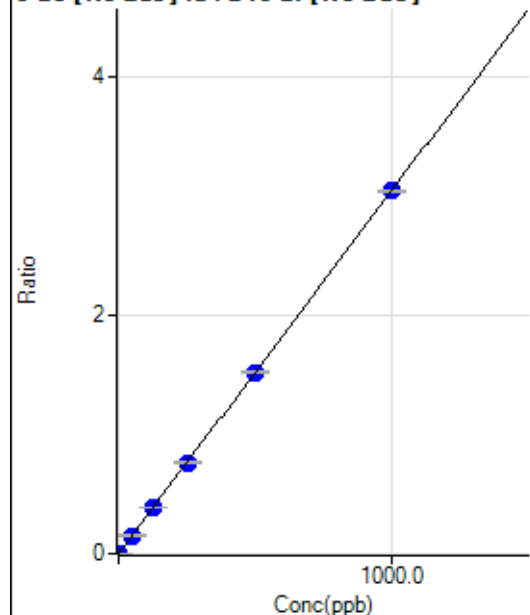


Batch Folder: D:\ICP-MS Data\P7021417.b\
Analysis File: P7021417.batch.bin
DA Date-Time: 2017-02-15 12:24:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-14 16:39:06
2			
3	004CALS.d	S02	2017-02-14 16:46:57
4	005CALS.d	S03	2017-02-14 16:50:51
5	006CALS.d	S04	2017-02-14 16:54:45
6	007CALS.d	S05	2017-02-14 16:58:36
7	008CALS.d	S06	2017-02-14 17:02:24
8	009CALS.d	S07	2017-02-14 17:06:07
9	010CALS.d	S08	2017-02-14 17:09:46

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0001	P	20.4
2	☐	0.100					
3	☐	1.000	0.866	616.70	0.0028	P	6.9
4	☐	50.000	49.937	34315.11	0.1522	P	1.5
5	☐	125.000	126.937	86694.49	0.3868	P	0.7
6	☐	250.000	250.980	173093.93	0.7647	P	1.3
7	☐	500.000	499.219	341606.48	1.5209	P	0.8
8	☐	1000.000	999.907	666702.71	3.0461	P	0.6
9	☐			125.93	0.0006	P	22.6

$$y = 0.0030 * x + 1.2773E-004$$

$$R = 1.0000$$

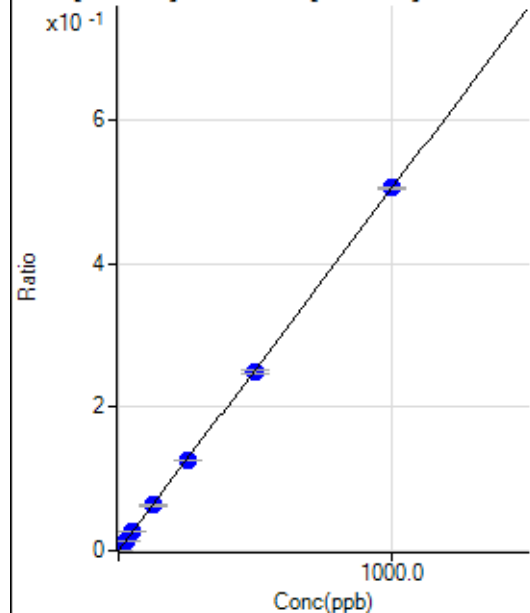
$$DL = 0.02563$$

$$BEC = 0.04193$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0002	P	26.3
2	☐	2.500					
3	☐	25.000	26.167	2975.41	0.0133	P	2.3
4	☐	50.000	51.104	5840.24	0.0259	P	3.5
5	☐	125.000	124.776	14123.79	0.0630	P	2.1
6	☐	250.000	250.071	28549.73	0.1261	P	1.5
7	☐	500.000	495.123	56051.94	0.2496	P	1.6
8	☐	1000.000	1002.365	110543.45	0.5050	P	0.8
9	☐			1972.43	0.0093	P	9.2

$$y = 5.0369E-004 * x + 1.6588E-004$$

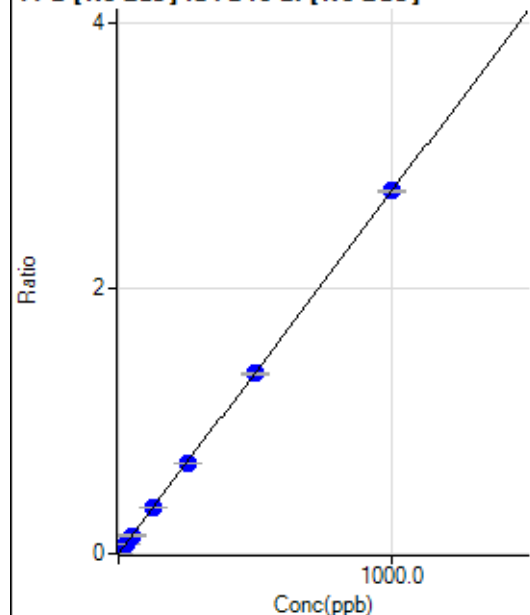
$$R = 1.0000$$

$$DL = 0.2603$$

$$BEC = 0.3293$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0009	P	33.2
2	☐	2.500					
3	☐	25.000	25.781	15895.04	0.0713	P	2.3
4	☐	50.000	49.545	30701.43	0.1362	P	2.8
5	☐	125.000	124.836	76627.49	0.3419	P	0.3
6	☐	250.000	249.230	154325.85	0.6817	P	0.5
7	☐	500.000	497.233	305296.07	1.3592	P	0.5
8	☐	1000.000	1001.600	599073.83	2.7370	P	0.4
9	☐			11182.31	0.0529	P	6.7

$$y = 0.0027 * x + 8.6844E-004$$

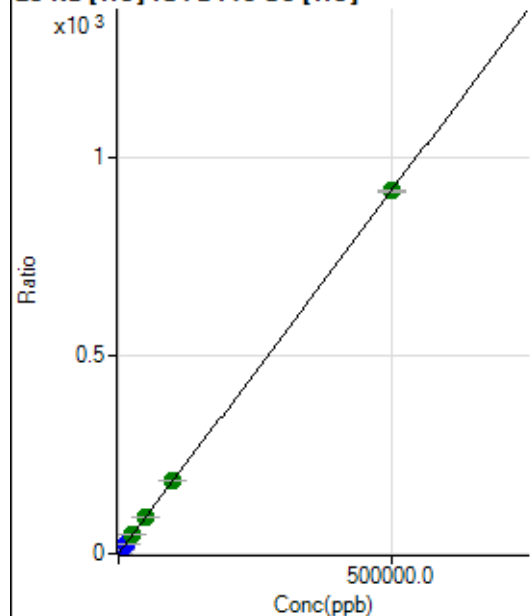
$$R = 1.0000$$

$$DL = 0.3166$$

$$BEC = 0.3179$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8049.70	0.0576	P	7.0
2	☐	50.000					
3	☐	500.000	512.390	141144.65	0.9944	P	1.0
4	☐	5000.000	5292.195	1367041.21	9.7334	P	0.1
5	☐	12500.000	13237.314	3371973.51	24.2594	P	0.2
6	☐	25000.000	25979.834	6631074.41	47.5566	A	0.4
7	☐	50000.000	51068.341	13175900.81	93.4260	A	1.4
8	☐	100000.00	100211.26	26470903.72	183.2740	A	1.3
9	☐	500000.00	499780.55	127536759.8	913.8072	A	0.2

$$y = 0.0018 * x + 0.0576$$

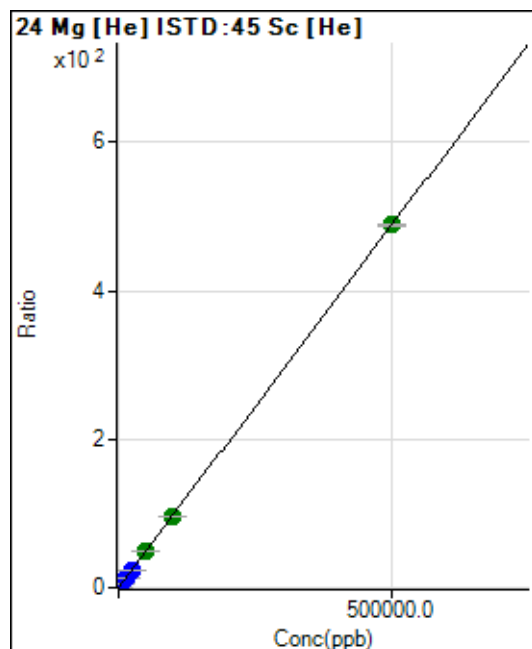
$$R = 1.0000$$

$$DL = 6.66$$

$$BEC = 31.53$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0011	P	19.3
2	☐	50.000					
3	☐	500.000	511.357	71030.01	0.5004	P	0.1
4	☐	5000.000	5091.702	698492.51	4.9733	P	0.4
5	☐	12500.000	12726.565	1727573.93	12.4289	P	0.2
6	☐	25000.000	25080.256	3415151.07	24.4925	P	0.3
7	☐	50000.000	49799.256	6858226.11	48.6312	A	1.5
8	☐	100000.00	97401.171	13738378.08	95.1155	A	0.7
9	☐	500000.00	500529.23	68216977.91	488.7790	A	0.5

$$y = 9.7652\text{E-}004 * x + 0.0011$$

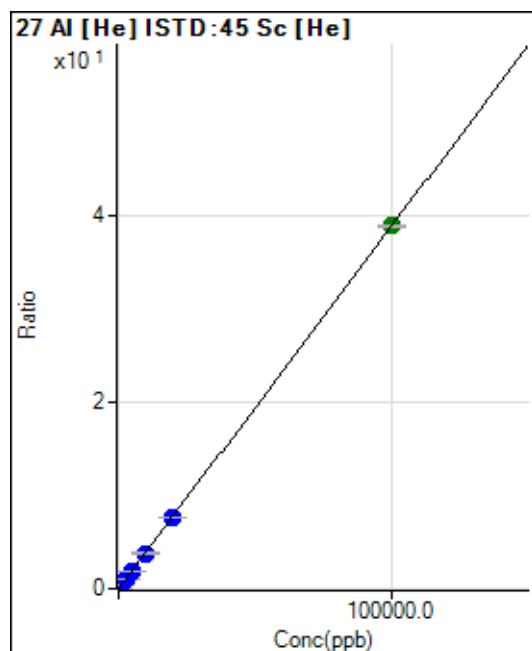
$$R = 1.0000$$

$$DL = 0.6479$$

$$BEC = 1.12$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0003	P	44.7
2	☐	2.000					
3	☐	20.000	20.216	1152.87	0.0081	P	3.3
4	☐	1000.000	996.350	54343.81	0.3869	P	1.7
5	☐	2500.000	2509.093	135377.08	0.9740	P	0.8
6	☐	5000.000	4979.267	269466.20	1.9326	P	0.6
7	☐	10000.000	9768.794	534687.03	3.7912	P	1.6
8	☐	20000.000	19479.332	1091875.47	7.5596	P	1.0
9	☐	100000.00	100128.10	5423068.57	38.8566	A	0.6

