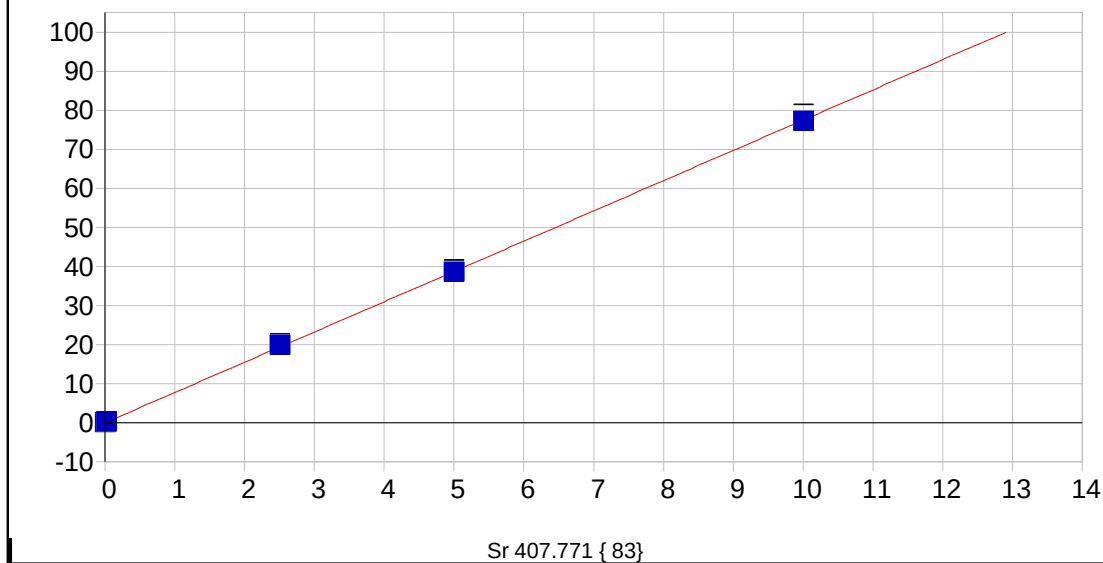




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

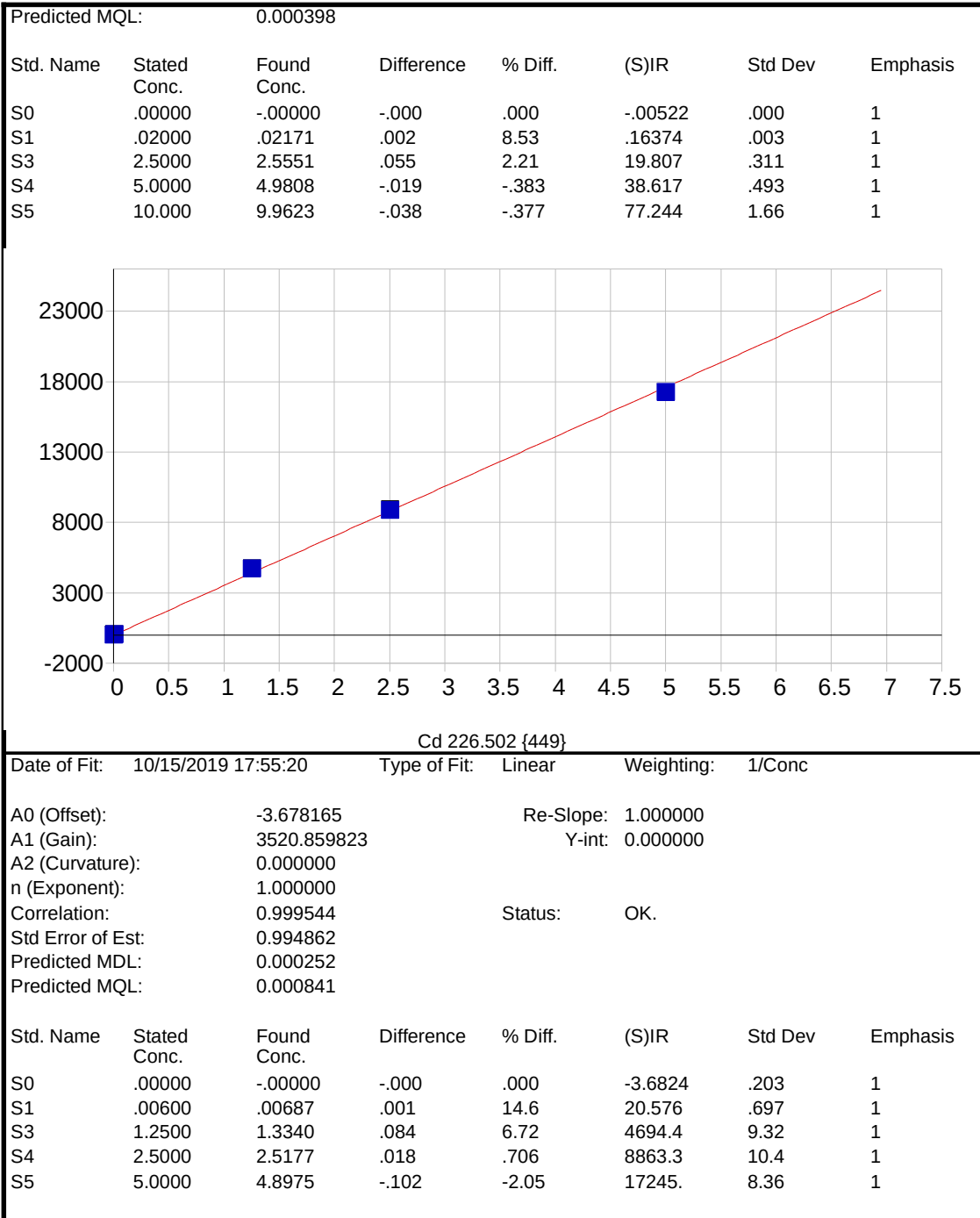
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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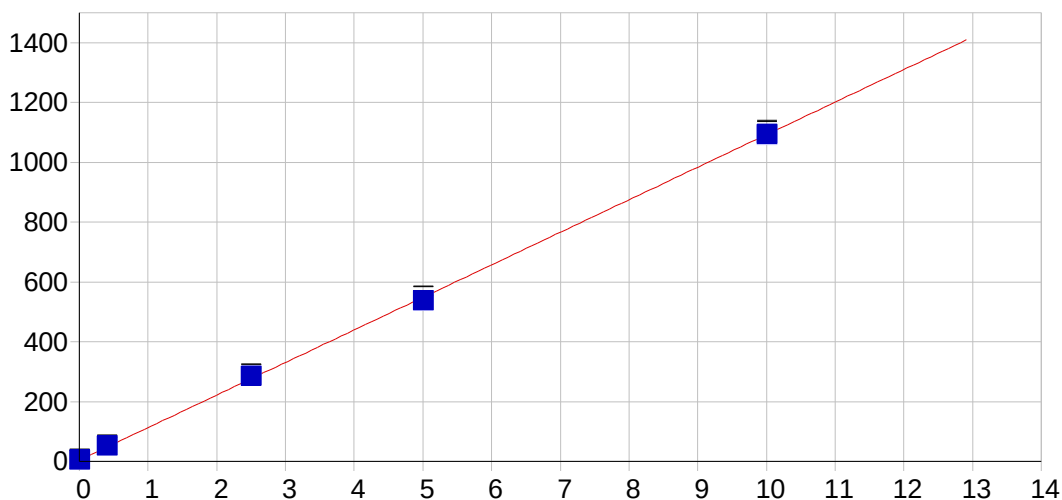


Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005209 Re-Slope: 1.000000
 A1 (Gain): 7.745958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.001775
 Predicted MDL: 0.000119





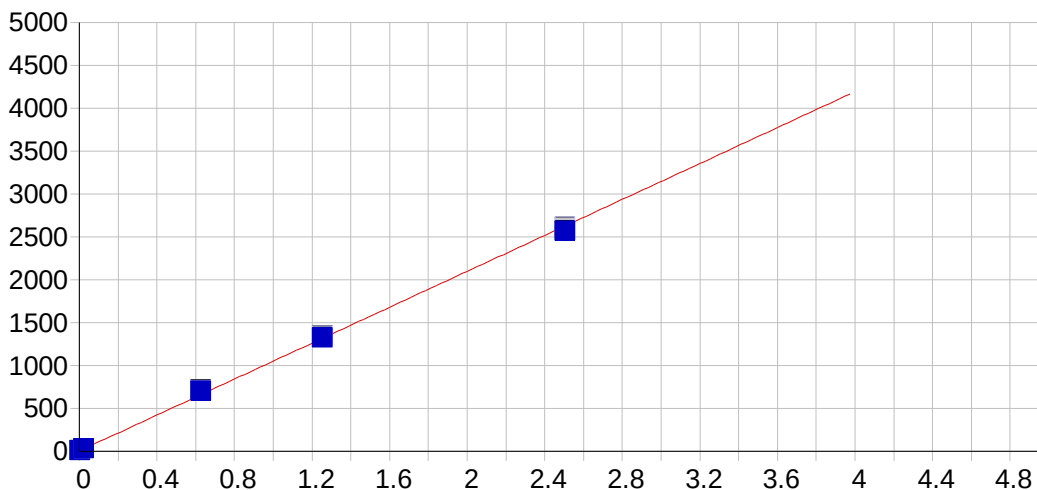


Si 288.158 {117}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.141341 Re-Slope: 1.000000
 A1 (Gain): 108.826547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.224023
 Predicted MDL: 0.020346
 Predicted MQL: 0.067819

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	4.1381	2.95	1
S1	.40000	.42625	.026	6.56	50.480	3.25	1
S3	2.5000	2.5768	.077	3.07	283.66	6.69	1
S4	5.0000	4.8932	-.107	-2.14	534.85	15.2	1
S5	10.000	10.004	.004	.037	1089.2	13.5	1

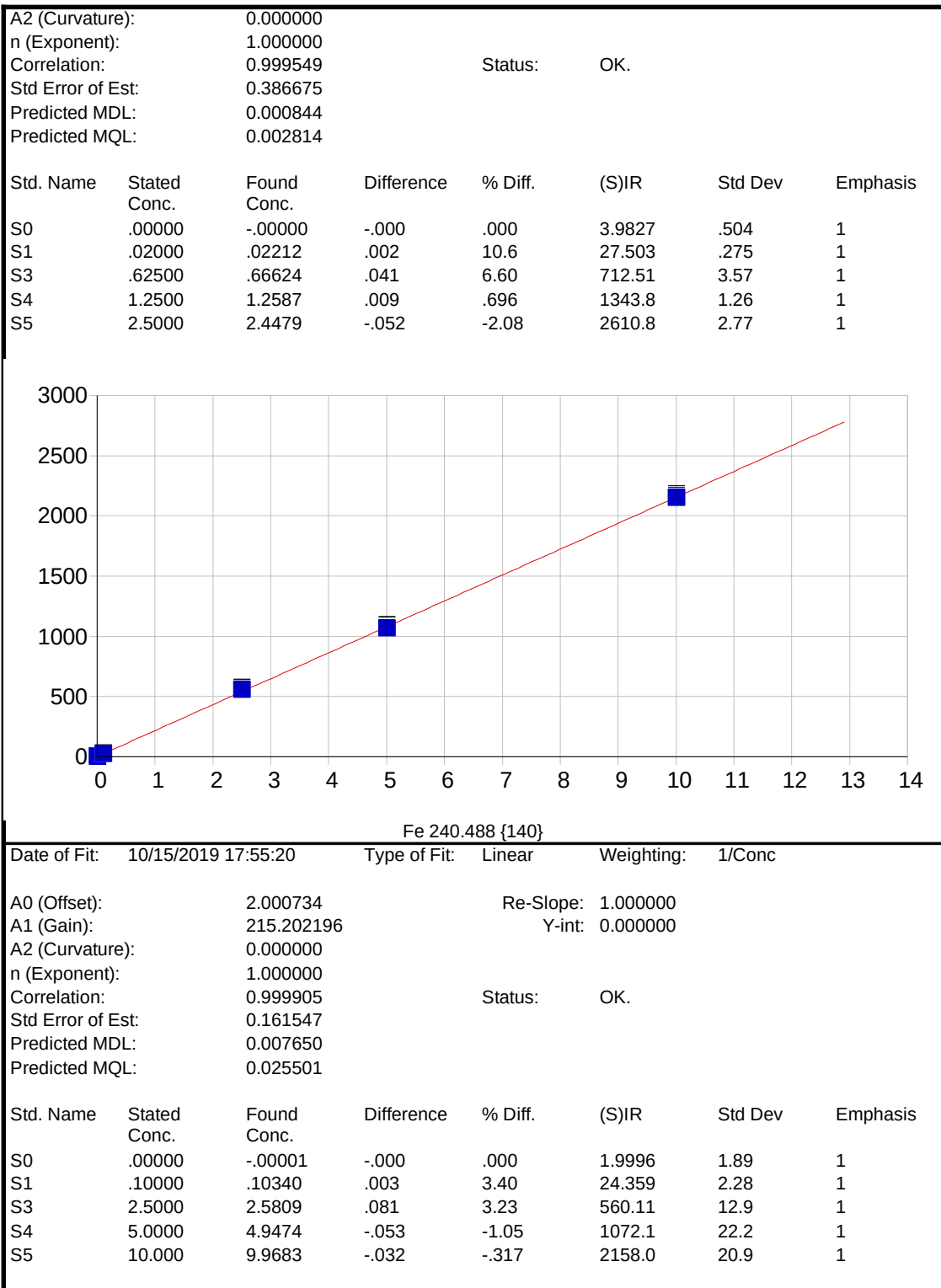


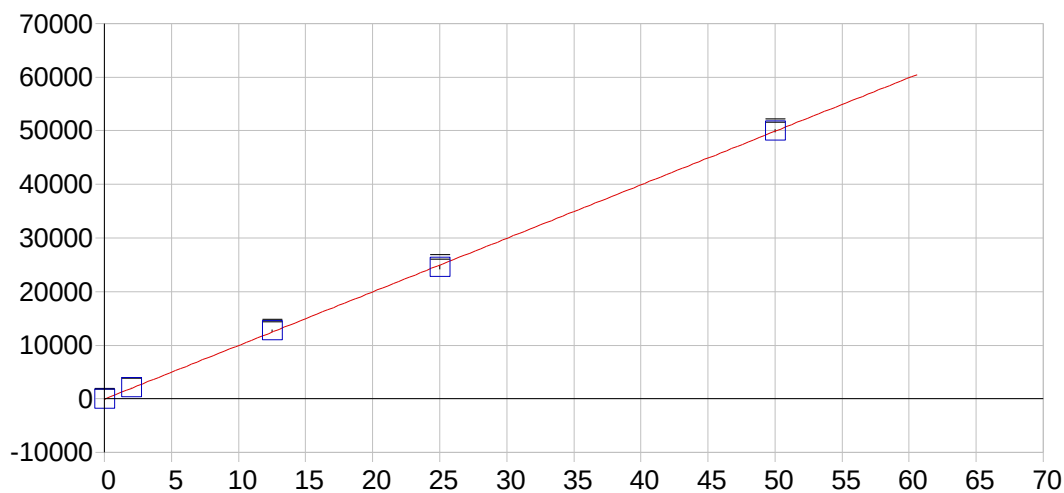
Cu 224.700 {450}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.985977 Re-Slope: 1.000000
 A1 (Gain): 1047.485227 Y-int: 0.000000





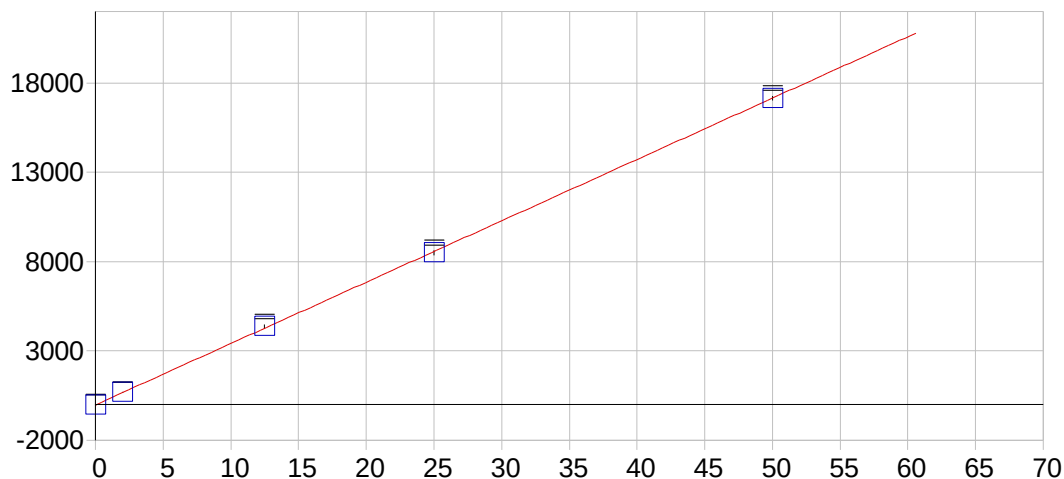


Na 589.592 { 57}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -40.701518 Re-Slope: 1.000000
 A1 (Gain): 998.991956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 6.781238
 Predicted MDL: 0.011367
 Predicted MQL: 0.037889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	-40.789	31.2	1
S2	2.0000	2.0748	.075	3.74	2032.0	54.8	1
S3	12.500	12.756	.256	2.05	12702.	241.	1
S4	25.000	24.621	-.379	-1.52	24555.	440.	1
S5	50.000	50.049	.049	.097	49957.	315.	1



K 766.490 { 44}

Date of Fit: 10/15/2019 17:55:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -17.516852 Re-Slope: 1.000000
 A1 (Gain): 343.406437 Y-int: 0.000000



A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999953			Status:	OK.		
Std Error of Est:	1.808558						
Predicted MDL:	0.039258						
Predicted MQL:	0.130859						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-17.531	9.03	1
S2	2.0000	2.0224	.022	1.12	676.98	7.94	1
S3	12.500	12.759	.259	2.07	4364.1	121.	1
S4	25.000	24.740	-.260	-1.04	8478.5	144.	1
S5	50.000	49.978	-.022	-.044	17145.	116.	1



Sample Name: S0 Acquired: 10/15/2019 12:14:44 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.00043	-.00031	-.00238	.00059	.00079	.00364	.01719	-.00181
Stddev	.00027	.00025	.00029	.00038	.00012	.00071	.00138	.00036
%RSD	61.657	81.989	12.014	63.754	15.495	19.371	8.0520	19.787

#1	.00048	-.00034	-.00271	.00096	.00085	.00414	.01560	-.00161
#2	.00067	-.00004	-.00216	.00061	.00088	.00396	.01811	-.00222
#3	.00014	-.00054	-.00228	.00021	.00065	.00284	.01787	-.00159

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00084	-.00007	.00034	-.00052	.00108	.00001	.00015	-.00117
Stddev	.00091	.00002	.00027	.00037	.00063	.00033	.00001	.00022
%RSD	107.36	33.402	77.586	71.860	58.123	4078.3	9.5472	19.122

#1	.00185	-.00005	.00029	-.00026	.00068	-.00005	.00016	-.00091
#2	.00010	-.00009	.00011	-.00035	.00075	.00036	.00017	-.00132
#3	.00058	-.00006	.00063	-.00095	.00180	-.00029	.00014	-.00127

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00805	-.00334	.00211	-.00096	.00033	-.00037	.00606	.02400
Stddev	.00069	.00010	.00020	.00021	.00026	.00023	.00051	.00084
%RSD	8.5105	3.1105	9.3190	21.865	80.419	62.256	8.4704	3.4826

#1	.00882	-.00325	.00206	-.00111	.00021	-.00033	.00649	.02304
#2	.00751	-.00345	.00232	-.00072	.00063	-.00016	.00549	.02459
#3	.00782	-.00331	.00194	-.00106	.00014	-.00062	.00618	.02436

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00522	-3.682	4.138	3.983	2.000	-40.79	-17.53
Stddev	.00040	.203	2.949	.504	1.894	31.15	9.03
%RSD	7.6462	5.518	71.25	12.65	94.73	76.37	51.51

#1	-.00568	-3.637	.8665	4.110	.5749	-67.80	-26.18
#2	-.00492	-3.905	4.957	4.411	4.149	-47.86	-18.25
#3	-.00508	-3.506	6.590	3.427	1.275	-6.708	-8.162



Sample Name: S0 Acquired: 10/15/2019 12:14:44 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	1833.3	33343.	5361.4	1220.3	1952.0
Stddev	2.4	70.	26.9	9.2	1.2
%RSD	.13041	.21131	.50188	.75633	.05988
#1	1831.9	33264.	5332.1	1224.0	1953.3
#2	1831.9	33367.	5385.0	1209.8	1951.1
#3	1836.1	33399.	5367.0	1227.1	1951.6



Sample Name: S1 Acquired: 10/15/2019 12:18:44 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.00207	.00358	.00031	.00226	.00855	.01073	.29308	.01914
Stddev	.00011	.00025	.00066	.00013	.00017	.00058	.00368	.00025
%RSD	5.4346	6.8401	213.65	5.7633	1.9546	5.3817	1.2568	1.2962

#1	.00197	.00379	.00059	.00237	.00874	.01010	.28885	.01905
#2	.00219	.00365	.00079	.00230	.00842	.01087	.29485	.01942
#3	.00206	.00331	-.00045	.00212	.00849	.01123	.29554	.01895

Elem	Cr2677	Co2286	Mn2576	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00113	.03057	.00851	.02710	.00226	.00270	.10999	-.00124
Stddev	.00003	.00050	.00052	.00005	.00003	.00035	.00162	.00005
%RSD	2.8131	1.6345	6.1635	.17377	1.5344	13.083	1.4741	4.1827

#1	.00113	.03094	.00790	.02713	.00229	.00308	.11060	-.00130
#2	.00110	.03076	.00876	.02704	.00223	.00264	.10815	-.00123
#3	.00116	.03000	.00886	.02711	.00225	.00239	.11121	-.00120

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707	Sr4077	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03296	.14025	.00075	.00818	.01997	.04950	.16374	20.58
Stddev	.00072	.00028	.00018	.00018	.00022	.00204	.00271	.70
%RSD	2.1803	.20106	24.105	2.2149	1.1020	4.1155	1.6536	3.386

#1	.03227	.13995	.00071	.00807	.01973	.04737	.16066	20.54
#2	.03370	.14050	.00095	.00809	.02003	.05142	.16479	21.29
#3	.03291	.14030	.00059	.00839	.02016	.04972	.16577	19.90

Elem	Si2881	Cu2247	Fe2404
Units	Cts/S	Cts/S	Cts/S
Avg	50.48	27.50	24.36
Stddev	3.25	.28	2.28
%RSD	6.432	1.000	9.366

#1	46.77	27.49	23.45
#2	52.81	27.24	22.67
#3	51.85	27.78	26.95



Sample Name: S1 Acquired: 10/15/2019 12:18:44 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	1838.0	33483.	5423.6	1218.6	1959.0
Stddev	5.1	35.	27.6	10.0	3.7
%RSD	.27985	.10436	.50935	.82005	.19126
#1	1834.8	33446.	5392.0	1213.1	1956.8
#2	1843.9	33516.	5435.7	1212.5	1963.3
#3	1835.3	33486.	5443.2	1230.1	1957.0



Sample Name: S2 Acquired: 10/15/2019 12:22:46 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.09420	.03015	2032.	677.0
Stddev	.00157	.00064	55.	7.9
%RSD	1.6719	2.1207	2.696	1.173

#1	.09238	.02948	1969.	667.8
#2	.09513	.03076	2061.	681.6
#3	.09509	.03021	2066.	681.5

Int. Std.	Y_3710
Units	Cts/S
Avg	5425.4
Stddev	31.3
%RSD	.57698

#1	5406.8
#2	5461.6
#3	5407.9



Sample Name: S3 Acquired: 10/15/2019 12:26:46 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.18218	.23780	.44843	.17469	.37558	.29687	13.227	.39760
Stddev	.00066	.00084	.00246	.00033	.00102	.00676	.197	.00269
%RSD	.36357	.35125	.54933	.18699	.27186	2.2772	1.4929	.67537

#1	.18231	.23748	.44659	.17439	.37665	.28928	13.020	.39750
#2	.18146	.23875	.44747	.17463	.37462	.29906	13.247	.39496
#3	.18277	.23718	.45122	.17504	.37546	.30226	13.413	.40033

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57158	.06226	1.2516	.52114	.17905	.82034	.12303	.11194
Stddev	.00844	.00046	.0045	.01121	.00420	.00321	.00022	.00133
%RSD	1.4763	.73842	.35765	2.1508	2.3473	.39125	.18276	1.1924

#1	.56217	.06248	1.2514	.50920	.17426	.82228	.12324	.11041
#2	.57406	.06257	1.2562	.52277	.18211	.82211	.12307	.11255
#3	.57849	.06174	1.2473	.53144	.18078	.81664	.12279	.11286

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9790	.24272	.76813	1.6887	.11394	.55082	.86263	3.2558
Stddev	.0173	.00135	.00192	.0022	.00039	.00111	.01116	.0493
%RSD	.57985	.55645	.25057	.12885	.34325	.20211	1.2942	1.5128

#1	2.9989	.24315	.76965	1.6873	.11397	.55049	.85003	3.2024
#2	2.9696	.24380	.76877	1.6876	.11353	.55206	.86657	3.2653
#3	2.9684	.24120	.76596	1.6912	.11431	.54990	.87130	3.2995

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.807	4694.	283.7	712.5	560.1	12700.	4364.
Stddev	.311	9.	6.7	3.6	12.9	241.	122.
%RSD	1.5723	.1985	2.357	.5004	2.309	1.900	2.784

#1	19.475	4684.	276.0	709.5	545.2	12430.	4226.
#2	19.854	4702.	288.2	711.6	568.7	12800.	4453.
#3	20.093	4697.	286.8	716.4	566.4	12880.	4414.



Sample Name: S3 Acquired: 10/15/2019 12:26:46 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	1811.3	33370.	5471.7	1184.0	1857.8
Stddev	1.2	166.	21.8	10.2	4.9
%RSD	.06376	.49606	.39786	.86121	.26633
#1	1810.1	33192.	5448.8	1172.6	1857.9
#2	1812.4	33400.	5492.2	1192.3	1852.9
#3	1811.3	33519.	5474.0	1187.1	1862.7



Sample Name: S4 Acquired: 10/15/2019 12:30:32 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.35267	.46201	.87948	.34084	.72514	.57482	25.771	.76990
Stddev	.00050	.00068	.00242	.00043	.00094	.00884	.331	.00684
%RSD	.14045	.14773	.27537	.12630	.13021	1.5376	1.2835	.88825

#1	.35228	.46247	.88223	.34130	.72496	.56485	25.401	.77703
#2	.35323	.46123	.87768	.34078	.72430	.57791	25.873	.76339
#3	.35249	.46234	.87852	.34045	.72616	.58169	26.038	.76929

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1078	.12120	2.4238	1.0116	.34566	1.5896	.23856	.21947
Stddev	.0146	.00037	.0048	.0138	.00490	.0020	.00043	.00389
%RSD	1.3216	.30745	.19716	1.3597	1.4173	.12798	.18151	1.7714

#1	1.0912	.12125	2.4292	.99571	.34001	1.5915	.23815	.21506
#2	1.1132	.12155	2.4215	1.0199	.34840	1.5900	.23851	.22095
#3	1.1189	.12081	2.4205	1.0191	.34858	1.5874	.23901	.22240

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7908	.48410	1.4856	3.2628	.22472	1.0823	1.6727	6.3092
Stddev	.0454	.00073	.0118	.0043	.00066	.0016	.0224	.0857
%RSD	.78494	.15153	.79723	.13113	.29319	.14638	1.3385	1.3589

#1	5.8426	.48357	1.4990	3.2677	.22459	1.0836	1.6477	6.2130
#2	5.7574	.48380	1.4765	3.2604	.22414	1.0805	1.6794	6.3372
#3	5.7726	.48494	1.4814	3.2603	.22544	1.0827	1.6909	6.3775

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	38.617	8863.	534.8	1344.	1072.	24560.	8478.
Stddev	.493	10.	15.2	1.	22.	440.	144.
%RSD	1.2763	.1175	2.841	.0937	2.069	1.792	1.696

#1	38.071	8853.	517.6	1342.	1047.	24050.	8313.
#2	38.749	8862.	540.6	1344.	1084.	24820.	8572.
#3	39.030	8874.	546.4	1345.	1086.	24800.	8550.



Sample Name: S4 Acquired: 10/15/2019 12:30:32 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	1788.7	32806.	5433.2	1166.2	1811.0
Stddev	3.7	78.	25.7	6.8	3.3
%RSD	.20715	.23757	.47387	.58429	.18147
#1	1785.0	32894.	5408.0	1158.5	1807.4
#2	1788.8	32779.	5459.5	1171.3	1812.0
#3	1792.4	32746.	5431.9	1168.9	1813.8



Sample Name: S5 Acquired: 10/15/2019 12:34:16 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	.71901	.94005	1.7997	.68435	1.4716	1.1616	51.966	1.5297
Stddev	.00195	.00309	.0031	.00137	.0014	.0125	1.680	.0070
%RSD	.27102	.32875	.17047	.20092	.09280	1.0797	3.2324	.45877

#1	.71902	.93904	1.7968	.68509	1.4729	1.1478	50.121	1.5318
#2	.72095	.93758	1.7995	.68520	1.4717	1.1647	52.372	1.5219
#3	.71705	.94351	1.8029	.68276	1.4702	1.1723	53.406	1.5355

Elem	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316	Ag3280	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2467	.24621	4.9684	2.0225	.70449	3.2241	.48251	.44882
Stddev	.0243	.00054	.0022	.0200	.00836	.0013	.00076	.00481
%RSD	1.0822	.22030	.04346	.99122	1.1862	.03924	.15713	1.0708

#1	2.2196	.24567	4.9664	1.9996	.69494	3.2241	.48170	.44388
#2	2.2541	.24622	4.9682	2.0315	.70811	3.2227	.48262	.44909
#3	2.2665	.24675	4.9707	2.0365	.71043	3.2253	.48320	.45348

Elem	Zn2138	P_1774	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.465	1.0199	2.9489	6.5861	.47288	2.2240	3.4073	12.922
Stddev	.088	.0010	.0083	.0109	.00126	.0055	.0306	.127
%RSD	.76459	.10048	.28311	.16498	.26576	.24779	.89785	.98413

#1	11.479	1.0188	2.9517	6.5905	.47427	2.2176	3.3736	12.776
#2	11.371	1.0200	2.9395	6.5940	.47253	2.2272	3.4149	12.982
#3	11.544	1.0209	2.9555	6.5737	.47183	2.2271	3.4333	13.008

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	77.244	17250.	1089.	2611.	2158.	49960.	17150.
Stddev	1.663	8.	13.	3.	21.	315.	116.
%RSD	2.1525	.0485	1.236	.1063	.9686	.6303	.6774

#1	75.324	17240.	1074.	2613.	2134.	49590.	17010.
#2	78.172	17240.	1098.	2608.	2167.	50120.	17200.
#3	78.235	17250.	1096.	2612.	2173.	50160.	17220.



Sample Name: S5 Acquired: 10/15/2019 12:34:16 Type: Cal
Method: NON EPA-6010-200.7(v27) 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	1741.9	31847.	5362.6	1153.7	1719.7
Stddev	4.8	107.	13.3	7.0	1.3
%RSD	.27628	.33507	.24740	.60576	.07598
#1	1740.3	31964.	5370.7	1149.9	1720.2
#2	1738.1	31755.	5369.9	1161.8	1718.2
#3	1747.3	31822.	5347.3	1149.4	1720.6



Sample Name: ICV01 Acquired: 10/15/2019 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008568	1.005800	.9686083	1.018685	1.001457	2.566223
Stddev	.002495	.003114	.0043485	.002865	.003041	.044197
%RSD	.2473727	.3096517	.4489378	.2812260	.3037044	1.722269

#1	1.010627	1.006837	.9731337	1.016585	1.000004	2.515787
#2	1.005793	1.002299	.9644616	1.021949	.999414	2.584695
#3	1.009282	1.008264	.9682295	1.017522	1.004952	2.598188

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5135392	.5014559	10.21602	.5070810	.5040752	.5131079
Stddev	.0036456	.0031611	.16967	.0022246	.0016468	.0080835
%RSD	.7099054	.6303850	1.660791	.4386976	.3267003	1.575391

#1	.5094037	.5017912	10.03923	.5045425	.5058900	.5042554
#2	.5149260	.5044359	10.23130	.5080100	.5026760	.5149717
#3	.5162880	.4981405	10.37753	.5086904	.5036597	.5200967

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.045554	.5055044	.4739385	.5000968	1.045117	F .0021020
Stddev	.076838	.0008995	.0010509	.0123121	.009323	.0013024
%RSD	1.270989	.1779443	.2217277	2.461954	.8920805	61.95911

#1	5.984346	.5059244	.4727333	.4859640	1.053557	.0032653
#2	6.020532	.5044718	.4744185	.5058266	1.035109	.0006950
#3	6.131785	.5061172	.4746636	.5084999	1.046686	.0023455

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568053	2.571545	F -.003585	2.462493	2.501089	F -.001261
Stddev	.013223	.002909	.005286	.005322	.041546	.001546
%RSD	.5148986	.1131323	147.4383	.2161083	1.661128	122.5545

#1	2.563311	2.574599	-.002530	2.459943	2.455877	-.001896
#2	2.582993	2.568806	-.009319	2.458926	2.509806	.000501
#3	2.557855	2.571232	.001094	2.468610	2.537586	-.002389



Sample Name: ICV01 Acquired: 10/15/2019 13:08:40 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0067212	.5335701	2.413848	.5091512	5.115114	10.17094
Stddev	.0000707	.0015114	.061711	.0027384	.117000	.13132
%RSD	1.051797	.2832609	2.556556	.5378444	2.287341	1.291100

#1	.0066795	.5319405	2.344195	.5060309	4.999076	10.04294
#2	.0068029	.5338439	2.435650	.5102677	5.113214	10.16453
#3	.0066813	.5349259	2.461699	.5111551	5.233053	10.30534

Elem	K_7664
Units	ppm
Avg	10.13636
Stddev	.16379
%RSD	1.615908

#1	9.94946
#2	10.20469
#3	10.25493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.240	33252.45	5456.399	1176.697	1890.303
Stddev	9.001	45.73	22.237	11.230	5.147
%RSD	.5002462	.1375122	.4075489	.9543710	.2722789

#1	1788.860	33205.90	5445.686	1167.703	1884.531
#2	1803.980	33297.30	5441.545	1189.284	1894.414
#3	1804.881	33254.15	5481.965	1173.104	1891.965



Sample Name: LLICV01 Acquired: 10/15/2019 13:12:29 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237804	.0407393	.0106275	.0225350	.0548672	.1167537	.1059645
Stddev	.0012056	.0015378	.0013734	.0036171	.0023370	.0129426	.0023810
%RSD	5.069837	3.774697	12.92323	16.05107	4.259415	11.08540	2.246954

#1	.0250176	.0392632	.0118611	.0247274	.0563091	.1140769	.1033186
#2	.0226090	.0406225	.0091476	.0245174	.0561218	.1308255	.1066405
#3	.0237146	.0423321	.0108738	.0183600	.0521708	.1053588	.1079343

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066957	2.071975	.0102151	.0307479	.0224588	2.065070	.0427083
Stddev	.0002055	.047767	.0006235	.0002361	.0011976	.023067	.0004881
%RSD	3.069818	2.305377	6.103796	.7677517	5.332445	1.117005	1.142756

#1	.0064592	2.017352	.0095496	.0305299	.0215397	2.038894	.0421778
#2	.0068318	2.092657	.0107858	.0309986	.0220234	2.073892	.0431382
#3	.0067960	2.105915	.0103100	.0307151	.0238131	2.082423	.0428091

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107679	.0405633	.0451640	.0207511	.1089341	.2158480	.0178236
Stddev	.0003222	.0035893	.0000996	.0029827	.0010957	.0013967	.0072585
%RSD	2.992052	8.848750	.2205670	14.37369	1.005867	.6470567	40.72433

#1	.0107089	.0387721	.0450490	.0194178	.1098849	.2174080	.0095687
#2	.0104793	.0382222	.0452187	.0241678	.1091817	.2147140	.0206945
#3	.0111155	.0446958	.0452243	.0186676	.1077358	.2154220	.0232075

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400367	.0403292	.0199913	.0219301	.0067223	.4032786	.0183523
Stddev	.0010431	.0001453	.0021453	.0005073	.0001610	.0165410	.0008498
%RSD	2.605386	.3601513	10.73111	2.313139	2.395574	4.101635	4.630631

#1	.0412350	.0402315	.0179234	.0213520	.0066575	.3845723	.0178390
#2	.0393323	.0404961	.0198443	.0221373	.0066038	.4159725	.0178847
#3	.0395427	.0402599	.0222064	.0223009	.0069057	.4092910	.0193333



Sample Name: LLICV01 Acquired: 10/15/2019 13:12:29 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.1126895	2.083456	2.004527
Stddev	.0085762	.051234	.057889
%RSD	7.610488	2.459065	2.887917

#1	.1148295	2.024396	1.940057
#2	.1032459	2.110015	2.021471
#3	.1199931	2.115956	2.052054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.598	33518.83	5400.037	1189.252	1928.907
Stddev	2.143	100.47	24.037	9.319	1.010
%RSD	.1183413	.2997431	.4451268	.7836377	.0523870

#1	1808.392	33531.49	5402.769	1190.630	1927.974
#2	1810.731	33612.37	5422.590	1179.320	1928.767
#3	1812.671	33412.63	5374.750	1197.806	1929.981



Sample Name: ICB01 Acquired: 10/15/2019 13:16:33 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0003144	-.000497	.0006092	.0024730	-.000697	.0033641	.0009800
Stddev	.0039399	.001286	.0013236	.0031751	.002136	.0109445	.0001759
%RSD	1253.300	258.8686	217.2663	128.3900	306.3415	325.3284	17.95467

#1	-.000151	.000931	.0015568	.0004376	-.002199	.0121419	.0009438
#2	.004466	-.001565	-.000903	.0061316	-.001641	.0068489	.0011712
#3	-.003372	-.000856	.001174	.0008499	.001748	-.008898	.0008249

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000094	-.025561	.0004864	.0001256	-.000479	.0011022	-.000003
Stddev	.0000681	.012097	.0004473	.0000211	.000516	.0388769	.000318
%RSD	721.6475	47.32581	91.95810	16.80123	107.8307	3527.307	12704.93

#1	.0000677	-.039409	.0003653	.0001117	-.001025	.0187307	.000338
#2	-.000065	-.017053	.0009817	.0001499	-.000412	.0280418	-.000053
#3	.000026	-.020220	.0001121	.0001152	.000001	-.043466	-.000293