$$y = 3.8807\text{E-}004 * x + 2.7853\text{E-}004$$

$$R = 1.0000$$

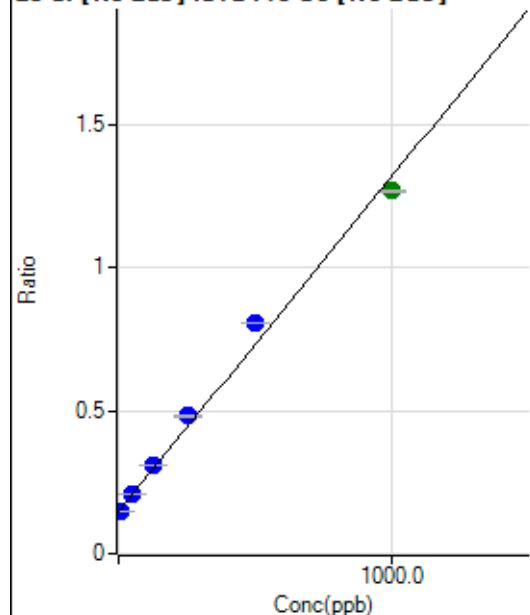
$$DL = 0.9632$$

$$BEC = 0.7177$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	463122.34	0.1473	P	0.7
2	☐	1.000					
3	☐	10.000	1.401	483421.49	0.1489	P	0.5
4	☐	50.000	52.253	668265.46	0.2084	P	0.7
5	☐	125.000	138.240	982953.84	0.3088	P	0.4
6	☐	250.000	284.933	1513485.37	0.4803	P	0.2
7	☐	500.000	563.454	2545132.46	0.8057	P	0.2
8	☐	1000.000	957.858	3983320.49	1.2666	A	0.6
9	☐			497155.99	0.1655	P	0.6

$$y = 0.0012 * x + 0.1473$$

$$R = 0.9959$$

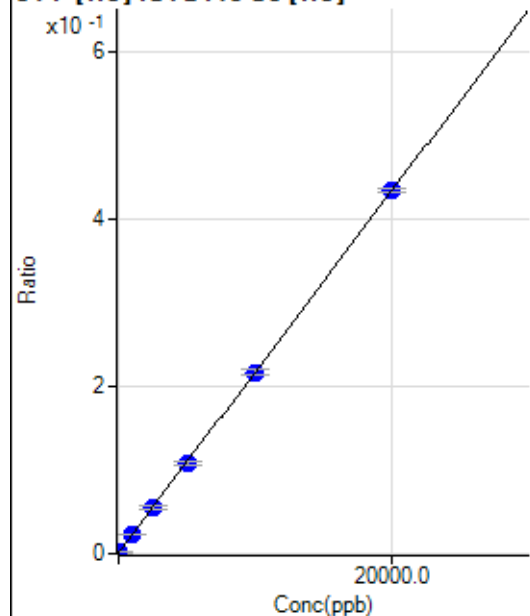
$$DL = 2.687$$

$$BEC = 126.1$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.078	97.22	0.0007	P	21.5
2	☐	0.000					
3	☐	0.000	15.078	191.68	0.0013	P	27.9
4	☐	1000.000	985.311	3139.36	0.0224	P	2.6
5	☐	2500.000	2475.763	7591.13	0.0546	P	6.8
6	☐	5000.000	4945.016	15069.22	0.1081	P	2.6
7	☐	10000.000	10000.019	30671.27	0.2175	P	3.4
8	☐	20000.000	20017.500	62741.16	0.4344	P	1.1
9	☐			138.90	0.0010	P	6.9

$$y = 2.1649E-005 * x + 0.0010$$

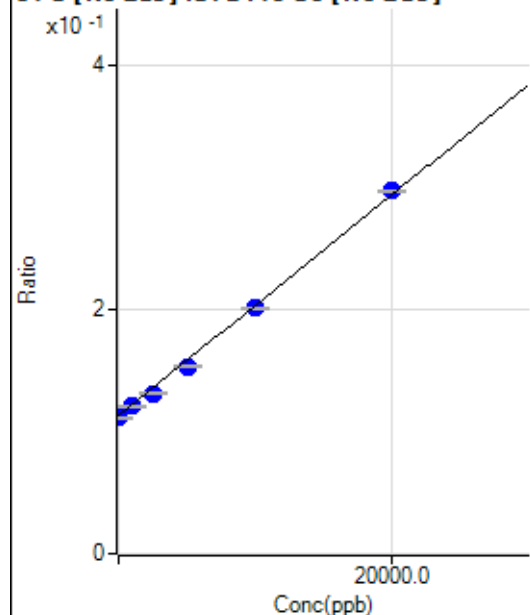
$$R = 1.0000$$

$$DL = 36.51$$

$$BEC = 47.23$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	231.999	362318.33	0.1152	P	0.3
2	☐	0.000					
3	☐	0.000	-231.999	360438.72	0.1110	P	0.2
4	☐	1000.000	822.231	386684.81	0.1206	P	0.5
5	☐	2500.000	1959.042	416382.44	0.1308	P	1.2
6	☐	5000.000	4433.272	482676.54	0.1532	P	0.5
7	☐	10000.000	9704.027	634117.55	0.2007	P	0.5
8	☐	20000.000	20366.177	934000.48	0.2970	P	0.5
9	☐			341689.14	0.1138	P	1.2

$$y = 9.0270\text{E-}006 * x + 0.1131$$

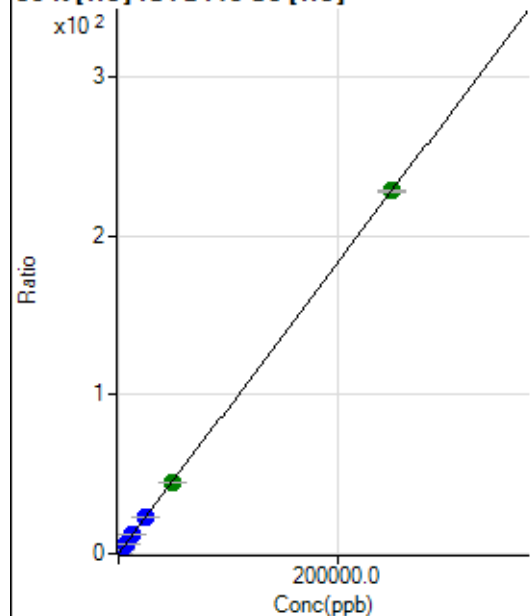
$$R = 0.9991$$

$$DL = 93.09$$

$$BEC = 1.253\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19672.06	0.1409	P	2.5
2	☐	50.000					
3	☐	500.000	495.979	84213.40	0.5933	P	0.6
4	☐	2500.000	2543.140	345631.34	2.4608	P	0.7
5	☐	6250.000	6391.183	829985.07	5.9713	P	0.2
6	☐	12500.000	12714.479	1636947.01	11.7397	P	0.2
7	☐	25000.000	24925.281	3226826.24	22.8791	P	0.5
8	☐	50000.000	49086.809	6488040.20	44.9206	A	1.5
9	☐	250000.00	250175.43	31872010.09	228.3652	A	0.7

$$y = 9.1226\text{E-}004 * x + 0.1409$$

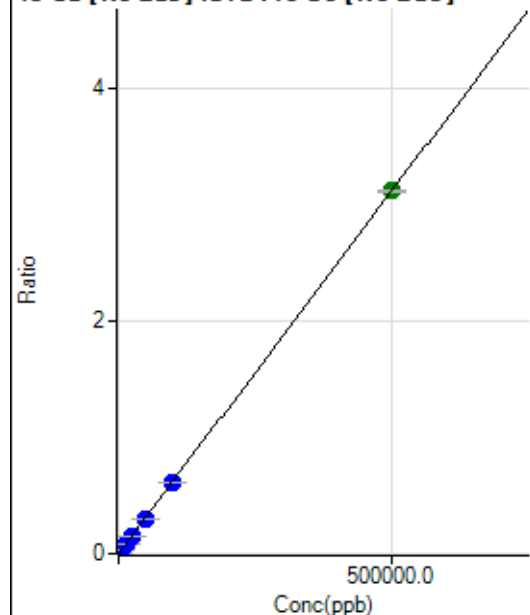
$$R = 1.0000$$

$$DL = 11.65$$

$$BEC = 154.4$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0001	P	24.2
2	☐	50.000					
3	☐	500.000	482.023	9959.30	0.0031	P	0.7
4	☐	5000.000	4871.724	97375.08	0.0304	P	0.9
5	☐	12500.000	12184.171	241326.18	0.0758	P	0.9
6	☐	25000.000	24695.829	484096.65	0.1536	P	0.4
7	☐	50000.000	48811.388	958852.60	0.3035	P	0.5
8	☐	100000.00	97723.541	1910977.02	0.6076	P	0.2
9	☐	500000.00	500598.55	9348184.06	3.1124	A	0.6

$$y = 6.2173\text{E-}006 * x + 7.1566\text{E-}005$$

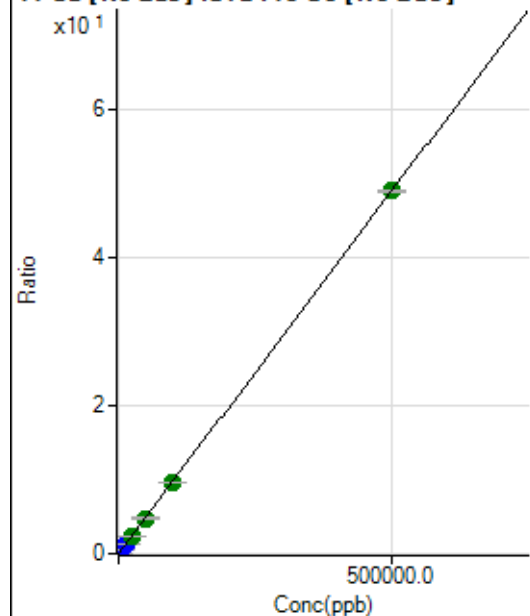
R = 1.0000

DL = 8.351

BEC = 11.51

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9092.08	0.0029	P	3.1
2	☐	50.000					
3	☐	500.000	481.780	162430.16	0.0500	P	0.6
4	☐	5000.000	4954.919	1564617.08	0.4878	P	0.4
5	☐	12500.000	12310.331	3843831.42	1.2077	P	0.4
6	☐	25000.000	24639.505	7608749.82	2.4144	A	0.2
7	☐	50000.000	48905.166	15128717.01	4.7893	A	0.7
8	☐	100000.00	97995.949	30171848.94	9.5939	A	0.6
9	☐	500000.00	500533.52	147144125.5	48.9908	A	0.4

$$y = 9.7871\text{E-}005 * x + 0.0029$$

R = 1.0000

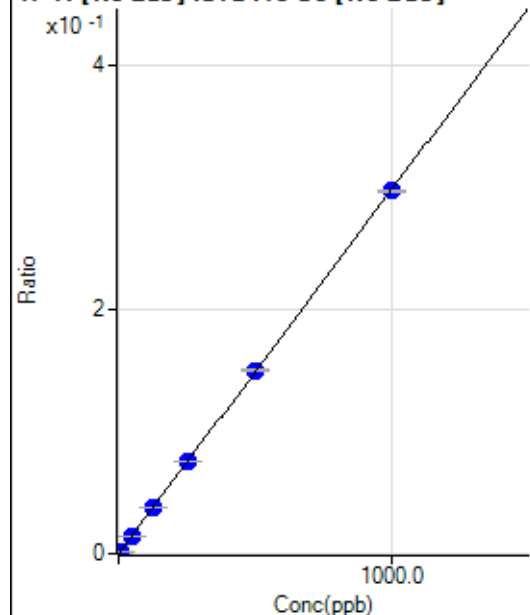
DL = 2.79

BEC = 29.54

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0001	P	11.9
2	☐	0.500					
3	☐	5.000	4.638	4667.60	0.0014	P	2.8
4	☐	50.000	49.596	47647.30	0.0149	P	0.7
5	☐	125.000	124.584	118512.04	0.0372	P	0.6
6	☐	250.000	253.674	238760.39	0.0758	P	0.5
7	☐	500.000	504.071	475382.17	0.1505	P	0.7
8	☐	1000.000	997.120	936059.45	0.2976	P	0.7
9	☐			927.84	0.0003	P	10.0