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004278	.0019952	-.000894	-.000063	-.000439	.0003430	-.006835
Stddev	.0004750	.0015750	.000471	.001599	.000322	.0003200	.006050
%RSD	111.0292	78.94157	52.62030	2518.541	73.29378	93.27882	88.51479

#1	.0004160	.0026606	-.001411	-.001456	-.000449	.0006280	-.013744
#2	-.000041	.0001967	-.000783	.001682	-.000113	.0004041	-.002486
#3	.000909	.0031283	-.000489	-.000416	-.000757	-.000003	-.004274

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003328	.0005095	-.000469	-.000031	-.000099	-.014728	-.002323
Stddev	.0007616	.0014678	.001022	.000037	.000127	.010447	.000531
%RSD	228.8275	288.0915	218.1281	120.1449	128.1823	70.93472	22.85272

#1	.0007106	-.000817	-.000472	-.000070	-.000238	-.024428	-.002751
#2	.0008317	.000259	-.001489	.000004	.000009	-.003667	-.001729
#3	-.000544	.002086	.000555	-.000027	-.000068	-.016089	-.002490



Sample Name: ICB01 Acquired: 10/15/2019 13:16:33 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.005019	-.012696	-.021644
Stddev	.003349	.011199	.036691
%RSD	66.73643	88.21040	169.5209

#1	-.008878	-.024565	-.006386
#2	-.002866	-.011208	.004956
#3	-.003313	-.002315	-.063502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.681	33688.35	5443.470	1195.919	1927.709
Stddev	3.515	26.07	14.483	5.578	1.952
%RSD	.1941414	.0773813	.2660637	.4664011	.1012407

#1	1811.961	33659.46	5427.340	1190.738	1929.031
#2	1813.377	33710.12	5455.359	1195.195	1928.628
#3	1806.705	33695.46	5447.711	1201.823	1925.467



Sample Name: CRI01 Acquired: 10/15/2019 13:20:38 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224040	.0410778	.0103175	.0225359	.0524802	.0922036
Stddev	.0030290	.0023624	.0017654	.0032538	.0024607	.0110913
%RSD	13.51973	5.751037	17.11085	14.43808	4.688821	12.02911

#1	.0251785	.0407022	.0121140	.0235644	.0551028	.1048268
#2	.0191725	.0389257	.0085849	.0251512	.0521155	.0840193
#3	.0228610	.0436055	.0102537	.0188922	.0502221	.0877648

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1062220	.0066362	2.080311	.0098947	.0311343	.0223931
Stddev	.0014231	.0001010	.026810	.0009081	.0002895	.0005265
%RSD	1.339751	1.521416	1.288726	9.177870	.9297279	2.350945

#1	.1046614	.0065769	2.049488	.0088474	.0310702	.0220128
#2	.1065565	.0067527	2.093231	.0103716	.0314505	.0221725
#3	.1074480	.0065788	2.098214	.0104650	.0308823	.0229940

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.076909	.0431240	.0108996	.0446516	.0441790	.0200243
Stddev	.060952	.0000920	.0002643	.0064366	.0006987	.0008281
%RSD	2.934731	.2132947	2.425208	14.41517	1.581590	4.135649

#1	2.020919	.0430200	.0105969	.0394257	.0443554	.0191245
#2	2.141836	.0431573	.0110847	.0426878	.0434090	.0207545
#3	2.067971	.0431947	.0110173	.0518414	.0447726	.0201940

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051049	.2161852	F .0093790	.0386096	.0393872	.0201424
Stddev	.0016221	.0004057	.0045195	.0004216	.0011249	.0006147
%RSD	1.543310	.1876735	48.18706	1.091996	2.855924	3.052007

#1	.1066015	.2163638	.0112575	.0381366	.0382247	.0204681
#2	.1053318	.2157208	.0126563	.0389458	.0394665	.0194334
#3	.1033812	.2164710	.0042232	.0387465	.0404702	.0205259



Sample Name: CRI01 Acquired: 10/15/2019 13:20:38 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218997	.0068616	.4006109	.0185793	.1089645	2.100962
Stddev	.0004413	.0001492	.0060705	.0004559	.0069029	.054215
%RSD	2.014885	2.175015	1.515308	2.453949	6.334995	2.580462

#1	.0213938	.0069855	.4052307	.0181664	.1025773	2.042588
#2	.0221010	.0069035	.4028666	.0190686	.1080287	2.110565
#3	.0222045	.0066959	.3937355	.0185030	.1162876	2.149734

Elem	K_7664
Units	ppm
Avg	2.019393
Stddev	.068230
%RSD	3.378718

#1	1.948765
#2	2.084940
#3	2.024475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.811	33714.91	5479.571	1200.701	1930.542
Stddev	1.764	48.48	30.667	6.922	3.929
%RSD	.0970945	.1438020	.5596605	.5765323	.2035135

#1	1816.510	33770.15	5459.258	1197.042	1929.985
#2	1818.706	33679.40	5464.607	1208.685	1934.720
#3	1815.217	33695.18	5514.847	1196.376	1926.921



Sample Name: ICSA01 Acquired: 10/15/2019 13:34:55 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0087926	.0177740	.0055175	-.012583	.0225759	257.4998
Stddev	.0069524	.0013470	.0010218	.003996	.0051067	4.1836
%RSD	79.07077	7.578188	18.51968	31.75498	22.62004	1.624684

#1	.0151638	.0167035	.0044466	-.016976	.0191160	252.9797
#2	.0098367	.0192864	.0056240	-.009167	.0284411	258.2837
#3	.0013772	.0173321	.0064819	-.011605	.0201706	261.2359

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071860	-.000941	237.9488	.0532022	-.000071	.0138080
Stddev	.0011373	.000293	3.5334	.0005827	.000620	.0010199
%RSD	15.82704	31.15909	1.484924	1.095216	873.7401	7.386298

#1	.0077034	-.000801	234.1804	.0538579	-.000574	.0137096
#2	.0058820	-.001278	238.4788	.0527438	-.000260	.0128410
#3	.0079727	-.000744	241.1872	.0530050	.000621	.0148736

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	252.1665	.0086441	-.003342	.0013330	.0096526	F .0356325
Stddev	4.3157	.0012391	.000456	.0023096	.0002200	.0021326
%RSD	1.711467	14.33462	13.65343	173.2683	2.279572	5.984967

#1	247.2681	.0100650	-.002852	-.001079	.0094994	.0376784
#2	253.8221	.0077883	-.003419	.003524	.0095537	.0357963
#3	255.4093	.0080790	-.003755	.001554	.0099048	.0334227

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396565	-.005968	F -.034391	-.007193	-.001342	.0053159
Stddev	.0056476	.000379	.003568	.001419	.001438	.0011562
%RSD	14.24131	6.345137	10.37444	19.72869	107.1017	21.74879

#1	.0331407	-.005570	-.030307	-.006931	-.002322	.0039984
#2	.0426821	-.006010	-.035964	-.008725	-.002014	.0057880
#3	.0431467	-.006323	-.036903	-.005924	.000308	.0061613



Sample Name: ICSA01 Acquired: 10/15/2019 13:34:55 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041645	-.001562	-.014686	-.007636	93.15474	.0130597
Stddev	.0004309	.000393	.017941	.001328	1.90824	.0118217
%RSD	10.34665	25.16730	122.1667	17.38577	2.048464	90.52090

#1	.0044911	-.001129	.000400	-.006441	91.03061	.0065946
#2	.0043262	-.001896	-.034525	-.009065	93.70941	.0058804
#3	.0036761	-.001662	-.009933	-.007403	94.72420	.0267040

Elem	K_7664
Units	ppm
Avg	-.031009
Stddev	.020136
%RSD	64.93473

#1	-.017681
#2	-.021175
#3	-.054173

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.720	31252.71	5414.882	1093.082	1648.803
Stddev	3.813	100.08	29.971	3.544	2.870
%RSD	.2255065	.3202174	.5534951	.3242492	.1740569

#1	1686.976	31196.78	5380.385	1089.665	1649.792
#2	1690.585	31368.25	5434.523	1092.841	1645.569
#3	1694.598	31193.10	5429.739	1096.741	1651.047



Sample Name: ICSAB01 Acquired: 10/15/2019 13:38:56 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.1038655	.0921745	.0521363	.0350578	.6308263	255.7946
Stddev	.0002224	.0033314	.0026519	.0118140	.0040908	4.6092
%RSD	.2140957	3.614239	5.086468	33.69856	.6484849	1.801901

#1	.1039156	.0938211	.0550137	.0376901	.6322887	250.4746
#2	.1036223	.0883404	.0497905	.0453336	.6339849	258.3235
#3	.1040585	.0943619	.0516046	.0221497	.6262053	258.5857

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149911	.4992964	236.4828	.5475654	.4916472	.5052956
Stddev	.0096793	.0045976	4.3460	.0067056	.0012165	.0094293
%RSD	1.879512	.9208172	1.837745	1.224624	.2474414	1.866085

#1	.5038455	.4975982	231.4657	.5536522	.4903178	.4945253
#2	.5198430	.5045016	239.0872	.5403773	.4927050	.5092988
#3	.5212849	.4957895	238.8954	.5486666	.4919188	.5120628

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	250.6230	.9777328	.2051816	.4921353	1.023935	F .0328218
Stddev	4.7261	.0034569	.0010360	.0078918	.006340	.0038519
%RSD	1.885759	.3535621	.5049295	1.603588	.6191978	11.73573

#1	245.1685	.9809867	.2054727	.4843963	1.017134	.0372488
#2	253.1997	.9781081	.2040312	.5001716	1.029683	.0309800
#3	253.5008	.9741035	.2060410	.4918381	1.024987	.0302365

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068008	1.039600	F -.035829	1.042520	1.005820	F .0031889
Stddev	.011531	.001852	.003481	.006378	.016868	.0004436
%RSD	1.079677	.1781924	9.714738	.6117582	1.677019	13.91127

#1	1.065732	1.040148	-.032205	1.045776	.986421	.0036177
#2	1.080508	1.037535	-.036137	1.046612	1.017038	.0032172
#3	1.057785	1.041117	-.039146	1.035171	1.014000	.0027318



Sample Name: ICSAB01 Acquired: 10/15/2019 13:38:56 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0036977	.9224087	.9812562	.4342365	92.77996	.0024991
Stddev	.0002432	.0010008	.0322676	.0022416	1.57687	.0027977
%RSD	6.577903	.1085029	3.288397	.5162246	1.699576	111.9457

#1	.0035721	.9230712	.9584017	.4367346	91.06220	.0005946
#2	.0039781	.9212574	.9671992	.4335745	93.11585	.0057112
#3	.0035430	.9228974	1.018168	.4324005	94.16181	.0011916

Elem	K_7664
Units	ppm
Avg	-.027964
Stddev	.028703
%RSD	102.6432

#1	-.058778
#2	-.001987
#3	-.023127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.753	31150.75	5425.219	1094.948	1650.227
Stddev	1.895	139.76	37.100	11.048	4.596
%RSD	.1121622	.4486714	.6838353	1.008957	.2785357

#1	1687.607	31018.06	5423.008	1107.424	1647.218
#2	1690.457	31296.65	5389.274	1086.407	1647.946
#3	1691.196	31137.53	5463.374	1091.013	1655.518



Sample Name: CCV01 Acquired: 10/15/2019 13:42:45 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.140515	5.128214	5.167998	5.154722	5.162665	10.21299	10.33943
Stddev	.024241	.031239	.016961	.015818	.021708	.17338	.16424
%RSD	.4715640	.6091660	.3282022	.3068667	.4204883	1.697687	1.588480

#1	5.145464	5.151957	5.187210	5.139800	5.171199	10.01313	10.15385
#2	5.114182	5.092825	5.155094	5.153059	5.137987	10.30266	10.39841
#3	5.161900	5.139861	5.161691	5.171305	5.178810	10.32318	10.46604

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2574862	25.47592	1.027959	2.562838	2.570276	25.46932	2.572726
Stddev	.0013959	.38513	.000395	.004510	.042478	.39512	.007259
%RSD	.5421270	1.511758	.0384409	.1759694	1.652677	1.551365	.2821597

#1	.2585607	25.03485	1.027511	2.567675	2.526745	25.01327	2.576967
#2	.2579894	25.64726	1.028110	2.558749	2.572466	25.68565	2.564344
#3	.2559084	25.74565	1.028258	2.562090	2.611617	25.70904	2.576868

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280757	2.561293	2.598674	5.139314	5.167538	5.167545	5.077723
Stddev	.002815	.030343	.016045	.019502	.018625	.013295	.008186
%RSD	.2197624	1.184687	.6174433	.3794610	.3604160	.2572869	.1612086

#1	1.277827	2.527154	2.611421	5.160080	5.189007	5.170887	5.087082
#2	1.283440	2.571536	2.580656	5.121388	5.157901	5.152897	5.071900
#3	1.281005	2.585190	2.603944	5.136473	5.155707	5.178850	5.074185

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113513	5.123180	5.125221	5.176998	2.596648	4.996096	1.279296
Stddev	.006164	.066308	.084352	.081430	.002026	.114914	.003066
%RSD	.1205464	1.294283	1.645826	1.572921	.0780143	2.300069	.2396428

#1	5.107013	5.054793	5.029239	5.085374	2.598951	4.876836	1.279852
#2	5.114253	5.127555	5.158860	5.204519	2.595852	5.005347	1.282045
#3	5.119275	5.187193	5.187563	5.241102	2.595142	5.106104	1.275990



Sample Name: CCV01 Acquired: 10/15/2019 13:42:45 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.101418	25.56522	25.47919
Stddev	.109402	.55247	.50589
%RSD	2.144538	2.161026	1.985503

#1	4.985301	24.93732	24.91984
#2	5.116392	25.78156	25.61300
#3	5.202562	25.97678	25.90472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.671	32523.66	5403.146	1156.647	1792.454
Stddev	4.495	48.38	26.353	5.792	4.396
%RSD	.2538409	.1487588	.4877392	.5007872	.2452663

#1	1769.480	32565.39	5375.425	1151.225	1788.270
#2	1775.642	32470.63	5406.137	1162.750	1797.035
#3	1766.892	32534.95	5427.876	1155.966	1792.057



Sample Name: LLCCV01 Acquired: 10/15/2019 13:46:27 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0210842	.0399048	.0111795	.0222222	.0532132	.1135435
Stddev	.0032066	.0010762	.0014507	.0039048	.0016483	.0070584
%RSD	15.20850	2.696937	12.97652	17.57150	3.097560	6.216456

#1	.0236436	.0391304	.0124549	.0239785	.0547499	.1169230
#2	.0174873	.0394502	.0114824	.0177477	.0534175	.1182769
#3	.0221217	.0411337	.0096013	.0249404	.0514723	.1054308

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068000	.0065983	2.101614	.0093640	.0306634	.0222736
Stddev	.0019711	.0001434	.052973	.0004381	.0001555	.0015162
%RSD	1.845587	2.173884	2.520581	4.678312	.5070634	6.807347

#1	.1046042	.0067300	2.043560	.0097836	.0307987	.0206357
#2	.1073792	.0064455	2.113952	.0089095	.0306980	.0236283
#3	.1084166	.0066193	2.147329	.0093990	.0304935	.0225568

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.102222	.0426074	.0111536	.0426067	.0448029	.0194550
Stddev	.034591	.0008115	.0006417	.0030721	.0006849	.0003713
%RSD	1.645438	1.904526	5.753591	7.210239	1.528785	1.908665

#1	2.063325	.0421546	.0118853	.0394913	.0441599	.0197481
#2	2.113813	.0421233	.0106863	.0456334	.0455232	.0195794
#3	2.129529	.0435442	.0108891	.0426955	.0447256	.0190374

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105028	.2166676	F .0109937	.0410714	.0404341	.0205023
Stddev	.0017794	.0006523	.0009624	.0002920	.0008817	.0018583
%RSD	1.610324	.3010661	8.754041	.7109416	2.180588	9.063800

#1	.1086621	.2170330	.0115799	.0408021	.0398981	.0184514
#2	.1122139	.2170553	.0098830	.0410302	.0399526	.0209811
#3	.1106324	.2159145	.0115182	.0413818	.0414517	.0220743



Sample Name: LLCCV01 Acquired: 10/15/2019 13:46:27 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220682	.0066944	.4152155	.0180628	.1028891	2.059298
Stddev	.0005541	.0001873	.0045963	.0003625	.0041353	.064809
%RSD	2.510708	2.798084	1.106958	2.007092	4.019168	3.147129

#1	.0214744	.0068407	.4099672	.0181393	.1001174	1.991105
#2	.0221589	.0064833	.4185232	.0176681	.1076423	2.066703
#3	.0225713	.0067593	.4171562	.0183810	.1009077	2.120087

Elem	K_7664
Units	ppm
Avg	2.025701
Stddev	.046230
%RSD	2.282153

#1	1.990358
#2	2.078018
#3	2.008727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.380	33288.19	5414.609	1200.233	1935.052
Stddev	3.754	34.39	21.505	8.636	2.116
%RSD	.2074814	.1033014	.3971731	.7195532	.1093674

#1	1806.085	33278.96	5396.896	1203.010	1936.121
#2	1808.588	33259.37	5408.393	1207.140	1932.614
#3	1813.467	33326.26	5438.537	1190.550	1936.420



Sample Name: CCB01 Acquired: 10/15/2019 13:50:32 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0030615	.0027709	.0014023	-.002846	-.000645	.0045640	.0005763
Stddev	.0019729	.0026201	.0008257	.006768	.001221	.0090774	.0004194
%RSD	64.44137	94.55611	58.88344	237.8386	189.3557	198.8930	72.76653

#1	.0035214	.0055835	.0022605	.002289	.000466	-.001870	.0002554
#2	.0008993	.0003994	.0013329	-.000310	-.000448	.014947	.0010508
#3	.0047638	.0023298	.0006135	-.010515	-.001953	.000615	.0004228

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001505	-.006849	-.000188	-.000126	.0003122	.0149951	.0000846
Stddev	.0000851	.006193	.000322	.000189	.0002812	.0203229	.0002542
%RSD	56.54852	90.41853	170.8939	150.1026	90.05360	135.5305	300.5938

#1	.0002258	.000166	-.000202	-.000270	.0005686	.0259109	-.000148
#2	.0001674	-.009154	.000140	-.000197	.0000115	-.008453	.000356
#3	.0000582	-.011559	-.000503	.000088	.0003566	.027528	.000046

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000111	-.000454	-.000704	.0008258	-.000306	.0006071	-.007629
Stddev	.000784	.004071	.000267	.0022343	.001538	.0004861	.002485
%RSD	708.5451	896.6857	37.99507	270.5615	502.7598	80.06517	32.57967

#1	.000453	-.001416	-.000620	.0018428	-.000411	.0001596	-.005123
#2	-.001007	-.003958	-.000488	.0023707	-.001788	.0011242	-.007670
#3	.000222	.004012	-.001003	-.001736	.001282	.0005374	-.010093

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005746	.0003956	.0006751	-.000001	-.000154	.0051224	-.000610
Stddev	.0005713	.0020668	.0008616	.000066	.000255	.0042391	.000401
%RSD	99.42825	522.4603	127.6207	6821.988	165.5898	82.75579	65.70625

#1	.0009731	.0017564	.0012022	.000026	.000030	.0100108	-.000950
#2	-.000080	-.001983	-.000319	.000048	-.000445	.0024594	-.000712
#3	.000831	.001413	.001142	-.000077	-.000047	.0028970	-.000168



Sample Name: CCB01 Acquired: 10/15/2019 13:50:32 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0011045	-.039571	-.019712
Stddev	.0053981	.012040	.029936
%RSD	488.7203	30.42577	151.8672

#1	-.000087	-.025743	-.052876
#2	.006999	-.047729	.005313
#3	-.003598	-.045241	-.011573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.210	33609.00	5398.637	1201.838	1945.366
Stddev	9.307	87.84	21.913	3.198	11.248
%RSD	.5113039	.2613501	.4059008	.2661321	.5782167

#1	1825.158	33545.21	5377.675	1201.973	1947.929
#2	1809.475	33572.60	5421.391	1204.966	1933.057
#3	1825.998	33709.18	5396.846	1198.574	1955.112



Sample Name: LR CHECK 1 Acquired: 10/15/2019 14:13:04 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764650	.1058158	.2393532	-.613730	.1075662	2070.438	.0122854
Stddev	.0067840	.0041369	.0064727	.013374	.0068407	67.773	.0005420
%RSD	3.844403	3.909498	2.704263	2.179163	6.359573	3.273360	4.411760

#1	.1692787	.1082998	.2325515	-.602252	.1042293	1993.025	.0124922
#2	.1827584	.1010402	.2400709	-.610520	.1154350	2099.215	.0116704
#3	.1773579	.1081073	.2454371	-.628417	.1030343	2119.074	.0126935

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084840	1758.465	.0794268	.0172939	-.004166	1841.612	.0882191
Stddev	.0012922	8.125	.0002020	.0009148	.001504	18.061	.0055738
%RSD	15.23053	.4620442	.2543502	5.289970	36.11063	.9807366	6.318124

#1	.0097077	1749.160	.0792534	.0163627	-.002433	1821.184	.0931277
#2	.0071328	1764.155	.0796486	.0181914	-.005136	1855.464	.0893699
#3	.0086115	1762.079	.0793785	.0173276	-.004929	1848.187	.0821598

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049293	-.010490	.1185898	.2189175	-.203264	-.001345	-.074413
Stddev	.000598	.004686	.0020543	.0015165	.017925	.000158	.016590
%RSD	1.213814	44.66777	1.732231	.6927453	8.818476	11.77481	22.29500

#1	-.049977	-.013502	.1208932	.2200391	-.182711	-.001311	-.057045
#2	-.048863	-.005091	.1169475	.2171920	-.215657	-.001517	-.090097
#3	-.049041	-.012875	.1179287	.2195213	-.211423	-.001206	-.076095

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040438	-.039412	.0518575	-.762629	-.047295	.0039097	-.080272
Stddev	.003581	.002784	.0027499	.004417	.000918	.0103281	.002239
%RSD	8.854639	7.064554	5.302806	.5791814	1.941225	264.1646	2.788815

#1	-.044491	-.041659	.0488334	-.757896	-.046235	.0068283	-.077782
#2	-.039120	-.036297	.0525311	-.763350	-.047797	-.007564	-.080915
#3	-.037703	-.040279	.0542081	-.766642	-.047852	.012465	-.082119



Sample Name: LR CHECK 1 Acquired: 10/15/2019 14:13:04 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 1 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	736.6439	1696.150	300.6359
Stddev	4.1656	15.872	1.4848
%RSD	.5654889	.9357734	.4938901

#1	732.2139	1683.039	299.3597
#2	737.2359	1713.796	300.2826
#3	740.4819	1691.616	302.2656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.776	24263.44	4806.911	865.3525	1479.735
Stddev	1.750	55.76	26.111	5.9094	4.257
%RSD	.1280518	.2297981	.5431892	.6828877	.2876794

#1	1367.560	24248.85	4825.983	860.4749	1474.821
#2	1367.996	24216.43	4777.152	863.6588	1482.307
#3	1364.770	24325.05	4817.598	871.9238	1482.076



Sample Name: LR CHECK 2 Acquired: 10/15/2019 14:17:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109672	.0059263	245.2628	.0682059	-.035355	-1.09118	102.1273
Stddev	.0039253	.0029504	.1850	.0045198	.002173	.01555	1.1963
%RSD	35.79112	49.78432	.0754432	6.626657	6.146040	1.425472	1.171385

#1	.0146646	.0034846	245.2211	.0681742	-.037712	-1.08236	100.7650
#2	.0113887	.0092046	245.1022	.0727414	-.033431	-1.08204	102.6102
#3	.0068481	.0050896	245.4652	.0637020	-.034924	-1.10914	103.0067

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002988	.3695566	-.100284	-.022465	47.36497	.0047339	45.72275
Stddev	.000109	.0089643	.000313	.000496	.43655	.0074357	.06380
%RSD	3.653336	2.425689	.3122909	2.206024	.9216791	157.0718	.1395329

#1	-.002877	.3765521	-.100368	-.022705	46.86191	.0125738	45.79093
#2	-.002991	.3594516	-.099937	-.022796	47.58859	-.002218	45.66449
#3	-.003096	.3726662	-.100546	-.021895	47.64440	.003846	45.71284

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114776	-.107160	34.28716	-1.08731	-.007965	-.014715	.0566607
Stddev	.0001145	.004536	.26274	.01713	.000982	.001139	.0084546
%RSD	.9972045	4.232892	.7662984	1.575386	12.32700	7.737694	14.92140

#1	.0115092	-.107307	33.98934	-1.10191	-.008345	-.014651	.0585567
#2	.0115730	-.111620	34.38596	-1.09157	-.008700	-.015885	.0640063
#3	.0113507	-.102552	34.48618	-1.06845	-.006850	-.013611	.0474191

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006231	-.007410	.0011293	.0020135	-.010329	-.004298	269.3444
Stddev	.001261	.001353	.0016831	.0000949	.000207	.009067	.2842
%RSD	20.22873	18.25975	149.0368	4.711611	2.000108	210.9500	.1055326

#1	-.005292	-.008299	-.000605	.0019720	-.010562	-.008290	269.0576
#2	-.007664	-.005853	.001237	.0019463	-.010168	.006080	269.3495
#3	-.005738	-.008078	.002756	.0021220	-.010257	-.010685	269.6260



Sample Name: LR CHECK 2 Acquired: 10/15/2019 14:17:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LR CHECK 2 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.654814	.8072618	.2715087
Stddev	.014343	.0040882	.0160563
%RSD	2.190347	.5064313	5.913737

#1	-.644976	.8025431	.2624424
#2	-.671271	.8097413	.2620363
#3	-.648194	.8095009	.2900475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1022.896	33732.12	5505.809	999.3143	1802.267
Stddev	3.427	113.41	4.312	9.0371	2.239
%RSD	.3350286	.3362044	.0783108	.9043271	.1242368

#1	1025.483	33825.95	5509.851	1008.614	1800.452
#2	1024.196	33606.09	5501.271	998.764	1804.769
#3	1019.010	33764.33	5506.305	990.565	1801.581



Sample Name: PB123978BS Acquired: 10/15/2019 14:21:27 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7973039	2.070626	1.035847	1.980305	.8135712	2.095450
Stddev	.0020862	.002936	.009444	.003787	.0017705	.037259
%RSD	.2616516	.1418146	.9117368	.1912548	.2176248	1.778097

#1	.7949882	2.068073	1.046104	1.983075	.8145965	2.055220
#2	.7990363	2.073835	1.033929	1.981850	.8115268	2.102359
#3	.7978874	2.069969	1.027510	1.975989	.8145904	2.128771

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2171678	.2085141	1.039206	.4063324	.2036750	.2150681
Stddev	.0040869	.0004784	.024173	.0095133	.0003272	.0049128
%RSD	1.881912	.2294097	2.326091	2.341268	.1606302	2.284313

#1	.2131680	.2090580	1.011561	.4102655	.2039910	.2095061
#2	.2169989	.2083255	1.049690	.4132485	.2036964	.2168830
#3	.2213366	.2081589	1.056367	.3954832	.2033377	.2188153

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.066905	.5123170	.0753936	.3157085	.2134987	5.699953
Stddev	.089884	.0010562	.0017308	.0069244	.0036214	.022236
%RSD	4.348703	.2061637	2.295680	2.193282	1.696223	.3901072

#1	1.983289	.5111407	.0765719	.3140241	.2140715	5.724196
#2	2.055465	.5131840	.0762025	.3097817	.2167996	5.680508
#3	2.161960	.5126264	.0734065	.3233196	.2096250	5.695154

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3111079	.4187402	F -.014780	.7032569	.2025055	.2097988
Stddev	.0012229	.0007283	.003980	.0024271	.0032777	.0050568
%RSD	.3930788	.1739355	26.92616	.3451164	1.618596	2.410327

#1	.3098123	.4180455	-.013013	.7043202	.2009170	.2041937
#2	.3122420	.4186771	-.019337	.7049708	.2003247	.2111841
#3	.3112695	.4194981	-.011990	.7004796	.2062749	.2140187



Sample Name: PB123978BS Acquired: 10/15/2019 14:21:27 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2112529	.2166623	.9340923	.3333120	3.180784	3.418265
Stddev	.0033938	.0004698	.0391445	.0008718	.063514	.100672
%RSD	1.606524	.2168423	4.190648	.2615541	1.996812	2.945121

#1	.2074784	.2164236	.8891014	.3342910	3.114845	3.305591
#2	.2122274	.2163598	.9603503	.3326194	3.185948	3.449839
#3	.2140529	.2172036	.9528252	.3330257	3.241559	3.499365

Elem	K_7664
Units	ppm
Avg	10.47373
Stddev	.30968
%RSD	2.956706

#1	10.11684
#2	10.63284
#3	10.67151

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.018	34237.90	5421.124	1193.860	1912.945
Stddev	2.188	713.02	18.829	16.349	6.298
%RSD	.1214915	2.082541	.3473303	1.369454	.3292294

#1	1799.283	33860.73	5400.645	1184.319	1906.595
#2	1800.293	33792.68	5437.688	1184.523	1913.051
#3	1803.476	35060.28	5425.040	1212.738	1919.190



Sample Name: PB123966BS Acquired: 10/15/2019 14:25:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7612039	1.979332	.9778267	1.821586	.7988235	2.011911
Stddev	.0042757	.002215	.0043870	.007219	.0042367	.119540
%RSD	.5617037	.1119278	.4486508	.3963295	.5303622	5.941593

#1	.7635028	1.979677	.9828448	1.814141	.7939737	1.875576
#2	.7638383	1.981355	.9759177	1.828557	.8006927	2.061388
#3	.7562705	1.976965	.9747177	1.822059	.8018042	2.098769

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079950	.1911282	1.006200	.4150284	.1983150	.2052449
Stddev	.0116035	.0040433	.072869	.0239135	.0006156	.0124299
%RSD	5.578721	2.115503	7.241969	5.761892	.3104050	6.056122

#1	.1946516	.1865689	.922490	.4416997	.1986345	.1909336
#2	.2136157	.1925372	1.040685	.3955011	.1976054	.2114560
#3	.2157178	.1942785	1.055426	.4078845	.1987051	.2133450

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.989511	.4959774	.0736994	.3046242	.2086804	5.375780
Stddev	.120876	.0006324	.0034473	.0178296	.0142467	.005562
%RSD	6.075671	.1274977	4.677458	5.852981	6.827030	.1034597

#1	1.852440	.4966820	.0775596	.2846195	.2243946	5.369654
#2	2.035248	.4954592	.0709281	.3104129	.1966085	5.380513
#3	2.080845	.4957910	.0726104	.3188401	.2050380	5.377172

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2868001	.4268012	F -.013455	.6969186	.2019196	.2050008
Stddev	.0095074	.0009809	.004110	.0018497	.0101501	.0144599
%RSD	3.314986	.2298272	30.54649	.2654065	5.026797	7.053567

#1	.2758480	.4257348	-.012809	.6966939	.1902367	.1883049
#2	.2929313	.4270040	-.017849	.6951916	.2085723	.2131994
#3	.2916209	.4276649	-.009706	.6988704	.2069496	.2134981



Sample Name: PB123966BS Acquired: 10/15/2019 14:25:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2049716	.2040515	.9507562	.3149058	3.058709	3.247454
Stddev	.0123832	.0016831	.0462602	.0026811	.111534	.104810
%RSD	6.041400	.8248179	4.865618	.8514044	3.646426	3.227453

#1	.1907100	.2024821	.8989973	.3127172	2.929931	3.128097
#2	.2112101	.2038436	.9652001	.3141037	3.121718	3.289796
#3	.2129949	.2058289	.9880711	.3178964	3.124477	3.324469

Elem	K_7664
Units	ppm
Avg	10.00655
Stddev	.31787
%RSD	3.176654

#1	9.65297
#2	10.09800
#3	10.26867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.198	33122.94	5460.025	1147.092	1901.119
Stddev	10.442	1687.45	164.369	70.484	10.787
%RSD	.5859174	5.094494	3.010414	6.144595	.5673876

#1	1779.777	31243.90	5649.595	1068.623	1893.814
#2	1773.179	34508.99	5373.275	1205.035	1896.034
#3	1793.638	33615.94	5357.204	1167.617	1913.508



Sample Name: PB123979BS Acquired: 10/15/2019 14:33:09 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7383459	1.902337	.9382212	1.760679	.7934715	1.965856
Stddev	.0052519	.007787	.0048853	.006823	.0040404	.032396
%RSD	.7113058	.4093221	.5207004	.3875440	.5092045	1.647952

#1	.7437698	1.900807	.9354263	1.761827	.7970227	1.931537
#2	.7379830	1.910775	.9438622	1.753354	.7943162	1.995907
#3	.7332849	1.895429	.9353751	1.766855	.7890755	1.970123

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2037251	.1873740	1.080104	.4012571	.1917614	.2000909
Stddev	.0049006	.0016058	.035623	.0193305	.0006633	.0053568
%RSD	2.405481	.8569984	3.298133	4.817482	.3458753	2.677200

#1	.1986908	.1856665	1.045668	.3926463	.1917424	.1940077
#2	.2040045	.1876016	1.116806	.4233966	.1924339	.2021618
#3	.2084800	.1888538	1.077837	.3877282	.1911078	.2041031

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966996	.4798198	.0711515	.2937771	.2075337	5.170062
Stddev	.078556	.0007299	.0030494	.0123153	.0092632	.007114
%RSD	3.993697	.1521131	4.285720	4.192071	4.463487	.1375919

#1	1.876961	.4802515	.0690463	.2803175	.2034934	5.169258
#2	2.002462	.4802308	.0746484	.2965324	.2181309	5.163384
#3	2.021565	.4789771	.0697598	.3044815	.2009769	5.177543

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2751148	.4230112	F .0699111	.6901628	.2003347	.1948090
Stddev	.0030607	.0007088	.0026602	.0006399	.0036519	.0044071
%RSD	1.112510	.1675676	3.805182	.0927222	1.822887	2.262290

#1	.2742895	.4230856	.0693302	.6894613	.1964805	.1904293
#2	.2725513	.4236799	.0675894	.6907147	.2007801	.1947546
#3	.2785034	.4222681	.0728138	.6903123	.2037434	.1992431



Sample Name: PB123979BS Acquired: 10/15/2019 14:33:09 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1999756	.1955440	.9013526	.3041803	2.982884	3.050230
Stddev	.0046191	.0002788	.0101199	.0003065	.067380	.072535
%RSD	2.309841	.1425672	1.122751	.1007549	2.258891	2.378002

#1	.1949045	.1955067	.9091917	.3044394	2.905294	2.966603
#2	.2010800	.1958395	.9049380	.3042596	3.026674	3.096067
#3	.2039425	.1952857	.8899280	.3038420	3.016683	3.088019

Elem	K_7664
Units	ppm
Avg	9.642538
Stddev	.211107
%RSD	2.189333

#1	9.403268
#2	9.802529
#3	9.721817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.220	33036.59	5385.823	1153.799	1892.412
Stddev	3.685	1314.20	38.684	36.077	2.409
%RSD	.2083885	3.978012	.7182468	3.126795	.1272802

#1	1764.914	33616.82	5406.269	1165.027	1889.780
#2	1767.553	31532.13	5409.993	1113.442	1894.507
#3	1772.192	33960.81	5341.207	1182.926	1892.949



Sample Name: PB123980BS Acquired: 10/15/2019 14:37:04 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7733000	2.000900	.9891947	1.855621	.8272361	2.025259
Stddev	.0032775	.009933	.0065146	.001684	.0063101	.123466
%RSD	.4238276	.4964517	.6585768	.0907626	.7627890	6.096329

#1	.7765393	1.989719	.9831178	1.857551	.8328100	1.883050
#2	.7733750	2.004273	.9883935	1.854444	.8285130	2.087628
#3	.7699857	2.008708	.9960729	1.854869	.8203852	2.105100

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2065966	.1938540	1.023553	.4075273	.2022247	.2080268
Stddev	.0136226	.0063468	.063540	.0008644	.0010064	.0134217
%RSD	6.593829	3.274030	6.207822	.2121112	.4976404	6.451904

#1	.1910900	.1865388	.950215	.4085235	.2011284	.1926483
#2	.2120624	.1971265	1.058343	.4069745	.2024392	.2140518
#3	.2166376	.1978967	1.062100	.4070840	.2031065	.2173802

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.984208	.5045628	.0724665	.3049834	.2049857	5.494294
Stddev	.166258	.0019531	.0005983	.0143555	.0014797	.023990
%RSD	8.379066	.3870843	.8255560	4.706986	.7218792	.4366342

#1	1.792277	.5023220	.0730089	.2888258	.2041732	5.472107
#2	2.083852	.5054625	.0725659	.3098559	.2066937	5.491024
#3	2.076496	.5059040	.0718248	.3162685	.2040902	5.519752

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919466	.4431936	F -.011055	.7238909	.2030726	.2012185
Stddev	.0123253	.0010094	.002420	.0027095	.0143414	.0151412
%RSD	4.221774	.2277530	21.89409	.3743026	7.062221	7.524740

#1	.2778938	.4440534	-.013374	.7237549	.1865397	.1837511
#2	.2970230	.4434451	-.011245	.7266660	.2121597	.2093023
#3	.3009231	.4420822	-.008545	.7212520	.2105184	.2106021



Sample Name: PB123980BS Acquired: 10/15/2019 14:37:04 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051277	.2065682	.9617729	.3170130	3.101231	3.200630
Stddev	.0126444	.0003760	.0280026	.0014616	.094719	.129263
%RSD	6.164169	.1820203	2.911565	.4610521	3.054254	4.038661

#1	.1906531	.2063256	.9294461	.3153262	2.997814	3.061043
#2	.2107078	.2063777	.9785538	.3178099	3.122111	3.224648
#3	.2140221	.2070013	.9773187	.3179030	3.183769	3.316199

Elem	K_7664
Units	ppm
Avg	10.07788
Stddev	.28445
%RSD	2.822513

#1	9.74967
#2	10.23081
#3	10.25314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.245	33867.01	5504.649	1161.316	1881.313
Stddev	7.107	154.81	161.612	5.105	.367
%RSD	.4019105	.4571129	2.935910	.4395859	.0195035

#1	1761.981	33765.17	5691.262	1161.208	1881.642
#2	1766.787	33790.70	5411.618	1156.266	1880.917
#3	1775.968	34045.16	5411.068	1166.474	1881.380



Sample Name: K5329-01 Acquired: 10/15/2019 14:41:00 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024575	.0050686	.0469405	.0127993	.0089624	.5555727	.0363888
Stddev	.0011883	.0010595	.0022302	.0037686	.0018197	.0218440	.0021649
%RSD	48.35581	20.90234	4.751105	29.44390	20.30369	3.931797	5.949348

#1	.0028025	.0038617	.0492629	.0084529	.0075181	.5316578	.0339010
#2	.0011348	.0054989	.0448157	.0151562	.0110062	.5744740	.0378446
#3	.0034352	.0058452	.0467430	.0147890	.0083629	.5605861	.0374207

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000001	42.14493	.0008266	.0012956	.3086270	5.105025	.0038254
Stddev	.0002283	1.89662	.0004641	.0002595	.0151552	.186849	.0012309
%RSD	336830.9	4.500230	56.14701	20.02666	4.910527	3.660091	32.17683

#1	.0002619	39.95569	.0006862	.0010925	.2911274	4.890485	.0049696
#2	-.000158	43.29042	.0004490	.0015879	.3174429	5.232084	.0039836
#3	-.000104	43.18868	.0013448	.0012065	.3173106	5.192507	.0025231

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000824	.0079710	.6380772	.6791778	.0404845	-.000862	3.737479
Stddev	.000785	.0016246	.0329935	.0028404	.0029704	.000491	.008915
%RSD	95.22915	20.38134	5.170771	.4182165	7.337234	56.90128	.2385163

#1	-.000305	.0068010	.6761674	.6806756	.0374602	-.001313	3.744069
#2	-.001728	.0072860	.6183798	.6809559	.0433980	-.000340	3.741033
#3	-.000440	.0098259	.6196845	.6759019	.0405953	-.000933	3.727336

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004466	.0237825	.0057562	.1191500	-.001347	7.850901	.0158803
Stddev	.000445	.0018170	.0005038	.0058297	.000197	.225980	.0005292
%RSD	9.959064	7.640019	8.751583	4.892745	14.59895	2.878397	3.332449

#1	-.004096	.0216845	.0051755	.1124250	-.001516	7.590825	.0153416
#2	-.004960	.0248204	.0060762	.1222546	-.001131	7.999306	.0163994
#3	-.004342	.0248427	.0060168	.1227704	-.001393	7.962572	.0158998



Sample Name: K5329-01 Acquired: 10/15/2019 14:41:00 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETTS- Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	19.21977	14.67742	2.766554
Stddev	.59770	.29416	.053862
%RSD	3.109838	2.004182	1.946882

#1	18.53197	14.33783	2.710412
#2	19.61320	14.85352	2.771449
#3	19.51413	14.84092	2.817801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.162	33836.01	5717.009	1205.498	1953.504
Stddev	5.121	1234.66	103.112	42.198	4.951
%RSD	.2779739	3.648964	1.803608	3.500426	.2534521

#1	1847.847	32410.60	5836.070	1156.773	1955.110
#2	1837.912	34525.28	5658.164	1229.618	1947.949
#3	1840.725	34572.15	5656.792	1230.102	1957.453



Sample Name: K5329-01DUP Acquired: 10/15/2019 14:45:01 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027151	.0046089	.0439551	.0072881	.0086276	.5597831	.0364556
Stddev	.0028990	.0021521	.0026551	.0075063	.0014221	.0243949	.0005328
%RSD	106.7735	46.69455	6.040492	102.9934	16.48329	4.357915	1.461426

#1	.0053781	.0050378	.0461446	.0065852	.0102584	.5841233	.0370443
#2	-.000373	.0065143	.0447188	.0001580	.0076454	.5598921	.0363163
#3	.003140	.0022747	.0410018	.0151211	.0079790	.5353339	.0360064

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	43.40606	.0009732	.0010923	.3145604	5.248576	.0033545
Stddev	.000022	.24359	.0001944	.0001176	.0028389	.046451	.0004350
%RSD	12.91446	.5611925	19.97611	10.76711	.9025108	.8850183	12.96907

#1	-.000177	43.68652	.0010588	.0010716	.3164066	5.286998	.0028545
#2	-.000188	43.28426	.0011101	.0009864	.3112914	5.261776	.0035619
#3	-.000146	43.24739	.0007507	.0012189	.3159832	5.196953	.0036470

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000451	.0041622	.6248485	.6847112	.0415060	-.001151	3.743607
Stddev	.000462	.0018678	.0049941	.0008542	.0005613	.000427	.011027
%RSD	102.5488	44.87587	.7992483	.1247517	1.352362	37.11483	.2945623

#1	-.000922	.0030610	.6248645	.6838781	.0408782	-.001493	3.739701
#2	-.000432	.0031068	.6298345	.6846707	.0419595	-.000672	3.735065
#3	.000002	.0063188	.6198464	.6855850	.0416803	-.001287	3.756056

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003783	.0235149	.0049523	.1238477	-.001903	7.971030	.0156140
Stddev	.000563	.0003183	.0004506	.0009231	.000175	.087035	.0010536
%RSD	14.87406	1.353676	9.098655	.7453811	9.178812	1.091895	6.747566

#1	-.003133	.0233658	.0054707	.1248770	-.001800	7.884516	.0168286
#2	-.004093	.0232984	.0046539	.1230931	-.002105	7.969995	.0149476
#3	-.004121	.0238804	.0047325	.1235730	-.001805	8.058578	.0150657



Sample Name: K5329-01DUP Acquired: 10/15/2019 14:45:01 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	19.35407	14.81051	2.741368
Stddev	.20259	.12573	.041549
%RSD	1.046749	.8488962	1.515644

#1	19.12773	14.67808	2.693839
#2	19.41605	14.82522	2.770802
#3	19.51842	14.92824	2.759461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.517	33979.59	5563.797	1221.255	1950.411
Stddev	8.440	52.83	82.340	4.386	10.327
%RSD	.4592893	.1554763	1.479926	.3591779	.5294656

#1	1847.087	34030.39	5469.043	1221.640	1962.283
#2	1831.140	33983.44	5604.379	1225.436	1945.439
#3	1834.323	33924.93	5617.968	1216.688	1943.510



Sample Name: K5329-01LX5 Acquired: 10/15/2019 14:49:00 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0016529	.0032417	.0190546	.0032951	.0018767	.0990198	.0082152
Stddev	.0020998	.0053098	.0020841	.0040258	.0013946	.0175107	.0007412
%RSD	127.0422	163.7973	10.93769	122.1759	74.31293	17.68402	9.022726

#1	.0001996	.0033086	.0208513	.0070583	.0029570	.0820031	.0084606
#2	.0040603	.0085177	.0167697	-.000950	.0023706	.1169858	.0073824
#3	.0006986	-.002101	.0195428	.003777	.0003023	.0980704	.0088026

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000116	7.892810	-.000178	-.000088	.0572190	.9474803	.0013634
Stddev	.000058	.091924	.000261	.000496	.0006146	.0174535	.0001975
%RSD	50.11225	1.164661	146.1263	565.3371	1.074161	1.842094	14.48853

#1	-.000087	7.786999	.000075	.000322	.0575925	.9531190	.0015913
#2	-.000182	7.938425	-.000164	-.000638	.0575548	.9614173	.0012586
#3	-.000078	7.953007	-.000446	.000053	.0565096	.9279044	.0012403

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000373	.0012201	.1153065	.1287669	.0019956	-.000553	.7043822
Stddev	.000149	.0055656	.0009976	.0011213	.0011089	.000302	.0061093
%RSD	39.92269	456.1706	.8651311	.8707597	55.56814	54.65846	.8673233

#1	-.000529	-.001335	.1164532	.1274781	.0007591	-.000471	.7046632
#2	-.000356	-.002609	.1146388	.1295184	.0029019	-.000300	.6981373
#3	-.000233	.007605	.1148276	.1293043	.0023259	-.000887	.7103462

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001837	.0037993	.0022083	.0229026	-.000596	1.388625	.0016575
Stddev	.000589	.0019141	.0027813	.0002764	.000017	.022595	.0001874
%RSD	32.08027	50.38110	125.9449	1.206804	2.839395	1.627176	11.30793

#1	-.001178	.0051644	.0052963	.0226235	-.000613	1.365437	.0018663
#2	-.002020	.0016113	-.000100	.0229080	-.000596	1.389860	.0015039
#3	-.002313	.0046222	.001428	.0231762	-.000579	1.410577	.0016022



Sample Name: K5329-01LX5 Acquired: 10/15/2019 14:49:00 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.465072	2.727493	.5194079
Stddev	.068784	.067859	.0205427
%RSD	1.985058	2.487966	3.955028

#1	3.388691	2.650475	.5182654
#2	3.484405	2.753512	.4994603
#3	3.522120	2.778492	.5404980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.577	33450.69	5435.230	1187.237	1911.414
Stddev	5.692	107.55	43.955	13.894	4.691
%RSD	.3162816	.3215050	.8087129	1.170278	.2454230

#1	1793.335	33349.34	5385.623	1174.036	1906.154
#2	1800.916	33439.21	5450.735	1185.941	1912.923
#3	1804.479	33563.51	5469.331	1201.734	1915.165



Sample Name: PB123967BS Acquired: 10/15/2019 14:56:50 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB123967BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7747033	2.011928	.9916452	1.882735	.8061368	2.091985
Stddev	.0048429	.005875	.0009635	.010271	.0025975	.029855
%RSD	.6251270	.2920138	.0971631	.5455214	.3222188	1.427123

#1	.7703700	2.012611	.9914010	1.878680	.8060731	2.061429
#2	.7799310	2.005741	.9908273	1.894414	.8087655	2.093440
#3	.7738089	2.017432	.9927073	1.875110	.8035717	2.121086

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2160126	.2019471	1.061352	.4139813	.2012607	.2150168
Stddev	.0031769	.0019363	.010357	.0013911	.0008689	.0029922
%RSD	1.470693	.9588013	.9758723	.3360198	.4317332	1.391603

#1	.2123626	.2007121	1.049408	.4148549	.2018923	.2115950
#2	.2175204	.2041786	1.066790	.4123772	.2002697	.2171417
#3	.2181549	.2009504	1.067857	.4147119	.2016200	.2163138

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.077184	.5046807	.0748870	.3186989	.2069059	5.540504
Stddev	.058874	.0020380	.0002569	.0112307	.0014710	.019766
%RSD	2.834321	.4038186	.3429992	3.523935	.7109615	.3567505

#1	2.025392	.5043292	.0749458	.3058093	.2082889	5.544494
#2	2.064946	.5028414	.0746058	.3239094	.2053603	5.519047
#3	2.141216	.5068716	.0751094	.3263780	.2070683	5.557970

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3104086	.4264010	F -.007464	.7041241	.2052678	.2075387
Stddev	.0046060	.0017492	.003737	.0010823	.0026648	.0034426
%RSD	1.483858	.4102120	50.06123	.1537111	1.298229	1.658784

#1	.3104400	.4259202	-.009026	.7034890	.2026303	.2035692
#2	.3149989	.4283403	-.003200	.7053738	.2052140	.2093400
#3	.3057870	.4249426	-.010167	.7035094	.2079592	.2097070



Sample Name: PB123967BS Acquired: 10/15/2019 14:56:50 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: PB123967BS Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2124018	.2116150	.9419279	.3258499	3.146380	3.173558
Stddev	.0033586	.0006461	.0252199	.0005162	.081142	.063042
%RSD	1.581268	.3053229	2.677472	.1584285	2.578905	1.986480

#1	.2085443	.2110190	.9335233	.3253538	3.072335	3.109978
#2	.2139840	.2123017	.9702768	.3263842	3.133682	3.174648
#3	.2146771	.2115242	.9219834	.3258117	3.233122	3.236048

Elem	K_7664
Units	ppm
Avg	10.22047
Stddev	.20201
%RSD	1.976484

#1	10.00712
#2	10.24547
#3	10.40881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.933	33507.24	5356.787	1186.279	1920.843
Stddev	2.977	61.95	43.835	5.494	5.906
%RSD	.1651204	.1848931	.8183121	.4631327	.3074897

#1	1799.787	33438.12	5364.552	1187.844	1916.478
#2	1805.706	33525.81	5309.588	1190.821	1927.564
#3	1803.306	33557.78	5396.221	1180.172	1918.489



Sample Name: CCV02 Acquired: 10/15/2019 15:00:44 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15601 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.164216	5.142889	5.124421	5.187389	5.190506	10.27665	10.26019
Stddev	.015703	.007702	.009038	.023290	.010382	.23980	.19327
%RSD	.3040792	.1497524	.1763620	.4489817	.2000112	2.333482	1.883702

#1	5.152381	5.138356	5.119741	5.179169	5.195802	9.99993	10.04089
#2	5.158236	5.138529	5.134839	5.169323	5.178545	10.40630	10.33398
#3	5.182031	5.151782	5.118684	5.213675	5.197173	10.42372	10.40569

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2589405	25.38419	1.011179	2.573395	2.576541	25.43611	2.578310
Stddev	.0013743	.52218	.003572	.003585	.042403	.45827	.003183
%RSD	.5307355	2.057109	.3532968	.1393092	1.645722	1.801649	.1234512

#1	.2590365	24.78862	1.007129	2.576162	2.527579	24.91503	2.581132
#2	.2602643	25.60048	1.013883	2.574679	2.600834	25.77642	2.578938
#3	.2575207	25.76348	1.012524	2.569345	2.601210	25.61689	2.574860

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275086	2.544713	2.609340	5.200670	5.203919	5.185202	5.112952
Stddev	.003595	.045603	.013881	.010093	.009947	.012966	.011500
%RSD	.2819085	1.792082	.5319732	.1940669	.1911530	.2500511	.2249161

#1	1.277699	2.493869	2.623650	5.189089	5.192799	5.177620	5.105632
#2	1.276571	2.558267	2.595932	5.207593	5.211973	5.177815	5.126207
#3	1.270986	2.582003	2.608439	5.205328	5.206984	5.200174	5.107018

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135435	5.055392	5.084098	5.172565	2.596837	4.972438	1.300500
Stddev	.014725	.104790	.108104	.095386	.003248	.133780	.001847
%RSD	.2867420	2.072832	2.126310	1.844070	.1250807	2.690438	.1420168

#1	5.125710	4.941517	4.960628	5.063261	2.593396	4.821659	1.299462
#2	5.152376	5.076899	5.129932	5.215471	2.597267	5.018733	1.302633
#3	5.128218	5.147759	5.161733	5.238963	2.599849	5.076922	1.299406



Sample Name: CCV02 Acquired: 10/15/2019 15:00:44 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15601 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.105076	25.40069	25.62537
Stddev	.113694	.61419	.51081
%RSD	2.227085	2.418025	1.993392

#1	4.977194	24.71853	25.04576
#2	5.143305	25.57378	25.82046
#3	5.194729	25.90977	26.00989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.146	32874.53	5424.941	1139.169	1781.774
Stddev	1.541	51.16	15.961	8.355	3.124
%RSD	.0874395	.1556318	.2942233	.7333882	.1753437

#1	1761.605	32819.13	5413.452	1129.604	1780.231
#2	1763.884	32884.47	5418.204	1145.040	1779.722
#3	1760.948	32919.99	5443.166	1142.862	1785.370



Sample Name: CCB02 Acquired: 10/15/2019 15:39:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15601 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021017	.0019740	.0031666	.0014979	-.000498	-.008417
Stddev	.0016851	.0023438	.0009038	.0023868	.002296	.005468
%RSD	80.17749	118.7308	28.54245	159.3433	461.3555	64.97003

#1	.0018843	.0011448	.0033154	-.000973	-.002858	-.012114
#2	.0005359	.0001576	.0021976	.003791	.001727	-.011000
#3	.0038850	.0046197	.0039868	.001676	-.000361	-.002135

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015490	-.000068	-.014915	.0000707	.0000600	-.000700
Stddev	.0007542	.000119	.014424	.0000160	.0003053	.000279
%RSD	48.69216	175.3726	96.71137	22.66068	508.7143	39.86105

#1	.0009711	.000032	.001165	.0000847	.0001480	-.000524
#2	.0024022	-.000200	-.026714	.0000742	.0003117	-.000555
#3	.0012736	-.000036	-.019195	.0000532	-.000280	-.001022

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011445	.0002291	-.000483	.0006951	-.002475	.0006158
Stddev	.0237028	.0002659	.000183	.0038090	.000386	.0007434
%RSD	2070.958	116.1006	37.97230	547.9591	15.57955	120.7220

#1	.0284848	.0001028	-.000310	.0024468	-.002760	.0004853
#2	-.013623	.0000498	-.000464	-.003675	-.002628	.0014158
#3	-.011428	.0005346	-.000675	.003313	-.002036	-.000054

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005206	.0003445	-.006041	-.002381	.0004519	-.002677
Stddev	.000907	.0002411	.001920	.000518	.0012780	.000773
%RSD	17.42665	70.00074	31.78340	21.76901	282.8049	28.88389

#1	-.004179	.0003736	-.004992	-.001822	.0016948	-.001998
#2	-.005539	.0000901	-.008257	-.002475	.0005195	-.003519
#3	-.005899	.0005697	-.004873	-.002846	-.000859	-.002514



Sample Name: CCB02 Acquired: 10/15/2019 15:39:11 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15601 Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.000022	-0.000185	.0007863	-0.001229	.0000017	F -0.026753
Stddev	.000035	.000128	.0155594	.000271	.0054099	.002204
%RSD	161.4199	68.89018	1978.731	22.05672	312570.8	8.237442

#1	-0.000015	-0.000088	-0.015933	-0.001537	.0062265	-0.029273
#2	.000009	-0.000138	.003451	-0.001025	-0.003564	-0.025188
#3	-0.000060	-0.000330	.014841	-0.001126	-0.002657	-0.025798

Elem	K_7664
Units	ppm
Avg	F -0.041653
Stddev	.007927
%RSD	19.02978

#1	-0.032509
#2	-0.045888
#3	-0.046563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.389	34368.89	5517.521	1231.153	2002.588
Stddev	4.456	108.02	45.846	7.382	3.693
%RSD	.2409669	.3142825	.8309095	.5996139	.1844041

#1	1853.926	34461.37	5466.257	1222.858	2003.929
#2	1849.224	34395.12	5554.589	1233.600	2005.423
#3	1845.018	34250.18	5531.719	1237.001	1998.412



Sample Name: K5329-01MS Acquired: 10/15/2019 15:43:15 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8083869	2.020128	1.012909	2.013675	.8052995	2.740887	.2554103
Stddev	.0039174	.011753	.003672	.006644	.0053373	.142975	.0140815
%RSD	.4845941	.5818155	.3625675	.3299337	.6627732	5.216365	5.513294

#1	.8081600	2.028981	1.015668	2.014683	.8041662	2.652148	.2471373
#2	.8045879	2.006793	1.008741	2.019757	.8006198	2.664692	.2474242
#3	.8124128	2.024609	1.014319	2.006585	.8111124	2.905821	.2716694

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2172367	42.39683	.4040672	.1994128	.5199961	7.174147	.5002501
Stddev	.0090655	2.27927	.0349166	.0005894	.0216005	.397085	.0019225
%RSD	4.173110	5.376036	8.641282	.2955696	4.153963	5.534942	.3843081

#1	.2102140	41.15350	.3675107	.2000432	.5053470	7.018938	.5016211
#2	.2140254	41.00960	.4370725	.1993198	.5098383	6.878110	.4980525
#3	.2274708	45.02739	.4076185	.1988754	.5448030	7.625395	.5010766

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0745274	.3269661	.7524575	6.476906	.3588858	.4117707	3.379525
Stddev	.0061507	.0179417	.0657389	.011257	.0132665	.0021781	.008076
%RSD	8.252948	5.487321	8.736563	.1738091	3.696582	.5289526	.2389589

#1	.0679860	.3153621	.6836948	6.476961	.3482384	.4094436	3.386766
#2	.0801936	.3179050	.8146844	6.488135	.3546713	.4121081	3.380993
#3	.0754026	.3476313	.7589932	6.465621	.3737475	.4137603	3.370816

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6873716	.2334089	.2188032	.3317367	.2096801	8.321268	.3416630
Stddev	.0016578	.0139902	.0150521	.0169188	.0005745	.118340	.0005837
%RSD	.2411747	5.993873	6.879281	5.100083	.2740030	1.422138	.1708315

#1	.6869205	.2271512	.2095187	.3230198	.2103222	8.249305	.3411122
#2	.6859861	.2236398	.2107209	.3209539	.2095038	8.256650	.3422748
#3	.6892082	.2494357	.2361699	.3512365	.2092144	8.457850	.3416020



Sample Name: K5329-01MS Acquired: 10/15/2019 15:43:15 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	20.60260	16.51419	13.05260
Stddev	.35343	.23949	.14168
%RSD	1.715471	1.450202	1.085452

#1	20.31811	16.28727	12.94268
#2	20.49144	16.49077	13.00263
#3	20.99825	16.76453	13.21250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.298	34291.96	5308.443	1216.601	1929.206
Stddev	4.857	2502.40	193.290	92.123	.925
%RSD	.2663965	7.297326	3.641178	7.572148	.0479702

#1	1828.768	36967.20	5377.694	1314.376	1930.073
#2	1819.489	32008.67	5457.567	1131.428	1929.313
#3	1821.636	33900.01	5090.067	1203.999	1928.232



Sample Name: K5329-01MSD Acquired: 10/15/2019 15:47:07 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7992361	2.015543	1.011318	2.018331	.8095422	2.616045	.2437936
Stddev	.0066200	.008591	.003673	.014173	.0072437	.006268	.0011262
%RSD	.8282914	.4262529	.3631614	.7021930	.8947928	.2395912	.4619522

#1	.7970682	2.014973	1.014331	2.032403	.8124370	2.608992	.2428210
#2	.7939719	2.007251	1.007227	2.004060	.8012987	2.620978	.2435324
#3	.8066683	2.024406	1.012396	2.018528	.8148909	2.618165	.2450275

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2112040	40.59852	.4092484	.1989171	.4984597	6.890920	.4982114
Stddev	.0015885	.33246	.0023421	.0005731	.0021889	.047978	.0018284
%RSD	.7521213	.8188967	.5722869	.2881226	.4391239	.6962486	.3669884

#1	.2126259	40.37198	.4119211	.1995789	.4959724	6.836163	.4998843
#2	.2114965	40.44339	.4082696	.1985853	.5000919	6.925586	.4962596
#3	.2094895	40.98019	.4075545	.1985870	.4993149	6.911012	.4984904

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748342	.3148401	.7663858	6.490826	.3481117	.4118114	3.377332
Stddev	.0003602	.0069004	.0028478	.013466	.0013292	.0018493	.013450
%RSD	.4813413	2.191732	.3715850	.2074580	.3818248	.4490686	.3982378

#1	.0751784	.3146227	.7658469	6.504642	.3474086	.4121142	3.385783
#2	.0744598	.3080509	.7694646	6.477740	.3472817	.4098293	3.361822
#3	.0748644	.3218466	.7638460	6.490096	.3496447	.4134906	3.384390

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6875214	.2232420	.2084358	.3175832	.2097663	8.212712	.3402039
Stddev	.0007545	.0014146	.0029166	.0011008	.0009394	.127420	.0010160
%RSD	.1097399	.6336574	1.399265	.3466050	.4478427	1.551500	.2986487

#1	.6882494	.2232022	.2064867	.3169712	.2106111	8.081920	.3403511
#2	.6867430	.2218477	.2070319	.3169245	.2099333	8.219749	.3391223
#3	.6875718	.2246760	.2117889	.3188540	.2087546	8.336469	.3411383



Sample Name: K5329-01MSD Acquired: 10/15/2019 15:47:07 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 001-WILLETS- Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	20.33632	16.25649	12.92209
Stddev	.36811	.32795	.32432
%RSD	1.810130	2.017326	2.509779

#1	19.96141	15.89223	12.57780
#2	20.35030	16.34895	12.96663
#3	20.69724	16.52827	13.22183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.427	33750.97	5456.252	1198.936	1924.836
Stddev	10.081	144.60	75.370	5.174	7.085
%RSD	.5534513	.4284202	1.381354	.4315189	.3680976

#1	1815.534	33585.17	5371.657	1193.182	1922.874
#2	1833.067	33850.88	5480.844	1200.423	1932.695
#3	1815.680	33816.87	5516.255	1203.204	1918.938



Sample Name: K5329-01A Acquired: 10/15/2019 15:50:57 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8077993	2.013714	1.007412	2.015921	.8106999	2.638904	.2449555
Stddev	.0012526	.002807	.002248	.004717	.0040731	.011432	.0016559
%RSD	.1550619	.1394006	.2231178	.2339925	.5024200	.4332160	.6760009

#1	.8064456	2.016624	1.008594	2.011964	.8063240	2.636527	.2446344
#2	.8080351	2.011023	1.004820	2.014658	.8143809	2.651338	.2434838
#3	.8089173	2.013495	1.008822	2.021141	.8113949	2.628847	.2467485

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116477	40.82554	.3979856	.1984742	.5032929	6.903153	.4964847
Stddev	.0027336	.32899	.0150649	.0008920	.0043361	.005656	.0011545
%RSD	1.291582	.8058348	3.785289	.4494246	.8615481	.0819313	.2325405

#1	.2147003	40.85934	.4059633	.1974957	.5008790	6.904987	.4977446
#2	.2094258	40.48096	.3806095	.1986851	.5007011	6.907664	.4962323
#3	.2108170	41.13633	.4073840	.1992419	.5082988	6.896808	.4954773

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733550	.3149906	.7474721	6.466577	.3479228	.4111131	3.382849
Stddev	.0028149	.0061751	.0319495	.015124	.0019741	.0009567	.012106
%RSD	3.837334	1.960419	4.274345	.2338732	.5673837	.2327059	.3578746

#1	.0749905	.3090746	.7545717	6.481087	.3492949	.4106124	3.394031
#2	.0701047	.3145015	.7125700	6.467737	.3456604	.4122162	3.369993
#3	.0749698	.3213958	.7752747	6.450907	.3488131	.4105106	3.384524

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6871492	.2235344	.2102060	.3196423	.2090127	8.192824	.3394187
Stddev	.0029985	.0012230	.0028270	.0005577	.0013185	.120026	.0005673
%RSD	.4363608	.5471009	1.344863	.1744673	.6308336	1.465014	.1671225

#1	.6880867	.2228852	.2116948	.3199290	.2103833	8.077926	.3395982
#2	.6895670	.2227731	.2069458	.3189996	.2089015	8.183154	.3387835
#3	.6837941	.2249451	.2119774	.3199983	.2077533	8.317393	.3398746



Sample Name: K5329-01A Acquired: 10/15/2019 15:50:57 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	20.35068	16.25973	12.94830
Stddev	.23619	.15000	.11185
%RSD	1.160600	.9225277	.8638155

#1	20.16342	16.10684	12.83112
#2	20.27259	16.26569	12.95986
#3	20.61602	16.40667	13.05392

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.494	34370.64	5433.372	1207.536	1921.965
Stddev	8.670	1076.06	50.472	39.753	5.264
%RSD	.4772897	3.130750	.9289210	3.292100	.2739021

#1	1825.172	33889.80	5375.175	1202.376	1926.684
#2	1816.480	35603.28	5465.152	1249.618	1922.923
#3	1807.832	33618.85	5459.790	1170.615	1916.287



Sample Name: K5329-02 Acquired: 10/15/2019 15:54:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 002-35TH-AVE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051830	.0051636	.0321620	.0110555	.0115140	.5568075	.0370541
Stddev	.0014645	.0035019	.0020288	.0024640	.0016302	.0751597	.0056281
%RSD	28.25541	67.81757	6.307940	22.28795	14.15827	13.49833	15.18894

#1	.0052946	.0060862	.0342908	.0082472	.0123363	.6435629	.0434023
#2	.0036659	.0012929	.0319442	.0120634	.0096364	.5114019	.0350849
#3	.0065884	.0081118	.0302508	.0128558	.0125693	.5154578	.0326752

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000216	43.47090	-.000467	.0009652	.3161589	5.235898	.0029745
Stddev	.000108	4.98236	.000033	.0006209	.0360937	.610956	.0010596
%RSD	50.09682	11.46137	6.958538	64.33130	11.41633	11.66860	35.62104

#1	-.000257	49.22392	-.000434	.0013539	.3578340	5.940256	.0032916
#2	-.000297	40.62508	-.000499	.0012926	.2949357	4.918043	.0038393
#3	-.000093	40.56370	-.000468	.0002491	.2957070	4.849396	.0017926

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000523	.0017384	.5679880	.6426612	.0390107	-.000729	3.518599
Stddev	.000456	.0037073	.0004430	.0024523	.0045763	.000341	.005930
%RSD	87.22870	213.2572	.0779920	.3815793	11.73098	46.81440	.1685252

#1	-.000808	.0023721	.5684189	.6398308	.0341393	-.001042	3.514905
#2	.000003	.0050881	.5680113	.6440046	.0396730	-.000779	3.515453
#3	-.000764	-.002245	.5675338	.6441482	.0432198	-.000365	3.525438

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003502	.0239680	.0078611	.1257289	-.001727	7.460137	.0161766
Stddev	.000611	.0037744	.0023133	.0163339	.000142	.039611	.0003522
%RSD	17.44946	15.74778	29.42707	12.99136	8.195019	.5309738	2.177077

#1	-.004207	.0283081	.0105060	.1445844	-.001887	7.502080	.0164281
#2	-.003178	.0221432	.0068616	.1166877	-.001676	7.454965	.0163277
#3	-.003121	.0214528	.0062155	.1159147	-.001618	7.423366	.0157741



Sample Name: K5329-02 Acquired: 10/15/2019 15:54:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 002-35TH-AVE Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	18.26426	13.87943	2.543426
Stddev	.15425	.09509	.015912
%RSD	.8445289	.6850813	.6256036

#1	18.44159	13.98921	2.529426
#2	18.19003	13.82621	2.540122
#3	18.16116	13.82288	2.560731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.054	34059.29	5232.345	1204.243	1946.506
Stddev	3.265	216.11	529.524	5.230	4.757
%RSD	.1783159	.6344982	10.12021	.4342737	.2443624

#1	1830.647	34277.79	4620.907	1201.334	1949.826
#2	1828.011	34054.41	5540.071	1201.116	1941.057
#3	1834.503	33845.66	5536.056	1210.281	1948.634



Sample Name: PB123966BL Acquired: 10/15/2019 16:02:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027390	.0010699	.0048870	.0024057	.0016621	-.013318
Stddev	.0021929	.0023598	.0004251	.0035635	.0009933	.010601
%RSD	80.06249	220.5554	8.698694	148.1246	59.76049	79.60063

#1	.0038282	-.001577	.0044216	.0046103	.0023359	-.004260
#2	.0002147	.001835	.0052548	.0043123	.0021289	-.024978
#3	.0041742	.002952	.0049846	-.001705	.0005214	-.010717

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025062	.0001069	-.015622	-.000301	-.000176	.0006140
Stddev	.0009482	.0000900	.012158	.001026	.000350	.0006707
%RSD	37.83542	84.15832	77.82385	340.6727	199.2726	109.2368

#1	.0026866	.0000060	-.028122	-.001379	-.000116	.0011982
#2	.0033513	.0001357	-.003837	-.000189	.000141	.0007622
#3	.0014807	.0001789	-.014908	.000664	-.000551	-.000118

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013203	.0000288	-.000007	.0023306	-.000317	.0014110
Stddev	.014517	.0005054	.000363	.0027692	.000071	.0021300
%RSD	109.9582	1754.178	5050.110	118.8227	22.32562	150.9543

#1	.003351	-.000503	-.000268	-.000771	-.000393	-.001043
#2	-.019193	.000503	.000408	.004554	-.000254	.002776
#3	-.023766	.000087	-.000161	.003208	-.000303	.002500

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003954	.0001612	-.002862	-.001727	.0013784	-.000675
Stddev	.001542	.0003199	.003965	.000591	.0020449	.001046
%RSD	39.01412	198.4545	138.5201	34.23331	148.3560	154.9510

#1	-.005391	.0000879	.000058	-.002341	.0027479	-.001881
#2	-.004146	-.000116	-.001269	-.001678	-.000972	-.000011
#3	-.002324	.000511	-.007376	-.001161	.002359	-.000133



Sample Name: PB123966BL Acquired: 10/15/2019 16:02:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000207	-.002107	-.000425	.0032283	F .0206233
Stddev	.000043	.000252	.008269	.000279	.0068215	.0047027
%RSD	314.7290	121.9052	392.5250	65.52853	211.3009	22.80287

#1	.000022	-.000395	.006105	-.000737	-.003010	.0242611
#2	-.000062	-.000304	-.010431	-.000200	.002183	.0153129
#3	-.000002	.000079	-.001994	-.000340	.010512	.0222959

Elem	K_7664
Units	ppm
Avg	F -.036219
Stddev	.046000
%RSD	127.0069

#1	-.046973
#2	.014206
#3	-.075889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.634	33769.60	5397.454	1162.181	1907.204
Stddev	3.896	48.06	80.669	7.030	3.193
%RSD	.2179170	.1423035	1.494581	.6048970	.1674126

#1	1783.503	33720.84	5312.387	1154.444	1904.662
#2	1788.156	33816.92	5472.855	1168.177	1906.162
#3	1791.242	33771.04	5407.119	1163.922	1910.787



Sample Name: PB123980BL Acquired: 10/15/2019 16:10:53 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031884	.0021252	.0033837	-.002094	.0005682	-.006243
Stddev	.0054115	.0023513	.0018684	.001254	.0019112	.008668
%RSD	169.7244	110.6371	55.21706	59.91189	336.3480	138.8303

#1	-.001110	-.000364	.0012626	-.002081	-.000098	-.014841
#2	.001410	.002430	.0041031	-.003354	-.000920	-.006382
#3	.009265	.004309	.0047855	-.000845	.002723	.002493

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026693	.0001518	-.005970	-.000142	-.000104	-.000546
Stddev	.0001587	.0001183	.007638	.000142	.000288	.000344
%RSD	5.944291	77.89209	127.9371	99.93880	277.0236	62.95787

#1	.0025431	.0001334	-.010945	-.000187	.000228	-.000231
#2	.0026173	.0002782	-.009790	-.000257	-.000248	-.000494
#3	.0028474	.0000439	.002824	.000017	-.000292	-.000913

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108751	.0004098	.0001036	.0006321	-.000789	-.001804
Stddev	.0160953	.0001467	.0003157	.0027685	.000156	.002836
%RSD	148.0010	35.80246	304.9067	437.9719	19.74910	157.1742

#1	-.006148	.0005548	.0003446	.0001244	-.000828	.000795
#2	.012928	.0004133	-.000254	.0036194	-.000922	-.001379
#3	.025846	.0002614	.000220	-.001847	-.000618	-.004828

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004798	-.000248	-.007403	-.000934	-.000370	-.000100
Stddev	.001332	.000301	.000848	.000801	.001289	.000464
%RSD	27.76641	121.2497	11.45190	85.73864	348.3032	464.5199

#1	-.005795	-.000207	-.006738	-.000186	-.001553	.000429
#2	-.005313	-.000567	-.008358	-.001779	-.000560	-.000439
#3	-.003285	.000030	-.007114	-.000837	.001003	-.000290



Sample Name: PB123980BL Acquired: 10/15/2019 16:10:53 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000335	.0000976	.0074943	-.000719	.0000080	F .0163229
Stddev	.0000429	.0000763	.0160670	.000480	.0086295	.0192550
%RSD	128.2272	78.16931	214.3889	66.81593	108580.4	117.9637

#1	.0000508	.0001662	-.009960	-.000204	-.009151	-.003914
#2	-.000015	.0000154	.010777	-.001155	.001187	.018465
#3	.000065	.0001113	.021667	-.000797	.007987	.034417

Elem	K_7664
Units	ppm
Avg	F -.046250
Stddev	.024616
%RSD	53.22440

#1	-.017846
#2	-.059519
#3	-.061385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.287	33442.44	5343.990	1185.113	1910.477
Stddev	8.186	149.51	64.232	8.713	6.142
%RSD	.4582867	.4470804	1.201945	.7352326	.3215010

#1	1777.561	33273.34	5269.821	1176.667	1904.448
#2	1787.503	33496.86	5381.049	1184.602	1910.257
#3	1793.798	33557.12	5381.099	1194.071	1916.726



Sample Name: PB123979BL Acquired: 10/15/2019 16:14:56 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008019	.0012537	.0042919	-.000156	.0028801	-.013300
Stddev	.0042407	.0010812	.0012487	.003514	.0015125	.011239
%RSD	528.8473	86.23762	29.09496	2248.210	52.51667	84.49905

#1	.0040708	.0019048	.0052951	-.002270	.0021670	-.001816
#2	-.003990	.0000057	.0046873	-.002099	.0046173	-.024276
#3	.002325	.0018508	.0028934	.003900	.0018559	-.013809

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027608	.0000110	-.005510	.0003397	.0003384	-.000828
Stddev	.0011297	.0000558	.006331	.0008165	.0001824	.000706
%RSD	40.91720	505.2997	114.9053	240.3180	53.88759	85.24581

#1	.0039802	-.000021	-.002223	-.000489	.0001521	-.001488
#2	.0017499	.000075	-.001498	.001144	.0005166	-.000083
#3	.0025525	-.000022	-.012808	.000364	.0003466	-.000914

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012340	.0001251	.0001967	.0018009	-.001253	.0000667
Stddev	.018759	.0010081	.0001469	.0034451	.000538	.0007572
%RSD	152.0140	805.8985	74.68391	191.3040	42.92958	1135.412

#1	-.033966	.0011798	.0001098	-.001744	-.001781	-.000800
#2	-.002591	-.000829	.0003663	.005136	-.001272	.000598
#3	-.000464	.000024	.0001140	.002011	-.000706	.000403

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004780	.0000879	F -.015201	-.001820	.0007584	-.000382
Stddev	.000599	.0003008	.004576	.000725	.0009459	.000971
%RSD	12.53081	342.1530	30.10569	39.81052	124.7260	254.3214

#1	-.004933	-.000076	-.019422	-.001553	-.000326	-.000255
#2	-.004119	.000435	-.015843	-.002641	.001414	-.001410
#3	-.005287	-.000096	-.010338	-.001268	.001187	.000519



Sample Name: PB123979BL Acquired: 10/15/2019 16:14:56 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000038	F -.015674	-.001328	.0013499	.0052518
Stddev	.000027	.000084	.006613	.000380	.0018856	.0141006
%RSD	171.9708	221.1941	42.18805	28.57084	139.6890	268.4913

#1	-.000036	-.000060	-.020754	-.001441	-.000824	-.008383
#2	.000015	.000055	-.018071	-.000905	.002324	.004363
#3	-.000028	-.000109	-.008197	-.001639	.002549	.019776

Elem	K_7664
Units	ppm
Avg	.0017091
Stddev	.0141243
%RSD	826.4320

#1	-.006293
#2	.018017
#3	-.006597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.529	33468.71	5349.488	1171.823	1916.398
Stddev	1.833	38.87	60.568	10.791	4.911
%RSD	.1024738	.1161427	1.132223	.9208843	.2562723