$$y = 2.9845E-004 * x + 5.3874E-005$$

$$R = 1.0000$$

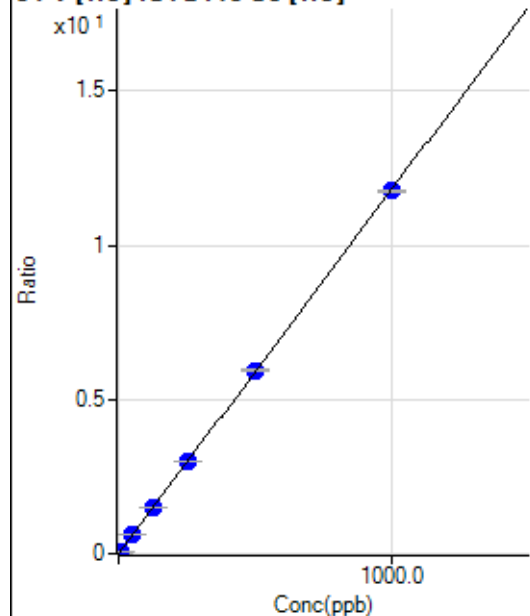
$$DL = 0.06441$$

$$BEC = 0.1805$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0001	P	16.8
2	☐	0.500					
3	☐	5.000	5.111	8575.95	0.0604	P	2.7
4	☐	50.000	50.948	84418.46	0.6011	P	0.6
5	☐	125.000	128.092	210019.40	1.5110	P	0.2
6	☐	250.000	253.500	416934.92	2.9901	P	0.2
7	☐	500.000	503.970	838367.20	5.9444	P	1.0
8	☐	1000.000	996.706	1698038.83	11.7561	P	0.8
9	☐			447.79	0.0032	P	5.4

$$y = 0.0118 * x + 1.4323E-004$$

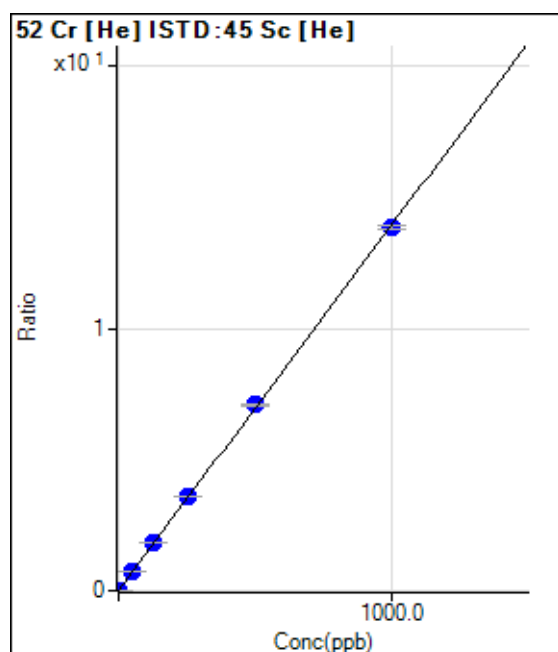
$$R = 1.0000$$

$$DL = 0.006114$$

$$BEC = 0.01214$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	708.92	0.0051	P	8.1
2	☐	0.200					
3	☐	2.000	2.082	4831.98	0.0340	P	4.2
4	☐	50.000	51.872	102101.31	0.7270	P	1.0
5	☐	125.000	130.204	252574.51	1.8171	P	0.4
6	☐	250.000	258.893	503100.04	3.6081	P	0.5
7	☐	500.000	508.166	998126.38	7.0772	P	0.9
8	☐	1000.000	992.949	1996684.35	13.8239	P	0.9
9	☐			43755.91	0.3135	P	1.3

$$y = 0.0139 * x + 0.0051$$

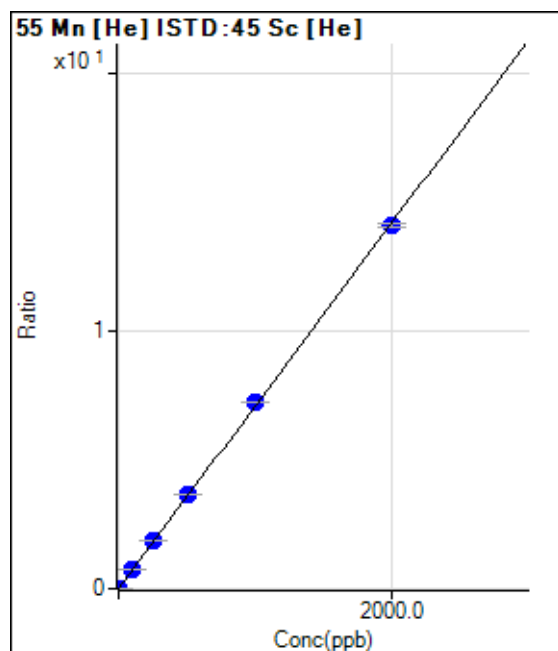
$$R = 0.9999$$

$$DL = 0.08851$$

$$BEC = 0.3647$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.66	0.0004	P	10.3
2	☐	0.100					
3	☐	1.000	1.000	1065.61	0.0075	P	9.3
4	☐	100.000	104.130	103915.75	0.7399	P	0.3
5	☐	250.000	260.796	257487.43	1.8525	P	0.3
6	☐	500.000	515.998	511007.14	3.6648	P	0.3
7	☐	1000.000	1017.991	1019693.35	7.2297	P	0.3
8	☐	2000.000	1985.449	2036566.76	14.1002	P	1.1
9	☐			7976.73	0.0572	P	4.3

$$y = 0.0071 * x + 4.0576E-004$$

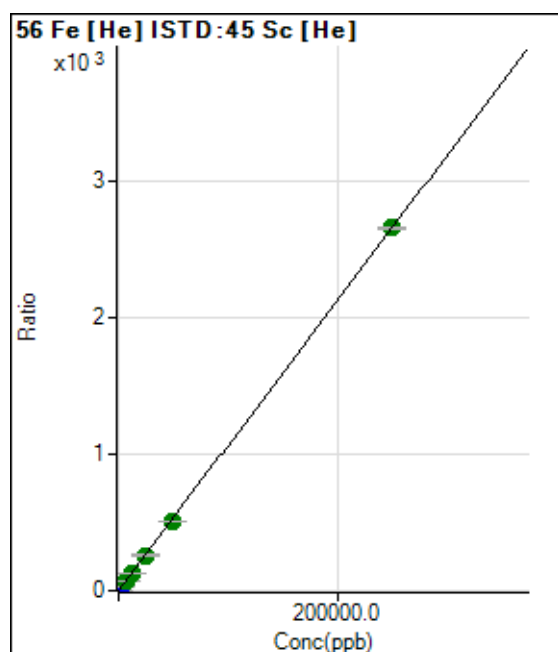
$$R = 0.9999$$

$$DL = 0.01768$$

$$BEC = 0.05714$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2455.82	0.0176	P	3.3
2	☐	5.000					
3	☐	50.000	51.905	80557.35	0.5676	P	0.5
4	☐	2500.000	2571.902	3829899.34	27.2689	P	0.1
5	☐	6250.000	6236.044	9186715.13	66.0934	A	0.2
6	☐	12500.000	12365.205	18270995.32	131.0367	A	0.8
7	☐	25000.000	24447.153	36534138.32	259.0544	A	1.3
8	☐	50000.000	47704.586	73007022.00	505.4852	A	1.8
9	☐	250000.00	250520.73	370476060.1	2,654.481	A	0.2

$$y = 0.0106 * x + 0.0176$$

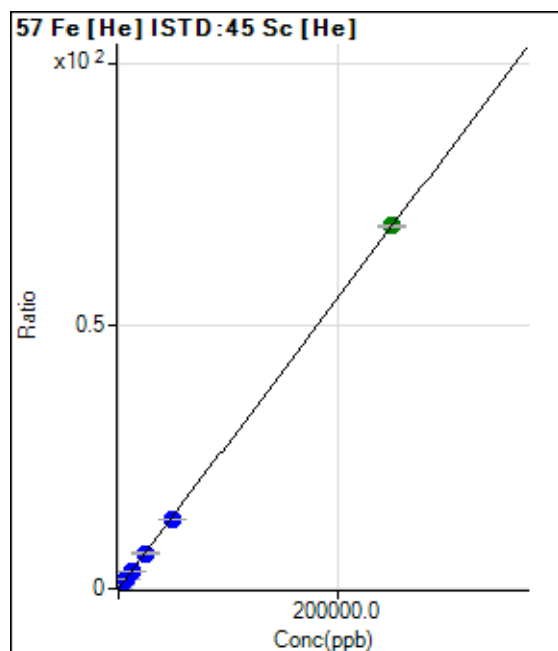
$$R = 1.0000$$

$$DL = 0.1665$$

$$BEC = 1.66$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.70	0.0004	P	41.9
2	☐	5.000					
3	☐	50.000	47.325	1907.59	0.0134	P	4.3
4	☐	2500.000	2526.920	97956.36	0.6974	P	1.0
5	☐	6250.000	6238.029	239225.64	1.7211	P	1.3
6	☐	12500.000	12395.670	476832.55	3.4197	P	0.7
7	☐	25000.000	24508.975	953568.09	6.7611	P	0.6
8	☐	50000.000	47624.557	1897542.69	13.1375	P	1.0
9	☐	250000.00	250529.43	9645201.14	69.1084	A	0.3

$$y = 2.7585E-004 * x + 3.8467E-004$$

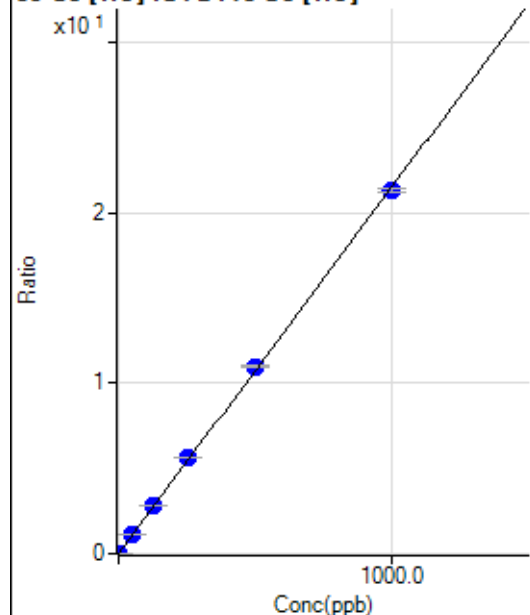
$$R = 0.9999$$

$$DL = 1.753$$

$$BEC = 1.394$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.78	0.0008	P	18.5
2	☐	0.100					
3	☐	1.000	1.010	3201.51	0.0226	P	1.6
4	☐	50.000	53.139	160532.45	1.1430	P	0.2
5	☐	125.000	132.504	395976.26	2.8488	P	0.4
6	☐	250.000	261.686	784390.01	5.6254	P	0.2
7	☐	500.000	510.669	1548138.42	10.9770	P	0.8
8	☐	1000.000	990.649	3075520.23	21.2935	P	1.2
9	☐			3917.25	0.0281	P	1.8

$$y = 0.0215 * x + 8.4348E-004$$

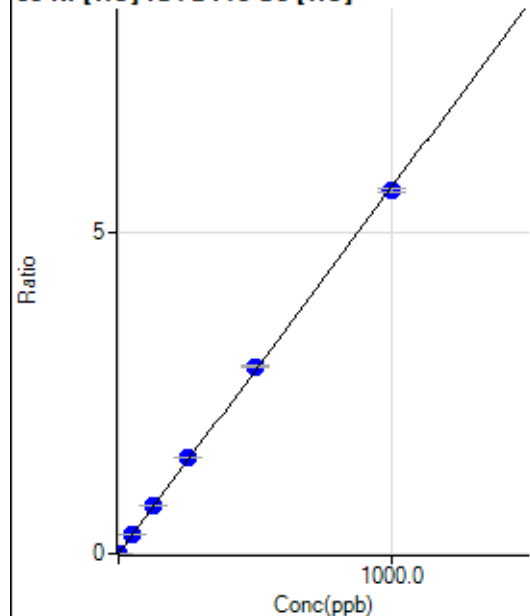
$$R = 0.9998$$

$$DL = 0.02183$$

$$BEC = 0.03924$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0004	P	20.2
2	☐	0.100					
3	☐	1.000	1.042	903.38	0.0064	P	3.7
4	☐	50.000	53.270	42663.18	0.3038	P	0.5
5	☐	125.000	132.079	104598.10	0.7525	P	0.8
6	☐	250.000	261.830	207949.74	1.4914	P	0.3
7	☐	500.000	511.206	410613.26	2.9114	P	0.6
8	☐	1000.000	990.391	814617.52	5.6400	P	1.2
9	☐			9724.49	0.0697	P	0.0

$$y = 0.0057 * x + 4.2970E-004$$

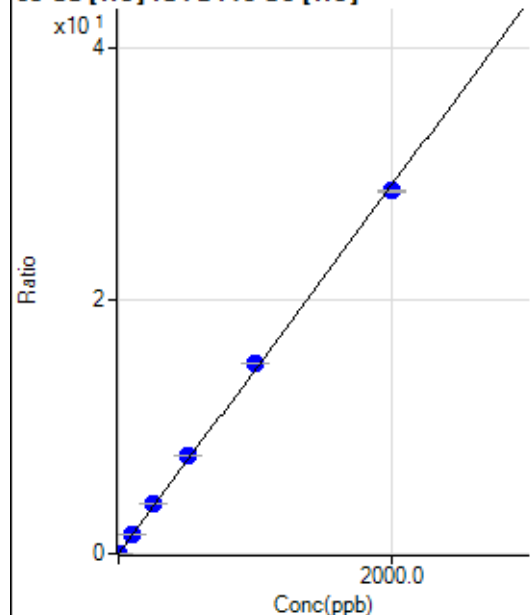
$$R = 0.9998$$

$$DL = 0.04569$$

$$BEC = 0.07546$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	290.01	0.0021	P	8.3
2	☐	0.200					
3	☐	2.000	2.190	4816.42	0.0339	P	2.4
4	☐	100.000	108.400	221753.89	1.5789	P	0.3
5	☐	250.000	271.769	549767.85	3.9553	P	0.2
6	☐	500.000	532.517	1080375.22	7.7481	P	0.5
7	☐	1000.000	1035.324	2124267.45	15.0620	P	0.8
8	☐	2000.000	1971.067	4141607.09	28.6734	P	0.5
9	☐			5932.41	0.0425	P	3.2

$$y = 0.0145 * x + 0.0021$$

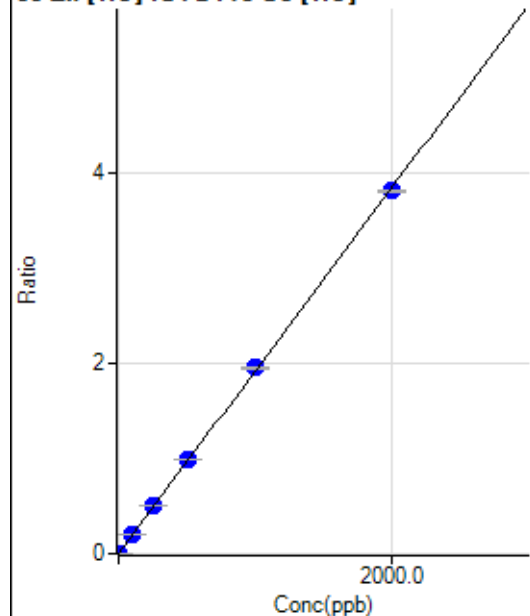
$$R = 0.9996$$

$$DL = 0.0356$$

$$BEC = 0.1428$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0007	P	18.0
2	☐	0.200					
3	☐	2.000	2.409	761.14	0.0054	P	5.2
4	☐	100.000	105.992	28672.73	0.2041	P	1.4
5	☐	250.000	260.910	69697.34	0.5014	P	0.4
6	☐	500.000	517.372	138541.97	0.9936	P	0.2
7	☐	1000.000	1016.287	275164.83	1.9510	P	0.9
8	☐	2000.000	1985.849	550545.45	3.8116	P	0.8
9	☐			2888.11	0.0207	P	6.6

$$y = 0.0019 * x + 7.3989E-004$$

$$R = 0.9999$$

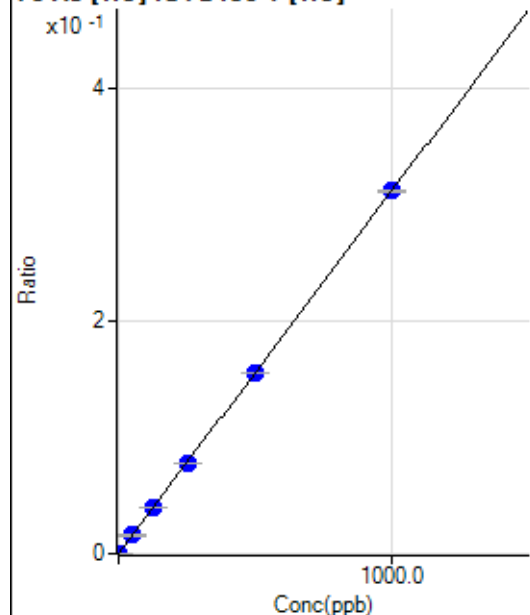
$$DL = 0.208$$

$$BEC = 0.3856$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.02	0.0000	P	57.6
2	☐	0.100					
3	☐	1.000	1.015	226.55	0.0003	P	7.8
4	☐	50.000	50.427	10691.64	0.0157	P	1.9
5	☐	125.000	125.192	26331.25	0.0390	P	0.7
6	☐	250.000	250.503	52714.74	0.0781	P	0.6
7	☐	500.000	497.388	106123.44	0.1550	P	0.4
8	☐	1000.000	1001.135	216553.69	0.3120	P	0.6
9	☐			303.09	0.0005	P	12.3

$$y = 3.1165\text{E-}004 * x + 1.1937\text{E-}005$$

$$R = 1.0000$$

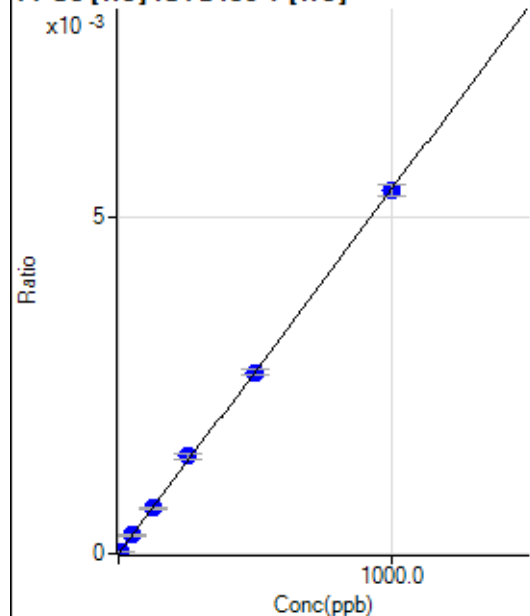
$$DL = 0.06618$$

$$BEC = 0.0383$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.938	22.22	0.0000	P	52.3
4	☐	50.000	50.465	185.56	0.0003	P	17.3
5	☐	125.000	124.796	455.57	0.0007	P	5.8
6	☐	250.000	267.392	976.72	0.0014	P	7.0
7	☐	500.000	498.936	1847.93	0.0027	P	2.3
8	☐	1000.000	996.181	3740.54	0.0054	P	3.1
9	☐			14.44	0.0000	P	53.5

$$y = 5.4100\text{E-}006 * x + 0.0000\text{E+}000$$

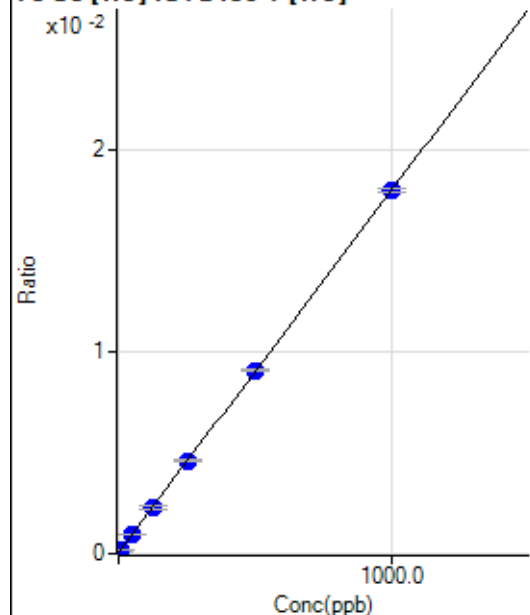
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.83	0.0001	P	24.0
2	☐	0.500					
3	☐	5.000	5.326	111.11	0.0002	P	5.5
4	☐	50.000	48.309	633.97	0.0009	P	2.6
5	☐	125.000	125.180	1559.97	0.0023	P	8.5
6	☐	250.000	251.583	3093.56	0.0046	P	2.3
7	☐	500.000	502.585	6221.75	0.0091	P	1.5
8	☐	1000.000	998.372	12485.69	0.0180	P	1.2
9	☐			72.84	0.0001	P	6.1

$$y = 1.7953\text{E-}005 * x + 6.5304\text{E-}005$$

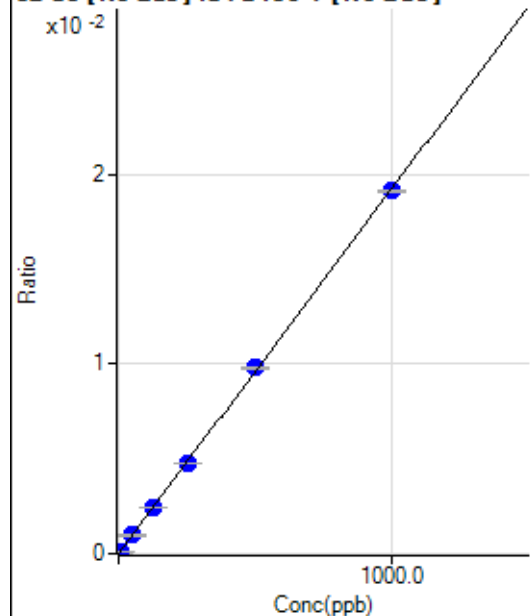
$$R = 1.0000$$

$$DL = 2.618$$

$$BEC = 3.637$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-18.24	0.0000	P	-173.
2	☐	0.500					
3	☐	5.000	4.823	425.49	0.0001	P	0.6
4	☐	50.000	50.413	4529.40	0.0010	P	1.6
5	☐	125.000	126.125	11257.52	0.0024	P	2.2
6	☐	250.000	249.731	22368.19	0.0048	P	0.5
7	☐	500.000	509.199	45316.48	0.0098	P	0.6
8	☐	1000.000	995.307	89042.66	0.0191	P	0.5
9	☐			150.46	0.0000	P	46.4