#1	1789.349	33513.49	5279.994	1164.600	1910.861
#2	1789.809	33448.99	5377.425	1166.642	1920.227
#3	1786.429	33443.65	5391.047	1184.228	1918.105



Sample Name: PB123980TB Acquired: 10/15/2019 16:18:59 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment: SPLP

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005682	.0010141	.0032930	.0011453	.0005447	.0003398
Stddev	.0033379	.0058734	.0023776	.0019132	.0023039	.0134895
%RSD	587.4920	579.1464	72.20047	167.0451	422.9262	3969.986

#1	-.000315	.0006143	.0032696	.0020478	.0014884	-.005878
#2	.004259	.0070773	.0056823	.0024404	-.002081	-.008920
#3	-.002239	-.004649	.0009273	-.001052	.002227	.015817

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025098	.0001451	-.004372	-.000107	-.000103	-.000193
Stddev	.0003170	.0000194	.003265	.001126	.000201	.000497
%RSD	12.62910	13.39961	74.66916	1056.361	195.7689	256.6798

#1	.0021569	.0001586	-.000646	.000151	-.000083	-.000002
#2	.0027703	.0001228	-.005739	-.001339	-.000313	.000179
#3	.0026023	.0001539	-.006732	.000868	.000088	-.000757

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060678	.0001952	.0003181	-.001113	-.000967	-.000571
Stddev	.0220374	.0006044	.0003170	.003531	.000045	.001836
%RSD	363.1875	309.7002	99.66265	317.3004	4.668347	321.5632

#1	.0313710	.0008160	.0005151	-.004669	-.000995	.000871
#2	-.004248	.0001611	.0004868	-.001064	-.000915	.000054
#3	-.008920	-.000391	-.000048	.002394	-.000991	-.002638

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005119	-.000384	-.007203	-.001127	-.000394	.0002411
Stddev	.000789	.000095	.004093	.000866	.001242	.0028262
%RSD	15.41105	24.77258	56.82260	76.81234	315.2240	1172.173

#1	-.004762	-.000287	-.005692	-.001091	.000397	-.002952
#2	-.006023	-.000386	-.004081	-.002010	-.001825	.002423
#3	-.004571	-.000477	-.011837	-.000280	.000246	.001252



Sample Name: PB123980TB Acquired: 10/15/2019 16:18:59 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment: SPLP

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000305	-.000028	-.003041	-.000863	.0002992	F .0146882
Stddev	.0000603	.000272	.007023	.000392	.0029139	.0040057
%RSD	197.8657	963.9715	230.9697	45.40193	973.8252	27.27158

#1	.0000883	-.000273	-.009715	-.001037	.0035324	.0102980
#2	.0000351	-.000077	-.003694	-.001136	-.000511	.0181443
#3	-.000032	.000265	.004286	-.000414	-.002124	.0156223

Elem	K_7664
Units	ppm
Avg	F -.064954
Stddev	.037837
%RSD	58.25195

#1	-.108643
#2	-.042831
#3	-.043387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.939	33473.85	5384.481	1168.924	1913.108
Stddev	3.955	52.07	19.136	8.604	7.784
%RSD	.2213286	.1555461	.3553922	.7360376	.4068635

#1	1791.505	33524.96	5369.876	1174.589	1916.220
#2	1784.570	33420.88	5377.425	1173.158	1918.854
#3	1784.743	33475.72	5406.144	1159.023	1904.250



Sample Name: PB123978BL Acquired: 10/15/2019 16:23:01 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011039	.0013846	.0037857	-.001612	.0005513	-.008484
Stddev	.0046336	.0024368	.0025897	.002500	.0037995	.007974
%RSD	419.7720	176.0019	68.40797	155.0339	689.2430	93.99026

#1	.0022333	.0041804	.0064054	-.003024	.0039317	.000575
#2	-.003990	.0002618	.0037245	-.003087	-.003561	-.011588
#3	.005068	-.000289	.0012271	.001274	.001283	-.014438

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026878	.0000760	-.023673	-.000164	.0000760	-.000779
Stddev	.0001996	.0001280	.005895	.001032	.0002242	.000291
%RSD	7.425239	168.4525	24.90115	627.6384	294.9110	37.35000

#1	.0026937	.0001181	-.030324	-.001274	-.000172	-.001030
#2	.0024854	.0001776	-.021603	.000015	.000264	-.000846
#3	.0028844	-.000068	-.019092	.000766	.000137	-.000460

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005733	.0002711	.0005027	-.000225	-.001512	.0013801
Stddev	.010789	.0005689	.0003699	.002131	.000301	.0019386
%RSD	188.1821	209.8671	73.57946	947.3309	19.88903	140.4631

#1	-.017611	.0008124	.0001477	-.002386	-.001284	.0036135
#2	.003460	-.000322	.0004746	.001875	-.001399	.0003948
#3	-.003049	.000323	.0008859	-.000164	-.001853	.0001321

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004608	-.000152	-.006659	-.002551	.0012447	-.001048
Stddev	.000630	.000253	.002320	.000937	.0010451	.000607
%RSD	13.67565	166.3915	34.84330	36.72992	83.96134	57.96700

#1	-.005307	-.000423	-.004249	-.003626	.0002434	-.000437
#2	-.004082	-.000110	-.008877	-.001906	.0023286	-.001651
#3	-.004437	.000077	-.006849	-.002122	.0011620	-.001055



Sample Name: PB123978BL Acquired: 10/15/2019 16:23:01 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	-.000075	.0012696	-.001581	.0034103	.0070942
Stddev	.000063	.000078	.0105518	.000382	.0121628	.0115702
%RSD	128.9379	104.1412	831.1187	24.16831	356.6469	163.0949

#1	-.000017	-.000153	-.010274	-.001672	.0173190	-.005690
#2	-.000008	.000003	.003665	-.001909	-.001857	.010127
#3	-.000121	-.000076	.010417	-.001161	-.005231	.016846

Elem	K_7664
Units	ppm
Avg	F -.062470
Stddev	.045085
%RSD	72.17007

#1	-.106684
#2	-.016562
#3	-.064164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.423	33602.58	5374.383	1169.415	1911.405
Stddev	4.799	130.91	21.481	1.088	2.801
%RSD	.2686477	.3895829	.3996858	.0930441	.1465637

#1	1780.917	33480.90	5386.898	1168.811	1910.182
#2	1789.722	33741.09	5349.580	1168.763	1914.610
#3	1788.629	33585.75	5386.673	1170.671	1909.424



Sample Name: PB123967BL Acquired: 10/15/2019 16:27:02 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029271	.0011971	.0035160	-.003075	.0008619	-.003725
Stddev	.0015662	.0004652	.0026631	.002516	.0004684	.002124
%RSD	53.50700	38.86506	75.74180	81.81229	54.34578	57.01637

#1	.0037729	.0016754	.0037543	-.000171	.0010663	-.003950
#2	.0038884	.0011695	.0007418	-.004475	.0011933	-.001497
#3	.0011198	.0007462	.0060520	-.004579	.0003260	-.005727

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021069	.0000184	.0003424	.0001748	.0000419	-.000723
Stddev	.0005418	.0000845	.0147128	.0004661	.0000219	.000358
%RSD	25.71355	459.5717	4297.286	266.6528	52.27116	49.52472

#1	.0021278	.0001129	-.011663	-.000284	.0000461	-.000382
#2	.0015550	-.000008	-.004066	.000160	.0000613	-.001096
#3	.0026380	-.000050	.016755	.000648	.0000182	-.000691

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021703	.0002410	-.000560	.0040228	-.001230	-.001905
Stddev	.043192	.0004775	.000696	.0017467	.000343	.001690
%RSD	199.0135	198.1324	124.2820	43.41943	27.88032	88.71914

#1	-.007336	-.000233	.000074	.0053206	-.001625	-.000470
#2	-.070248	.000721	-.001305	.0047108	-.001015	-.001477
#3	.012474	.000235	-.000449	.0020369	-.001049	-.003768

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005221	-.000321	-.006566	-.002019	-.000480	-.001332
Stddev	.001447	.000495	.003690	.000735	.000427	.000605
%RSD	27.71914	154.5283	56.19351	36.39129	89.00536	45.43452

#1	-.003556	-.000808	-.004853	-.002301	-.000506	-.001030
#2	-.006180	-.000335	-.004043	-.001185	-.000894	-.002029
#3	-.005927	.000182	-.010800	-.002572	-.000040	-.000937



Sample Name: PB123967BL Acquired: 10/15/2019 16:27:02 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000231	-.000146	F .0128231	-.001837	.0020652	-.000015
Stddev	.0000112	.000201	.0228211	.000373	.0014683	.008164
%RSD	48.68000	137.9057	177.9692	20.29254	71.09786	55933.24

#1	.0000256	.000063	.0013394	-.001532	.0021086	-.008343
#2	.0000329	-.000161	-.001975	-.002253	.0005757	.007975
#3	.0000108	-.000338	.039105	-.001728	.0035114	.000324

Elem	K_7664
Units	ppm
Avg	F -.062585
Stddev	.004398
%RSD	7.027563

#1	-.067512
#2	-.059056
#3	-.061186

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.236	33816.40	5420.741	1178.224	1914.330
Stddev	5.892	609.58	42.722	17.931	7.302
%RSD	.3290999	1.802624	.7881281	1.521885	.3814396

#1	1784.903	33402.73	5385.498	1175.443	1907.607
#2	1796.561	34516.44	5408.468	1197.383	1922.098
#3	1789.245	33530.04	5468.256	1161.846	1913.285



Sample Name: CCV03 Acquired: 10/15/2019 16:31:06 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.170121	5.117631	5.097706	5.214899	5.186114	10.28448	10.27427
Stddev	.007815	.020105	.021457	.034827	.011757	.26045	.22876
%RSD	.1511516	.3928621	.4209185	.6678460	.2266982	2.532465	2.226551

#1	5.171813	5.138539	5.105550	5.234547	5.196825	10.00762	10.02225
#2	5.161599	5.098438	5.073431	5.174688	5.173535	10.32118	10.33174
#3	5.176951	5.115917	5.114138	5.235464	5.187983	10.52463	10.46882

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2607641	25.40794	1.021057	2.556167	2.571428	25.55565	2.557457
Stddev	.0008086	.58105	.007002	.006749	.055848	.57490	.011269
%RSD	.3100847	2.286902	.6857201	.2640461	2.171854	2.249600	.4406282

#1	.2614464	24.77122	1.019487	2.557651	2.509646	24.97700	2.565972
#2	.2598710	25.54309	1.014975	2.548799	2.586313	25.56323	2.544678
#3	.2609749	25.90951	1.028711	2.562051	2.618325	26.12673	2.561720

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282868	2.532786	2.621974	5.205036	5.181947	5.199994	5.108360
Stddev	.008203	.045885	.001204	.023010	.015737	.012899	.014719
%RSD	.6394280	1.811656	.0459249	.4420800	.3036829	.2480508	.2881445

#1	1.277604	2.490436	2.623312	5.227132	5.165998	5.205271	5.098462
#2	1.278680	2.526387	2.621629	5.181209	5.182381	5.185294	5.101342
#3	1.292319	2.581536	2.620979	5.206767	5.197463	5.209418	5.125275

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133616	5.016915	5.066176	5.189172	2.569877	4.864958	1.297650
Stddev	.002199	.093849	.115651	.116408	.005298	.105642	.005117
%RSD	.0428424	1.870659	2.282807	2.243286	.2061596	2.171492	.3943388

#1	5.131106	4.922280	4.938699	5.059615	2.565168	4.750478	1.291773
#2	5.135205	5.018505	5.095456	5.222930	2.568851	4.885716	1.300055
#3	5.134537	5.109959	5.164373	5.284969	2.575613	4.958681	1.301122



Sample Name: CCV03 Acquired: 10/15/2019 16:31:06 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.038484	25.03278	25.38194
Stddev	.074890	.54286	.57172
%RSD	1.486355	2.168590	2.252480

#1	4.956023	24.43974	24.74639
#2	5.057165	25.15344	25.54505
#3	5.102266	25.50515	25.85439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.522	32482.01	5369.192	1126.035	1781.140
Stddev	4.088	181.16	12.530	5.992	6.644
%RSD	.2332603	.5577169	.2333720	.5321736	.3730160

#1	1748.129	32619.26	5383.420	1131.842	1774.735
#2	1756.214	32550.10	5364.352	1126.392	1787.999
#3	1753.222	32276.67	5359.803	1119.873	1780.686



Sample Name: CCB03 Acquired: 10/15/2019 16:34:48 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	-.000621	.0010871	.0054306	-.001919	.0000900	-.013120
Stddev	.002903	.0032913	.0011717	.005453	.0011449	.001563
%RSD	467.2640	302.7569	21.57519	284.1146	1272.703	11.91039

#1	-.000632	.0048812	.0055770	-.008140	.0008560	-.012960
#2	.002287	-.000619	.0041926	.002036	.0006400	-.011644
#3	-.003519	-.001001	.0065222	.000346	-.001226	-.014757

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022887	-.000011	-.002405	-.000174	.0000472	-.000204
Stddev	.0006874	.000192	.014210	.000367	.0006139	.000457
%RSD	30.03358	1718.809	590.8757	211.3309	1300.057	223.9955

#1	.0015873	-.000184	-.009420	.000123	-.000407	.000153
#2	.0023178	-.000046	-.011744	-.000584	.000746	-.000719
#3	.0029611	.000196	.013949	-.000060	-.000197	-.000046

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015400	.0002123	-.000163	.0025228	-.000099	.0000400
Stddev	.052360	.0003315	.000602	.0055801	.000535	.0008584
%RSD	339.9974	156.1532	369.1931	221.1889	539.2982	2144.717

#1	-.075506	.0003898	.000350	.0043797	.000445	-.000922
#2	.020310	.0004173	-.000825	.0069377	-.000118	.000728
#3	.008995	-.000170	-.000013	-.003749	-.000624	.000315

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015303	.0011755	-.007640	.0000492	.0002389	-.001034
Stddev	.0001698	.0004322	.004380	.0010300	.0005358	.001063
%RSD	11.09890	36.76721	57.32994	2094.812	224.3262	102.8518

#1	.0013767	.0016596	-.002866	.0011733	.0008510	-.001867
#2	.0015014	.0008281	-.011473	-.000177	-.000145	.000164
#3	.0017127	.0010390	-.008582	-.000849	.000011	-.001398



Sample Name: CCB03 Acquired: 10/15/2019 16:34:48 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001123	-.000070	.0049759	-.001703	-.000738	-.003497
Stddev	.0000799	.000094	.0272918	.000171	.002387	.004364
%RSD	71.15354	134.1632	548.4820	10.04973	323.4623	124.8095

#1	.0001019	-.000014	.0334534	-.001808	.001935	-.003073
#2	.0001968	-.000017	-.020951	-.001505	-.001493	-.008057
#3	.0000381	-.000179	.002426	-.001796	-.002656	.000640

Elem	K_7664
Units	ppm
Avg	F -.058306
Stddev	.041445
%RSD	71.08143

#1	-.035606
#2	-.033171
#3	-.106141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1788.627	33593.90	5366.752	1180.744	1913.651
Stddev	3.645	111.91	17.950	17.716	1.456
%RSD	.2037927	.3331230	.3344579	1.500441	.0760795

#1	1791.205	33541.92	5346.081	1160.963	1915.318
#2	1790.219	33722.35	5375.775	1186.117	1912.629
#3	1784.456	33517.44	5378.399	1195.152	1913.006



Sample Name: PB123978TB Acquired: 10/15/2019 16:38:52 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0026562	-.001906	.0023786	-.001804	.0007385	-.006991
Stddev	.0008476	.002435	.0015729	.001328	.0022918	.007943
%RSD	31.90928	127.7823	66.12813	73.64551	310.3504	113.6134

#1	.0016784	-.002879	.0020393	-.000530	.0029749	-.016147
#2	.0031817	.000866	.0040935	-.003181	-.001605	-.002887
#3	.0031086	-.003704	.0010030	-.001700	.000845	-.001941

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012496	-.000043	.0114776	.0006496	-.000091	.0000020
Stddev	.0009131	.000130	.0045183	.0004780	.000083	.0004277
%RSD	73.07073	304.6092	39.36659	73.58782	92.04023	21049.95

#1	.0006191	-.000041	.0148612	.0010215	.000002	.0004377
#2	.0022968	-.000173	.0063465	.0008170	-.000161	-.000014
#3	.0008330	.000086	.0132250	.0001104	-.000113	-.000417

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011269	.0053222	.0016864	.0004484	.0028097	-.000691
Stddev	.006606	.0004751	.0008336	.0010058	.0002314	.002177
%RSD	58.62233	8.927682	49.42867	224.2957	8.237272	315.1253

#1	-.013279	.0050714	.0007592	.0006053	.0030110	.001706
#2	-.016636	.0058702	.0023738	-.000627	.0028615	-.002545
#3	-.003891	.0050249	.0019261	.001367	.0025568	-.001233

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018841	.0006314	F .1120971	-.000711	.0001225	-.000459
Stddev	.0017292	.0001347	.0048598	.000182	.0012384	.001510
%RSD	91.77911	21.33846	4.335363	25.67032	1010.909	329.2038

#1	.0024471	.0007843	.1127071	-.000845	-.000024	-.002077
#2	.0032616	.0005299	.1069610	-.000503	-.001036	.000912
#3	-.000056	.0005801	.1166230	-.000784	.001428	-.000211



Sample Name: PB123978TB Acquired: 10/15/2019 16:38:52 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000755	-.000165	.0065986	-.001228	.0039286	F 330.8888
Stddev	.0000666	.000248	.0151963	.000383	.0071628	10.2565
%RSD	88.16177	150.7665	230.2967	31.16766	182.3241	3.099689

#1	.0000786	-.000134	-.001414	-.001401	-.004335	319.6047
#2	.0001405	.000067	.024124	-.001493	.007757	333.4168
#3	.0000074	-.000427	-.002915	-.000789	.008363	339.6449

Elem	K_7664
Units	ppm
Avg	F -.011271
Stddev	.023397
%RSD	207.5914

#1	.011514
#2	-.035235
#3	-.010091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.139	30126.65	5586.499	1054.680	1709.070
Stddev	4.081	599.63	250.001	25.415	1.477
%RSD	.2401788	1.990365	4.475094	2.409767	.0864221

#1	1694.484	30818.61	5854.054	1083.778	1707.918
#2	1702.103	29801.82	5358.853	1043.431	1710.735
#3	1700.830	29759.52	5546.591	1036.830	1708.555



Sample Name: PB123979TB Acquired: 10/15/2019 16:43:03 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0021602	-.004016	.0011508	-.001367	.0007161	-.004906	.0008680
Stddev	.0028645	.002466	.0024388	.002978	.0024734	.008193	.0006105
%RSD	132.5987	61.40442	211.9250	217.8900	345.3898	166.9859	70.32730

#1	.0047070	-.006701	-.000805	-.004515	.0029197	-.005715	.0004490
#2	.0027146	-.003491	.003884	-.000991	-.001959	.003661	.0005867
#3	-.000941	-.001854	.000374	.001406	.001188	-.012665	.0015685

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	.0158983	-.000034	-.000076	-.000119	.0075960	.0034984
Stddev	.000149	.0106867	.000414	.000259	.000561	.0186675	.0003331
%RSD	154.5714	67.21898	1234.732	340.4614	473.2123	245.7553	9.521337

#1	.000044	.0037518	-.000034	.000193	.000425	-.012238	.0038737
#2	-.000081	.0238560	.000381	-.000324	-.000084	.010203	.0033838
#3	-.000253	.0200870	-.000447	-.000098	-.000696	.024823	.0032378

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005688	.0055813	.0024760	.0013557	.0000420	.0002805	-.002377
Stddev	.0003676	.0020885	.0001303	.0007388	.0017101	.0002257	.005123
%RSD	64.63210	37.41999	5.264317	54.49674	4067.275	80.48529	215.4719

#1	.0005024	.0052104	.0023401	.0005565	.0001435	.0001873	-.007919
#2	.0009652	.0078304	.0024881	.0020138	-.001716	.0005378	.002185
#3	.0002389	.0037031	.0025999	.0014967	.001699	.0001162	-.001399

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001351	-.000402	.0009345	-.000013	-.000234	.0127194	-.001074
Stddev	.000918	.002143	.0012336	.000061	.000091	.0266781	.000092
%RSD	67.96336	533.4547	132.0072	460.6833	38.92180	209.7431	8.607586

#1	-.002341	-.000390	-.000490	-.000071	-.000334	.0174636	-.001180
#2	-.001181	-.002550	.001622	.000051	-.000213	.0367071	-.001010
#3	-.000529	.001735	.001671	-.000020	-.000155	-.016013	-.001032



Sample Name: PB123979TB Acquired: 10/15/2019 16:43:03 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0049451	271.8413	.0095363
Stddev	.0113302	6.4902	.0079648
%RSD	229.1200	2.387487	83.52056

#1	-.002140	264.7014	.0106711
#2	.018013	273.4393	.0168729
#3	-.001038	277.3833	.0010650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.239	31596.14	5419.276	1116.441	1729.395
Stddev	9.703	262.00	223.506	5.708	5.943
%RSD	.5683252	.8292116	4.124277	.5112422	.3436597

#1	1697.277	31327.32	5674.760	1111.212	1722.806
#2	1707.778	31850.74	5323.171	1115.581	1731.027
#3	1716.660	31610.35	5259.898	1122.530	1734.351



Sample Name: K5355-01 Acquired: 10/15/2019 16:47:08 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454009	-.097908	3.651387	-.281819	.0318283	195.8426	2.659197
Stddev	.0016178	.000503	.014945	.000956	.0021983	.4002	.007554
%RSD	1.112615	.5137807	.4093000	.3393839	6.906720	.2043628	.2840578

#1	.1442035	-.098273	3.634744	-.280802	.0335455	195.6835	2.663429
#2	.1472413	-.097335	3.663660	-.282701	.0325885	195.5464	2.650476
#3	.1447579	-.098118	3.655756	-.281954	.0293508	196.2979	2.663686

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098365	336.4452	.4211019	.1803087	5.129552	115.8876	.3539902
Stddev	.0002145	.7543	.0024820	.0001779	.009973	.3168	.0006557
%RSD	2.180451	.2242116	.5894098	.0986439	.1944246	.2733345	.1852172

#1	.0097282	336.3525	.4194853	.1803781	5.141068	115.5646	.3539881
#2	.0096978	335.7415	.4198608	.1804414	5.123816	115.9005	.3533356
#3	.0100836	337.2416	.4239597	.1801066	5.123772	116.1977	.3546469

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010288	.6391347	5.042910	9.176566	.3832944	.0119871	15.11885
Stddev	.000707	.0046974	.075579	.019746	.0080049	.0008137	.02119
%RSD	6.873802	.7349569	1.498715	.2151742	2.088449	6.788384	.1401795

#1	-.009491	.6434870	5.120414	9.157935	.3762196	.0129265	15.09543
#2	-.010534	.6341553	5.038899	9.197263	.3919834	.0115351	15.13671
#3	-.010840	.6397619	4.969416	9.174499	.3816803	.0114996	15.12440

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454970	10.12104	.2851502	.6004638	-.013678	2.374045	1.165587
Stddev	.0016467	.05252	.0021058	.0038869	.000625	.069811	.005495
%RSD	1.131758	.5188868	.7385004	.6473190	4.566517	2.940576	.4714041

#1	.1468881	10.15468	.2863025	.6049520	-.014189	2.434243	1.164784
#2	.1436789	10.06052	.2827197	.5982461	-.012982	2.390377	1.171439
#3	.1459241	10.14791	.2864284	.5981934	-.013863	2.297517	1.160538



Sample Name: K5355-01 Acquired: 10/15/2019 16:47:08 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	426.5847	24.76461	51.86293
Stddev	2.5773	.08920	.26011
%RSD	.6041607	.3602062	.5015325

#1	423.8719	24.67637	51.57531
#2	426.8815	24.76272	51.93181
#3	429.0007	24.85475	52.08166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.514	36083.56	6197.698	1252.561	1844.199
Stddev	4.031	18.25	31.742	17.381	4.980
%RSD	.2085692	.0505761	.5121645	1.387620	.2700217

#1	1934.280	36086.14	6161.128	1234.340	1845.279
#2	1935.360	36064.16	6218.120	1254.386	1848.550
#3	1927.902	36100.38	6213.845	1268.958	1838.768



Sample Name: K5355-01DUP Acquired: 10/15/2019 16:50:56 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1455471	-.097288	3.643531	-.281271	.0290580	195.1907	2.622045
Stddev	.0047660	.003225	.008164	.004201	.0009155	.7371	.004973
%RSD	3.274520	3.315199	.2240713	1.493738	3.150557	.3776197	.1896646

#1	.1409631	-.100382	3.642889	-.282704	.0285375	195.3862	2.621266
#2	.1452020	-.097538	3.651998	-.276541	.0285214	194.3756	2.617508
#3	.1504763	-.093946	3.635708	-.284569	.0301151	195.8104	2.627362

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093688	325.5852	.4135496	.1790581	5.100195	112.7389	.3587415
Stddev	.0001727	1.4631	.0030280	.0007796	.023115	.2211	.0030540
%RSD	1.842844	.4493855	.7322053	.4353708	.4532178	.1961177	.8513079

#1	.0094200	325.4778	.4167573	.1797099	5.101724	112.7070	.3619760
#2	.0091763	324.1788	.4131508	.1792698	5.076354	112.5355	.3583408
#3	.0095101	327.0991	.4107407	.1781945	5.122508	112.9742	.3559076

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009524	.6347643	4.997159	9.229341	.3649316	.0115612	14.37951
Stddev	.000260	.0052557	.004687	.036071	.0105146	.0006020	.08304
%RSD	2.727399	.8279781	.0937906	.3908246	2.881262	5.207189	.5774657

#1	-.009266	.6358137	4.993828	9.259943	.3528050	.0108665	14.46369
#2	-.009786	.6290631	4.995130	9.238510	.3704792	.0119309	14.37717
#3	-.009521	.6394162	5.002518	9.189571	.3715107	.0118861	14.29767

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556572	9.989843	.2822768	.5808835	-.011942	2.410710	1.161489
Stddev	.0024688	.046364	.0015628	.0036401	.000531	.045296	.010327
%RSD	1.586073	.4641108	.5536417	.6266499	4.449056	1.878933	.8891307

#1	.1544558	9.979501	.2813108	.5839836	-.011484	2.413884	1.167464
#2	.1584968	9.949524	.2814397	.5768753	-.011816	2.454336	1.167438
#3	.1540190	10.04051	.2840798	.5817915	-.012524	2.363911	1.149564



Sample Name: K5355-01DUP Acquired: 10/15/2019 16:50:56 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31DUP Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	423.2732	24.37032	51.61981
Stddev	3.2848	.21145	.48686
%RSD	.7760404	.8676484	.9431621

#1	419.6203	24.12616	51.06056
#2	424.2153	24.49224	51.94901
#3	425.9839	24.49255	51.84986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.127	36370.44	6192.386	1236.127	1837.214
Stddev	8.897	190.95	44.566	3.508	3.030
%RSD	.4609575	.5250227	.7196919	.2838208	.1648990

#1	1937.058	36160.04	6142.412	1237.210	1840.631
#2	1933.228	36418.50	6228.009	1232.205	1836.155
#3	1920.094	36532.76	6206.737	1238.966	1834.856



Sample Name: K5355-01LX5 Acquired: 10/15/2019 16:54:42 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0328256	-.024784	.8131128	-.033949	.0145898	41.47820	.5769908
Stddev	.0005027	.002359	.0052706	.005492	.0015461	1.88388	.0241431
%RSD	1.531320	9.517221	.6481977	16.17751	10.59714	4.541851	4.184310

#1	.0333764	-.026927	.8071760	-.028279	.0131497	39.30293	.5491314
#2	.0327088	-.022257	.8172411	-.034325	.0162236	42.55385	.5918020
#3	.0323916	-.025168	.8149211	-.039243	.0143960	42.57783	.5900391

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010222	73.48394	.0957450	.0385065	1.145991	25.01273	.0849670
Stddev	.0001783	3.24914	.0006999	.0001901	.052154	.93507	.0020541
%RSD	17.44169	4.421561	.7310302	.4936189	4.550964	3.738396	2.417484

#1	.0008641	69.73353	.0965320	.0385162	1.085813	23.93335	.0873388
#2	.0009870	75.44694	.0951922	.0383117	1.178071	25.52837	.0837876
#3	.0012154	75.27134	.0955109	.0386915	1.174088	25.57646	.0837746

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003020	.1408771	1.163896	1.953209	.0534140	-.000594	3.044448
Stddev	.000583	.0077369	.002329	.004767	.0128245	.000424	.010933
%RSD	19.31220	5.491977	.2001237	.2440576	24.00956	71.40709	.3591240

#1	-.003693	.1331712	1.164856	1.947821	.0387151	-.000437	3.056477
#2	-.002659	.1486447	1.161241	1.954928	.0592065	-.000271	3.035115
#3	-.002707	.1408154	1.165593	1.956879	.0623205	-.001074	3.041752

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289433	2.236712	.0615871	.1377040	-.002425	.4664182	.2562582
Stddev	.0013648	.098792	.0030989	.0064633	.000489	.0177345	.0017737
%RSD	4.715619	4.416835	5.031786	4.693620	20.17930	3.802268	.6921486

#1	.0279166	2.122753	.0580817	.1302454	-.001895	.4485844	.2581876
#2	.0304921	2.289232	.0627171	.1416582	-.002860	.4666188	.2546985
#3	.0284211	2.298150	.0639625	.1412086	-.002519	.4840516	.2558884



Sample Name: K5355-01LX5 Acquired: 10/15/2019 16:54:42 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	87.31451	4.742567	9.745266
Stddev	3.73860	.209408	.465493
%RSD	4.281758	4.415496	4.776603

#1	83.02308	4.503176	9.220052
#2	89.05424	4.832752	9.908896
#3	89.86621	4.891771	10.10685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.955	33798.76	5563.873	1169.562	1833.109
Stddev	2.577	59.62	31.015	4.006	1.324
%RSD	.1426129	.1763918	.5574339	.3424993	.0722401

#1	1804.189	33797.52	5566.002	1164.987	1834.246
#2	1809.288	33858.99	5531.849	1171.257	1833.426
#3	1807.389	33739.78	5593.769	1172.441	1831.655



Sample Name: K5355-01MS Acquired: 10/15/2019 16:58:37 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8308223	1.539289	5.744106	1.340302	.1431337	210.1296
Stddev	.0064484	.013306	.019436	.009198	.0005985	4.9156
%RSD	.7761515	.8644358	.3383568	.6862954	.4181606	2.339330

#1	.8243535	1.526393	5.740641	1.332065	.1424945	204.5762
#2	.8308632	1.552970	5.765040	1.350228	.1432259	213.9229
#3	.8372502	1.538504	5.726635	1.338612	.1436808	211.8897

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.983924	.1808821	314.5981	.7587960	.3596578	5.427484
Stddev	.060101	.0008246	6.8003	.0013662	.0007370	.109608
%RSD	2.014166	.4558583	2.161596	.1800471	.2049112	2.019491

#1	2.915110	.1799472	306.8200	.7587979	.3588141	5.303405
#2	3.026121	.1811933	319.4201	.7601612	.3601761	5.511137
#3	3.010540	.1815058	317.5542	.7574289	.3599832	5.467911

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.0695	.7840479	.0549347	.9220084	5.784427	F 14.28951
Stddev	2.6888	.0030251	.0005875	.0253059	.044932	.05173
%RSD	2.316579	.3858363	1.069490	2.744650	.7767731	.3620114

#1	113.0043	.7872172	.0542585	.8927880	5.734154	14.28194
#2	118.0301	.7837353	.0552262	.9365012	5.798460	14.34461
#3	117.1741	.7811912	.0553195	.9367360	5.820668	14.24199

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6237173	.3507924	12.11974	.9210949	11.16359	.4797532
Stddev	.0238652	.0005130	.05888	.0037019	.23445	.0135029
%RSD	3.826282	.1462461	.4858267	.4018994	2.100104	2.814546

#1	.5987048	.3507343	12.11280	.9190748	10.89352	.4642257
#2	.6262070	.3513320	12.18178	.9253673	11.31484	.4862921
#3	.6462399	.3503109	12.06463	.9188425	11.28240	.4887419



Sample Name: K5355-01MS Acquired: 10/15/2019 16:58:37 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31MS Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7811949	.1575557	3.943470	1.495868	438.2414	27.38721
Stddev	.0201190	.0009549	.008331	.004441	6.9354	.51945
%RSD	2.575412	.6060391	.2112685	.2968641	1.582561	1.896676

#1	.7587447	.1586104	3.933871	1.491596	430.3464	26.79145
#2	.7975934	.1573066	3.948819	1.500460	441.0265	27.62483
#3	.7872467	.1567501	3.947720	1.495548	443.3514	27.74534

Elem	K_7664
Units	ppm
Avg	64.57314
Stddev	1.17028
%RSD	1.812330

#1	63.22237
#2	65.28186
#3	65.21520

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.330	35655.41	6125.673	1225.470	1830.297
Stddev	3.566	109.93	42.688	7.192	3.850
%RSD	.1882281	.3083259	.6968766	.5869020	.2103343

#1	1892.000	35704.06	6157.318	1233.228	1829.445
#2	1898.435	35529.54	6077.121	1224.157	1826.945
#3	1892.555	35732.63	6142.580	1219.024	1834.502



Sample Name: K5355-01MSD Acquired: 10/15/2019 17:02:22 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8313345	1.542935	5.995945	1.328653	.1430376	210.3955
Stddev	.0060392	.009369	.026641	.005964	.0047491	3.5988
%RSD	.7264479	.6072321	.4443135	.4488592	3.320205	1.710495

#1	.8250755	1.537890	5.981655	1.335517	.1438416	206.2606
#2	.8318013	1.553746	6.026682	1.324740	.1379377	212.1043
#3	.8371268	1.537169	5.979498	1.325703	.1473334	212.8215

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.035851	.1811279	320.8816	.7609259	.3580112	5.479894
Stddev	.036409	.0012819	4.8624	.0013139	.0008602	.084653
%RSD	1.199293	.7077528	1.515330	.1726666	.2402753	1.544799

#1	2.993885	.1798955	315.2836	.7597559	.3573421	5.382555
#2	3.054669	.1824542	323.3066	.7606746	.3589815	5.520812
#3	3.059001	.1810338	324.0545	.7623473	.3577100	5.536314

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.9741	.7822802	.0558758	.9327041	5.716379	F 14.41106
Stddev	1.9969	.0065837	.0010916	.0192633	.050105	.05970
%RSD	1.707154	.8416004	1.953565	2.065317	.8765250	.4142471

#1	114.6918	.7897463	.0554931	.9109554	5.764331	14.38972
#2	117.8312	.7797872	.0550271	.9395385	5.720439	14.47850
#3	118.3995	.7773071	.0571072	.9476183	5.664367	14.36497

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6206462	.3458425	12.08175	.9745910	11.15585	.4788117
Stddev	.0124942	.0022962	.02496	.0023769	.14303	.0081823
%RSD	2.013102	.6639312	.2066317	.2438825	1.282146	1.708880

#1	.6094114	.3483936	12.09347	.9732764	10.99110	.4702149
#2	.6184252	.3439415	12.09869	.9773347	11.22812	.4797158
#3	.6341020	.3451923	12.05308	.9731618	11.24833	.4865045



Sample Name: K5355-01MSD Acquired: 10/15/2019 17:02:22 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31MSD Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8024392	.1574804	3.660290	1.498250	439.5564	27.42052
Stddev	.0126063	.0002398	.064753	.001928	4.8765	.25956
%RSD	1.571002	.1522547	1.769064	.1286943	1.109415	.9465731
#1	.7879245	.1574053	3.721197	1.497698	434.1322	27.15308
#2	.8087424	.1577488	3.592277	1.500394	440.9594	27.43707
#3	.8106508	.1572872	3.667394	1.496658	443.5777	27.67140

Elem	K_7664
Units	ppm
Avg	63.81788
Stddev	.76744
%RSD	1.202554
#1	62.96641
#2	64.03094
#3	64.45628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.826	35367.98	6069.911	1229.557	1826.639
Stddev	6.436	55.83	30.578	15.958	6.676
%RSD	.3398565	.1578547	.5037557	1.297893	.3654904
#1	1886.406	35308.42	6100.993	1212.748	1820.561
#2	1897.900	35419.13	6039.864	1231.423	1825.572
#3	1897.171	35376.37	6068.876	1244.500	1833.785



Sample Name: K5355-01A Acquired: 10/15/2019 17:06:08 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8203543	1.540876	5.957488	1.330308	.1427610	209.2381
Stddev	.0042388	.005266	.016163	.009188	.0034063	2.9658
%RSD	.5166992	.3417540	.2713097	.6906317	2.386011	1.417406

#1	.8222245	1.535309	5.941315	1.331200	.1402250	205.8472
#2	.8233363	1.545777	5.973641	1.339016	.1466328	210.5193
#3	.8155020	1.541542	5.957508	1.320706	.1414253	211.3480

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.031022	.1809029	320.1789	.7599857	.3576626	5.447516
Stddev	.038497	.0007137	4.1783	.0019611	.0005742	.063057
%RSD	1.270114	.3945425	1.304980	.2580453	.1605490	1.157534

#1	2.987043	.1810398	315.3820	.7585774	.3570342	5.375200
#2	3.047404	.1801307	322.1297	.7622256	.3581601	5.476328
#3	3.058619	.1815383	323.0249	.7591541	.3577934	5.491020

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	116.4033	.7797954	.0560408	.9315457	5.698547	F 14.30261
Stddev	1.6600	.0018605	.0008184	.0078984	.004404	.01478
%RSD	1.426084	.2385936	1.460416	.8478830	.0772900	.1033692

#1	114.5446	.7818670	.0551017	.9225583	5.700143	14.29546
#2	116.9269	.7792525	.0564190	.9373827	5.693567	14.31961
#3	117.7384	.7782667	.0566017	.9346961	5.701930	14.29275

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6086636	.3464800	12.03002	.9668967	11.16018	.4774035
Stddev	.0234585	.0016837	.01650	.0010604	.14260	.0065483
%RSD	3.854105	.4859564	.1371336	.1096720	1.277778	1.371653

#1	.5819835	.3478554	12.02894	.9662621	10.99612	.4699515
#2	.6260573	.3469823	12.04703	.9681209	11.22998	.4822390
#3	.6179501	.3446023	12.01409	.9663071	11.25443	.4800200



Sample Name: K5355-01A Acquired: 10/15/2019 17:06:08 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8000262	.1575786	3.674875	1.499399	437.2709	27.36710
Stddev	.0067418	.0009358	.072961	.008416	6.9706	.38957
%RSD	.8426907	.5938780	1.985407	.5613210	1.594118	1.423502

#1	.7926053	.1584368	3.594170	1.508594	429.2550	26.92120
#2	.8016996	.1565808	3.736164	1.497527	440.6479	27.53865
#3	.8057736	.1577183	3.694292	1.492076	441.9098	27.64146

Elem	K_7664
Units	ppm
Avg	63.26673
Stddev	.96828
%RSD	1.530466

#1	62.16801
#2	63.63671
#3	63.99546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.901	35323.55	6055.064	1232.646	1834.433
Stddev	5.188	71.06	13.786	5.636	5.048
%RSD	.2727943	.2011702	.2276721	.4572064	.2751663

#1	1905.721	35265.23	6039.692	1226.198	1840.245
#2	1895.995	35302.72	6059.170	1235.111	1831.146
#3	1903.988	35402.70	6066.331	1236.629	1831.908



Sample Name: K5355-03 Acquired: 10/15/2019 17:09:53 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040921	-.201590	2.025782	-.326449	.0314448	263.1814	2.531366
Stddev	.0027823	.007143	.009008	.006420	.0045778	6.6620	.065528
%RSD	2.672874	3.543167	.4446829	1.966553	14.55815	2.531351	2.588622

#1	.1010669	-.209635	2.028292	-.319051	.0334359	255.6410	2.458130
#2	.1046683	-.199143	2.015785	-.330556	.0262086	265.6326	2.551515
#3	.1065412	-.195993	2.033270	-.329740	.0346898	268.2706	2.584453

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128179	207.3364	.4376406	.2548799	7.649889	119.7069	.4142236
Stddev	.0000841	5.0471	.0027146	.0011401	.171578	2.9867	.0099222
%RSD	.6565105	2.434249	.6202764	.4473235	2.242879	2.495016	2.395367

#1	.0127290	201.6212	.4405470	.2535826	7.455879	116.3385	.4255606
#2	.0128963	209.2067	.4372040	.2553342	7.712121	120.7504	.4071219
#3	.0128286	211.1814	.4351708	.2557228	7.781666	122.0319	.4099883

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017921	.6898342	2.941496	8.304420	.3577772	.0165316	7.914075
Stddev	.001257	.0183991	.006323	.013184	.0533863	.0004516	.014779
%RSD	7.016772	2.667172	.2149557	.1587547	14.92167	2.731533	.1867414

#1	-.019367	.6716326	2.948791	8.318723	.2964153	.0163582	7.930322
#2	-.017311	.6894455	2.938106	8.292755	.3833458	.0170442	7.910473
#3	-.017084	.7084246	2.937591	8.301781	.3935706	.0161925	7.901430

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919708	16.34289	.4584361	.1978790	-.027759	2.605935	1.034505
Stddev	.0031003	.43689	.0116055	.0031269	.001831	.071482	.011650
%RSD	3.370975	2.673293	2.531553	1.580181	6.595383	2.743064	1.126147

#1	.0931263	15.85136	.4450353	.1950595	-.025645	2.536232	1.041197
#2	.0884586	16.49029	.4650809	.1973356	-.028801	2.602500	1.021053
#3	.0943274	16.68701	.4651920	.2012419	-.028832	2.679073	1.041266



Sample Name: K5355-03 Acquired: 10/15/2019 17:09:53 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-32 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	465.9447	18.01283	100.5388
Stddev	13.6056	.49374	2.3696
%RSD	2.920000	2.741041	2.356938

#1	450.3428	17.44380	97.8162
#2	472.1495	18.26674	101.6636
#3	475.3418	18.32794	102.1365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.853	36103.25	6088.580	1259.061	1860.563
Stddev	16.322	60.89	22.513	3.907	16.962
%RSD	.8315432	.1686571	.3697542	.3102996	.9116478

#1	1960.001	36093.99	6065.319	1255.394	1853.059
#2	1948.145	36168.24	6110.262	1263.170	1848.647
#3	1980.413	36047.52	6090.157	1258.619	1879.982



Sample Name: K5355-04 Acquired: 10/15/2019 17:13:41 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2139170	-.061470	3.607276	-.342495	.0507548	174.5968	2.658411
Stddev	.0029047	.004872	.003392	.012897	.0034207	1.0409	.016582
%RSD	1.357882	7.925761	.0940429	3.765597	6.739712	.5961648	.6237535

#1	.2135787	-.055856	3.603389	-.339776	.0508694	174.3473	2.660807
#2	.2111963	-.063958	3.609639	-.331174	.0541168	173.7033	2.640761
#3	.2169761	-.064595	3.608800	-.356535	.0472782	175.7397	2.673664

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103926	392.9416	.3853676	.1825560	5.855549	123.5798	.3424653
Stddev	.0003381	2.9194	.0112230	.0010019	.040451	.9647	.0030425
%RSD	3.252968	.7429646	2.912275	.5487937	.6908107	.7806327	.8884032

#1	.0100045	392.6423	.3727006	.1828278	5.847016	123.4131	.3455885
#2	.0106229	390.1833	.3940707	.1833940	5.820045	122.7094	.3422968
#3	.0105504	395.9991	.3893315	.1814463	5.899585	124.6170	.3395105

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008837	.6301772	5.938781	8.207067	.3552107	.0168332	11.34277
Stddev	.000984	.0040707	.117462	.006826	.0196975	.0001848	.02486
%RSD	11.13197	.6459645	1.977881	.0831671	5.545292	1.097902	.2192012

#1	-.007991	.6294485	5.803686	8.200508	.3329337	.0167001	11.31699
#2	-.009917	.6265201	5.995873	8.214131	.3623754	.0170443	11.34473
#3	-.008604	.6345631	6.016784	8.206563	.3703230	.0167553	11.36660

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1234481	9.308800	.2610332	.7434614	-.022536	2.541828	1.222121
Stddev	.0012131	.047581	.0004360	.0097916	.000752	.025726	.006164
%RSD	.9827034	.5111407	.1670265	1.317032	3.335663	1.012095	.5043981

#1	.1228140	9.302269	.2606327	.7521003	-.022056	2.524779	1.222305
#2	.1226834	9.264823	.2609693	.7328251	-.022149	2.571419	1.228192
#3	.1248469	9.359310	.2614977	.7454590	-.023402	2.529285	1.215867



Sample Name: K5355-04 Acquired: 10/15/2019 17:13:41 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-33 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	500.3193	20.80369	47.47673
Stddev	5.4010	.16610	.49389
%RSD	1.079519	.7984100	1.040275

#1	494.1969	20.61312	46.90681
#2	502.3518	20.88032	47.74381
#3	504.4092	20.91765	47.77956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.104	34383.10	5932.142	1210.782	1863.243
Stddev	8.143	548.94	69.313	18.348	9.872
%RSD	.4413092	1.596551	1.168434	1.515420	.5298366

#1	1839.433	35015.96	5862.747	1231.772	1858.282
#2	1854.435	34035.82	6001.373	1202.784	1874.612
#3	1841.446	34097.51	5932.305	1197.790	1856.836



Sample Name: CCV04 Acquired: 10/15/2019 17:17:30 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.118121	5.047234	5.046784	5.154941	5.122179	10.55957	10.55861
Stddev	.016328	.017295	.008668	.009252	.018196	.29617	.31774
%RSD	.3190222	.3426645	.1717553	.1794739	.3552460	2.804720	3.009330

#1	5.107064	5.046393	5.054712	5.144376	5.104597	10.89744	10.92537
#2	5.136875	5.064934	5.037529	5.161596	5.140933	10.34483	10.38408
#3	5.110424	5.030374	5.048112	5.158850	5.121008	10.43645	10.36639

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2645795	26.09552	1.021813	2.528755	2.632957	26.44431	2.529447
Stddev	.0103448	.71663	.001823	.006473	.072964	.68968	.007117
%RSD	3.909894	2.746183	.1784419	.2559801	2.771171	2.608049	.2813670

#1	.2765232	26.92220	1.020517	2.529494	2.716956	27.24061	2.533546
#2	.2587653	25.71385	1.023898	2.534827	2.585309	26.03677	2.533565
#3	.2584499	25.65051	1.021023	2.521944	2.596606	26.05554	2.521229

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.282896	2.617288	2.589134	5.105742	5.241627	5.149177	5.011600
Stddev	.001452	.068321	.012749	.003867	.196030	.008288	.001827
%RSD	.1131547	2.610369	.4923989	.0757452	3.739871	.1609645	.0364567

#1	1.284080	2.695922	2.599057	5.109518	5.467177	5.140471	5.009832
#2	1.283331	2.572467	2.574755	5.105920	5.145371	5.156973	5.011485
#3	1.281276	2.583475	2.593590	5.101789	5.112331	5.150087	5.013481

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060349	5.189821	5.186476	5.326171	2.539748	4.929449	1.278146
Stddev	.011548	.149421	.149409	.151523	.003806	.089586	.000327
%RSD	.2281983	2.879111	2.880734	2.844881	.1498481	1.817358	.0255925

#1	5.067353	5.362315	5.358879	5.501109	2.535664	4.827612	1.278146
#2	5.066674	5.106877	5.094731	5.236071	2.540383	4.964637	1.277819
#3	5.047021	5.100271	5.105817	5.241333	2.543195	4.996099	1.278473



Sample Name: CCV04 Acquired: 10/15/2019 17:17:30 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.055870	25.00434	25.07683
Stddev	.088284	.23946	.24788
%RSD	1.746165	.9576708	.9884963

#1	4.961262	24.73838	24.84062
#2	5.070295	25.07180	25.05494
#3	5.136052	25.20283	25.33493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.757	32088.75	5203.701	1130.552	1782.628
Stddev	3.098	115.88	198.260	4.322	6.167
%RSD	.1773464	.3611344	3.809982	.3822721	.3459263

#1	1747.941	31984.83	4975.588	1127.279	1779.044
#2	1743.242	32067.72	5301.007	1135.451	1779.091
#3	1749.088	32213.71	5334.507	1128.927	1789.748



Sample Name: CCB04 Acquired: 10/15/2019 17:42:01 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0000090	.0012040	.0027223	.0001042	-.002280	-.002839
Stddev	.0042038	.0014851	.0020850	.0035682	.002204	.010271
%RSD	46862.32	123.3503	76.58826	3423.476	96.65431	361.8360

#1	.0037082	.0015133	.0003164	-.001418	-.002707	.005840
#2	-.004563	-.000411	.0038482	.004181	.000106	-.000177
#3	.000881	.002510	.0040023	-.002450	-.004239	-.014179

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036163	-.000074	-.011918	.0003104	-.000156	-.000052
Stddev	.0009927	.000148	.012944	.0004924	.000295	.000846
%RSD	27.45004	198.7286	108.6079	158.6510	189.3233	1625.576

#1	.0038920	.000021	-.001280	.0000902	.000165	-.001017
#2	.0044420	.000000	-.008144	-.000034	-.000216	.000562
#3	.0025149	-.000245	-.026329	.000874	-.000416	.000299

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002880	-.000187	-.000413	-.000050	-.002993	-.001573
Stddev	.0130788	.000518	.000427	.001906	.000559	.001128
%RSD	4541.809	277.5162	103.5483	3817.419	18.69031	71.69078

#1	.0124942	.000358	-.000491	.001328	-.002369	-.000273
#2	.0018862	-.000245	.000048	.000747	-.003161	-.002286
#3	-.013516	-.000673	-.000796	-.002226	-.003450	-.002160

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005622	.0000718	-.006311	-.003201	.0018307	-.003062
Stddev	.001602	.0004350	.000420	.001235	.0002113	.001125
%RSD	28.49134	605.8871	6.651340	38.57476	11.53973	36.74587

#1	-.006073	-.000427	-.005909	-.003953	.0018273	-.004296
#2	-.006949	.000374	-.006278	-.003874	.0016212	-.002798
#3	-.003843	.000268	-.006747	-.001776	.0020437	-.002092



Sample Name: CCB04 Acquired: 10/15/2019 17:42:01 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	-.000167	.0085078	-.002050	-.000109	F -.052429
Stddev	.000125	.000151	.0038630	.001074	.010737	.011186
%RSD	132.3069	90.14731	45.40543	52.37647	9878.711	21.33626

#1	-.000219	-.000336	.0042948	-.002115	.004920	-.040193
#2	.000031	-.000046	.0118835	-.000945	-.012437	-.062131
#3	-.000095	-.000119	.0093450	-.003090	.007192	-.054965

Elem	K_7664
Units	ppm
Avg	F -.047031
Stddev	.028048
%RSD	59.63699

#1	-.078549
#2	-.037723
#3	-.024820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.588	34488.74	5470.839	1195.030	1974.260
Stddev	3.875	121.43	16.541	3.342	5.366
%RSD	.2126082	.3520879	.3023532	.2796660	.2717879

#1	1825.645	34591.12	5467.032	1193.678	1973.499
#2	1823.889	34520.51	5456.534	1198.836	1979.966
#3	1818.230	34354.58	5488.952	1192.576	1969.316



Sample Name: K5356-01 Acquired: 10/15/2019 17:46:05 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-12017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924121	.0158846	2.580436	-.178520	.0167541	91.12094	1.298165
Stddev	.0017067	.0022496	.002362	.004330	.0008506	3.33592	.047996
%RSD	1.846874	14.16210	.0915399	2.425735	5.076667	3.660976	3.697198

#1	.0930544	.0146781	2.583038	-.174123	.0171960	92.43315	1.318023
#2	.0937045	.0144956	2.579842	-.178657	.0157736	87.32845	1.243427
#3	.0904774	.0184800	2.578427	-.182781	.0172928	93.60123	1.333044

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054039	93.39237	.1629640	.0885858	2.719626	28.46428	.1536965
Stddev	.0003437	3.26960	.0009995	.0008446	.092175	.87188	.0053433
%RSD	6.360457	3.500928	.6133317	.9534077	3.389235	3.063084	3.476502

#1	.0056029	94.76776	.1636855	.0884152	2.758905	28.96715	.1564963
#2	.0050070	89.65976	.1633834	.0895027	2.614318	27.45751	.1570581
#3	.0056018	95.74959	.1618231	.0878396	2.785654	28.96817	.1475352

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000796	.4393422	1.662658	7.680738	.2726855	.0015657	41.36354
Stddev	.000266	.0128339	.004849	.019286	.0259346	.0001626	.12781
%RSD	33.48713	2.921167	.2916207	.2511000	9.510821	10.38686	.3089947

#1	-.000781	.4451086	1.660151	7.696182	.2428896	.0016244	41.49119
#2	-.001069	.4246365	1.668247	7.686912	.2849839	.0013819	41.36385
#3	-.000537	.4482814	1.659576	7.659121	.2901831	.0016908	41.23557

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013497	2.157197	.1731983	-.076697	-.016535	3.862056	.5940395
Stddev	.0008469	.084066	.0087026	.006731	.000752	.151772	.0074234
%RSD	.4206279	3.897006	5.024647	8.775553	4.545725	3.929819	1.249653

#1	.2018853	2.197282	.1788623	-.069639	-.015953	3.905187	.6022192
#2	.2003733	2.060590	.1631778	-.083044	-.016268	3.693387	.5921690
#3	.2017906	2.213718	.1775548	-.077409	-.017384	3.987594	.5877301



Sample Name: K5356-01 Acquired: 10/15/2019 17:46:05 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-12017 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	276.4884	1.603592	9.343099
Stddev	4.9780	.027113	.112817
%RSD	1.800455	1.690771	1.207486

#1	273.0162	1.577765	9.227675
#2	274.2573	1.601179	9.348508
#3	282.1918	1.631830	9.453114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.320	37993.81	6181.153	1335.402	1938.626
Stddev	12.952	144.39	191.321	1.134	8.968
%RSD	.6304672	.3800378	3.095228	.0849397	.4625820

#1	2067.706	37870.38	6007.654	1335.807	1948.301
#2	2041.852	38152.59	6386.339	1334.121	1930.592
#3	2053.403	37958.46	6149.466	1336.278	1936.985



Sample Name: K5357-01 Acquired: 10/15/2019 17:49:57 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827623	.0159753	.6416164	-.146302	.0146708	175.2240	.8944380
Stddev	.0028989	.0028070	.0033178	.002813	.0045556	3.1106	.0182048
%RSD	3.502674	17.57076	.5170969	1.922633	31.05232	1.775193	2.035337

#1	.0823215	.0136448	.6444831	-.149475	.0104685	178.8157	.9153212
#2	.0801091	.0190914	.6423841	-.144116	.0195122	173.4160	.8860777
#3	.0858564	.0151897	.6379821	-.145314	.0140315	173.4402	.8819150

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066791	31.44211	.1386352	.0909976	6.362262	31.54789	.1609281
Stddev	.0002258	.54622	.0011295	.0002856	.112127	.52403	.0037961
%RSD	3.380259	1.737235	.8147541	.3139118	1.762383	1.661058	2.358872

#1	.0068313	32.07232	.1382319	.0912598	6.491338	32.14132	.1597136
#2	.0064197	31.14905	.1377626	.0906932	6.288940	31.14877	.1578878
#3	.0067862	31.10495	.1399110	.0910400	6.306509	31.35357	.1651828

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003532	.2348189	.7193597	5.094287	.1837847	.0021347	2.517145
Stddev	.0010642	.0065845	.0027474	.010458	.0186627	.0009718	.005447
%RSD	301.3254	2.804070	.3819252	.2052888	10.15463	45.52530	.2164003

#1	-.000786	.2423931	.7183660	5.095478	.1630197	.0030358	2.518976
#2	.001321	.2304582	.7172473	5.104098	.1991578	.0022632	2.511018
#3	.000525	.2316054	.7224656	5.083284	.1891767	.0011049	2.521440

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148566	1.649342	.1500310	.0287392	-.016027	8.177025	.3997726
Stddev	.0006127	.039914	.0018466	.0057581	.000040	.102916	.0024915
%RSD	4.124014	2.419995	1.230799	20.03579	.2503421	1.258594	.6232184

#1	.0145704	1.695049	.1519322	.0353501	-.015990	8.236297	.3984816
#2	.0144394	1.631610	.1482444	.0248195	-.016070	8.236589	.4026446
#3	.0155600	1.621366	.1499164	.0260479	-.016021	8.058188	.3981915



Sample Name: K5357-01 Acquired: 10/15/2019 17:49:57 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 72-11933 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	225.0648	3.189067	11.10247
Stddev	1.2021	.020519	.02290
%RSD	.5341091	.6434140	.2062998

#1	223.8018	3.175785	11.08041
#2	226.1949	3.212699	11.12613
#3	225.1978	3.178716	11.10087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.294	36096.33	5912.369	1276.417	1910.434
Stddev	7.493	87.23	128.695	2.576	6.396
%RSD	.3836325	.2416616	2.176714	.2017935	.3347964

#1	1952.690	36051.48	5764.710	1273.472	1907.639
#2	1961.071	36196.86	6000.698	1278.246	1917.752
#3	1946.121	36040.65	5971.698	1277.535	1905.911



Sample Name: K5358-01 Acquired: 10/15/2019 17:53:52 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190896-COM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5382865	.0362483	2.039301	-.220042	.0122731	130.7188
Stddev	.0068605	.0021051	.004844	.007494	.0016218	.9938
%RSD	1.274500	5.807424	.2375429	3.405855	13.21444	.7602702

#1	.5366713	.0342150	2.034401	-.211396	.0135889	130.6098
#2	.5458104	.0361114	2.039417	-.224678	.0127694	131.7626
#3	.5323777	.0384186	2.044087	-.224052	.0104612	129.7840

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.310293	.0078323	40.56591	.8831720	.1089114	4.572010
Stddev	.018245	.0001324	.41204	.0013018	.0002757	.035359
%RSD	.7897101	1.690298	1.015738	.1473987	.2531208	.7733884

#1	2.307324	.0077172	40.44478	.8846433	.1086958	4.574507
#2	2.329839	.0078027	41.02494	.8821699	.1092220	4.606054
#3	2.293714	.0079770	40.22800	.8827027	.1088165	4.535468

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.70371	.2911903	.0174588	.3704847	2.544896	F 14.07025
Stddev	.47416	.0034936	.0008313	.0042833	.008372	.02677
%RSD	.6706279	1.199768	4.761295	1.156128	.3289607	.1902920

#1	70.69051	.2951576	.0169248	.3741397	2.554476	14.09382
#2	71.18433	.2885737	.0184166	.3715429	2.538991	14.07580
#3	70.23628	.2898396	.0170351	.3657715	2.541220	14.04114

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4630332	.0115172	F 128.4250	.3081028	1.953044	.2853465
Stddev	.0302009	.0003229	.1292	.0025230	.012509	.0019152
%RSD	6.522396	2.803609	.1005690	.8188876	.6404693	.6711902

#1	.4288630	.0112448	128.2851	.3092729	1.938766	.2834364
#2	.4740860	.0114328	128.4503	.3052072	1.962075	.2872668
#3	.4861506	.0118739	128.5397	.3098283	1.958290	.2853364



Sample Name: K5358-01 Acquired: 10/15/2019 17:53:52 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190896-COM Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145441	-.006244	5.047032	2.504739	337.7019	107.0005
Stddev	.0060804	.000694	.055495	.006613	4.9220	1.5134
%RSD	5.308386	11.10726	1.099566	.2640308	1.457505	1.414363

#1	.1204084	-.005511	5.055752	2.512373	332.0245	105.2685
#2	.1149553	-.006331	4.987693	2.500768	340.3123	107.6652
#3	.1082684	-.006890	5.097651	2.501076	340.7688	108.0677

Elem	K_7664
Units	ppm
Avg	30.80275
Stddev	.40998
%RSD	1.330989

#1	30.33044
#2	31.06673
#3	31.01109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.680	36826.15	6260.608	1294.532	1891.718
Stddev	2.974	102.56	98.715	8.384	.832
%RSD	.1495427	.2785010	1.576770	.6476344	.0439760

#1	1992.114	36712.93	6163.400	1286.580	1890.851
#2	1986.977	36912.85	6257.658	1303.290	1892.510
#3	1986.949	36852.67	6360.765	1293.727	1891.795



Sample Name: K5358-02 Acquired: 10/15/2019 17:57:43 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6381461	.0082092	1.903020	-.181328	.0264586	165.1418
Stddev	.0086539	.0010074	.003787	.004188	.0019341	.2525
%RSD	1.356103	12.27130	.1989910	2.309459	7.309738	.1529249

#1	.6366301	.0091770	1.899395	-.186142	.0273330	165.0974
#2	.6303503	.0071665	1.902713	-.178528	.0278012	165.4136
#3	.6474578	.0082842	1.906950	-.179313	.0242418	164.9144

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.283499	.0097328	702.9696	.8783436	.1205507	5.402671
Stddev	.001153	.0003018	.2017	.0069170	.0000732	.008162
%RSD	.0504730	3.101385	.0286932	.7875067	.0607079	.1510644

#1	2.284175	.0100017	703.0912	.8816413	.1205502	5.399045
#2	2.282168	.0094063	703.0808	.8829947	.1206241	5.412017
#3	2.284153	.0097905	702.7368	.8703949	.1204777	5.396951

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.08053	.3069843	.0082200	.4077323	3.586756	F 15.52867
Stddev	.25409	.0016031	.0007125	.0042230	.010823	.03718
%RSD	.2852388	.5221996	8.667960	1.035740	.3017353	.2394035

#1	88.83597	.3056928	.0083806	.4105258	3.599240	15.48940
#2	89.06243	.3064817	.0074409	.4097969	3.580026	15.53326
#3	89.34319	.3087785	.0088385	.4028741	3.581001	15.56333

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5076617	.0087033	F 163.1529	.2930599	3.031772	.3119957
Stddev	.0128740	.0002053	1.0432	.0009362	.015704	.0001284
%RSD	2.535938	2.358523	.6394068	.3194703	.5179719	.0411557

#1	.4928445	.0088870	162.0281	.2939707	3.040047	.3121437
#2	.5140325	.0084817	163.3420	.2931090	3.013661	.3119292
#3	.5161081	.0087412	164.0886	.2921001	3.041608	.3119142



Sample Name: K5358-02 Acquired: 10/15/2019 17:57:43 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.780082	-.003792	1.036659	2.152920	338.9959	106.3013
Stddev	.004458	.000310	.025400	.009530	2.1340	.8685
%RSD	.1179392	8.181555	2.450155	.4426354	.6295109	.8170352

#1	3.785001	-.003436	1.040541	2.163363	336.5523	105.3939
#2	3.778937	-.004001	1.059894	2.150704	339.9430	106.3850
#3	3.776308	-.003939	1.009542	2.144694	340.4925	107.1249

Elem	K_7664
Units	ppm
Avg	42.72008
Stddev	.21245
%RSD	.4973101

#1	42.47728
#2	42.81114
#3	42.87183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.417	34720.15	6136.908	1210.201	1709.341
Stddev	7.118	135.47	42.545	5.161	10.132
%RSD	.3805813	.3901759	.6932677	.4264179	.5927357

#1	1876.350	34606.22	6091.396	1204.248	1719.867
#2	1872.378	34684.28	6143.645	1212.944	1708.499
#3	1862.524	34869.94	6175.682	1213.411	1699.656



Sample Name: K5358-04 Acquired: 10/15/2019 18:01:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617989	.0069850	-.005674	.1007669	.0394942	-.424380
Stddev	.0040634	.0010546	.000786	.0057589	.0055748	.003734
%RSD	6.575261	15.09849	13.85368	5.715037	14.11552	.8799326

#1	.0587919	.0073974	-.004975	.0983470	.0330681	-.424971
#2	.0601831	.0057865	-.005523	.1073408	.0423797	-.427784
#3	.0664217	.0077710	-.006525	.0966128	.0430348	-.420386

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5677470	.0000724	1165.165	-.001359	.0000854	-.000018
Stddev	.0143775	.0001242	42.442	.000260	.0004099	.000262
%RSD	2.532374	171.6309	3.642587	19.11866	479.8054	1451.603

#1	.5512699	.0002154	1116.217	-.001459	.0003355	.000131
#2	.5742277	-.000009	1187.538	-.001554	-.000388	-.000320
#3	.5777434	.000010	1191.739	-.001064	.000308	.000135

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452087	.0099739	-.007092	.0049614	.0958847	.1349585
Stddev	.0200101	.0015541	.000102	.0045640	.0012471	.0023087
%RSD	44.26159	15.58118	1.432084	91.98993	1.300573	1.710662

#1	.0541807	.0088332	-.007209	.0021092	.0958819	.1360723
#2	.0591628	.0093446	-.007030	.0025496	.0946391	.1364991
#3	.0222828	.0117439	-.007037	.0102252	.0971332	.1323040

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1308707	.0198673	F 107.7138	-.051756	-.026943	.0688290
Stddev	.0033136	.0011307	.4743	.000518	.002030	.0041543
%RSD	2.531964	5.691303	.4402929	1.000188	7.535620	6.035688

#1	.1283360	.0195719	107.9543	-.051973	-.024640	.0650019
#2	.1296559	.0189136	107.1675	-.052130	-.028472	.0682379
#3	.1346203	.0211164	108.0196	-.051166	-.027718	.0732472



Sample Name: K5358-04 Acquired: 10/15/2019 18:01:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67741	-.000140	1.803141	.0026555	-.266497	434.0118
Stddev	.78139	.000491	.027025	.0003200	.023929	13.1756
%RSD	7.318204	352.1025	1.498763	12.05033	8.979157	3.035778

#1	9.77516	-.000476	1.777200	.0025405	-.239643	418.8779
#2	11.12253	-.000367	1.801090	.0024089	-.274291	440.2288
#3	11.13454	.000424	1.831133	.0030171	-.285558	442.9285

Elem	K_7664
Units	ppm
Avg	106.3553
Stddev	2.2931
%RSD	2.156057

#1	103.7252
#2	107.4048
#3	107.9357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1497.388	27491.22	5032.511	950.1130	1442.081
Stddev	11.296	11.96	85.066	7.1522	6.197
%RSD	.7544032	.0435108	1.690329	.7527717	.4297606

#1	1488.247	27485.13	5130.137	941.8717	1436.807
#2	1510.017	27483.52	4974.311	954.6970	1448.907
#3	1493.900	27505.00	4993.085	953.7702	1440.529



Sample Name: K5358-04DUP Acquired: 10/15/2019 18:05:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564007	.0041981	-.008102	.1040879	.0377734	-.381749
Stddev	.0077438	.0058497	.001872	.0058064	.0003815	.005330
%RSD	13.72991	139.3423	23.10280	5.578327	1.010034	1.396100

#1	.0474591	.0081760	-.008901	.1056171	.0376311	-.377135
#2	.0609248	-.002519	-.009441	.0976700	.0374835	-.380529
#3	.0608180	.006937	-.005963	.1089766	.0382057	-.387583

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5384521	-.000046	1105.611	-.000690	.0007237	.0002738
Stddev	.0237677	.000125	50.231	.000042	.0003569	.0008489
%RSD	4.414079	270.1434	4.543317	6.110005	49.31992	310.1058

#1	.5460320	.000001	1110.847	-.000642	.0007484	.0006225
#2	.5118190	.000049	1052.967	-.000721	.0010677	-.000694
#3	.5575054	-.000188	1153.019	-.000708	.0003551	.000893

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305049	.0106875	-.006801	.0045595	.0888926	.1285972
Stddev	.0214677	.0011464	.000655	.0052583	.0012933	.0013659
%RSD	70.37472	10.72613	9.629722	115.3259	1.454925	1.062151

#1	.0057366	.0094140	-.006109	.0074672	.0889912	.1284835
#2	.0420156	.0110116	-.007411	.0077218	.0901338	.1272917
#3	.0437623	.0116370	-.006882	-.001510	.0875528	.1300163

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240133	.0193303	F 104.3076	-.049609	-.027528	.0705279
Stddev	.0025338	.0002721	.8274	.000917	.000782	.0038935
%RSD	2.043211	1.407776	.7932317	1.847658	2.840918	5.520538

#1	.1256015	.0190483	104.8446	-.049811	-.028046	.0680090
#2	.1210912	.0195914	104.7234	-.048608	-.026628	.0685622
#3	.1253473	.0193513	103.3548	-.050408	-.027910	.0750123



Sample Name: K5358-04DUP Acquired: 10/15/2019 18:05:49 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11777	-.000257	1.735226	.0031038	-.254231	418.1760
Stddev	.67563	.000153	.053901	.0003644	.006160	16.8130
%RSD	6.677667	59.63270	3.106286	11.74130	2.423162	4.020567

#1	9.45649	-.000428	1.683632	.0034535	-.255519	398.8738
#2	10.08995	-.000131	1.730875	.0027262	-.247528	426.0249
#3	10.80689	-.000212	1.791171	.0031316	-.259645	429.6292

Elem	K_7664
Units	ppm
Avg	102.4380
Stddev	1.3568
%RSD	1.324493

#1	101.3258
#2	102.0386
#3	103.9497

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1506.741	27608.08	5122.884	964.3511	1452.832
Stddev	13.756	119.18	199.089	5.0225	9.937
%RSD	.9129426	.4316723	3.886272	.5208209	.6839896

#1	1495.636	27511.26	5027.409	967.9648	1446.707
#2	1502.459	27571.81	5351.729	958.6159	1447.491
#3	1522.129	27741.18	4989.515	966.4726	1464.298



Sample Name: K5358-04LX5 Acquired: 10/15/2019 18:10:07 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0106352	.0024180	-.004652	.0617399	.0208698	-.085713	.1114343
Stddev	.0023145	.0004261	.001380	.0025787	.0023757	.028547	.0058018
%RSD	21.76248	17.62110	29.66235	4.176765	11.38335	33.30529	5.206457

#1	.0089121	.0025775	-.004124	.0607345	.0183896	-.056276	.1051420
#2	.0132660	.0027413	-.003615	.0646699	.0231250	-.087585	.1125892
#3	.0097276	.0019352	-.006218	.0598153	.0210947	-.113278	.1165718

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002069	225.0433	-.000649	-.000937	-.000336	-.015084	.0036429
Stddev	.0000375	11.6270	.000456	.000359	.000658	.016958	.0005973
%RSD	18.11730	5.166579	70.19487	38.27953	195.5477	112.4252	16.39766

#1	.0002378	211.8436	-.000546	-.001292	-.000564	-.033890	.0029532
#2	.0002178	229.5186	-.001148	-.000945	.000405	-.010402	.0039883
#3	.0001652	233.7677	-.000254	-.000575	-.000850	-.000958	.0039873

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002036	.0038559	.0188043	.0298632	.0228824	-.000671	19.63129
Stddev	.000784	.0032817	.0002215	.0011491	.0025844	.000088	.04366
%RSD	38.51155	85.10831	1.178005	3.847935	11.29436	13.16209	.2224012

#1	-.002313	.0036717	.0189303	.0288989	.0199876	-.000683	19.68143
#2	-.001151	.0006702	.0185485	.0295561	.0249579	-.000752	19.60166
#3	-.002644	.0072258	.0189340	.0311347	.0237017	-.000577	19.61078

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014846	-.005392	.0169920	2.107456	-.000007	.3673832	.0014420
Stddev	.001415	.000522	.0007328	.107271	.000188	.0147459	.0001793
%RSD	9.528993	9.682032	4.312877	5.090065	2880.596	4.013755	12.43119

#1	-.016348	-.005248	.0166066	1.985400	-.000014	.3610575	.0016286
#2	-.013538	-.004958	.0178371	2.150214	.000185	.3568557	.0014263
#3	-.014654	-.005971	.0165322	2.186754	-.000191	.3842366	.0012711



Sample Name: K5358-04LX5 Acquired: 10/15/2019 18:10:07 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.058475	87.55697	21.03717
Stddev	.008031	2.69476	.73797
%RSD	13.73399	3.077723	3.507956

#1	-.064956	84.48690	20.21050
#2	-.060980	88.65297	21.27141
#3	-.049490	89.53103	21.62959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1690.834	31254.04	5323.316	1082.971	1717.662
Stddev	11.233	151.23	119.563	7.841	9.681
%RSD	.6643397	.4838774	2.246032	.7240042	.5636353

#1	1678.928	31079.42	5460.709	1090.688	1708.746
#2	1692.332	31339.99	5266.363	1075.012	1716.281
#3	1701.243	31342.71	5242.877	1083.213	1727.960



Sample Name: K5358-04MS Acquired: 10/15/2019 18:14:07 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8023936	1.734121	.8835240	1.869653	.8122415	1.575872
Stddev	.0050715	.005060	.0044941	.013142	.0039015	.023072
%RSD	.6320478	.2918083	.5086515	.7028984	.4803414	1.464110

#1	.7983412	1.728406	.8852994	1.863934	.8111896	1.554376
#2	.8080809	1.738031	.8868592	1.884685	.8165611	1.600250
#3	.8007587	1.735927	.8784135	1.860340	.8089737	1.572990

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7246131	.1724470	1091.855	.3670067	.1828018	.1814085
Stddev	.0096424	.0027675	19.071	.0258288	.0007106	.0030942
%RSD	1.330691	1.604816	1.746681	7.037689	.3887308	1.705655

#1	.7140591	.1751376	1070.959	.3964602	.1833508	.1778356
#2	.7329618	.1725947	1108.322	.3482185	.1819992	.1832020
#3	.7268183	.1696086	1096.284	.3563416	.1830553	.1831878

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768211	.4593839	.0671200	.2786963	.2798501	6.041542
Stddev	.077568	.0004762	.0040358	.0066589	.0172796	.050132
%RSD	4.386811	.1036520	6.012889	2.389295	6.174575	.8297902

#1	1.691159	.4590139	.0714292	.2710205	.2988470	6.035401
#2	1.846285	.4599211	.0634288	.2829234	.2650674	6.094462
#3	1.767190	.4592168	.0665019	.2821451	.2756360	5.994764

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3811900	.4075194	F 101.8686	.6212055	.1583575	.2713352
Stddev	.0035619	.0017150	1.1847	.0022675	.0028354	.0070785
%RSD	.9344125	.4208295	1.163007	.3650196	1.790511	2.608781

#1	.3782084	.4056059	101.2361	.6219893	.1550913	.2636474
#2	.3851343	.4080347	103.2353	.6229771	.1601869	.2727752
#3	.3802273	.4089177	101.1343	.6186501	.1597943	.2775831



Sample Name: K5358-04MS Acquired: 10/15/2019 18:14:07 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14430	.1456064	2.525837	.2278843	2.186000	401.8438
Stddev	.57399	.0013103	.054174	.0027643	.079622	16.3909
%RSD	5.658274	.8998824	2.144795	1.213032	3.642362	4.078922

#1	9.48165	.1461810	2.466579	.2288467	2.114218	383.4066
#2	10.48735	.1441070	2.538112	.2247674	2.172139	407.3592
#3	10.46390	.1465312	2.572820	.2300388	2.271642	414.7656

Elem	K_7664
Units	ppm
Avg	106.1865
Stddev	2.3573
%RSD	2.219965

#1	103.5444
#2	106.9408
#3	108.0744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1514.214	26935.51	4946.271	943.1818	1460.600
Stddev	15.395	1665.71	64.310	56.9492	15.946
%RSD	1.016684	6.184070	1.300167	6.037992	1.091716

#1	1521.926	25047.29	4919.923	878.0851	1465.887
#2	1496.488	28196.71	4899.320	983.7944	1442.683
#3	1524.229	27562.54	5019.571	967.6657	1473.231



Sample Name: K5358-04MSD Acquired: 10/15/2019 18:18:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8013489	1.718926	.8743561	1.834249	.8026808	1.535955
Stddev	.0065673	.003731	.0035171	.001457	.0039170	.051755
%RSD	.8195363	.2170550	.4022521	.0794273	.4879886	3.369584

#1	.8074134	1.716119	.8778944	1.834313	.7984417	1.478050
#2	.7943737	1.723160	.8708606	1.832762	.8034345	1.552106
#3	.8022595	1.717500	.8743133	1.835673	.8061661	1.577709

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7162941	.1695737	1080.304	.3511188	.1822717	.1778009
Stddev	.0228910	.0024446	39.246	.0027020	.0011526	.0072209
%RSD	3.195760	1.441629	3.632845	.7695459	.6323228	4.061230

#1	.6898988	.1668208	1035.028	.3518626	.1827965	.1694632
#2	.7307015	.1714908	1101.282	.3481228	.1809501	.1819186
#3	.7282821	.1704096	1104.603	.3533710	.1830684	.1820210

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768119	.4551551	.0632981	.2738496	.2722734	6.002206
Stddev	.032122	.0008495	.0009394	.0103845	.0005610	.012508
%RSD	1.816753	.1866376	1.484011	3.792042	.2060517	.2083982

#1	1.742451	.4542114	.0622172	.2624968	.2729209	6.016182
#2	1.757764	.4558587	.0637612	.2828685	.2719660	5.992060
#3	1.804141	.4553951	.0639161	.2761835	.2719332	5.998377