$$y = 1.9202\text{E-}005 * x - 3.8578\text{E-}006$$

$$R = 0.9999$$

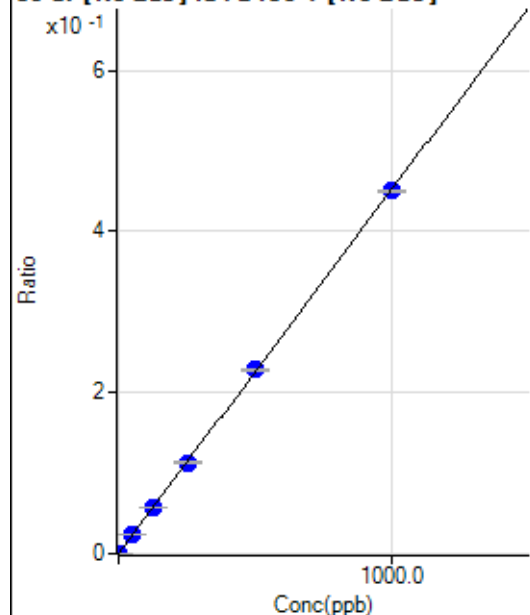
$$DL = 1.048$$

$$BEC = -0.2009$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	597.27	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.986	2742.04	0.0006	P	5.2
4	☐	50.000	50.541	107799.45	0.0229	P	0.7
5	☐	125.000	126.318	266146.47	0.0572	P	0.2
6	☐	250.000	250.414	528409.18	0.1132	P	0.5
7	☐	500.000	505.335	1058482.26	0.2283	P	0.4
8	☐	1000.000	997.037	2098337.13	0.4503	P	0.8
9	☐			59144.61	0.0136	P	1.6

$$y = 4.5150\text{E-}004 * x + 1.2704\text{E-}004$$

$$R = 1.0000$$

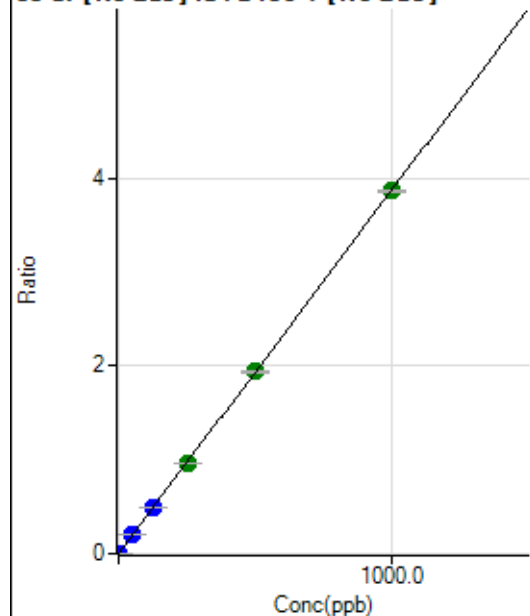
$$DL = 0.04412$$

$$BEC = 0.2814$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	16.6
2	☐	0.100					
3	☐	1.000	0.922	17260.98	0.0036	P	2.9
4	☐	50.000	50.518	918952.78	0.1956	P	0.8
5	☐	125.000	125.168	2256445.76	0.4846	P	0.1
6	☐	250.000	249.616	4511653.01	0.9664	A	0.2
7	☐	500.000	502.239	9015556.54	1.9444	A	0.9
8	☐	1000.000	998.930	18021744.85	3.8674	A	0.7
9	☐			509336.63	0.1168	P	0.2

$$y = 0.0039 * x + 3.3087\text{E-}005$$

$$R = 1.0000$$

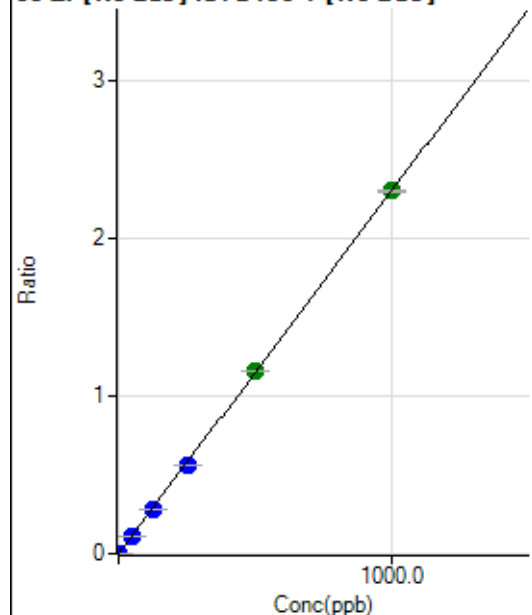
$$DL = 0.00426$$

$$BEC = 0.008546$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.34	0.0000	P	2.9
2	☐	0.100					
3	☐	1.000	0.691	7869.12	0.0016	P	7.1
4	☐	50.000	48.702	526879.56	0.1122	P	1.0
5	☐	125.000	123.477	1323625.68	0.2843	P	0.1
6	☐	250.000	243.688	2618918.24	0.5610	P	0.2
7	☐	500.000	503.025	5368927.64	1.1579	A	0.4
8	☐	1000.000	1000.321	10730295.99	2.3026	A	0.5
9	☐			2742.04	0.0006	P	7.0

$$y = 0.0023 * x + 4.9613E-005$$

$$R = 1.0000$$

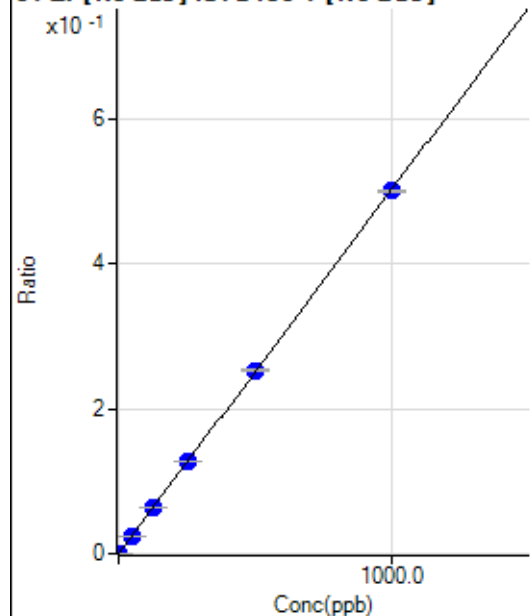
$$DL = 0.001903$$

$$BEC = 0.02155$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	11.8
2	☐	0.100					
3	☐	1.000	0.706	1769.62	0.0004	P	6.1
4	☐	50.000	49.697	117386.73	0.0250	P	1.1
5	☐	125.000	127.107	297472.04	0.0639	P	0.1
6	☐	250.000	251.958	591153.39	0.1266	P	0.4
7	☐	500.000	504.196	1174858.79	0.2534	P	0.2
8	☐	1000.000	997.164	2335198.40	0.5011	P	0.3
9	☐			711.16	0.0002	P	4.2

$$y = 5.0253E-004 * x + 1.4169E-005$$

$$R = 1.0000$$

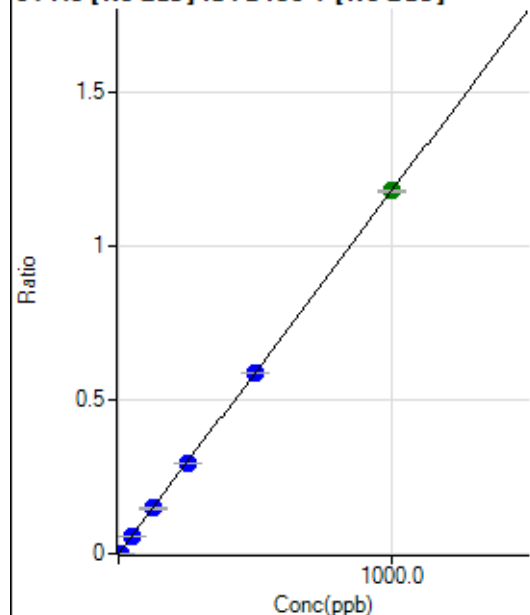
$$DL = 0.009986$$

$$BEC = 0.0282$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	1.947	11115.86	0.0023	P	2.2
4	☐	50.000	49.200	272016.60	0.0579	P	0.9
5	☐	125.000	124.994	684715.82	0.1471	P	1.0
6	☐	250.000	248.005	1362065.18	0.2918	P	0.2
7	☐	500.000	498.886	2721158.42	0.5869	P	0.3
8	☐	1000.000	1001.112	5487857.29	1.1777	A	0.7
9	☐			10204.07	0.0023	P	8.1

$$y = 0.0012 * x + 2.7793E-005$$

$$R = 1.0000$$

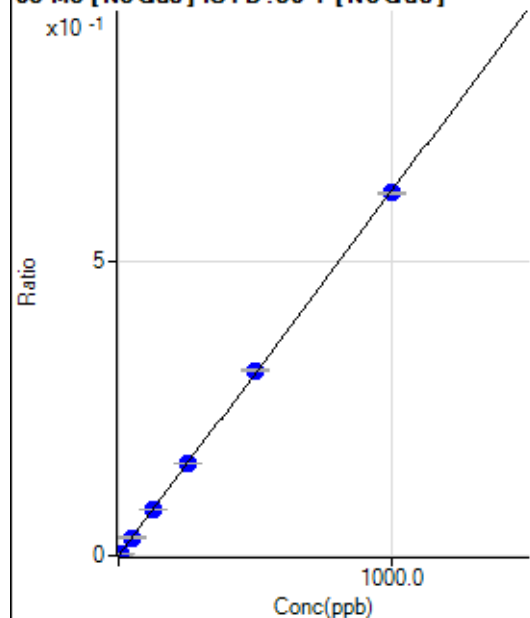
$$DL = 0.01633$$

$$BEC = 0.02363$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	6.0
2	☐	0.500					
3	☐	5.000	4.899	14630.34	0.0031	P	0.8
4	☐	50.000	49.717	144715.03	0.0308	P	2.1
5	☐	125.000	126.213	364004.95	0.0782	P	0.7
6	☐	250.000	252.042	728746.67	0.1561	P	0.3
7	☐	500.000	508.160	1459179.50	0.3147	P	0.6
8	☐	1000.000	995.272	2872279.71	0.6164	P	0.3
9	☐			15951.21	0.0037	P	6.7

$$y = 6.1928E-004 * x + 1.8316E-005$$

$$R = 0.9999$$

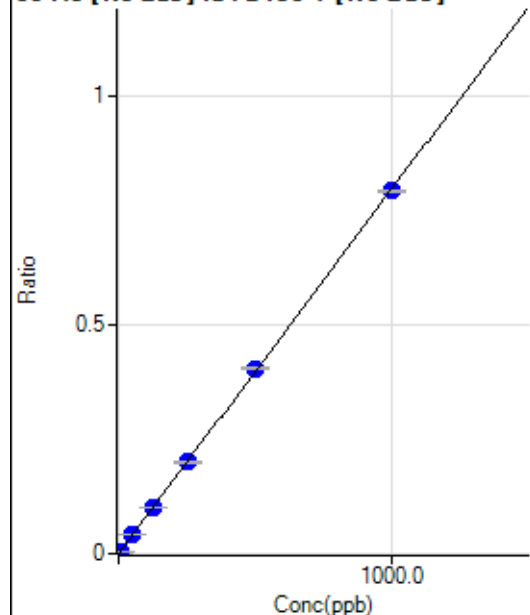
$$DL = 0.005355$$

$$BEC = 0.02958$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	30.7
2	☐	0.500					
3	☐	5.000	4.090	15700.92	0.0033	P	3.1
4	☐	50.000	50.441	188754.56	0.0402	P	1.2
5	☐	125.000	125.878	466732.32	0.1002	P	0.5
6	☐	250.000	250.895	932657.27	0.1998	P	0.3
7	☐	500.000	507.471	1873462.95	0.4041	P	0.9
8	☐	1000.000	995.913	3695182.55	0.7930	P	0.5
9	☐			20098.21	0.0046	P	5.9