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3779067	.4018957	F 102.1092	.6167284	.1564994	.2679487
Stddev	.0094497	.0028327	.0517	.0014812	.0020005	.0116380
%RSD	2.500528	.7048242	.0506462	.2401653	1.278257	4.343372

#1	.3670641	.4020525	102.0604	.6173071	.1541946	.2545162
#2	.3822680	.3989879	102.1039	.6150452	.1577856	.2743177
#3	.3843881	.4046467	102.1634	.6178328	.1575180	.2750121



Sample Name: K5358-04MSD Acquired: 10/15/2019 18:18:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 20190897-AME Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09335	.1431140	2.516530	.2246614	2.174706	404.5942
Stddev	.76934	.0006183	.068812	.0002542	.028268	5.9071
%RSD	7.622270	.4320365	2.734415	.1131601	1.299861	1.460012

#1	9.21206	.1430588	2.440900	.2243978	2.142076	398.3319
#2	10.43711	.1425251	2.533242	.2249050	2.191776	405.3839
#3	10.63088	.1437580	2.575447	.2246815	2.190265	410.0667

Elem	K_7664
Units	ppm
Avg	105.8228
Stddev	2.4403
%RSD	2.306061

#1	103.0234
#2	106.9437
#3	107.5014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1510.393	27848.29	5001.626	964.1821	1454.567
Stddev	3.183	23.72	77.870	2.9894	1.283
%RSD	.2107627	.0851685	1.556898	.3100465	.0882312

#1	1507.102	27836.03	5091.288	967.6259	1453.154
#2	1513.457	27875.62	4950.933	962.6647	1454.889
#3	1510.620	27833.20	4962.658	962.2557	1455.659



Sample Name: K5358-04A Acquired: 10/15/2019 18:22:30 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8017538	1.724468	.8812308	1.850226	.8087015	1.540180
Stddev	.0014715	.009448	.0031574	.007081	.0021424	.041159
%RSD	.1835361	.5478855	.3582921	.3827001	.2649211	2.672361

#1	.8000604	1.721714	.8840176	1.849885	.8067157	1.501810
#2	.8024789	1.716703	.8778016	1.857472	.8084168	1.535077
#3	.8027219	1.734987	.8818733	1.843323	.8109721	1.583653

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7275870	.1713239	1095.272	.3498516	.1825271	.1805248
Stddev	.0179066	.0017594	27.716	.0062410	.0004324	.0056220
%RSD	2.461093	1.026933	2.530526	1.783888	.2369126	3.114262

#1	.7072390	.1693593	1063.944	.3540055	.1820981	.1744696
#2	.7345807	.1718582	1105.272	.3528745	.1825204	.1815255
#3	.7409414	.1727542	1116.601	.3426748	.1829629	.1855793

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.807828	.4585566	.0646832	.2781442	.2719442	6.024508
Stddev	.027326	.0012791	.0011791	.0074779	.0047688	.017969
%RSD	1.511532	.2789477	1.822910	2.688482	1.753585	.2982600

#1	1.786648	.4573659	.0657157	.2696407	.2729823	6.033868
#2	1.798163	.4583950	.0649355	.2836944	.2761083	6.035865
#3	1.838673	.4599088	.0633983	.2810975	.2667418	6.003792

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3827943	.4052352	F 102.3417	.6221540	.1584907	.2745953
Stddev	.0066201	.0013885	.1740	.0006713	.0043357	.0100521
%RSD	1.729421	.3426451	.1699849	.1079033	2.735637	3.660693

#1	.3765947	.4065486	102.2864	.6214211	.1538501	.2629910
#2	.3820213	.4037821	102.5365	.6223019	.1591839	.2801775
#3	.3897670	.4053749	102.2020	.6227391	.1624380	.2806175



Sample Name: K5358-04A Acquired: 10/15/2019 18:22:30 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28779	.1450806	2.550262	.2263814	2.188069	402.7128
Stddev	.47895	.0004835	.064135	.0007118	.036515	12.6278
%RSD	4.655474	.3332340	2.514856	.3144160	1.668833	3.135690
#1	9.75050	.1446463	2.481613	.2256343	2.146167	388.2088
#2	10.44296	.1449940	2.608646	.2264581	2.213091	408.6664
#3	10.66992	.1456015	2.560528	.2270517	2.204947	411.2634

Elem	K_7664
Units	ppm
Avg	106.3321
Stddev	1.4207
%RSD	1.336073
#1	104.6924
#2	107.1939
#3	107.1102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.029	27892.46	4957.217	985.9914	1456.595
Stddev	1.729	390.77	55.669	23.8672	3.086
%RSD	.1144414	1.400993	1.122992	2.420625	.2118790
#1	1509.568	27648.10	5016.897	974.7634	1454.419
#2	1512.938	27686.14	4948.060	969.8089	1455.239
#3	1510.581	28343.15	4906.694	1013.402	1460.127



Sample Name: CCV05 Acquired: 10/15/2019 18:26:42 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.113113	5.052341	5.037975	5.102378	5.096868	10.24195	10.15520
Stddev	.039151	.014808	.007672	.025786	.040701	.20381	.18698
%RSD	.7657074	.2930870	.1522896	.5053679	.7985488	1.989974	1.841182

#1	5.148308	5.066922	5.035982	5.118961	5.119600	10.02694	9.95547
#2	5.120088	5.052784	5.046447	5.115502	5.121125	10.26658	10.18407
#3	5.070942	5.037317	5.031495	5.072670	5.049879	10.43233	10.32606

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2624077	25.26917	1.016444	2.526222	2.560058	25.57303	2.527870
Stddev	.0007886	.47859	.003054	.005829	.046415	.45406	.007934
%RSD	.3005401	1.893981	.3005048	.2307478	1.813059	1.775561	.3138746

#1	.2615547	24.74841	1.015055	2.521368	2.508842	25.06813	2.529715
#2	.2631104	25.36938	1.014332	2.532687	2.571989	25.70308	2.534719
#3	.2625579	25.68973	1.019947	2.524612	2.599343	25.94788	2.519175

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270612	2.514043	2.581050	5.098784	5.201236	5.157378	4.969527
Stddev	.004397	.033327	.006500	.004721	.007052	.024378	.007894
%RSD	.3460365	1.325627	.2518174	.0925906	.1355851	.4726909	.1588572

#1	1.272343	2.479024	2.583126	5.101485	5.200605	5.170514	4.960689
#2	1.265613	2.517736	2.586258	5.101535	5.194521	5.172371	4.975880
#3	1.273880	2.545369	2.573766	5.093333	5.208583	5.129248	4.972011

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051719	4.963424	5.024452	5.124885	2.582596	4.902224	1.298025
Stddev	.016801	.081269	.098701	.094127	.005701	.120429	.003750
%RSD	.3325799	1.637363	1.964423	1.836674	.2207366	2.456612	.2888836

#1	5.034076	4.878788	4.916187	5.021113	2.589070	4.800734	1.299812
#2	5.053554	4.970640	5.047746	5.148783	2.578326	4.870640	1.293716
#3	5.067528	5.040845	5.109423	5.204761	2.580393	5.035297	1.300548



Sample Name: CCV05 Acquired: 10/15/2019 18:26:42 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.036076	24.89779	25.18415
Stddev	.132978	.50824	.59100
%RSD	2.640508	2.041288	2.346695

#1	4.896307	24.32576	24.50271
#2	5.050899	25.07027	25.49325
#3	5.161020	25.29733	25.55650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.981	33045.92	5354.476	1152.260	1817.692
Stddev	7.963	114.36	16.905	5.496	5.767
%RSD	.4473437	.3460611	.3157233	.4770057	.3172865

#1	1778.190	32947.54	5339.321	1146.610	1823.455
#2	1773.067	33171.39	5372.709	1152.581	1811.920
#3	1788.687	33018.84	5351.399	1157.589	1817.702



Sample Name: CCB05 Acquired: 10/15/2019 18:30:25 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0013419	.0021708	.0025214	-.000400	.0006038	-.013794
Stddev	.0043946	.0025967	.0018991	.002470	.0021923	.008827
%RSD	327.4870	119.6161	75.31819	617.1678	363.0595	63.99584

#1	-.003724	-.000515	.0006912	-.000116	.0022683	-.004853
#2	.003622	.004668	.0044825	.001916	-.001880	-.022503
#3	.004128	.002359	.0023905	-.003001	.001423	-.014025

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033941	-.000029	-.000650	-.000169	-.000193	-.000174
Stddev	.0007399	.000106	.007233	.000546	.000203	.000971
%RSD	21.79808	369.6239	1112.074	323.6652	105.1911	559.7726

#1	.0025409	-.000151	-.002740	.000105	-.000411	-.000039
#2	.0038577	.000040	.007397	-.000798	-.000160	.000723
#3	.0037837	.000025	-.006609	.000187	-.000009	-.001205

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005327	.0010669	-.000108	.0047446	-.001883	.0015064
Stddev	.0114704	.0002164	.000240	.0021005	.000609	.0041175
%RSD	2153.401	20.28630	223.2942	44.27225	32.35117	273.3330

#1	-.008623	.0008900	-.000255	.0030692	-.002152	.0043296
#2	.013399	.0013082	-.000238	.0071012	-.002312	-.003218
#3	-.003178	.0010024	.000170	.0040634	-.001186	.003408

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001933	.0015977	-.001084	-.002266	.0014271	-.002941
Stddev	.001014	.0004091	.007995	.000575	.0015352	.001252
%RSD	52.44334	25.60710	737.5197	25.36615	107.5719	42.56797

#1	-.001783	.0020492	.007749	-.001753	.0015470	-.003185
#2	-.003014	.0014922	-.007825	-.002159	-.000164	-.001585
#3	-.001003	.0012516	-.003176	-.002887	.002899	-.004053



Sample Name: CCB05 Acquired: 10/15/2019 18:30:25 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000717	-.000253	F -.011091	-.001691	-.003661	F .0725149
Stddev	.0000257	.000247	.002553	.000636	.000398	.0111591
%RSD	35.84345	97.66458	23.01679	37.57499	10.88208	15.38863

#1	.0000905	-.000321	-.012486	-.001631	-.004104	.0852886
#2	.0000424	.000021	-.008145	-.001088	-.003332	.0646619
#3	.0000823	-.000458	-.012642	-.002355	-.003546	.0675943

Elem	K_7664
Units	ppm
Avg	-.008150
Stddev	.016386
%RSD	201.0574

#1	-.026435
#2	.005207
#3	-.003223

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.181	34762.11	5446.036	1240.077	2026.881
Stddev	13.563	72.37	64.188	10.068	12.160
%RSD	.7244475	.2082002	1.178623	.8119243	.5999141

#1	1880.720	34727.78	5382.623	1243.780	2034.129
#2	1856.542	34713.29	5510.973	1247.769	2012.843
#3	1879.281	34845.26	5444.511	1228.681	2033.671



Sample Name: K5337-02 Acquired: 10/15/2019 18:34:29 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022211	.0013518	.0092205	.0142677	.0044150	.0956766	.0454524
Stddev	.0031111	.0009566	.0019390	.0038998	.0010673	.0184428	.0004616
%RSD	140.0698	70.76104	21.02921	27.33302	24.17479	19.27614	1.015578

#1	-.000981	.0020257	.0081755	.0137940	.0041884	.1168400	.0450014
#2	.002413	.0017728	.0080282	.0106264	.0034791	.0830414	.0459240
#3	.005232	.0002570	.0114579	.0183827	.0055773	.0871484	.0454318

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001831	19.00863	-.001035	-.000144	.1993911	2.518474	.0015056
Stddev	.0000431	.20915	.000235	.000358	.0037756	.053571	.0002265
%RSD	23.55579	1.100276	22.70780	247.8125	1.893555	2.127104	15.04304

#1	.0001720	18.77465	-.000770	-.000554	.1950378	2.479420	.0013104
#2	.0002306	19.07380	-.001217	.000104	.2017718	2.496456	.0017539
#3	.0001466	19.17743	-.001120	.000017	.2013638	2.579544	.0014524

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	.0007859	.0051111	.0227338	.0206866	-.000872	1.235473
Stddev	.000636	.0046613	.0008684	.0004223	.0015768	.000383	.005043
%RSD	471.3679	593.1353	16.99134	1.857432	7.622406	43.89778	.4081806

#1	-.000386	-.002737	.0044404	.0230291	.0212483	-.001303	1.238564
#2	.000588	.006071	.0048009	.0229223	.0219056	-.000740	1.238201
#3	-.000607	-.000976	.0060921	.0222502	.0189058	-.000572	1.229653

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002442	.0041699	.0021685	.1297078	-.000128	1.261853	-.000427
Stddev	.001808	.0008961	.0004826	.0013769	.000105	.006510	.000378
%RSD	74.04053	21.49047	22.25549	1.061572	82.19183	.5158764	88.65270

#1	-.000930	.0052045	.0016153	.1282631	-.000113	1.257866	-.000180
#2	-.001951	.0036372	.0023871	.1298551	-.000239	1.258327	-.000862
#3	-.004444	.0036680	.0025032	.1310051	-.000031	1.269364	-.000238



Sample Name: K5337-02 Acquired: 10/15/2019 18:34:29 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATER Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.5057765	36.64203	1.113810
Stddev	.0079690	.66790	.062367
%RSD	1.575591	1.822759	5.599399

#1	.5067904	35.87808	1.041930
#2	.4973492	36.93249	1.153568
#3	.5131900	37.11551	1.145932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.331	33029.53	5314.229	1178.934	1891.927
Stddev	6.938	864.32	46.426	32.666	11.807
%RSD	.3888535	2.616825	.8736162	2.770816	.6240676

#1	1779.964	32583.03	5263.001	1157.742	1892.830
#2	1780.697	34025.78	5353.521	1216.553	1879.695
#3	1792.332	32479.76	5326.166	1162.507	1903.257



Sample Name: K5337-02DUP Acquired: 10/15/2019 18:38:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000873	.0012783	.0061190	.0188420	.0057540	.1043319	.0456116
Stddev	.0032980	.0021016	.0015478	.0042117	.0013979	.0220403	.0005981
%RSD	3777.646	164.4120	25.29511	22.35251	24.29412	21.12516	1.311222

#1	.0000624	.0036290	.0071428	.0195966	.0045510	.1297734	.0459241
#2	-.003198	.0006245	.0068758	.0226254	.0072875	.0910426	.0449221
#3	.003398	-.000419	.0043384	.0143041	.0054235	.0921797	.0459887

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002451	19.13826	-.000509	-.000670	.2033702	2.517565	.0014486
Stddev	.0000744	.33230	.000188	.000340	.0025556	.083543	.0000400
%RSD	30.33795	1.736331	36.98668	50.66390	1.256641	3.318399	2.760661

#1	.0003162	19.52144	-.000305	-.000287	.2062424	2.612606	.0014929
#2	.0002514	18.96426	-.000546	-.000935	.2013475	2.484357	.0014379
#3	.0001678	18.92910	-.000676	-.000788	.2025206	2.455733	.0014151

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	-.001039	.0038307	.0224851	.0233493	-.000657	1.211011
Stddev	.000303	.002491	.0004401	.0012223	.0017427	.000500	.000972
%RSD	332.6932	239.6762	11.49009	5.436060	7.463638	76.14362	.0802445

#1	-.000048	-.000039	.0042587	.0212227	.0252543	-.000090	1.211791
#2	-.000413	.000796	.0033793	.0236629	.0218354	-.001035	1.211320
#3	.000188	-.003876	.0038540	.0225697	.0229581	-.000846	1.209922

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002059	.0048428	.0017555	.1301823	-.000237	1.240936	.0001405
Stddev	.000801	.0018989	.0004996	.0027073	.000135	.021510	.0002180
%RSD	38.91199	39.21075	28.45996	2.079614	56.94992	1.733343	155.1495

#1	-.002051	.0027576	.0012870	.1333067	-.000376	1.259461	.0003920
#2	-.001262	.0064727	.0022813	.1287094	-.000229	1.217346	.0000062
#3	-.002864	.0052981	.0016983	.1285308	-.000107	1.246002	.0000233



Sample Name: K5337-02DUP Acquired: 10/15/2019 18:38:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERDUP Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.5077556	36.29848	1.106747
Stddev	.0098259	.45833	.021852
%RSD	1.935158	1.262683	1.974405

#1	.5014324	35.81250	1.082357
#2	.5027588	36.35997	1.113344
#3	.5190757	36.72296	1.124541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1783.991	32993.90	5268.490	1149.223	1895.352
Stddev	1.456	66.67	173.661	4.404	4.702
%RSD	.0816126	.2020651	3.296211	.3831758	.2480937

#1	1783.233	32945.59	5073.892	1153.623	1890.781
#2	1783.070	33069.96	5323.876	1149.231	1900.175
#3	1785.670	32966.14	5407.702	1144.816	1895.099



Sample Name: K5337-02LX5 Acquired: 10/15/2019 18:42:34 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	-.000560	.0018006	.0049732	-.000622	.0024850	.0222141	.0117105
Stddev	.001544	.0026669	.0013286	.001680	.0014848	.0107660	.0003900
%RSD	275.8587	148.1115	26.71461	269.9505	59.74985	48.46480	3.329916

#1	-.002343	.0047958	.0055503	-.001000	.0016818	.0200198	.0121589
#2	.000331	-.000317	.0059156	-.002081	.0015748	.0339083	.0115222
#3	.000333	.000923	.0034536	.001214	.0041983	.0127143	.0114505

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000757	3.752067	-.000573	.0000125	.0394606	.5003662	.0011269
Stddev	.0000888	.075307	.000237	.0004964	.0009427	.0052295	.0003105
%RSD	117.3045	2.007070	41.31798	3959.289	2.388875	1.045134	27.55403

#1	.0001181	3.684082	-.000765	-.000005	.0385581	.4976002	.0014805
#2	.0001352	3.739104	-.000645	.000517	.0404388	.5063978	.0008989
#3	-.000026	3.833013	-.000309	-.000475	.0393850	.4971006	.0010012

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000410	.0020012	-.000191	.0048262	.0007168	.0000595	.2405699
Stddev	.000421	.0047238	.000350	.0015665	.0024889	.0003478	.0027711
%RSD	102.5280	236.0493	183.0718	32.45896	347.2322	584.2183	1.151882

#1	.000060	.0071734	-.000031	.0063105	-.000182	.0003245	.2377317
#2	-.000752	.0009153	.000050	.0049793	-.001198	-.000334	.2407093
#3	-.000540	-.002085	-.000592	.0031887	.003530	.000189	.2432686

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001593	.0008314	.0022778	.0256907	-.000120	.2605683	-.001756
Stddev	.000119	.0008197	.0018570	.0005045	.000096	.0285111	.000474
%RSD	7.490146	98.59499	81.52813	1.963669	80.41135	10.94190	27.01163

#1	-.001456	-.000027	.0001884	.0251185	-.000179	.2818521	-.001526
#2	-.001674	.000916	.0037400	.0258824	-.000009	.2716781	-.002302
#3	-.001650	.001606	.0029050	.0260713	-.000171	.2281748	-.001441



Sample Name: K5337-02LX5 Acquired: 10/15/2019 18:42:34 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.1005957	7.350205	.2117106
Stddev	.0065731	.172811	.0225639
%RSD	6.534127	2.351099	10.65791

#1	.0942754	7.156926	.1942244
#2	.1001163	7.403880	.2371811
#3	.1073953	7.489809	.2037263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.471	33250.96	5286.759	1174.031	1930.592
Stddev	4.899	93.57	17.824	10.282	4.299
%RSD	.2730121	.2813930	.3371399	.8757600	.2226992

#1	1799.733	33144.28	5268.771	1164.725	1935.506
#2	1790.042	33319.06	5287.093	1172.299	1927.523
#3	1793.638	33289.55	5304.414	1185.068	1928.748



Sample Name: K5337-02MS Acquired: 10/15/2019 18:46:37 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8267331	2.081246	1.005324	2.123541	.8087361	2.205024	.2540230
Stddev	.0112567	.018669	.009222	.019604	.0084164	.026761	.0013804
%RSD	1.361582	.8970345	.9173367	.9231851	1.040688	1.213636	.5434040

#1	.8186197	2.069040	.997929	2.110478	.8013826	2.179559	.2526239
#2	.8395842	2.102738	1.015657	2.146083	.8179156	2.202596	.2540612
#3	.8219953	2.071961	1.002384	2.114061	.8069102	2.232916	.2553839

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2173598	19.50144	.4172131	.2026793	.4073649	4.536262	.5099139
Stddev	.0028898	.21193	.0061788	.0023671	.0021343	.071857	.0044367
%RSD	1.329492	1.086751	1.480972	1.167896	.5239254	1.584047	.8700968

#1	.2206107	19.32365	.4243390	.2011511	.4056724	4.577850	.5061892
#2	.2150829	19.44470	.4139568	.2054059	.4066596	4.453289	.5148225
#3	.2163856	19.73597	.4133435	.2014809	.4097625	4.577646	.5087300

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774892	.3152831	.2200733	6.169245	.3461000	.4203408	1.194798
Stddev	.0009991	.0058432	.0046559	.071362	.0049850	.0047435	.014390
%RSD	1.289392	1.853332	2.115607	1.156735	1.440346	1.128488	1.204360

#1	.0786407	.3121714	.2248931	6.114083	.3466622	.4163660	1.178182
#2	.0768511	.3116542	.2156008	6.249839	.3408578	.4255919	1.203089
#3	.0769759	.3220237	.2197260	6.143812	.3507802	.4190645	1.203122

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7087853	.2029882	.2060502	.3312914	.2137338	2.147364	.3232054
Stddev	.0085448	.0024266	.0027360	.0024108	.0003227	.026115	.0021598
%RSD	1.205553	1.195462	1.327830	.7276839	.1509573	1.216123	.6682421

#1	.7016457	.2004156	.2029226	.3297059	.2140699	2.119291	.3233423
#2	.7182528	.2052362	.2072277	.3301026	.2137048	2.170935	.3209804
#3	.7064574	.2033129	.2080003	.3340656	.2134266	2.151865	.3252935



Sample Name: K5337-02MS Acquired: 10/15/2019 18:46:37 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERMS Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.559972	38.09798	11.33418
Stddev	.083497	.88885	.29330
%RSD	2.345448	2.333058	2.587771

#1	3.469487	37.07944	11.00128
#2	3.576388	38.49782	11.44666
#3	3.634043	38.71669	11.55459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.314	32812.07	5320.732	1149.845	1867.050
Stddev	17.816	576.16	79.625	18.514	19.400
%RSD	1.000167	1.755948	1.496509	1.610103	1.039075

#1	1798.437	32155.69	5231.698	1129.363	1884.090
#2	1762.877	33046.23	5385.122	1165.390	1845.937
#3	1782.627	33234.28	5345.376	1154.782	1871.123



Sample Name: K5337-02MSD Acquired: 10/15/2019 18:50:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8291268	2.094000	1.010012	2.141156	.8066983	2.233962	.2590769
Stddev	.0059371	.007073	.001118	.008478	.0012018	.015429	.0003194
%RSD	.7160712	.3377895	.1107217	.3959708	.1489792	.6906434	.1232940

#1	.8223373	2.102011	1.008825	2.133534	.8080466	2.245619	.2594372
#2	.8316989	2.091371	1.011046	2.150288	.8057396	2.216466	.2589650
#3	.8333442	2.088617	1.010164	2.139646	.8063086	2.239801	.2588284

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2184815	19.41346	.4204666	.2037703	.4093821	4.530871	.5119917
Stddev	.0011170	.11202	.0148906	.0007353	.0023374	.055902	.0012262
%RSD	.5112475	.5770448	3.541452	.3608737	.5709562	1.233806	.2394963

#1	.2188134	19.29019	.4097650	.2039699	.4074559	4.466323	.5106433
#2	.2172361	19.44115	.4141625	.2029557	.4087077	4.562647	.5122918
#3	.2193949	19.50905	.4374724	.2043852	.4119825	4.563642	.5130400

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783156	.3170787	.2202225	6.194683	.3475483	.4197738	1.183243
Stddev	.0034116	.0023468	.0071560	.013003	.0019958	.0028837	.000827
%RSD	4.356223	.7401356	3.249433	.2099015	.5742466	.6869730	.0698982

#1	.0763656	.3157984	.2154759	6.201927	.3498449	.4192216	1.182435
#2	.0763262	.3197873	.2167382	6.179672	.3465650	.4172061	1.183205
#3	.0822549	.3156505	.2284533	6.202451	.3462349	.4228937	1.184088

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7101434	.2053549	.2087041	.3355270	.2133454	2.158306	.3231002
Stddev	.0024039	.0018732	.0024151	.0027371	.0006734	.012963	.0006377
%RSD	.3385089	.9121531	1.157169	.8157508	.3156313	.6006278	.1973539

#1	.7076043	.2058623	.2077009	.3345563	.2125709	2.143350	.3237925
#2	.7104415	.2069221	.2069523	.3334076	.2136737	2.165249	.3225369
#3	.7123843	.2032803	.2114590	.3386171	.2137918	2.166319	.3229713



Sample Name: K5337-02MSD Acquired: 10/15/2019 18:50:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: HHT-WATERMSD Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.615857	38.00132	11.39831
Stddev	.021676	.24364	.08455
%RSD	.5994716	.6411234	.7417853

#1	3.591787	37.72488	11.30137
#2	3.621947	38.09430	11.45683
#3	3.633836	38.18477	11.43672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.603	32582.05	5298.387	1146.613	1860.896
Stddev	5.262	824.61	35.965	20.738	2.233
%RSD	.2955018	2.530866	.6787832	1.808663	.1199949

#1	1782.087	33127.82	5256.861	1159.684	1860.718
#2	1784.963	32984.87	5318.733	1157.455	1863.213
#3	1774.758	31633.46	5319.566	1122.701	1858.758



Sample Name: K5337-02A Acquired: 10/15/2019 18:54:27 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8034404	2.034531	.9804985	2.075397	.7911506	2.154545	.2516533
Stddev	.0061109	.005891	.0025923	.012547	.0019851	.021759	.0045516
%RSD	.7605879	.2895402	.2643891	.6045721	.2509088	1.009929	1.808686

#1	.8010859	2.028030	.9785460	2.064297	.7928657	2.135564	.2463991
#2	.8103783	2.039514	.9795099	2.072884	.7889761	2.178292	.2543918
#3	.7988571	2.036051	.9834397	2.089011	.7916099	2.149778	.2541691

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111832	18.94610	.4050707	.1986962	.3970014	4.440767	.4987895
Stddev	.0019340	.32240	.0021140	.0009338	.0042771	.100294	.0017278
%RSD	.9157711	1.701669	.5218802	.4699391	1.077344	2.258488	.3463931

#1	.2129150	18.57710	.4074911	.1977119	.3920689	4.354280	.4969982
#2	.2115384	19.08793	.4035861	.1995695	.3996830	4.417311	.4989244
#3	.2090963	19.17328	.4041351	.1988072	.3992522	4.550711	.5004458

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755314	.3098004	.2148540	6.019759	.3380985	.4096913	1.153759
Stddev	.0005542	.0073902	.0016152	.027141	.0033951	.0017581	.001105
%RSD	.7337956	2.385482	.7517838	.4508679	1.004171	.4291241	.0957819

#1	.0749154	.3013900	.2149498	5.988499	.3349524	.4081389	1.154908
#2	.0756889	.3127550	.2131931	6.037328	.3416972	.4093346	1.152704
#3	.0759898	.3152562	.2164193	6.033450	.3376459	.4116004	1.153665

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6896448	.1995032	.2027668	.3244969	.2084913	2.111993	.3147579
Stddev	.0024003	.0027487	.0032350	.0021195	.0017045	.020973	.0032081
%RSD	.3480500	1.377768	1.595409	.6531492	.8175224	.9930265	1.019245

#1	.6870742	.1963372	.2000095	.3220547	.2074353	2.088082	.3139167
#2	.6918276	.2008914	.2019631	.3255814	.2075811	2.127272	.3120541
#3	.6900327	.2012809	.2063279	.3258547	.2104577	2.120625	.3183028



Sample Name: K5337-02A Acquired: 10/15/2019 18:54:27 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.471363	36.98778	11.04811
Stddev	.077788	.87219	.31856
%RSD	2.240859	2.358051	2.883408

#1	3.395152	36.02177	10.70148
#2	3.468298	37.22413	11.11479
#3	3.550638	37.71743	11.32804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.782	32785.24	5287.910	1161.973	1869.082
Stddev	9.924	106.11	56.977	13.161	13.313
%RSD	.5560610	.3236488	1.077488	1.132619	.7122709

#1	1784.157	32674.78	5232.784	1151.116	1865.020
#2	1775.185	32886.38	5284.372	1176.610	1858.273
#3	1795.004	32794.55	5346.573	1158.192	1883.953



Sample Name: K5215-15 Acquired: 10/15/2019 18:58:21 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 30358-360-36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000175	.0000524	.0807126	.0126111	.0046430	.0503898	.2183389
Stddev	.000603	.0019063	.0024668	.0054451	.0010315	.0077729	.0167389
%RSD	344.8568	3636.339	3.056267	43.17737	22.21590	15.42560	7.666485

#1	-.000412	-.001685	.0780830	.0188522	.0037574	.0421818	.1991203
#2	.000511	.002092	.0810793	.0101508	.0057755	.0513489	.2261659
#3	-.000623	-.000250	.0829756	.0088302	.0043960	.0576386	.2297305

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002151	12.95040	.0002261	.0006195	.1900346	3.780939	.0027993
Stddev	.0001091	.98221	.0004043	.0003546	.0150488	.320367	.0008593
%RSD	50.70409	7.584437	178.8061	57.24557	7.918965	8.473206	30.69850

#1	.0002850	11.82107	.0004894	.0002639	.1726666	3.412037	.0023793
#2	.0002709	13.42447	.0004284	.0009733	.1982389	3.941545	.0022307
#3	.0000894	13.60565	-.000239	.0006214	.1991984	3.989234	.0037878

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000245	.0023972	.1922808	.2619768	.0740535	-.001304	.7155280
Stddev	.000657	.0035256	.0007479	.0045617	.0054044	.000196	.0080628
%RSD	267.8999	147.0725	.3889661	1.741259	7.297929	15.02755	1.126832

#1	.000291	-.000593	.1919468	.2663901	.0678149	-.001516	.7174833
#2	-.000049	.006285	.1931375	.2572799	.0773047	-.001268	.7224333
#3	-.000979	.001500	.1917580	.2622604	.0770408	-.001129	.7066674

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003214	.0009589	.0014459	.0598059	.0001135	1.041671	.0033582
Stddev	.001180	.0002192	.0019797	.0043609	.0001452	.016884	.0000783
%RSD	36.70095	22.85455	136.9151	7.291834	127.8481	1.620880	2.330807

#1	-.004577	.0011938	-.000707	.0547801	-.000037	1.023646	.0032774
#2	-.002546	.0007599	.001856	.0620477	.000125	1.044247	.0034336
#3	-.002521	.0009231	.003188	.0625900	.000252	1.057119	.0033635



Sample Name: K5215-15 Acquired: 10/15/2019 18:58:21 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 30358-360-36 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0438807	159.3670	2.010964
Stddev	.0036428	5.6499	.094183
%RSD	8.301637	3.545235	4.683482

#1	.0426775	153.0521	1.902528
#2	.0409916	161.1057	2.072364
#3	.0479729	163.9433	2.058001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.336	31532.75	5466.003	1113.581	1770.226
Stddev	4.066	54.86	218.773	3.381	.467
%RSD	.2360710	.1739668	4.002435	.3036085	.0263874

#1	1719.160	31502.32	5717.314	1109.888	1769.893
#2	1720.929	31499.85	5362.567	1114.330	1770.026
#3	1726.918	31596.08	5318.127	1116.524	1770.760



Sample Name: K5355-07 Acquired: 10/15/2019 19:02:22 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001611	-.001501	.0302076	.0524299	.0193406	-.008890	.1287520
Stddev	.003036	.002511	.0010986	.0019834	.0027305	.012725	.0103117
%RSD	188.4278	167.3582	3.636670	3.782918	14.11796	143.1455	8.008963

#1	-.000483	-.002962	.0296820	.0543209	.0165349	.005693	.1174759
#2	-.005050	-.002939	.0294706	.0526032	.0194979	-.014615	.1377019
#3	.000699	.001399	.0314702	.0503655	.0219891	-.017746	.1310781

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001758	110.7142	.0004345	.0058708	.6811678	2.881414	.0123794
Stddev	.0001063	8.5113	.0006340	.0003149	.0499808	.237224	.0009908
%RSD	60.46268	7.687641	145.9138	5.363526	7.337516	8.232913	8.003942

#1	.0002967	101.3243	.0009621	.0055098	.6256302	2.608785	.0124938
#2	.0000973	117.9219	.0006103	.0060891	.7225293	3.040759	.0113363
#3	.0001333	112.8965	-.000269	.0060134	.6953438	2.994698	.0133081

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000786	-.000664	.2598131	.0109797	.0176472	-.004579	2.975968
Stddev	.000408	.001173	.0006530	.0020404	.0027893	.000541	.001762
%RSD	51.96307	176.6344	.2513537	18.58305	15.80595	11.82087	.0592070

#1	-.000990	-.001209	.2593004	.0120674	.0169431	-.004680	2.974731
#2	-.001052	-.001465	.2605483	.0122458	.0207210	-.003994	2.977985
#3	-.000316	.000682	.2595907	.0086260	.0152773	-.005063	2.975186

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005889	-.000200	.0044599	.3576220	.0019125	5.698801	.0103211
Stddev	.000631	.000974	.0043015	.0263013	.0001751	.188781	.0003613
%RSD	10.70650	486.4081	96.44994	7.354506	9.156178	3.312640	3.500999

#1	-.005281	-.001198	-.000429	.3291410	.0020496	5.486585	.0104641
#2	-.005847	.000749	.007662	.3809940	.0017152	5.761765	.0099102
#3	-.006540	-.000152	.006147	.3627310	.0019727	5.848053	.0105891



Sample Name: K5355-07 Acquired: 10/15/2019 19:02:22 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: COMP-31 Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0242458	183.4619	1.986038
Stddev	.0001527	5.5769	.069848
%RSD	.6299063	3.039799	3.516930

#1	.0240776	177.1315	1.905871
#2	.0242838	185.6046	2.018464
#3	.0243759	187.6497	2.033779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.899	31132.73	5477.135	1093.478	1731.431
Stddev	2.358	140.43	307.731	6.591	4.527
%RSD	.1395073	.4510590	5.618473	.6027149	.2614413

#1	1687.179	31004.02	5774.231	1099.963	1728.086
#2	1691.152	31111.68	5159.771	1093.683	1729.626
#3	1691.365	31282.49	5497.402	1086.787	1736.582



Sample Name: K5355-08 Acquired: 10/15/2019 19:06:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003556	-.002776	.0162118	.0488978	.0131751	-.006397	.1540887
Stddev	.003528	.004706	.0019511	.0020346	.0027258	.023009	.0113890
%RSD	99.19258	169.5176	12.03512	4.160946	20.68893	359.7094	7.391192

#1	-.004356	-.006261	.0163242	.0511667	.0130359	-.032008	.1410465
#2	-.006616	.002577	.0181042	.0472355	.0105216	.012528	.1591489
#3	.000302	-.004645	.0142069	.0482910	.0159678	.000291	.1620708

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001105	123.9665	.0006054	.0040408	.6978640	4.700988	.0123518
Stddev	.0000712	9.7532	.0002943	.0003242	.0530995	.433188	.0002626
%RSD	64.46025	7.867603	48.61456	8.023094	7.608862	9.214831	2.125672

#1	.0000871	112.8134	.0005712	.0038008	.6369695	4.214010	.0125949
#2	.0000539	128.1902	.0003297	.0039121	.7221099	4.845526	.0120734
#3	.0001905	130.8961	.0009153	.0044096	.7345125	5.043428	.0123871

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000814	.0015161	.1301329	.0157902	.0289331	-.004958	3.253744
Stddev	.000963	.0021943	.0006042	.0023451	.0027338	.000841	.005124
%RSD	118.2706	144.7343	.4643094	14.85179	9.448803	16.96961	.1574780

#1	-.001661	-.000964	.1297008	.0180903	.0267402	-.005095	3.259524
#2	-.001016	.002308	.1298745	.0134025	.0319961	-.005723	3.251948
#3	.000234	.003205	.1308233	.0158778	.0280630	-.004057	3.249759

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005764	-.000073	.0070438	.3368701	.0006616	7.280154	.0098618
Stddev	.001933	.000263	.0023853	.0251078	.0000762	.266439	.0001455
%RSD	33.52695	357.6690	33.86366	7.453262	11.51208	3.659801	1.475471

#1	-.004255	-.000148	.0046135	.3082357	.0005846	6.982268	.0098259
#2	-.007943	.000218	.0093814	.3472561	.0007369	7.362479	.0097376
#3	-.005095	-.000291	.0071367	.3551185	.0006632	7.495714	.0100219



Sample Name: K5355-08 Acquired: 10/15/2019 19:06:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-32 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0239627	192.0391	2.678955
Stddev	.0106504	6.2962	.120172
%RSD	44.44562	3.278622	4.485773

#1	.0196133	185.0129	2.540945
#2	.0360995	193.9344	2.735468
#3	.0161754	197.1699	2.760453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1696.759	31416.82	5448.513	1082.185	1721.587
Stddev	4.242	41.09	250.862	9.181	2.458
%RSD	.2500263	.1308057	4.604230	.8483599	.1427635

#1	1696.994	31428.21	5738.120	1076.314	1721.203
#2	1692.405	31371.23	5308.965	1092.765	1719.344
#3	1700.880	31451.02	5298.455	1077.476	1724.214



Sample Name: K5355-09 Acquired: 10/15/2019 19:10:26 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005858	-.001440	.0180404	.0425684	.0155726	-.021793	.1030093
Stddev	.0033859	.001012	.0024063	.0042429	.0023355	.018621	.0102066
%RSD	578.0203	70.29510	13.33867	9.967353	14.99771	85.44861	9.908459

#1	.0042520	-.001333	.0163444	.0445492	.0172242	-.034858	.0916001
#2	-.000071	-.002502	.0207944	.0454587	.0129005	-.030050	.1061551
#3	-.002424	-.000486	.0169823	.0376973	.0165931	-.000470	.1112728

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000047	93.96196	-.000178	.0061549	.5753053	3.174745	.0106322
Stddev	.0000794	8.60946	.000411	.0002684	.0520937	.323294	.0008232
%RSD	1702.077	9.162709	230.3706	4.360675	9.054970	10.18330	7.742314

#1	.0000686	84.32389	.000254	.0061617	.5164266	2.809533	.0101850
#2	-.000084	96.67063	-.000564	.0064199	.5940806	3.290391	.0115822
#3	.000030	100.8913	-.000225	.0058832	.6154088	3.424312	.0101296