$$y = 7.9619\text{E-}004 * x + 1.8932\text{E-}005$$

$$R = 1.0000$$

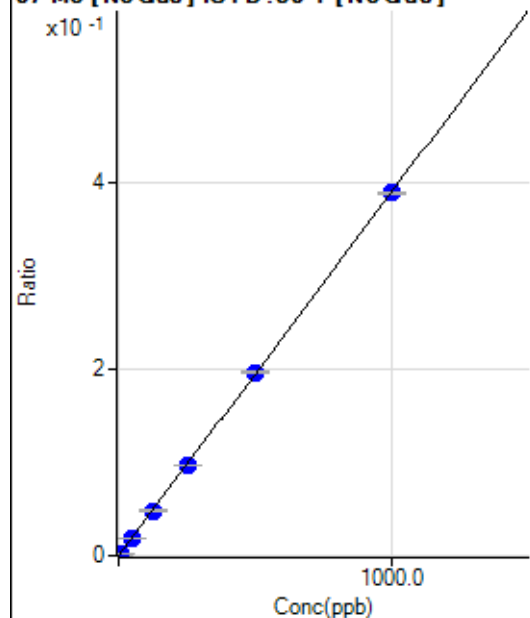
$$DL = 0.02192$$

$$BEC = 0.02378$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	69.7
2	☐	0.500					
3	☐	5.000	4.768	8980.99	0.0019	P	2.1
4	☐	50.000	49.594	91009.55	0.0194	P	1.4
5	☐	125.000	124.079	225601.44	0.0485	P	0.7
6	☐	250.000	249.844	455418.77	0.0976	P	0.7
7	☐	500.000	503.913	912213.31	0.1967	P	1.3
8	☐	1000.000	998.219	1816146.72	0.3897	P	0.4
9	☐			10129.00	0.0023	P	6.1

$$y = 3.9041\text{E-}004 * x + 1.1834\text{E-}005$$

$$R = 1.0000$$

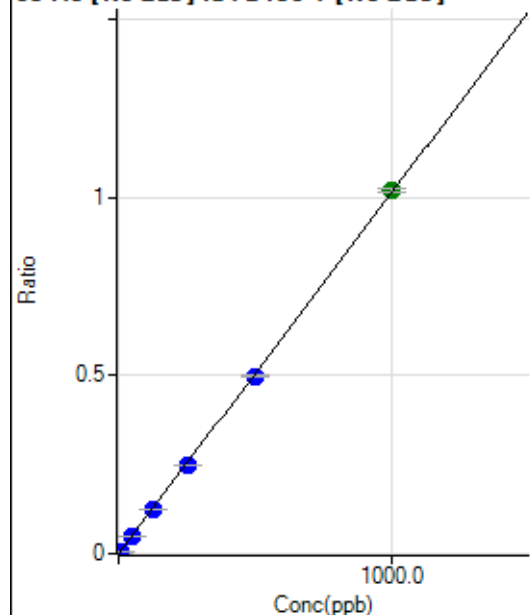
$$DL = 0.06337$$

$$BEC = 0.03031$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	4.589	22457.40	0.0047	P	0.2
4	☐	50.000	48.768	232146.62	0.0494	P	1.6
5	☐	125.000	122.923	579719.04	0.1245	P	0.5
6	☐	250.000	245.419	1160314.66	0.2485	P	0.7
7	☐	500.000	492.685	2313248.55	0.4989	P	1.4
8	☐	1000.000	1005.126	4742961.17	1.0178	A	1.0
9	☐			25971.72	0.0060	P	6.7

$$y = 0.0010 * x + 3.8395E-005$$

$$R = 0.9999$$

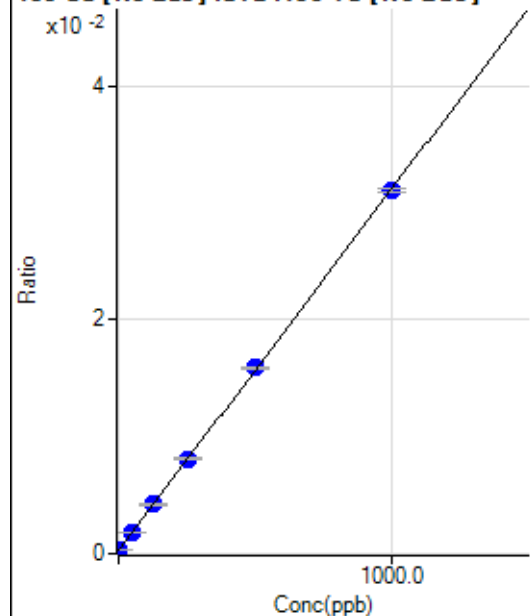
$$DL = 0.007968$$

$$BEC = 0.03792$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1389.01	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	1.435	1633.50	0.0003	P	5.7
4	☐	50.000	49.251	8764.16	0.0018	P	2.3
5	☐	125.000	126.860	20006.52	0.0042	P	3.6
6	☐	250.000	253.662	38408.40	0.0081	P	1.2
7	☐	500.000	505.705	74780.92	0.0159	P	0.7
8	☐	1000.000	996.036	146249.73	0.0310	P	1.2
9	☐			1339.00	0.0003	P	9.0

$$y = 3.0825E-005 * x + 2.9087E-004$$

$$R = 1.0000$$

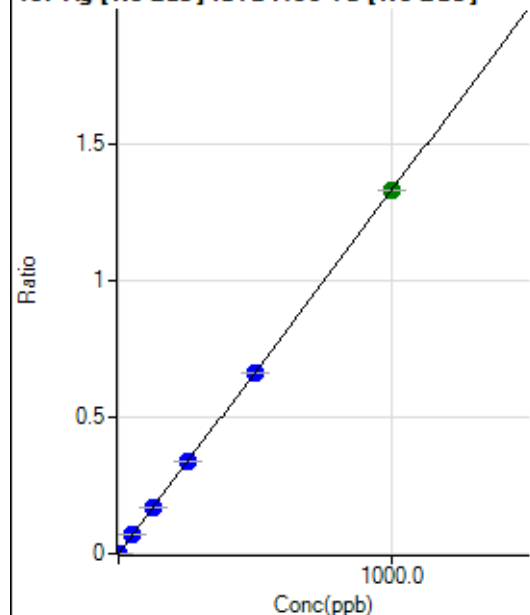
$$DL = 2.232$$

$$BEC = 9.436$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	65.8
2	☐	0.100					
3	☐	1.000	1.453	9464.67	0.0019	P	1.7
4	☐	50.000	50.956	328717.32	0.0678	P	0.2
5	☐	125.000	128.702	815992.82	0.1714	P	0.6
6	☐	250.000	254.860	1606964.98	0.3393	P	0.4
7	☐	500.000	498.304	3124277.76	0.6634	P	0.8
8	☐	1000.000	999.122	6276897.89	1.3302	A	0.1
9	☐			622.26	0.0001	P	6.9

$$y = 0.0013 * x + 6.9569E-006$$

$$R = 1.0000$$

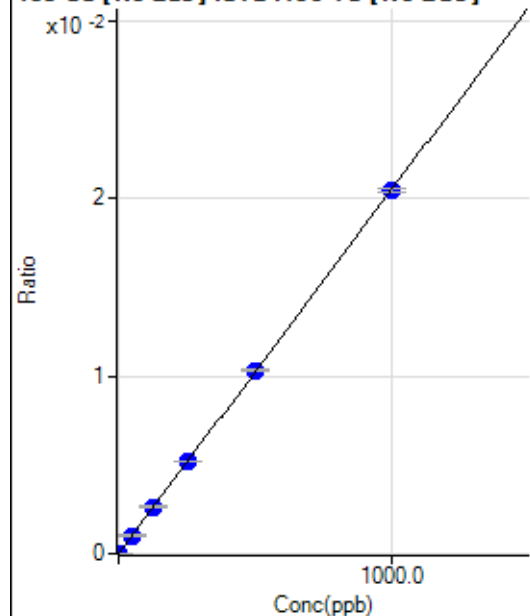
$$DL = 0.01031$$

$$BEC = 0.005226$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	0.888	98.61	0.0000	P	6.6
4	☐	50.000	49.136	4889.81	0.0010	P	4.4
5	☐	125.000	128.455	12547.42	0.0026	P	1.5
6	☐	250.000	253.432	24610.49	0.0052	P	1.1
7	☐	500.000	503.604	48620.90	0.0103	P	0.6
8	☐	1000.000	996.951	96430.53	0.0204	P	0.9
9	☐			25.00	0.0000	P	59.9

$$y = 2.0496E-005 * x + 2.0423E-006$$

$$R = 1.0000$$

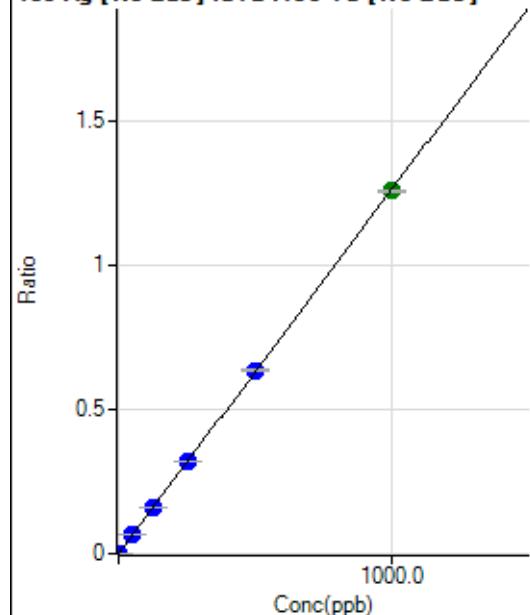
$$DL = 0.1492$$

$$BEC = 0.09964$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	1.457	8983.74	0.0018	P	1.7
4	☐	50.000	50.856	310970.96	0.0642	P	0.6
5	☐	125.000	128.196	770409.49	0.1618	P	1.4
6	☐	250.000	254.880	1523383.35	0.3217	P	0.5
7	☐	500.000	502.399	2985851.76	0.6340	P	1.1
8	☐	1000.000	997.138	5938002.96	1.2584	A	0.6
9	☐			586.15	0.0001	P	22.5

$$y = 0.0013 * x + 4.0741E-006$$

$$R = 1.0000$$

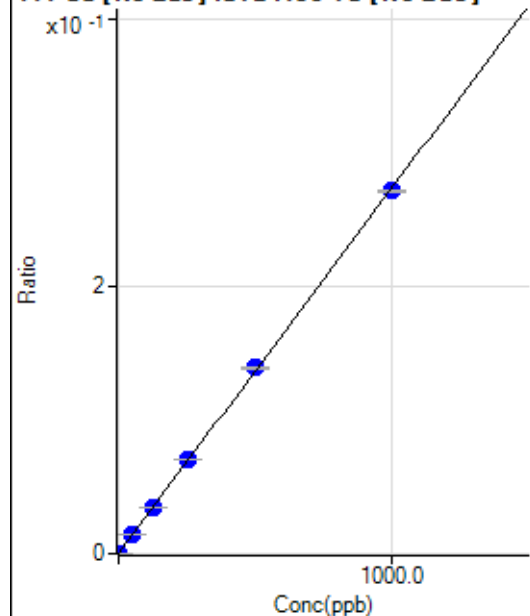
$$DL = 0.002403$$

$$BEC = 0.003228$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	978.00	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	1.057	2402.29	0.0005	P	1.2
4	☐	50.000	51.078	68444.60	0.0141	P	0.7
5	☐	125.000	127.878	166964.59	0.0351	P	0.6
6	☐	250.000	256.424	331984.40	0.0701	P	0.9
7	☐	500.000	508.709	653966.31	0.1389	P	0.6
8	☐	1000.000	993.626	1278959.39	0.2710	P	0.6
9	☐			1096.20	0.0002	P	5.2

$$y = 2.7257E-004 * x + 2.0480E-004$$

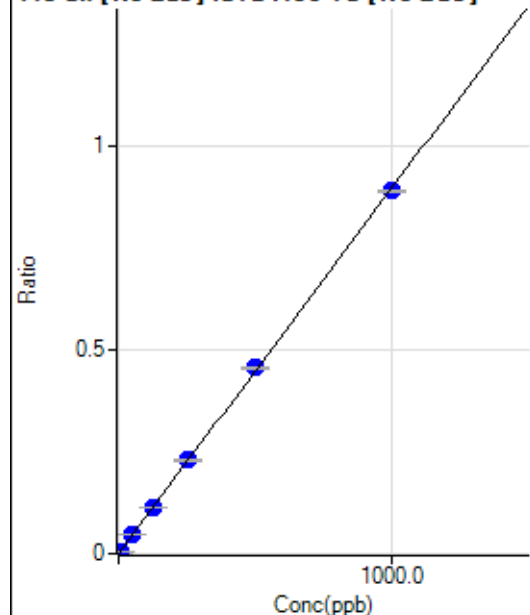
$$R = 0.9999$$

$$DL = 0.1813$$

$$BEC = 0.7514$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.13	0.0001	P	13.6
2	☐	0.500					
3	☐	5.000	4.912	21745.29	0.0045	P	1.6
4	☐	50.000	50.490	219693.30	0.0453	P	0.8
5	☐	125.000	127.220	543709.30	0.1142	P	0.5
6	☐	250.000	255.704	1086567.59	0.2294	P	0.3
7	☐	500.000	509.438	2152365.72	0.4570	P	0.6
8	☐	1000.000	993.553	4205782.61	0.8913	P	0.7
9	☐			6643.51	0.0015	P	11.1

$$y = 8.9702\text{E-}004 * x + 5.4713\text{E-}005$$

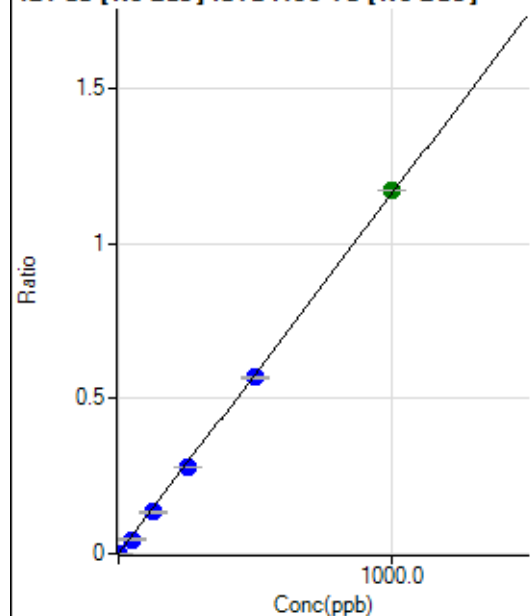
$$R = 0.9999$$

$$DL = 0.02481$$

$$BEC = 0.06099$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	88.9
2	☐	0.200					
3	☐	2.000	1.909	10812.90	0.0022	P	1.6
4	☐	50.000	40.048	225114.07	0.0465	P	2.2
5	☐	125.000	115.747	639388.14	0.1343	P	1.7
6	☐	250.000	241.349	1325968.70	0.2800	P	0.9
7	☐	500.000	489.794	2675804.77	0.5682	P	0.7
8	☐	1000.000	1008.920	5522903.55	1.1704	A	0.2
9	☐			28861.14	0.0065	P	5.1

$$y = 0.0012 * x + 4.0662\text{E-}006$$

$$R = 0.9999$$

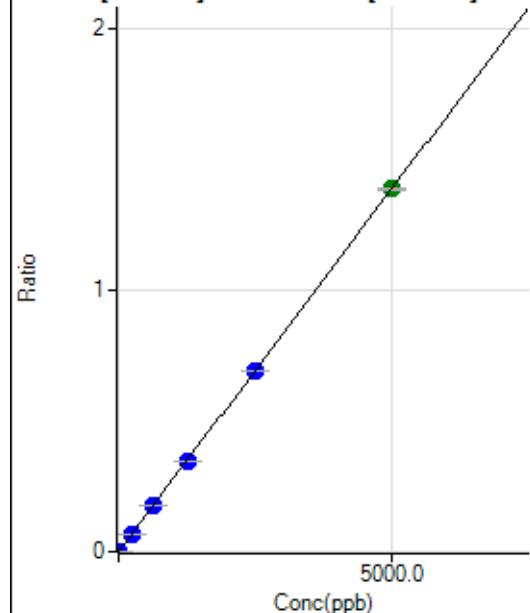
$$DL = 0.009349$$

$$BEC = 0.003505$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	44.1
2	☐	1.000					
3	☐	10.000	9.701	13131.63	0.0027	P	1.7
4	☐	250.000	249.624	335330.62	0.0692	P	0.5
5	☐	625.000	629.372	830932.65	0.1745	P	1.1
6	☐	1250.000	1249.124	1640154.70	0.3463	P	0.4
7	☐	2500.000	2491.300	3252797.45	0.6907	P	0.7
8	☐	5000.000	5004.042	6546801.15	1.3873	A	0.4
9	☐			2111.37	0.0005	P	8.9

$$y = 2.7724\text{E-}004 * x + 4.6654\text{E-}006$$

$$R = 1.0000$$

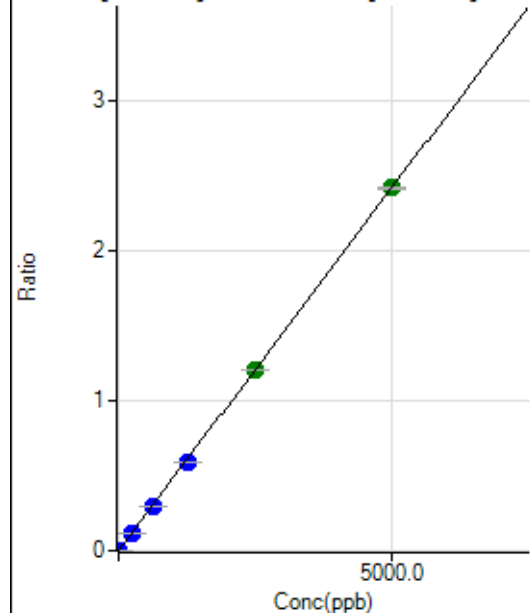
$$DL = 0.02228$$

$$BEC = 0.01683$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	21.2
2	☐	1.000					
3	☐	10.000	9.594	22613.63	0.0046	P	1.2
4	☐	250.000	246.721	576855.64	0.1191	P	1.1
5	☐	625.000	619.843	1424344.49	0.2991	P	1.0
6	☐	1250.000	1224.998	2799524.43	0.5911	P	0.3
7	☐	2500.000	2503.573	5689480.51	1.2081	A	0.1
8	☐	5000.000	5005.273	11397255.46	2.4152	A	0.4
9	☐			3536.70	0.0008	P	5.9

$$y = 4.8253\text{E-}004 * x + 9.9030\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01305$$

$$BEC = 0.02052$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			6.67		P	100.0
4	☐			17.78		P	43.3
5	☐			57.78		P	26.6
6	☐			108.89		P	24.7
7	☐			142.23		P	33.3
8	☐			331.13		P	16.4
9	☐			66.67		P	34.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			3.33		P	100.1
6	☐			8.89		P	57.3
7	☐			18.89		P	44.4
8	☐			25.56		P	39.8
9	☐			33.33		P	26.4

156 Dy [No Gas] No available calibration points

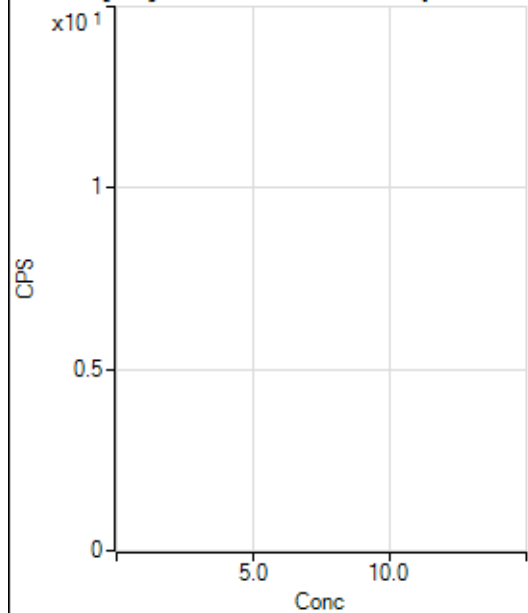
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			13.89		P	69.3
4	☐			13.89		P	34.7
5	☐			33.33		P	25.0
6	☐			36.11		P	26.7
7	☐			50.00		P	16.7
8	☐			88.89		P	14.3
9	☐			80.56		P	23.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			10.00		P	33.3
5	☐			5.55		P	69.3
6	☐			11.11		P	17.3
7	☐			11.11		P	62.5
8	☐			12.22		P	31.5
9	☐			31.11		P	37.6

160 Gd [No Gas] Noavailable calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐						
3	☐			27.78		P	45.8
4	☐			30.55		P	15.7
5	☐			30.56		P	87.7
6	☐			16.67		P	50.0
7	☐			52.78		P	32.9
8	☐			36.11		P	13.3
9	☐			61.12		P	7.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐						
3	☐			10.00		P	33.3
4	☐			13.33		P	50.0
5	☐			11.11		P	86.6
6	☐			16.67		P	40.0
7	☐			23.34		P	24.7
8	☐			30.00		P	19.2
9	☐			25.56		P	7.5

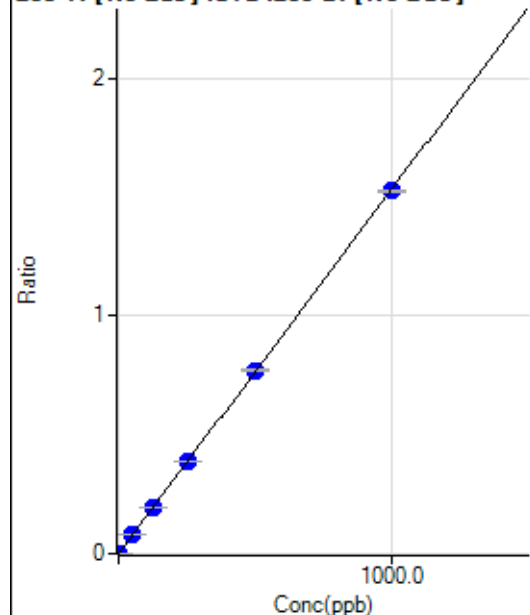
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐						
3	☐			19.44		P	65.5
4	☐			19.44		P	49.5
5	☐			13.89		P	34.7
6	☐			13.89		P	69.3
7	☐			11.11		P	114.6
8	☐			13.89		P	69.3
9	☐			69.45		P	13.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			12.22		P	31.5
4	☐			10.00		P	88.2
5	☐			11.11		P	75.5
6	☐			6.67		P	50.0
7	☐			6.67		P	100.0
8	☐			8.89		P	43.3
9	☐			34.45		P	31.1