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001023	.0016939	.1760558	.0134909	.0149183	-.004627	2.252903
Stddev	.000462	.0028082	.0020857	.0045101	.0011677	.000185	.014019
%RSD	45.19564	165.7843	1.184652	33.43071	7.827190	4.002226	.6222856

#1	-.000793	.0028317	.1736862	.0083989	.0136344	-.004730	2.252398
#2	-.000721	-.001505	.1768681	.0169826	.0159169	-.004414	2.239143
#3	-.001556	.003754	.1776130	.0150912	.0152037	-.004739	2.267169

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005674	-.001154	.0053767	.2971916	.0015127	4.386674	.0088662
Stddev	.000281	.002137	.0029864	.0247829	.0003051	.131766	.0004595
%RSD	4.956248	185.0846	55.54334	8.339022	20.16755	3.003775	5.182765

#1	-.005531	-.001883	.0019306	.2692815	.0011807	4.236605	.0085548
#2	-.005998	.001251	.0072078	.3056729	.0017808	4.439987	.0093940
#3	-.005494	-.002832	.0069919	.3166203	.0015767	4.483429	.0086500



Sample Name: K5355-09 Acquired: 10/15/2019 19:10:26 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: COMP-33 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.003042	154.1675	1.752119
Stddev	.016598	5.3585	.082055
%RSD	545.6708	3.475735	4.683171

#1	.016124	148.0882	1.670945
#2	-.012645	156.2100	1.750385
#3	-.012603	158.2044	1.835027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.734	31883.12	5449.981	1098.858	1745.965
Stddev	4.898	274.32	311.008	4.490	8.477
%RSD	.2872888	.8603802	5.706594	.4086015	.4855347

#1	1707.685	32199.63	5800.444	1103.110	1745.204
#2	1707.435	31714.24	5342.628	1094.163	1754.797
#3	1699.080	31735.48	5206.870	1099.299	1737.893



Sample Name: CCV06 Acquired: 10/15/2019 19:14:28 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15602 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.105801	5.068378	5.058048	5.107960	5.096662	10.29293	10.16685
Stddev	.015254	.024168	.026621	.017229	.016304	.20282	.18304
%RSD	.2987578	.4768439	.5263095	.3372942	.3198944	1.970489	1.800356

#1	5.089364	5.044705	5.030890	5.089784	5.080955	10.06317	9.96669
#2	5.108537	5.067416	5.059156	5.124052	5.095528	10.36850	10.20813
#3	5.119501	5.093013	5.084098	5.110044	5.113504	10.44711	10.32572

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2617835	25.30058	1.016014	2.537879	2.566910	25.58284	2.536811
Stddev	.0004675	.49394	.003474	.010455	.058635	.47686	.007860
%RSD	.1785868	1.952272	.3419157	.4119664	2.284275	1.863986	.3098271

#1	.2622293	24.75846	1.012787	2.527920	2.500498	25.03491	2.528758
#2	.2618243	25.41817	1.015563	2.536949	2.588705	25.80962	2.537212
#3	.2612969	25.72511	1.019691	2.548769	2.611526	25.90399	2.544462

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.273059	2.521602	2.597433	5.148760	5.207609	5.137227	5.010908
Stddev	.002681	.044242	.019843	.025771	.011183	.022883	.007677
%RSD	.2105633	1.754502	.7639647	.5005193	.2147466	.4454436	.1532118

#1	1.275852	2.472666	2.577716	5.134297	5.195129	5.110806	5.008890
#2	1.272819	2.533373	2.617400	5.133469	5.216722	5.150795	5.004441
#3	1.270507	2.558768	2.597184	5.178513	5.210974	5.150078	5.019393

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077469	4.956569	5.032173	5.128232	2.593375	4.880719	1.303399
Stddev	.002389	.085108	.102830	.089116	.002432	.112616	.005334
%RSD	.0470464	1.717075	2.043454	1.737749	.0937933	2.307355	.4092710

#1	5.078982	4.863619	4.917332	5.030041	2.594065	4.750881	1.309492
#2	5.078709	4.975411	5.063464	5.150673	2.590672	4.939421	1.301138
#3	5.074715	5.030678	5.115723	5.203982	2.595388	4.951857	1.299567



Sample Name: CCV06 Acquired: 10/15/2019 19:14:28 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15602 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	4.995528	24.88272	25.17435
Stddev	.120812	.55435	.67165
%RSD	2.418393	2.227833	2.667996

#1	4.881134	24.28487	24.40949
#2	4.983580	24.98357	25.44559
#3	5.121869	25.37971	25.66796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.708	32948.63	5347.745	1140.690	1809.372
Stddev	6.365	61.12	12.571	5.792	7.466
%RSD	.3572509	.1855110	.2350792	.5077949	.4126324

#1	1788.913	32882.54	5338.694	1145.820	1817.259
#2	1779.365	32960.23	5342.441	1134.408	1808.441
#3	1776.847	33003.12	5362.099	1141.842	1802.414



Sample Name: CCB06 Acquired: 10/15/2019 19:18:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15602 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023280	.0023086	F .0040986	-.000258	.0004421	-.003264
Stddev	.0025214	.0014901	.0001522	.002930	.0015762	.010316
%RSD	108.3078	64.54720	3.712649	1137.691	356.5514	316.0209

#1	.0051569	.0019577	.0039239	-.001919	.0007449	.007638
#2	.0015099	.0039428	.0041693	.003125	.0018449	-.004558
#3	.0003172	.0010252	.0042025	-.001978	-.001264	-.012873

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032610	.0000719	-.011775	-.000246	.0001468	-.001081
Stddev	.0000806	.0001269	.004508	.000375	.0003338	.000553
%RSD	2.473159	176.5526	38.28489	152.0887	227.3780	51.15336

#1	.0033252	.0000751	-.009775	-.000395	-.000087	-.000896
#2	.0031705	-.000057	-.016937	-.000524	-.000001	-.000645
#3	.0032875	.000197	-.008613	.000180	.000529	-.001703

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002496	.0005564	-.000040	.0007550	-.002641	.0011956
Stddev	.027884	.0008531	.000143	.0054679	.000473	.0026202
%RSD	1117.229	153.3222	355.1927	724.2034	17.91706	219.1484

#1	.022916	.0002090	.000113	-.003512	-.003006	-.001440
#2	-.032324	-.000068	-.000170	-.001141	-.002106	.003800
#3	.001920	.001528	-.000064	.006919	-.002811	.001228

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000675	.0016783	-.006815	-.003862	.0001573	-.002226
Stddev	.000554	.0001187	.002478	.000728	.0008682	.000719
%RSD	82.01093	7.069950	36.36706	18.86003	552.0527	32.31243

#1	-.001289	.0017179	-.009670	-.004558	.0010933	-.001622
#2	-.000214	.0015449	-.005211	-.003105	-.000622	-.003021
#3	-.000523	.0017721	-.005565	-.003924	.000000	-.002034



Sample Name: CCB06 Acquired: 10/15/2019 19:18:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15602 Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000642	.0000171	.0160382	-.002123	-.006978	.0395383
Stddev	.0001479	.0000104	.0194796	.000439	.004554	.0031907
%RSD	230.3553	61.24939	121.4576	20.66628	65.26505	8.069907

#1	.0002341	.0000080	.0133933	-.002407	-.004620	.0374900
#2	-.000005	.0000285	.0367052	-.002345	-.012227	.0379103
#3	-.000036	.0000147	-.001984	-.001618	-.004085	.0432146

Elem	K_7664
Units	ppm
Avg	-.069427
Stddev	.019084
%RSD	27.48836

#1	-.068796
#2	-.050666
#3	-.088818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.596	35102.77	5488.594	1233.103	2025.212
Stddev	16.565	16.48	13.535	15.702	17.928
%RSD	.8827242	.0469370	.2466028	1.273376	.8852204

#1	1895.674	35084.80	5503.374	1215.344	2045.851
#2	1868.246	35117.16	5485.603	1238.816	2013.500
#3	1865.867	35106.35	5476.805	1245.148	2016.286



Sample Name: K5356-02 Acquired: 10/15/2019 19:22:14 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-12017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010213	-.000605	.0294625	.0357692	.0131059	-.003753	.0468601
Stddev	.0044161	.001107	.0028949	.0036635	.0010730	.012224	.0046470
%RSD	432.4201	182.9182	9.825675	10.24214	8.187224	325.7325	9.916803

#1	.0055495	-.000942	.0270505	.0374048	.0143322	-.009298	.0430519
#2	-.003273	-.001504	.0286643	.0383300	.0123395	.010261	.0454904
#3	.000788	.000631	.0326728	.0315728	.0126459	-.012222	.0520380

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001118	55.59736	.0005520	.0029856	.4092527	1.777110	.0068409
Stddev	.0000681	5.44692	.0006855	.0001061	.0399242	.164453	.0007334
%RSD	60.91290	9.797079	124.1810	3.554811	9.755383	9.253970	10.72079

#1	.0000644	50.55162	.0004459	.0030473	.3720277	1.648031	.0061810
#2	.0000811	54.86842	-.000074	.0030464	.4043138	1.721031	.0076305
#3	.0001898	61.37205	.001284	.0028630	.4514165	1.962268	.0067112

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000772	-.000999	.3028218	.0284725	.0825686	-.003551	32.49717
Stddev	.000085	.002968	.0010352	.0017044	.0074425	.000406	.24632
%RSD	11.05288	297.1837	.3418469	5.986192	9.013756	11.44135	.7579653

#1	-.000823	.000307	.3019113	.0304148	.0759611	-.003151	32.21985
#2	-.000820	.001093	.3039477	.0272261	.0811135	-.003540	32.58112
#3	-.000674	-.004396	.3026062	.0277767	.0906312	-.003963	32.69053

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015078	-.000469	.0075293	.0847368	.0004700	.3833026	.0053462
Stddev	.000544	.001286	.0026901	.0082274	.0000480	.0381230	.0008081
%RSD	3.611121	274.2077	35.72802	9.709374	10.21189	9.945914	15.11470

#1	-.015484	.000415	.0047456	.0772138	.0005073	.3393209	.0045321
#2	-.014459	.000122	.0077275	.0834740	.0004869	.4036910	.0053583
#3	-.015290	-.001945	.0101148	.0935226	.0004159	.4068958	.0061481



Sample Name: K5356-02 Acquired: 10/15/2019 19:22:14 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-12017 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0018380	167.9146	.7827776
Stddev	.0044573	6.6330	.0686884
%RSD	242.5055	3.950218	8.774961

#1	-.001868	160.5463	.7034673
#2	.000599	169.7881	.8231482
#3	.006784	173.4093	.8217172

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.734	31580.36	5534.374	1102.652	1777.399
Stddev	4.815	137.08	319.134	1.914	7.872
%RSD	.2794728	.4340749	5.766391	.1735665	.4429008

#1	1724.498	31499.90	5790.595	1100.591	1786.386
#2	1717.287	31502.54	5635.632	1102.994	1771.723
#3	1726.418	31738.65	5176.896	1104.372	1774.088



Sample Name: K5357-02 Acquired: 10/15/2019 19:26:15 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011493	-.000397	.0022306	.0133712	.0051551	.0413365	.1604859
Stddev	.0026287	.002263	.0000779	.0031080	.0007045	.0153584	.0037592
%RSD	228.7211	569.6274	3.493530	23.24387	13.66687	37.15469	2.342390

#1	-.000676	.000326	.0022634	.0168935	.0048504	.0550990	.1561552
#2	-.000039	.001416	.0022869	.0122059	.0059607	.0247688	.1623951
#3	.004162	-.002933	.0021417	.0110143	.0046541	.0441417	.1629073

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001628	20.26766	.0000361	-.000210	.3161172	.9087518	.0024568
Stddev	.0001482	.57726	.0004271	.000213	.0076716	.0278450	.0002132
%RSD	91.02948	2.848201	1183.226	101.6791	2.426828	3.064094	8.678973

#1	-.000008	19.61745	-.000454	-.000441	.3073940	.8903517	.0026085
#2	.000259	20.46567	.000325	-.000165	.3191439	.9407865	.0025489
#3	.000237	20.71986	.000238	-.000022	.3218139	.8951173	.0022130

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	.0013551	.1748211	.0172762	.0753064	-.001387	1.399089
Stddev	.000550	.0062787	.0002949	.0003105	.0005567	.000629	.007596
%RSD	415.4382	463.3280	.1686691	1.797286	.7392110	45.33736	.5429265

#1	-.000190	.0067452	.1749176	.0169571	.0746659	-.001374	1.395152
#2	-.000652	-.005539	.1744901	.0172942	.0755800	-.000765	1.394269
#3	.000444	.002859	.1750557	.0175773	.0756733	-.002023	1.407845

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003651	.0004463	.0003196	.1275884	-.000098	.4676876	.0022771
Stddev	.001117	.0005245	.0033886	.0028834	.000197	.0346918	.0005575
%RSD	30.59189	117.5276	1060.376	2.259899	201.5190	7.417725	24.48124

#1	-.003541	-.000034	-.002797	.1243563	-.000261	.4276325	.0026747
#2	-.002594	.001006	.003927	.1285125	.000121	.4881765	.0025168
#3	-.004819	.000366	-.000171	.1298964	-.000152	.4872537	.0016399



Sample Name: K5357-02 Acquired: 10/15/2019 19:26:15 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.013623	169.3361	.9955518
Stddev	.002396	4.1635	.0236180
%RSD	17.59073	2.458737	2.372348

#1	-.015733	164.5555	.9749082
#2	-.011018	171.2856	1.021307
#3	-.014118	172.1673	.990440

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.601	32841.96	5461.525	1132.078	1802.681
Stddev	5.039	83.00	29.926	4.688	10.262
%RSD	.2844550	.2527260	.5479493	.4141037	.5692565

#1	1771.826	32842.84	5455.009	1130.134	1804.031
#2	1776.525	32758.52	5494.172	1137.425	1812.201
#3	1766.453	32924.51	5435.393	1128.675	1791.811



Sample Name: K5357-02DUP Acquired: 10/15/2019 19:30:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000563	-.001729	.0004117	.0127987	.0073314	.0289118	.1588767
Stddev	.001503	.002639	.0008580	.0040704	.0015689	.0132495	.0104327
%RSD	266.7073	152.6288	208.4042	31.80284	21.40034	45.82722	6.566520

#1	-.001789	-.000062	.0011157	.0156115	.0056251	.0280187	.1468310
#2	-.001014	-.004772	-.000544	.0146533	.0087117	.0425852	.1647669
#3	.001113	-.000353	.000663	.0081313	.0076575	.0161315	.1650321

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001391	19.99426	-.000132	-.000202	.3112806	.9066699	.0025712
Stddev	.0000725	1.32089	.000266	.000421	.0187449	.0370260	.0001998
%RSD	52.11612	6.606359	201.2987	208.6415	6.021866	4.083738	7.769620

#1	.0001259	18.46914	-.000350	-.000384	.2896474	.8685998	.0024022
#2	.0002173	20.74102	-.000211	-.000500	.3214859	.9088550	.0027917
#3	.0000741	20.77264	.000164	.000280	.3227085	.9425551	.0025198

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000566	.0027249	.1760635	.0165256	.0736059	-.001678	1.398034
Stddev	.000859	.0037507	.0007797	.0014467	.0054876	.000572	.009945
%RSD	151.6733	137.6486	.4428498	8.754554	7.455418	34.08127	.7113772

#1	.000242	.0047230	.1755280	.0177909	.0673262	-.002160	1.393114
#2	-.001467	.0050535	.1769580	.0168375	.0760125	-.001046	1.391509
#3	-.000473	-.001602	.1757044	.0149483	.0774791	-.001829	1.409481

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003999	-.000038	-.000022	.1264085	.0001271	.4480717	.0017616
Stddev	.001263	.001039	.001637	.0077549	.0002302	.0135874	.0008301
%RSD	31.58501	2727.253	7287.065	6.134806	181.1213	3.032415	47.12259

#1	-.004724	-.000094	-.001684	.1174605	.0003892	.4328324	.0009550
#2	-.004733	-.001048	.000029	.1305842	.0000337	.4524602	.0017165
#3	-.002541	.001028	.001588	.1311808	-.000042	.4589225	.0026134



Sample Name: K5357-02DUP Acquired: 10/15/2019 19:30:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933DUP Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	-.000249	170.2470	1.028763
Stddev	.004737	3.9936	.056748
%RSD	1901.487	2.345773	5.516090

#1	-.002041	165.6673	.964369
#2	.005122	172.0690	1.050459
#3	-.003828	173.0047	1.071462

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.779	32707.29	5575.775	1146.252	1792.090
Stddev	16.235	128.15	249.804	11.779	21.546
%RSD	.9246733	.3918042	4.480171	1.027599	1.202264

#1	1768.900	32581.19	5862.946	1133.014	1805.621
#2	1760.815	32837.39	5408.701	1150.166	1803.404
#3	1737.623	32703.30	5455.677	1155.575	1767.244



Sample Name: K5357-02LX5 Acquired: 10/15/2019 19:34:21 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8640 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029284	.0004119	.0018400	.0039119	.0031393	.0091511	.0347293
Stddev	.0033544	.0023228	.0012557	.0016122	.0022227	.0096602	.0008601
%RSD	114.5496	563.8818	68.24287	41.21224	70.80373	105.5642	2.476732

#1	.0068013	.0029539	.0004833	.0031770	.0033421	.0080555	.0342066
#2	.0010416	-.000118	.0029612	.0027981	.0052537	.0193124	.0342592
#3	.0009422	-.001600	.0020754	.0057606	.0008221	.0000853	.0357220

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001094	4.025470	-.001437	.0003342	.0623480	.1780063	.0009395
Stddev	.0001645	.121056	.000315	.0001394	.0017611	.0066787	.0001619
%RSD	150.3923	3.007255	21.88411	41.69928	2.824574	3.751915	17.23013

#1	.0002239	3.886474	-.001643	.0004782	.0603171	.1832698	.0011013
#2	.0001832	4.082136	-.001075	.0003243	.0634535	.1802557	.0009396
#3	-.000079	4.107799	-.001593	.0002000	.0632732	.1704934	.0007775

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000203	.0032035	.0349904	.0036294	.0118808	-.000548	.2636842
Stddev	.000678	.0032326	.0002236	.0014412	.0013677	.000054	.0028697
%RSD	334.5908	100.9095	.6389919	39.70803	11.51187	9.807587	1.088305

#1	.000160	-.000487	.0352029	.0021599	.0110433	-.000495	.2604074
#2	-.000985	.004564	.0350110	.0036879	.0111399	-.000602	.2648959
#3	.000217	.005533	.0347571	.0050404	.0134591	-.000547	.2657493

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001646	.0003190	.0008920	.0254269	-.000126	.1069841	-.001255
Stddev	.000613	.0029683	.0014413	.0004969	.000266	.0082821	.000412
%RSD	37.22131	930.4641	161.5743	1.954404	211.5406	7.741468	32.83621

#1	-.002348	-.002517	-.000336	.0248533	-.000162	.1137958	-.000872
#2	-.001216	.003404	.000533	.0257260	.000156	.0977649	-.001201
#3	-.001374	.000071	.002479	.0257014	-.000371	.1093916	-.001691



Sample Name: K5357-02LX5 Acquired: 10/15/2019 19:34:21 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8640 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0024344	34.05800	.1789950
Stddev	.0023682	.91460	.0227765
%RSD	97.28051	2.685426	12.72466

#1	.0008312	33.01225	.1593006
#2	.0051545	34.45320	.2039375
#3	.0013175	34.70855	.1737468

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.946	33840.19	5512.189	1171.887	1917.692
Stddev	7.645	73.69	21.140	6.840	8.212
%RSD	.4214797	.2177638	.3835172	.5836992	.4282296

#1	1806.985	33775.01	5502.699	1166.600	1908.703
#2	1822.129	33825.41	5497.457	1169.449	1924.802
#3	1812.724	33920.15	5536.412	1179.613	1919.570



Sample Name: K5357-02MS Acquired: 10/15/2019 19:38:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7900145	1.953431	.9614150	1.922456	.8064950	1.998607	.3588636
Stddev	.0068976	.009290	.0042635	.006639	.0029453	.136518	.0250368
%RSD	.8730924	.4755917	.4434649	.3453202	.3651938	6.830660	6.976698

#1	.7853671	1.942705	.9567495	1.915109	.8036447	1.855665	.3322096
#2	.7979398	1.958957	.9651089	1.928023	.8063134	2.012520	.3624945
#3	.7867367	1.958631	.9623864	1.924236	.8095268	2.127635	.3818868

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1881719	20.69487	.4141199	.1995281	.4968466	2.765815	.4981541
Stddev	.0070425	1.48620	.0145671	.0010824	.0354151	.210537	.0025977
%RSD	3.742572	7.181508	3.517606	.5424877	7.127980	7.612123	.5214735

#1	.1820573	19.09626	.4050974	.1983562	.4595904	2.549057	.4964213
#2	.1865866	20.95368	.4063371	.1997381	.5008729	2.778863	.4969001
#3	.1958719	22.03467	.4309253	.2004902	.5300765	2.969525	.5011410

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735476	.2921112	.3817364	5.981958	.3528112	.4262643	1.367863
Stddev	.0018075	.0206410	.0092818	.025178	.0116466	.0022180	.005266
%RSD	2.457547	7.066132	2.431468	.4209046	3.301078	.5203218	.3849719

#1	.0722618	.2689775	.3772720	5.957925	.3409137	.4242302	1.361879
#2	.0727668	.2987110	.3755304	5.979805	.3533304	.4259337	1.369924
#3	.0756142	.3086451	.3924069	6.008143	.3641894	.4286290	1.371787

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7107771	.1923352	.1946166	.3186671	.1953941	1.394209	.2989590
Stddev	.0017433	.0131511	.0131742	.0205303	.0018047	.059869	.0025041
%RSD	.2452631	6.837583	6.769312	6.442543	.9236194	4.294132	.8376063

#1	.7093763	.1791765	.1805653	.2974526	.1943800	1.325168	.2975595
#2	.7102255	.1923503	.1965947	.3201119	.1943246	1.431790	.2974675
#3	.7127294	.2054787	.2066900	.3384369	.1974778	1.425668	.3018500



Sample Name: K5357-02MS Acquired: 10/15/2019 19:38:24 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933MS Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	2.935066	169.8358	10.79153
Stddev	.139727	6.8954	.37534
%RSD	4.760600	4.060023	3.478095

#1	2.774109	161.9773	10.37288
#2	3.005898	172.6568	10.90375
#3	3.025192	174.8734	11.09796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.787	31306.86	5489.526	1100.385	1778.096
Stddev	9.833	851.23	170.560	30.965	8.515
%RSD	.5658189	2.718983	3.107010	2.813983	.4788926

#1	1734.576	31783.63	5652.110	1114.410	1775.306
#2	1729.961	31812.85	5504.492	1121.856	1771.327
#3	1748.824	30324.09	5311.976	1064.890	1787.657



Sample Name: K5357-02MSD Acquired: 10/15/2019 19:42:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7821555	1.951467	.9594721	1.911964	.7999786	1.984168	.3552788
Stddev	.0008581	.007057	.0011071	.003022	.0015325	.149149	.0243681
%RSD	.1097058	.3616254	.1153887	.1580577	.1915625	7.516973	6.858878

#1	.7830318	1.959036	.9586201	1.913842	.8010046	1.811983	.3271774
#2	.7821176	1.950296	.9590726	1.908478	.7982170	2.073360	.3680876
#3	.7813170	1.945069	.9607235	1.913571	.8007142	2.067163	.3705713

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890639	20.32637	.4231561	.1997233	.4950965	2.800271	.4974326
Stddev	.0067596	1.41533	.0294220	.0003412	.0349945	.205799	.0025044
%RSD	3.575305	6.963021	6.952986	.1708598	7.068210	7.349270	.5034655

#1	.1815692	18.69987	.4465519	.2000663	.4548842	2.562743	.4980223
#2	.1946992	21.00162	.4327919	.1993838	.5117615	2.925260	.4995895
#3	.1909234	21.27761	.3901244	.1997197	.5186437	2.912810	.4946860

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751733	.2923888	.3893097	5.952300	.3563745	.4254157	1.338530
Stddev	.0045251	.0225449	.0252974	.015295	.0107071	.0008666	.002122
%RSD	6.019604	7.710583	6.498014	.2569599	3.004456	.2037009	.1585242

#1	.0790115	.2666164	.4101830	5.963631	.3450571	.4245461	1.340936
#2	.0763246	.3020956	.3965703	5.934902	.3663437	.4262792	1.337730
#3	.0701837	.3084545	.3611760	5.958365	.3577225	.4254217	1.336925

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7124363	.1887438	.1935033	.3153651	.1945956	1.375458	.2989147
Stddev	.0020098	.0131040	.0144202	.0212287	.0006354	.032577	.0007659
%RSD	.2821087	6.942767	7.452195	6.731454	.3264984	2.368475	.2562405

#1	.7102039	.1741455	.1772556	.2908844	.1939214	1.337893	.2980309
#2	.7130029	.1925958	.1984720	.3265208	.1946822	1.392514	.2993278
#3	.7141020	.1994901	.2047821	.3286902	.1951832	1.395965	.2993855



Sample Name: K5357-02MSD Acquired: 10/15/2019 19:42:18 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 72-11933MSD Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	2.937208	167.1919	10.82970
Stddev	.108462	5.0000	.37423
%RSD	3.692691	2.990594	3.455580

#1	2.820475	161.4759	10.40411
#2	2.956281	169.3459	10.97762
#3	3.034868	170.7540	11.10735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.092	31049.19	5506.175	1088.327	1771.274
Stddev	3.137	1792.24	219.242	72.328	4.918
%RSD	.1810254	5.772257	3.981745	6.645765	.2776700

#1	1729.687	29672.26	5758.946	1031.746	1766.751
#2	1733.723	30399.67	5367.663	1063.418	1770.562
#3	1735.866	33075.63	5391.916	1169.818	1776.510



Sample Name: K5357-02A Acquired: 10/15/2019 19:46:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8640 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7832789	1.947598	.9568842	1.915760	.8029087	2.004523	.3611444
Stddev	.0013809	.003314	.0036284	.013435	.0030102	.170607	.0292532
%RSD	.1762957	.1701401	.3791937	.7012670	.3749174	8.511079	8.100152

#1	.7844143	1.951115	.9610206	1.905247	.8019417	1.815372	.3278530
#2	.7817416	1.944534	.9542387	1.930895	.8062836	2.051422	.3728386
#3	.7836806	1.947145	.9553933	1.911137	.8005007	2.146775	.3827415

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1885989	20.80471	.4050981	.1991750	.5047332	2.823681	.4954386
Stddev	.0089879	1.78939	.0015179	.0008150	.0441389	.207146	.0005617
%RSD	4.765591	8.600899	.3747120	.4091609	8.744997	7.336044	.1133724

#1	.1783032	18.76006	.4034070	.1983287	.4548305	2.584711	.4951767
#2	.1926156	21.56920	.4063428	.1999545	.5207103	2.934239	.4950558
#3	.1948781	22.08487	.4055444	.1992417	.5386587	2.952093	.4960834

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725907	.2929545	.3772641	5.945037	.3564925	.4243469	1.360546
Stddev	.0001738	.0251619	.0016845	.007135	.0229120	.0017557	.011282
%RSD	.2393804	8.589029	.4464909	.1200147	6.427055	.4137374	.8292344

#1	.0725686	.2642312	.3753190	5.953250	.3301193	.4230502	1.358361
#2	.0727744	.3035279	.3782302	5.941497	.3678626	.4236457	1.372760
#3	.0724290	.3111044	.3782429	5.940365	.3714955	.4263449	1.350516

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7096302	.1910339	.1970602	.3200795	.1952280	1.398265	.2995191
Stddev	.0024560	.0149245	.0194931	.0255852	.0007276	.056974	.0003634
%RSD	.3460994	7.812463	9.891948	7.993383	.3727038	4.074642	.1213171

#1	.7109756	.1738330	.1749202	.2909789	.1951604	1.333473	.2999126
#2	.7111196	.1987207	.2046168	.3302178	.1945366	1.420782	.2991963
#3	.7067955	.2005481	.2116437	.3390418	.1959871	1.440539	.2994485



Sample Name: K5357-02A Acquired: 10/15/2019 19:46:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8640 Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	2.947124	170.1060	10.89226
Stddev	.115773	5.2494	.41219
%RSD	3.928340	3.085950	3.784276

#1	2.813650	164.2283	10.41693
#2	3.007397	171.7621	11.10881
#3	3.020326	174.3276	11.15105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.146	32101.69	5490.004	1120.102	1781.940
Stddev	1.854	12.49	279.877	.739	6.802
%RSD	.1065357	.0388952	5.097940	.0660169	.3816988

#1	1740.575	32087.45	5810.630	1119.952	1780.412
#2	1738.116	32110.78	5364.771	1119.449	1776.033
#3	1741.748	32106.84	5294.613	1120.905	1789.376



Sample Name: K5148-08 Acquired: 10/15/2019 19:50:06 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0026171	.0015810	.0078867	.0107739	.0038706	.0748933	.0846964
Stddev	.0021470	.0024657	.0012388	.0062819	.0013663	.0097785	.0034532
%RSD	82.03909	155.9539	15.70697	58.30703	35.30083	13.05662	4.077143

#1	.0049224	.0015650	.0087547	.0177685	.0049360	.0636022	.0812906
#2	.0022541	-.000877	.0064681	.0089406	.0043457	.0806012	.0846033
#3	.0006747	.004055	.0084374	.0056125	.0023301	.0804764	.0881951

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001404	9.014067	.0001535	.0043302	.5861271	1.069097	.0039534
Stddev	.0001412	.401162	.0005190	.0004339	.0256737	.029046	.0003355
%RSD	100.5567	4.450396	338.1384	10.02046	4.380236	2.716889	8.486438

#1	.0002967	8.566755	.0000458	.0038666	.5587218	1.038087	.0037185
#2	.0001021	9.133491	-.000303	.0047265	.5900392	1.073535	.0038041
#3	.0000223	9.341956	.000718	.0043975	.6096202	1.095669	.0043377

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000603	.0037752	.0363848	.0085983	.0070967	-.000955	.1463083
Stddev	.0002158	.0026472	.0007053	.0028666	.0012716	.000091	.0015104
%RSD	358.0912	70.11964	1.938303	33.33939	17.91880	9.505499	1.032352

#1	.0001813	.0068318	.0370820	.0109042	.0077478	-.000970	.1474784
#2	-.000189	.0022773	.0356718	.0095018	.0056314	-.001038	.1446032
#3	.000188	.0022167	.0364007	.0053887	.0079109	-.000858	.1468434

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002496	.0000987	.0008251	.0269706	.0000638	.3637829	.0086362
Stddev	.001586	.0013748	.0009601	.0011802	.0001867	.0172281	.0005276
%RSD	63.54713	1393.164	116.3575	4.375928	292.5893	4.735809	6.109159

#1	-.000879	.0009598	-.000255	.0256408	.0001926	.3517653	.0089462
#2	-.002559	-.001487	.001150	.0273772	.0001491	.3835208	.0080270
#3	-.004049	.000823	.001581	.0278937	-.000150	.3560625	.0089352



Sample Name: K5148-08 Acquired: 10/15/2019 19:50:06 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.3093553	172.3505	.4575331
Stddev	.0186019	4.1165	.0374966
%RSD	6.013101	2.388418	8.195379

#1	.2943350	167.8194	.4156438
#2	.3035680	173.3725	.4689928
#3	.3301629	175.8597	.4879626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.225	32759.03	5426.380	1143.695	1812.585
Stddev	39.206	95.93	84.577	5.156	34.630
%RSD	2.209748	.2928337	1.558621	.4508263	1.910505

#1	1764.677	32665.18	5516.430	1149.649	1806.015
#2	1740.675	32754.99	5414.086	1140.718	1781.711
#3	1817.323	32856.91	5348.622	1140.718	1850.029



Sample Name: K5148-08DUP Acquired: 10/15/2019 19:54:09 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0032219	-.001516	.0080229	.0074782	.0033989	.0525843	.0794394
Stddev	.0020697	.002121	.0027523	.0052833	.0012939	.0023754	.0021590
%RSD	64.24018	139.9419	34.30517	70.64917	38.06760	4.517285	2.717783

#1	.0024243	-.003083	.0049591	.0115622	.0022679	.0552518	.0770722
#2	.0016695	-.002363	.0102861	.0093611	.0048099	.0506977	.0813001
#3	.0055717	.000898	.0088235	.0015114	.0031189	.0518033	.0799458

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000858	8.466803	.0002874	.0044266	.5481079	.9832413	.0038563
Stddev	.0001325	.275231	.0005660	.0002143	.0177867	.0293183	.0003085
%RSD	154.4392	3.250707	196.9422	4.841057	3.245114	2.981797	7.998989

#1	.0002369	8.151407	-.000262	.0043237	.5281192	.9555894	.0035176
#2	.0000311	8.658360	.000868	.0042832	.5621896	1.013981	.0041211
#3	-.000011	8.590640	.000256	.0046730	.5540148	.980153	.0039302

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000458	-.002469	.0371948	.0075039	.0058305	-.000734	.1432946
Stddev	.000131	.003160	.0002851	.0018139	.0017305	.000199	.0080853
%RSD	28.64512	127.9713	.7664307	24.17289	29.68049	27.13331	5.642440

#1	-.000438	.001179	.0371111	.0094120	.0058802	-.000964	.1439869
#2	-.000337	-.004311	.0369609	.0072979	.0075356	-.000630	.1348853
#3	-.000597	-.004277	.0375123	.0058018	.0040756	-.000609	.1510114

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002304	.0001511	.0006318	.0253631	-.000130	.3509006	.0110461
Stddev	.000814	.0012142	.0018570	.0006723	.000097	.0150385	.0000976
%RSD	35.33021	803.4792	293.8939	2.650676	74.41519	4.285692	.8833496

#1	-.002358	.0005741	-.001406	.0246000	-.000236	.3429844	.0109436
#2	-.001464	-.001218	.002228	.0258681	-.000110	.3682437	.0111378
#3	-.003089	.001097	.001074	.0256213	-.000045	.3414737	.0110568



Sample Name: K5148-08DUP Acquired: 10/15/2019 19:54:09 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.2917598	167.4556	.4360771
Stddev	.0150002	4.1877	.0117637
%RSD	5.141274	2.500799	2.697608

#1	.2764655	162.9986	.4417695
#2	.2923664	168.0597	.4225501
#3	.3064474	171.3085	.4439118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.205	32267.62	5636.398	1130.313	1805.535
Stddev	5.740	27.13	119.412	8.528	7.426
%RSD	.3252029	.0840832	2.118589	.7544768	.4112844

#1	1759.312	32275.59	5678.009	1123.083	1799.260
#2	1770.779	32289.88	5501.748	1128.139	1813.733
#3	1765.524	32237.40	5729.437	1139.718	1803.612



Sample Name: K5148-08LX5 Acquired: 10/15/2019 19:58:10 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0028765	.0015675	.0037774	.0025850	.0008765	.0060376	.0197980
Stddev	.0046752	.0007656	.0031092	.0019002	.0024242	.0197181	.0007718
%RSD	162.5297	48.84678	82.31217	73.50785	276.5761	326.5902	3.898312

#1	-.001199	.0024283	.0047422	.0010190	.0002256	.0069784	.0198933
#2	.001849	.0009626	.0003001	.0020370	.0035597	.0252685	.0189829
#3	.007980	.0013114	.0062898	.0046989	-.001156	-.014134	.0205176

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000095	1.836324	-.000746	.0010636	.1215259	.2044206	.0010842
Stddev	.0001311	.033517	.000407	.0003730	.0038163	.0485380	.0005641
%RSD	1386.179	1.825215	54.51742	35.07029	3.140292	23.74420	52.02669

#1	-.000141	1.800738	-.000952	.0011466	.1171774	.2193380	.0016847
#2	.000096	1.840940	-.001010	.0013880	.1230826	.2437491	.0005655
#3	.000074	1.867293	-.000278	.0006560	.1243178	.1501746	.0010023

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	.0008774	.0065744	.0022497	-.002141	-.000044	.0185015
Stddev	.000355	.0013479	.0004246	.0022756	.001141	.000140	.0014316
%RSD	522.0469	153.6258	6.458963	101.1494	53.28559	315.9776	7.737668

#1	.000328	-.000539	.0070430	.0040692	-.000939	-.000206	.0189228
#2	-.000360	.002144	.0062151	-.000302	-.003209	.000033	.0196752
#3	-.000172	.001027	.0064650	.002982	-.002274	.000040	.0169066

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002947	-.000976	.0011809	.0054403	-.000218	.0729433	.0007514
Stddev	.000950	.000201	.0004000	.0002884	.000226	.0097449	.0004538
%RSD	32.23324	20.61105	33.86959	5.300652	103.6463	13.35959	60.38756

#1	-.004025	-.000768	.0013234	.0051133	-.000110	.0755069	.0003225
#2	-.002587	-.001170	.0014901	.0055490	-.000478	.0621728	.0012265
#3	-.002230	-.000991	.0007292	.0056584	-.000066	.0811500	.0007052



Sample Name: K5148-08LX5 Acquired: 10/15/2019 19:58:10 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	.0654275	35.39823	.0634688
Stddev	.0101476	1.05349	.0359334
%RSD	15.50961	2.976107	56.61583

#1	.0539061	34.22177	.0666271
#2	.0730364	35.71854	.0260605
#3	.0693401	36.25439	.0977187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.875	33854.71	5479.317	1177.933	1907.087
Stddev	9.467	437.80	30.510	13.336	10.280
%RSD	.5228136	1.293187	.5568148	1.132187	.5390618

#1	1803.676	33466.56	5463.420	1175.827	1901.947
#2	1821.599	33768.28	5460.038	1165.774	1918.924
#3	1807.349	34329.28	5514.492	1192.197	1900.390



Sample Name: CCV07 Acquired: 10/15/2019 20:02:13 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.224192	5.190346	5.147185	5.223169	5.208941	10.42545	10.37118
Stddev	.012591	.009040	.013783	.003884	.008733	.26347	.24464
%RSD	.2410164	.1741671	.2677809	.0743593	.1676466	2.527177	2.358805

#1	5.229561	5.200407	5.162516	5.223304	5.200661	10.13766	10.11187
#2	5.233209	5.182907	5.143219	5.219219	5.218065	10.48391	10.40379
#3	5.209807	5.187724	5.135819	5.226984	5.208098	10.65478	10.59787

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2626233	25.62289	1.018809	2.598621	2.604095	25.89957	2.599199
Stddev	.0026985	.54260	.033234	.002984	.060386	.58351	.004033
%RSD	1.027519	2.117623	3.262086	.1148219	2.318902	2.252978	.1551520

#1	.2624395	25.03595	1.030855	2.601999	2.537636	25.25383	2.603854
#2	.2600214	25.72651	.981232	2.597520	2.619048	26.05589	2.596770
#3	.2654090	26.10620	1.044341	2.596344	2.655599	26.38901	2.596972

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.274810	2.551313	2.588235	5.272191	5.250040	5.238824	5.162550
Stddev	.037936	.040740	.054512	.006718	.054309	.008219	.005047
%RSD	2.975836	1.596810	2.106152	.1274306	1.034447	.1568925	.0977561

#1	1.285744	2.504401	2.605780	5.279773	5.253848	5.232746	5.167662
#2	1.232608	2.571734	2.527111	5.266979	5.193927	5.235549	5.157571
#3	1.306079	2.577803	2.631814	5.269821	5.302345	5.248175	5.162419

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.178513	5.039019	5.085938	5.227118	2.624875	4.974518	1.307569
Stddev	.006445	.094667	.121531	.118605	.000206	.132305	.003481
%RSD	.1244563	1.878670	2.389545	2.269038	.0078473	2.659649	.2662492

#1	5.172465	4.935501	4.953865	5.101555	2.624646	4.822425	1.306158
#2	5.177782	5.060368	5.110899	5.242544	2.625046	5.038097	1.305015
#3	5.185293	5.121188	5.193051	5.337256	2.624931	5.063031	1.311534



Sample Name: CCV07 Acquired: 10/15/2019 20:02:13 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	5.126744	25.45381	25.62127
Stddev	.097804	.62359	.60653
%RSD	1.907724	2.449889	2.367296

#1	5.020288	24.75654	24.94053
#2	5.147324	25.64681	25.81910
#3	5.212621	25.95809	26.10420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1761.645	33096.67	5387.625	1153.417	1784.171
Stddev	1.722	800.83	12.269	20.090	2.434
%RSD	.0977625	2.419678	.2277313	1.741764	.1363995

#1	1763.516	32840.22	5390.566	1144.650	1783.492
#2	1760.127	33994.32	5398.157	1176.401	1782.149
#3	1761.291	32455.48	5374.153	1139.201	1786.872



Sample Name: CCB07 Acquired: 10/15/2019 20:05:55 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010572	-.000044	.0027047	-.001394	-.000410	.0035965
Stddev	.0031398	.002430	.0014967	.004560	.001925	.0196148
%RSD	296.9935	5582.912	55.33610	327.0447	469.7301	545.3843

#1	-.002567	.002322	.0016028	-.004973	.001762	.0246473
#2	.002947	-.002534	.0044086	-.002949	-.001086	.0003091
#3	.002792	.000081	.0021026	.003740	-.001905	-.014167

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032083	-.000032	-.021808	-.000070	-.000264	.0003820
Stddev	.0009930	.000152	.007521	.000702	.000103	.0007068
%RSD	30.95104	473.7895	34.48662	998.5768	38.99372	185.0219

#1	.0022856	-.000177	-.013132	-.000127	-.000343	-.000115
#2	.0042592	.000125	-.026482	.000658	-.000148	.001191
#3	.0030802	-.000044	-.025809	-.000742	-.000301	.000070

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025588	.0002653	-.000393	.0031452	-.002787	.0003655
Stddev	.019750	.0010018	.000684	.0029563	.000201	.0010919
%RSD	77.18317	377.6080	174.1909	93.99427	7.221582	298.7101

#1	-.019133	.0010405	-.000281	-.000223	-.002614	-.000895
#2	-.047758	-.000866	.000228	.005310	-.002739	.000985
#3	-.009874	.000621	-.001127	.004349	-.003008	.001007

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001052	.0015771	-.009169	-.002593	-.000031	-.002451
Stddev	.001830	.0005429	.001895	.000833	.002173	.002296
%RSD	173.9176	34.42407	20.67097	32.13177	7008.763	93.66834

#1	-.001009	.0021946	-.009684	-.001882	-.002488	.000014
#2	-.002903	.0011752	-.010753	-.003510	.001637	-.002840
#3	.000756	.0013614	-.007069	-.002386	.000757	-.004527



Sample Name: CCB07 Acquired: 10/15/2019 20:05:55 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000611	-.000112	.0089856	-.002359	-.002687	F .0299172
Stddev	.0000224	.000102	.0063667	.000365	.006743	.0023503
%RSD	36.56057	90.81697	70.85423	15.47489	250.9899	7.855951

#1	.0000831	-.000021	.0148132	-.002111	-.010246	.0273590
#2	.0000618	-.000222	.0099529	-.002188	.002709	.0319810
#3	.0000384	-.000093	.0021906	-.002778	-.000523	.0304115

Elem	K_7664
Units	ppm
Avg	F -.061760
Stddev	.009356
%RSD	15.14859

#1	-.055986
#2	-.072554
#3	-.056740

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.105	35066.21	5505.182	1213.955	2026.440
Stddev	17.277	145.89	64.067	7.080	16.665
%RSD	.9189271	.4160530	1.163761	.5832258	.8223668

#1	1860.851	35234.14	5436.313	1219.610	2007.392
#2	1885.210	34970.60	5516.222	1206.014	2033.603
#3	1894.255	34993.89	5563.012	1216.240	2038.327



Sample Name: K5148-08MS Acquired: 10/15/2019 20:09:59 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.7987561	2.008015	.9968393	1.957934	.8113008	2.096379	.2952664
Stddev	.0167858	.039003	.0220663	.044507	.0164238	.217844	.0284138
%RSD	2.101488	1.942343	2.213623	2.273183	2.024377	10.39145	9.623095

#1	.7821130	1.965645	.9714338	1.906931	.7927691	1.846731	.2625038
#2	.8156810	2.042420	1.011228	1.988907	.8240555	2.194498	.3101309
#3	.7984743	2.015980	1.007856	1.977963	.8170779	2.247907	.3131646

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943554	10.14087	.4232807	.2120190	.7997477	3.034263	.5159444
Stddev	.0103382	1.01909	.0014420	.0045195	.0780950	.307363	.0104627
%RSD	5.319227	10.04935	.3406604	2.131639	9.764952	10.12973	2.027878

#1	.1824224	8.96654	.4216540	.2068055	.7098532	2.679437	.5038637
#2	.2000362	10.66272	.4244018	.2148274	.8385254	3.204904	.5218800
#3	.2006075	10.79334	.4237861	.2144239	.8508644	3.218447	.5220895

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0761547	.3057198	.2479578	6.066757	.3000046	.4315149	.1450887
Stddev	.0012189	.0288178	.0019106	.119439	.0153715	.0095801	.0055505
%RSD	1.600615	9.426226	.7705153	1.968742	5.123747	2.220115	3.825623

#1	.0751775	.2727566	.2501134	5.931100	.2824911	.4205494	.1483627
#2	.0757661	.3182599	.2464736	6.156114	.3062633	.4382615	.1482233
#3	.0775206	.3261430	.2472863	6.113057	.3112593	.4357337	.1386799

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7199708	.1992125	.2055059	.2339886	.2013958	1.302542	.3124878
Stddev	.0133294	.0209443	.0229577	.0224005	.0012146	.059338	.0030002
%RSD	1.851378	10.51356	11.17130	9.573342	.6030997	4.555559	.9600902

#1	.7051492	.1755020	.1790042	.2081304	.2002631	1.234185	.3090506
#2	.7309750	.2069417	.2182081	.2463699	.2012459	1.332665	.3138318
#3	.7237882	.2151937	.2193053	.2474654	.2026784	1.340777	.3145810



Sample Name: K5148-08MS Acquired: 10/15/2019 20:09:59 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.313400	173.9879	10.47488
Stddev	.183479	7.7872	.56165
%RSD	5.537484	4.475688	5.361878

#1	3.103892	165.0880	9.83399
#2	3.390871	177.3274	10.70931
#3	3.445436	179.5483	10.88133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.495	31253.96	5364.708	1099.626	1772.969
Stddev	24.174	120.95	276.637	9.691	24.448
%RSD	1.395327	.3870041	5.156600	.8813392	1.378915

#1	1758.238	31162.04	5684.113	1089.058	1798.173
#2	1710.278	31208.85	5201.428	1108.098	1749.355
#3	1728.968	31390.98	5208.582	1101.723	1771.379



Sample Name: K5148-08MSD Acquired: 10/15/2019 20:13:55 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8081695	2.020109	1.003313	1.970490	.8161002	2.055219	.2901328
Stddev	.0030749	.008065	.002265	.008272	.0037552	.126920	.0168208
%RSD	.3804747	.3992414	.2257830	.4197737	.4601392	6.175485	5.797624

#1	.8112413	2.028613	1.003876	1.963264	.8163707	1.936456	.2748874
#2	.8050916	2.012570	1.000819	1.968693	.8122170	2.188966	.3081777
#3	.8081755	2.019145	1.005243	1.979512	.8197127	2.040235	.2873332

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1885158	9.826047	.4241509	.2121346	.7782435	3.014943	.5172555
Stddev	.0074153	.601150	.0004690	.0000843	.0475006	.204465	.0010617
%RSD	3.933503	6.117922	.1105768	.0397432	6.103566	6.781724	.2052646

#1	.1818645	9.274226	.4242724	.2122081	.7337103	2.803499	.5181393
#2	.1965112	10.46665	.4236331	.2120425	.8282392	3.211629	.5175493
#3	.1871717	9.73726	.4245472	.2121531	.7727810	3.029701	.5160778

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0751085	.3005207	.2447781	6.095782	.2931961	.4349065	.1351154
Stddev	.0003601	.0174985	.0017705	.009626	.0131156	.0008407	.0027004
%RSD	.4793830	5.822713	.7233171	.1579078	4.473327	.1932964	1.998565

#1	.0752796	.2890491	.2430047	6.087632	.2787848	.4339359	.1324385
#2	.0753510	.3206613	.2447839	6.093312	.3044334	.4354056	.1378387
#3	.0746948	.2918518	.2465457	6.106402	.2963702	.4353780	.1350689

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7274419	.1940895	.2004671	.2297760	.2001253	1.320089	.3096485
Stddev	.0023707	.0099100	.0146372	.0140374	.0001950	.035030	.0017360
%RSD	.3258963	5.105894	7.301532	6.109158	.0974584	2.653591	.5606427

#1	.7301066	.1854889	.1853879	.2171768	.1999797	1.287147	.3115239
#2	.7255666	.2049266	.2146181	.2449069	.2003469	1.356887	.3080978
#3	.7266524	.1918528	.2013951	.2272441	.2000493	1.316233	.3093237



Sample Name: K5148-08MSD Acquired: 10/15/2019 20:13:55 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.407326	174.9645	10.62640
Stddev	.125864	3.5413	.28132
%RSD	3.693927	2.024018	2.647329

#1	3.277485	170.9396	10.31859
#2	3.528795	177.6021	10.87018
#3	3.415697	176.3517	10.69044

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.181	31558.68	5557.068	1118.655	1757.968
Stddev	.939	161.41	190.975	7.812	1.963
%RSD	.0547904	.5114543	3.436622	.6983683	.1116565

#1	1713.447	31373.13	5717.051	1115.027	1756.638
#2	1712.138	31666.61	5345.640	1113.317	1757.043
#3	1713.957	31636.31	5608.513	1127.622	1760.222



Sample Name: K5148-08A Acquired: 10/15/2019 20:17:52 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.8164972	2.033742	1.009939	1.978499	.8199672	2.153264	.3049456
Stddev	.0075732	.003582	.002928	.004658	.0071181	.248742	.0353817
%RSD	.9275262	.1761286	.2898990	.2354347	.8680944	11.55188	11.60262

#1	.8081080	2.037587	1.009848	1.983878	.8117904	1.900942	.2686308
#2	.8228294	2.033138	1.012912	1.975849	.8247779	2.160583	.3068920
#3	.8185543	2.030500	1.007058	1.975771	.8233334	2.398266	.3393139

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996016	10.38257	.4279920	.2143734	.8065406	3.154961	.5234770
Stddev	.0173221	1.21871	.0011675	.0007650	.0899803	.373802	.0006900
%RSD	8.678318	11.73804	.2727867	.3568473	11.15633	11.84808	.1318100

#1	.1818912	9.13729	.4273189	.2146530	.7127149	2.758582	.5230225
#2	.2004064	10.43756	.4293401	.2135080	.8148009	3.205193	.5231374
#3	.2165073	11.57285	.4273169	.2149593	.8921060	3.501107	.5242710

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760749	.3141479	.2459701	6.149001	.3060992	.4395433	.1399267
Stddev	.0007411	.0327123	.0006256	.015851	.0278491	.0020105	.0062366
%RSD	.9741022	10.41303	.2543295	.2577787	9.098073	.4573979	4.457082

#1	.0757636	.2820568	.2457488	6.166208	.2772296	.4372457	.1328061
#2	.0769208	.3129389	.2466762	6.145801	.3082666	.4409796	.1444191
#3	.0755403	.3474480	.2454853	6.134994	.3328012	.4404047	.1425549

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7309605	.2058548	.2135259	.2410847	.2013674	1.307571	.3110653
Stddev	.0017496	.0260920	.0271886	.0268417	.0006686	.038544	.0015475
%RSD	.2393490	12.67498	12.73314	11.13374	.3320392	2.947777	.4974698

#1	.7311207	.1806377	.1855195	.2136971	.2021174	1.265339	.3128179
#2	.7291363	.2041850	.2152431	.2422120	.2008336	1.316523	.3104903
#3	.7326244	.2327416	.2398152	.2673450	.2011512	1.340853	.3098876



Sample Name: K5148-08A Acquired: 10/15/2019 20:17:52 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	3.352934	174.4317	10.53054
Stddev	.092506	5.8873	.39060
%RSD	2.758966	3.375148	3.709259

#1	3.246647	167.9696	10.09576
#2	3.396868	175.8348	10.64400
#3	3.415286	179.4907	10.85185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.886	31270.15	5261.004	1110.801	1750.584
Stddev	15.491	69.99	426.517	2.132	8.433
%RSD	.9059751	.2238227	8.107149	.1919674	.4817416

#1	1726.938	31247.15	5700.460	1110.083	1759.899
#2	1696.681	31214.55	5233.827	1113.199	1743.469
#3	1706.039	31348.74	4848.725	1109.120	1748.383



Sample Name: K5323-03DLX10 Acquired: 10/15/2019 20:21:47 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0294615	.0126086	1.967969	-.067290	.0234618	27.13141	.6316932
Stddev	.0042192	.0006015	.003682	.003482	.0019547	.48677	.0114742
%RSD	14.32112	4.770956	.1870854	5.174645	8.331396	1.794134	1.816411

#1	.0284119	.0128908	1.970184	-.067132	.0223286	26.57233	.6186960
#2	.0341064	.0119178	1.963719	-.063889	.0257189	27.46112	.6404191
#3	.0258661	.0130171	1.970003	-.070848	.0223380	27.36079	.6359644

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209641	19.73410	.3167105	.2154382	.8874151	5.871923	1.654134
Stddev	.0001685	.38581	.0008717	.0005093	.0136510	.122382	.004387
%RSD	.8036436	1.955034	.2752221	.2364080	1.538285	2.084195	.2652136

#1	.0211480	19.29454	.3161111	.2157963	.8717142	5.731114	1.658855
#2	.0208172	20.01661	.3163100	.2148552	.8964740	5.952675	1.653366
#3	.0209272	19.89117	.3177105	.2156633	.8940572	5.931981	1.650182

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057081	.0452258	7.277668	.6394650	.2999824	.0647091	2.027313
Stddev	.0004893	.0054383	.064596	.0011400	.0098536	.0007346	.001721
%RSD	8.572051	12.02474	.8875906	.1782721	3.284719	1.135192	.0849143

#1	.0051551	.0508452	7.345649	.6390588	.2893649	.0639044	2.029213
#2	.0060850	.0399888	7.270257	.6385837	.3017491	.0653438	2.025858
#3	.0058841	.0448433	7.217097	.6407524	.3088331	.0648790	2.026866

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5953268	.7201941	.0296472	.0652428	-.004867	.2862156	4.475051
Stddev	.0007670	.0142937	.0020196	.0010789	.000581	.0073885	.008580
%RSD	.1288434	1.984708	6.812102	1.653646	11.93649	2.581428	.1917307

#1	.5962125	.7041725	.0273151	.0641303	-.004339	.2877644	4.483925
#2	.5948769	.7247709	.0308047	.0662846	-.004772	.2781756	4.474430
#3	.5948910	.7316389	.0308216	.0653134	-.005490	.2927069	4.466799



Sample Name: K5323-03DLX10 Acquired: 10/15/2019 20:21:47 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	109.5583	1.487269	2.459628
Stddev	2.7702	.053047	.117973
%RSD	2.528551	3.566757	4.796359

#1	106.5692	1.435845	2.339057
#2	110.0663	1.484160	2.465009
#3	112.0394	1.541803	2.574818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.707	33541.23	5442.462	1176.610	1928.440
Stddev	1.218	68.93	68.394	10.455	4.453
%RSD	.0678744	.2054948	1.256682	.8885347	.2309127

#1	1793.482	33485.54	5411.842	1165.064	1923.400
#2	1795.919	33618.32	5394.728	1179.332	1931.842
#3	1794.720	33519.84	5520.817	1185.435	1930.078



Sample Name: K5323-03DUPDLX10 Acquired: 10/15/2019 20:25:40 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0318228	.0110352	1.972178	-.064358	.0246049	27.15824	.6324566
Stddev	.0039624	.0034641	.007005	.003986	.0015803	.52365	.0116008
%RSD	12.45152	31.39167	.3551739	6.192931	6.422604	1.928150	1.834239

#1	.0362410	.0149563	1.965540	-.059767	.0243802	26.58282	.6196580
#2	.0306434	.0083895	1.971495	-.066930	.0262854	27.28511	.6354316
#3	.0285840	.0097599	1.979499	-.066377	.0231489	27.60681	.6422801

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208804	19.77575	.3153266	.2152680	.8874169	5.923783	1.650284
Stddev	.0002917	.39073	.0008018	.0011338	.0166563	.107228	.004011
%RSD	1.396801	1.975814	.2542643	.5266764	1.876947	1.810122	.2430505

#1	.0207400	19.35117	.3157311	.2150005	.8681843	5.800527	1.647685
#2	.0212157	19.85586	.3158455	.2142920	.8971560	5.995596	1.648264
#3	.0206855	20.12021	.3144031	.2165117	.8969103	5.975227	1.654904

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052948	.0460403	7.270242	.6368188	.2991659	.0649353	2.022723
Stddev	.0003685	.0007881	.031173	.0066773	.0131935	.0011362	.012819
%RSD	6.960056	1.711755	.4287745	1.048539	4.410102	1.749660	.6337296

#1	.0050524	.0457284	7.303520	.6291160	.2844267	.0661466	2.030519
#2	.0051132	.0469366	7.265484	.6403752	.3031985	.0638933	2.007929
#3	.0057189	.0454560	7.241721	.6409652	.3098726	.0647659	2.029722

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5946530	.7187942	.0291499	.0654280	-.005116	.2946410	4.469396
Stddev	.0010706	.0203111	.0014760	.0009958	.000483	.0147561	.016687
%RSD	.1800413	2.825713	5.063419	1.522018	9.445406	5.008174	.3733600

#1	.5939161	.6964775	.0287421	.0643728	-.004568	.2890318	4.450259
#2	.5958811	.7237067	.0279208	.0655597	-.005482	.3113792	4.477021
#3	.5941618	.7361985	.0307870	.0663514	-.005297	.2835120	4.480909



Sample Name: K5323-03DUPDLX10 Acquired: 10/15/2019 20:25:40 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	109.3501	1.447714	2.461454
Stddev	2.8412	.053185	.058809
%RSD	2.598299	3.673727	2.389177

#1	106.2732	1.394893	2.394042
#2	109.9028	1.446993	2.488078
#3	111.8744	1.501256	2.502242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.208	33425.03	5440.372	1170.713	1937.291
Stddev	11.824	57.97	39.246	6.742	15.391
%RSD	.6568249	.1734453	.7213935	.5759123	.7944657

#1	1793.885	33389.24	5396.765	1163.443	1938.723
#2	1813.849	33393.95	5451.491	1171.934	1951.917
#3	1792.889	33491.92	5472.859	1176.761	1921.235



Sample Name: K5323-03LDLX100 Acquired: 10/15/2019 20:29:34 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0095228	.0025961	.4081761	-.012586	.0054788	5.503030	.1313915
Stddev	.0013971	.0014648	.0010399	.001686	.0018035	.100837	.0039572
%RSD	14.67148	56.42412	.2547729	13.39889	32.91720	1.832394	3.011779

#1	.0110172	.0028127	.4069761	-.010821	.0033963	5.394977	.1274318
#2	.0093020	.0039406	.4087369	-.014181	.0065254	5.519484	.1313964
#3	.0082492	.0010350	.4088151	-.012756	.0065146	5.594628	.1353463

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041297	4.022843	.0631236	.0442071	.1839372	1.204015	.3399141
Stddev	.0000676	.129888	.0003016	.0002110	.0047625	.062044	.0015464
%RSD	1.636136	3.228756	.4777996	.4772198	2.589178	5.153066	.4549282

#1	.0040717	3.879288	.0627756	.0443277	.1785584	1.156132	.3401732
#2	.0042039	4.057008	.0632853	.0439635	.1856355	1.181806	.3413145
#3	.0041135	4.132234	.0633098	.0443300	.1876177	1.274106	.3382545

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006792	.0107308	1.540685	.1296389	.0592567	.0126888	.4053215
Stddev	.0006823	.0034484	.007540	.0017958	.0017173	.0002824	.0040176
%RSD	100.4599	32.13529	.4893653	1.385226	2.898082	2.225754	.9912160

#1	.0008358	.0139455	1.546590	.1275688	.0573094	.0129375	.4098960
#2	-.000068	.0111584	1.532193	.1307780	.0599057	.0123817	.4037027
#3	.001270	.0070886	1.543274	.1305700	.0605549	.0127471	.4023658

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199133	.1423953	.0047043	.0124896	-.001354	.0435711	.9330224
Stddev	.0023142	.0034432	.0012842	.0002945	.000142	.0155689	.0007054
%RSD	1.929912	2.418058	27.29748	2.358271	10.48814	35.73209	.0756025

#1	.1177975	.1393176	.0038988	.0122963	-.001458	.0610912	.9333031
#2	.1223848	.1417543	.0061852	.0128286	-.001411	.0313219	.9322199
#3	.1195575	.1461139	.0040289	.0123439	-.001192	.0383002	.9335442



Sample Name: K5323-03LDLX100 Acquired: 10/15/2019 20:29:34 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	22.76702	.3217564	.4224444
Stddev	.66044	.0194312	.0315004
%RSD	2.900870	6.039095	7.456689

#1	22.03897	.3000622	.4031055
#2	22.93445	.3375625	.4587930
#3	23.32763	.3276445	.4054347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.399	33838.05	5433.663	1169.374	1926.472
Stddev	3.330	57.35	7.269	11.555	3.860
%RSD	.1842485	.1694894	.1337707	.9881290	.2003863

#1	1809.195	33776.47	5437.088	1159.236	1930.883
#2	1809.445	33847.76	5425.315	1181.955	1923.712
#3	1803.556	33889.93	5438.587	1166.932	1924.820



Sample Name: K5323-03MSDLX10 Acquired: 10/15/2019 20:33:31 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.1220286	.2195632	2.049852	.1367273	.0408505	28.84410	.6535276
Stddev	.0031025	.0053832	.008211	.0072174	.0021113	.65023	.0146011
%RSD	2.542478	2.451776	.4005845	5.278665	5.168317	2.254308	2.234198

#1	.1194255	.2133487	2.052116	.1408923	.0407553	28.11543	.6368267
#2	.1254618	.2227867	2.056694	.1408963	.0430078	29.05162	.6598772
#3	.1211985	.2225542	2.040747	.1283934	.0387885	29.36524	.6638788

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418320	20.36738	.3522419	.2325508	.8894170	6.388568	1.690980
Stddev	.0003190	.46844	.0013661	.0007748	.0258912	.166538	.004805
%RSD	.7626412	2.299951	.3878221	.3331610	2.911034	2.606815	.2841642

#1	.0414685	19.84502	.3530378	.2328735	.8603570	6.196297	1.692229
#2	.0420654	20.50695	.3530234	.2331121	.8978645	6.481740	1.695038
#3	.0419622	20.75018	.3506645	.2316669	.9100293	6.487667	1.685674

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129539	.0825334	7.117860	1.263846	.3268340	.1056718	3.186984
Stddev	.0008191	.0032331	.032518	.002861	.0064144	.0005363	.014005
%RSD	6.323321	3.917369	.4568538	.2263889	1.962579	.5074876	.4394441

#1	.0120603	.0808380	7.128159	1.264528	.3197393	.1050951	3.195232
#2	.0131324	.0805006	7.143982	1.266305	.3285391	.1061555	3.194906
#3	.0136691	.0862616	7.081439	1.260706	.3322235	.1057648	3.170814

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6596684	.8164418	.0519942	.0975001	.0159847	.4263524	4.433352
Stddev	.0012638	.0170858	.0029293	.0020683	.0006377	.0246733	.005320
%RSD	.1915879	2.092715	5.633895	2.121353	3.989517	5.787064	.1200058

#1	.6600944	.7976501	.0486245	.0952673	.0166177	.4136441	4.432717
#2	.6606642	.8206341	.0534246	.0978822	.0153424	.4106240	4.428379
#3	.6582466	.8310413	.0539334	.0993507	.0159941	.4547893	4.438962



Sample Name: K5323-03MSDLX10 Acquired: 10/15/2019 20:33:31 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	111.5699	1.733091	3.676241
Stddev	2.5432	.045161	.158729
%RSD	2.279500	2.605780	4.317700

#1	108.8317	1.685572	3.493430
#2	112.0199	1.738252	3.756242
#3	113.8582	1.775449	3.779051

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1784.838	33395.37	5458.102	1167.075	1912.554
Stddev	4.593	81.11	15.198	6.556	8.139
%RSD	.2573284	.2428753	.2784563	.5617881	.4255665

#1	1784.416	33311.99	5458.916	1165.854	1908.274
#2	1780.471	33400.13	5442.513	1161.215	1907.448
#3	1789.628	33474.00	5472.877	1174.157	1921.940



Sample Name: K5323-03MSDDLX10 Acquired: 10/15/2019 20:37:24 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.1205738	.2166922	2.046350	.1444588	.0398008	28.76017	.6561120
Stddev	.0036244	.0009462	.007164	.0032830	.0026271	.32669	.0068162
%RSD	3.005962	.4366526	.3500867	2.272606	6.600516	1.135900	1.038876

#1	.1171137	.2159808	2.052207	.1471884	.0390054	28.42782	.6493737
#2	.1243427	.2177660	2.048480	.1453722	.0427336	28.77181	.6559590
#3	.1202651	.2163298	2.038362	.1408159	.0376634	29.08088	.6630035

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416058	20.33334	.3563873	.2303596	.8885837	6.373835	1.679468
Stddev	.0004232	.29959	.0018186	.0007583	.0122245	.107637	.005458
%RSD	1.017101	1.473406	.5102904	.3291944	1.375732	1.688738	.3250046

#1	.0419986	20.04919	.3584667	.2298963	.8758635	6.252169	1.682198
#2	.0411577	20.30453	.3556010	.2312347	.8896442	6.412670	1.683023
#3	.0416611	20.64629	.3550941	.2299478	.9002434	6.456666	1.673183

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130082	.0779070	7.128418	1.252782	.3241453	.1044927	3.146850
Stddev	.0003941	.0049755	.024439	.002073	.0075201	.0001084	.007122
%RSD	3.029766	6.386412	.3428332	.1654548	2.319967	.1037794	.2263211

#1	.0128722	.0722290	7.103759	1.254126	.3155038	.1043756	3.153461
#2	.0127001	.0815044	7.128863	1.253825	.3277284	.1045126	3.147780
#3	.0134523	.0799877	7.152630	1.250395	.3292038	.1045897	3.139308

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6577551	.8288445	.0500532	.0990689	.0161170	.4325644	4.418622
Stddev	.0024190	.0157945	.0013864	.0018337	.0006917	.0108317	.002719
%RSD	.3677603	1.905607	2.769834	1.850956	4.291863	2.504062	.0615320

#1	.6580537	.8128079	.0510070	.0972720	.0166311	.4438536	4.417849
#2	.6600109	.8293402	.0484628	.0989974	.0163892	.4222571	4.421643
#3	.6552007	.8443853	.0506898	.1009374	.0153305	.4315826	4.416373



Sample Name: K5323-03MSDDLX10 Acquired: 10/15/2019 20:37:24 Type: Unk
 Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	111.1880	1.768537	3.619017
Stddev	2.4640	.068808	.157701
%RSD	2.216091	3.890652	4.357571

#1	108.3846	1.689090	3.437080
#2	112.1687	1.807503	3.703358
#3	113.0106	1.809019	3.716613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.648	33006.48	5434.218	1170.144	1927.718
Stddev	12.856	117.99	58.364	1.217	12.999
%RSD	.7171659	.3574658	1.074006	.1039617	.6743238

#1	1786.803	32898.15	5370.507	1170.076	1918.010
#2	1807.388	32989.08	5485.101	1168.963	1942.486
#3	1783.753	33132.19	5447.046	1171.393	1922.658



Sample Name: K5323-03ADLX10 Acquired: 10/15/2019 20:41:17 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.1188742	.2167095	2.049053	.1403737	.0402328	29.01345	.6652104
Stddev	.0014235	.0072027	.000898	.0028612	.0026430	.36955	.0098524
%RSD	1.197497	3.323661	.0438060	2.038291	6.569239	1.273722	1.481100

#1	.1205079	.2084469	2.049914	.1383414	.0372348	28.69250	.6547648
#2	.1178998	.2200189	2.049123	.1391339	.0422261	28.93039	.6665298
#3	.1182150	.2216628	2.048123	.1436457	.0412376	29.41746	.6743367

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420889	20.58957	.3647417	.2324777	.8944751	6.457583	1.692677
Stddev	.0005715	.28453	.0020923	.0001706	.0109183	.142452	.003912
%RSD	1.357776	1.381906	.5736342	.0733693	1.220639	2.205970	.2311383

#1	.0426695	20.33408	.3647937	.2322967	.8850091	6.322791	1.693107
#2	.0415270	20.53842	.3626239	.2325010	.8919965	6.443334	1.696356
#3	.0420703	20.89620	.3668075	.2326354	.9064196	6.606624	1.688567

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128263	.0830534	7.110430	1.264537	.3182793	.1051894	3.164053
Stddev	.0002386	.0017244	.051713	.003083	.0130196	.0006227	.005445
%RSD	1.860449	2.076219	.7272802	.2438168	4.090607	.5919905	.1721025

#1	.0126173	.0816341	7.093607	1.267161	.3036790	.1045267	3.158083
#2	.0127753	.0849724	7.168459	1.261141	.3224760	.1052789	3.168747
#3	.0130864	.0825537	7.069223	1.265309	.3286830	.1057624	3.165330

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6577317	.8381999	.0521430	.1008097	.0156661	.4234702	4.429921
Stddev	.0010177	.0131815	.0012695	.0008992	.0004644	.0046528	.008823
%RSD	.1547319	1.572594	2.434669	.8919575	2.964605	1.098737	.1991594

#1	.6565630	.8240411	.0506783	.1008943	.0161878	.4241089	4.420700
#2	.6584228	.8404423	.0529279	.0998712	.0152978	.4277706	4.430780
#3	.6582092	.8501164	.0528227	.1016636	.0155127	.4185310	4.438283



Sample Name: K5323-03ADLX10 Acquired: 10/15/2019 20:41:17 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	110.7429	1.726854	3.634521
Stddev	2.9103	.046870	.140446
%RSD	2.627953	2.714158	3.864228

#1	107.5347	1.675335	3.472689
#2	111.4810	1.738257	3.706329
#3	113.2131	1.766969	3.724544

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.550	32700.01	5335.942	1184.691	1921.015
Stddev	17.031	44.39	70.401	8.919	21.173
%RSD	.9532916	.1357620	1.319369	.7528400	1.102190

#1	1775.591	32651.45	5256.209	1186.160	1911.899
#2	1777.888	32738.51	5389.529	1175.129	1905.927
#3	1806.171	32710.08	5362.089	1192.784	1945.219



Sample Name: CCV08 Acquired: 10/15/2019 20:45:11 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	5.083732	5.063625	5.023343	5.122313	5.065049	10.12814	10.29497
Stddev	.004408	.000555	.014754	.009481	.013007	.24429	.22107
%RSD	.0867064	.0109604	.2937116	.1850989	.2568057	2.411983	2.147384

#1	5.079107	5.063021	5.037426	5.118753	5.058550	9.86600	10.05625
#2	5.087885	5.064113	5.007999	5.115125	5.080025	10.16900	10.33601
#3	5.084205	5.063741	5.024605	5.133058	5.056572	10.34943	10.49265

Elem	Be2348	Ca3736	Cr2677	Co2286	Mn2576	Mg2790	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2583843	25.26786	1.032019	2.524669	2.523406	25.38641	2.528512
Stddev	.0017877	.56819	.005399	.000517	.053554	.50135	.005959
%RSD	.6918606	2.248666	.5231844	.0204804	2.122282	1.974872	.2356590

#1	.2572090	24.68098	1.027654	2.524163	2.467077	24.85941	2.523506
#2	.2575024	25.30731	1.038057	2.525196	2.529472	25.44241	2.535103
#3	.2604416	25.81530	1.030347	2.524646	2.573668	25.85741	2.526927

Elem	Ag3280	V_2924	Zn2138	P_1774	B_2496	Mo2020	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.288160	2.520929	2.574137	5.139610	5.166732	5.102555	4.971128
Stddev	.004510	.052834	.005516	.003973	.022503	.007605	.007394
%RSD	.3501504	2.095803	.2142789	.0773021	.4355462	.1490509	.1487383

#1	1.287279	2.462320	2.568161	5.142189	5.164845	5.096822	4.967265
#2	1.284155	2.535565	2.579032	5.135035	5.145231	5.111183	4.966465
#3	1.293046	2.564901	2.575218	5.141607	5.190119	5.099660	4.979653

Elem	Sn1899	Ti3361	Li6707	Sr4077	Cd2265	Si2881	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.034319	5.025631	5.030925	5.138750	2.534486	4.821330	1.271211
Stddev	.012709	.098082	.111910	.107780	.004203	.122103	.003486
%RSD	.2524536	1.951643	2.224449	2.097389	.1658270	2.532549	.2742579

#1	5.025557	4.919502	4.907390	5.024491	2.529716	4.686480	1.268088
#2	5.028505	5.044452	5.059853	5.153156	2.536095	4.853109	1.270573
#3	5.048896	5.112940	5.125531	5.238601	2.537646	4.924401	1.274973



Sample Name: CCV08 Acquired: 10/15/2019 20:45:11 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Fe2404	Na5895	K_7664
Units	ppm	ppm	ppm
Avg	4.917931	24.63740	24.24893
Stddev	.137399	.60337	.47329
%RSD	2.793846	2.448987	1.951783

#1	4.776059	23.97250	23.72127
#2	4.927361	24.78962	24.38954
#3	5.050372	25.15008	24.63598

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.489	31854.68	5237.244	1140.456	1783.499
Stddev	3.388	76.98	7.641	4.970	1.640
%RSD	.1932281	.2416655	.1458893	.4358020	.0919339

#1	1751.611	31879.19	5231.054	1135.467	1782.520
#2	1751.455	31768.43	5245.783	1140.495	1782.585
#3	1757.400	31916.42	5234.895	1145.407	1785.392



Sample Name: CCB08 Acquired: 10/15/2019 20:48:53 Type: Unk
Method: NON EPA-6010-200.7(v27) 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	.0024907	.0022548	.0035579	-.002639	.0004766	-.003086
Stddev	.0026342	.0018146	.0019657	.003197	.0003631	.004303
%RSD	105.7594	80.47592	55.24770	121.1312	76.17884	139.4647

#1	-.000551	.0004414	.0055257	-.000548	.0008952	-.008019
#2	.003968	.0040705	.0035537	-.001050	.0002891	-.001134
#3	.004055	.0022525	.0015944	-.006319	.0002457	-.000104

Elem	Ba4934	Be2348	Ca3736	Cr2677	Co2286	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031485	-.000050	-.017068	.0005060	.0000164	-.000059
Stddev	.0004149	.000045	.009874	.0006672	.0004350	.000553
%RSD	13.17916	90.00321	57.85033	131.8598	2647.437	930.6780

#1	.0030412	-.000004	-.011042	.0012761	.0004875	.000565
#2	.0027978	-.000094	-.028463	.0001367	-.000370	-.000489
#3	.0036066	-.000051	-.011698	.0001051	-.000068	-.000254

Elem	Mg2790	Ni2316	Ag3280	V_2924	Zn2138	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004857	.0000605	-.000460	.0018934	-.002471	.0004931
Stddev	.029570	.0003813	.000333	.0035171	.000585	.0015860
%RSD	608.8586	629.7706	72.47056	185.7544	23.68096	321.6001

#1	-.000367	.0002204	-.000095	.0014597	-.003071	.0021948
#2	.022212	-.000375	-.000535	.0056072	-.002441	.0002285
#3	-.036415	.000336	-.000749	-.001387	-.001902	-.000944

Elem	B_2496	Mo2020	S_1820	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000188	.0014108	-.005533	-.002346	-.000646	-.002547
Stddev	.0004734	.0007998	.003422	.000212	.000710	.000560
%RSD	2512.964	56.69508	61.84267	9.026859	109.8859	22.00304

#1	-.000262	.0023333	-.003136	-.002546	.000142	-.002896
#2	.000565	.0009118	-.004012	-.002124	-.001235	-.001901
#3	-.000247	.0009871	-.009452	-.002367	-.000846	-.002845



Sample Name: CCB08 Acquired: 10/15/2019 20:48:53 Type: Unk
Method: NON EPA-6010-200.7(v27) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sr4077	Cd2265	Si2881	Cu2247	Fe2404	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000187	-.000173	F .0172741	-.001862	-.001563	-.007393
Stddev	.0001112	.000144	.0215270	.000385	.003979	.002403
%RSD	594.2996	83.64717	124.6203	20.68348	254.6726	32.50482

#1	.0001371	-.000207	-.002660	-.001999	.003020	-.010030
#2	.0000026	-.000297	.040102	-.002160	-.004144	-.005326
#3	-.000084	-.000014	.014380	-.001427	-.003564	-.006823

Elem	K_7664
Units	ppm
Avg	F -.076052
Stddev	.041606
%RSD	54.70674

#1	-.092286
#2	-.028777
#3	-.107094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.729	34335.42	5426.073	1224.320	2008.326
Stddev	17.815	72.34	43.188	2.257	18.801
%RSD	.9600212	.2106792	.7959341	.1843287	.9361501

#1	1874.618	34375.28	5384.248	1223.564	2029.809
#2	1853.339	34251.92	5470.506	1226.858	2000.289
#3	1839.229	34379.06	5423.465	1222.538	1994.879