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.985	4350.89	0.0015	P	2.6
4	☐	50.000	50.494	216352.91	0.0774	P	0.8
5	☐	125.000	127.762	543992.10	0.1957	P	0.5
6	☐	250.000	253.900	1075096.10	0.3889	P	0.2
7	☐	500.000	504.321	2114384.94	0.7724	P	0.7
8	☐	1000.000	996.495	4084621.71	1.5262	P	0.4
9	☐			1291.79	0.0005	P	15.8

$$y = 0.0015 * x + 3.6392E-005$$

$$R = 1.0000$$

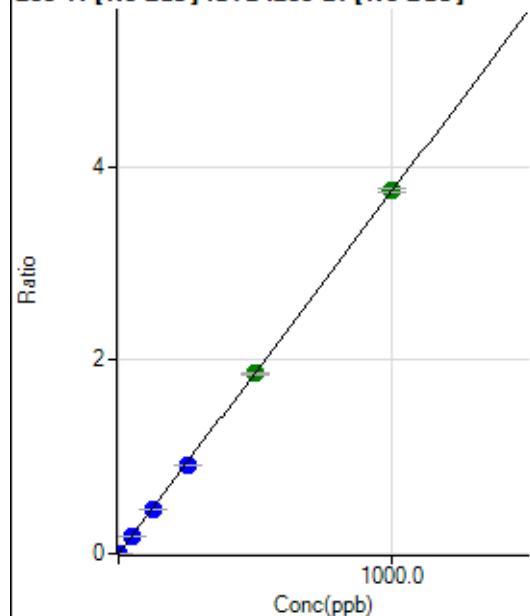
$$DL = 0.01006$$

$$BEC = 0.02376$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	147.23	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	1.000	10676.97	0.0038	P	0.4
4	☐	50.000	49.974	522763.56	0.1869	P	0.7
5	☐	125.000	124.235	1291560.44	0.4647	P	0.8
6	☐	250.000	244.603	2528977.94	0.9148	P	0.1
7	☐	500.000	497.465	5092595.34	1.8605	A	0.7
8	☐	1000.000	1002.714	10035919.15	3.7501	A	1.0
9	☐			3056.05	0.0013	P	4.0

$$y = 0.0037 * x + 5.3579E-005$$

$$R = 1.0000$$

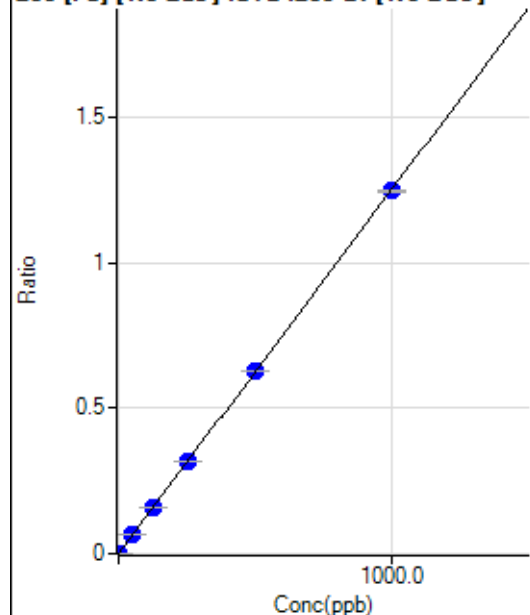
$$DL = 0.005479$$

$$BEC = 0.01433$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.72	0.0001	P	16.1
2	☐	0.100					
3	☐	1.000	0.994	3913.65	0.0014	P	2.3
4	☐	50.000	51.241	179734.31	0.0643	P	0.5
5	☐	125.000	127.941	445456.46	0.1603	P	0.7
6	☐	250.000	254.846	882092.76	0.3191	P	0.4
7	☐	500.000	502.205	1720774.82	0.6287	P	0.6
8	☐	1000.000	997.256	3340493.51	1.2482	P	0.5
9	☐			6001.50	0.0025	P	4.5

$$y = 0.0013 * x + 1.4701E-004$$

$$R = 1.0000$$

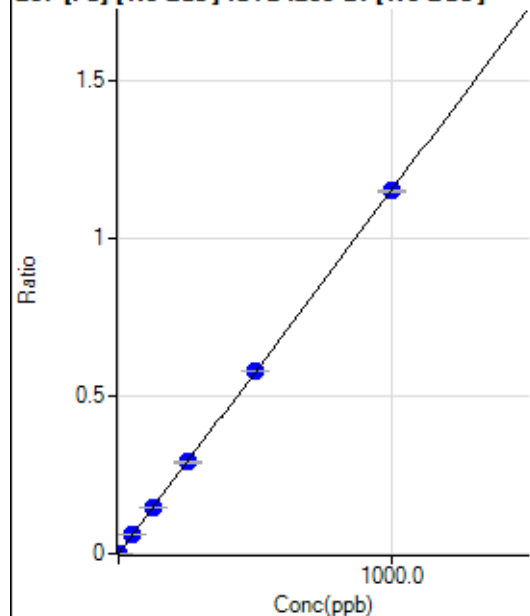
$$DL = 0.05664$$

$$BEC = 0.1175$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	348.16	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	1.007	3617.28	0.0013	P	3.1
4	☐	50.000	50.592	163150.59	0.0583	P	1.1
5	☐	125.000	126.161	403879.58	0.1453	P	0.2
6	☐	250.000	251.976	801926.78	0.2901	P	1.1
7	☐	500.000	501.940	1581377.80	0.5777	P	0.6
8	☐	1000.000	998.361	3074885.86	1.1490	P	0.7
9	☐			5271.56	0.0022	P	3.6

$$y = 0.0012 * x + 1.2671E-004$$

$$R = 1.0000$$

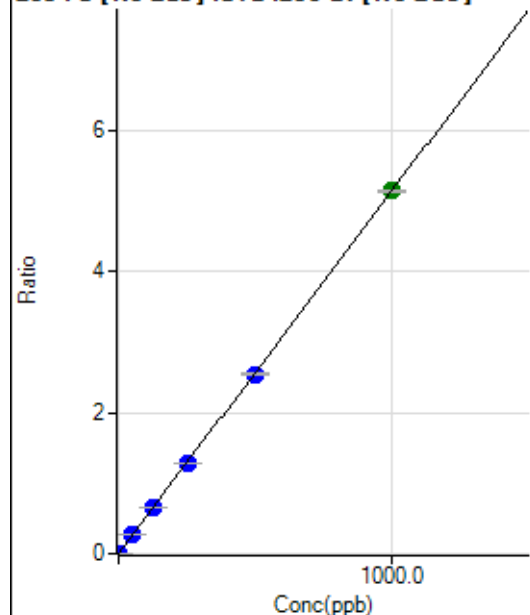
$$DL = 0.03392$$

$$BEC = 0.1101$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1640.83	0.0006	P	9.3
2	☐	0.100					
3	☐	1.000	0.972	15709.60	0.0056	P	0.6
4	☐	50.000	50.729	729356.60	0.2608	P	0.4
5	☐	125.000	126.391	1803791.97	0.6490	P	0.1
6	☐	250.000	251.155	3563283.51	1.2890	P	0.6
7	☐	500.000	496.112	6967789.79	2.5456	P	0.5
8	☐	1000.000	1001.445	13749725.65	5.1378	A	0.6
9	☐			23966.50	0.0101	P	2.9

$$y = 0.0051 * x + 5.9744E-004$$

$$R = 1.0000$$

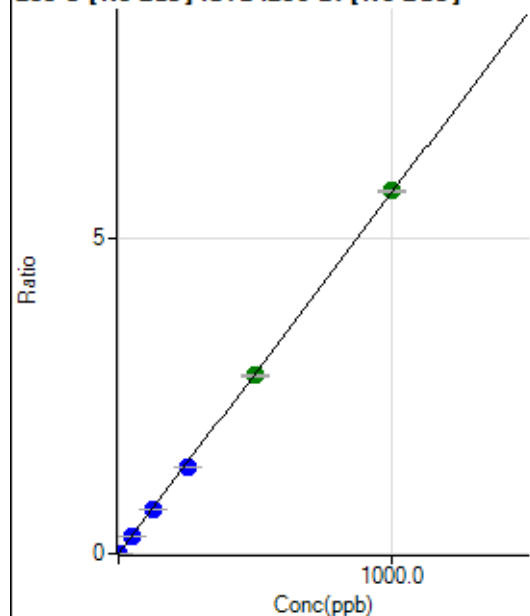
$$DL = 0.03244$$

$$BEC = 0.1165$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.13	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.956	15707.40	0.0056	P	1.0
4	☐	50.000	48.737	778549.18	0.2784	P	0.6
5	☐	125.000	121.425	1927533.16	0.6935	P	0.4
6	☐	250.000	241.438	3811564.62	1.3788	P	0.5
7	☐	500.000	493.382	7712005.38	2.8174	A	0.2
8	☐	1000.000	1005.960	15373388.71	5.7444	A	0.2
9	☐			3320.01	0.0014	P	5.2

$$y = 0.0057 * x + 1.2234E-004$$

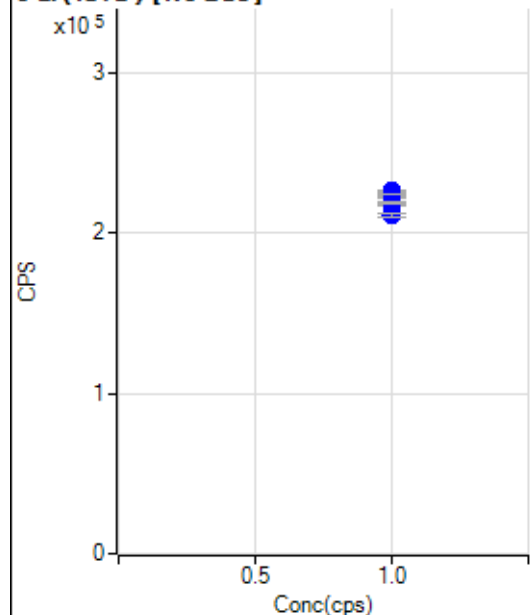
$$R = 0.9999$$

$$DL = 0.005849$$

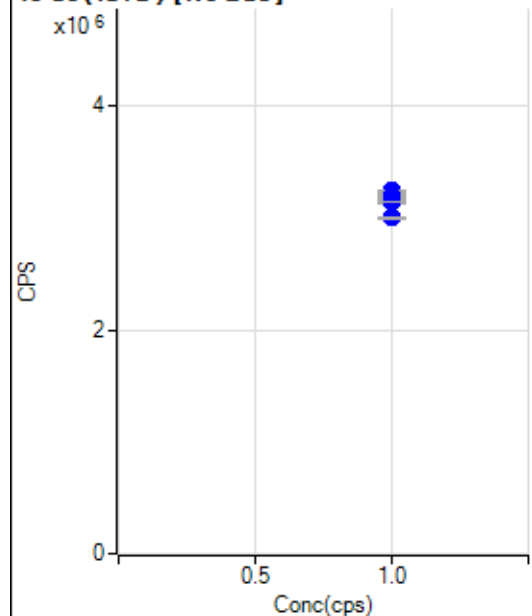
$$BEC = 0.02142$$

Weight: <None>

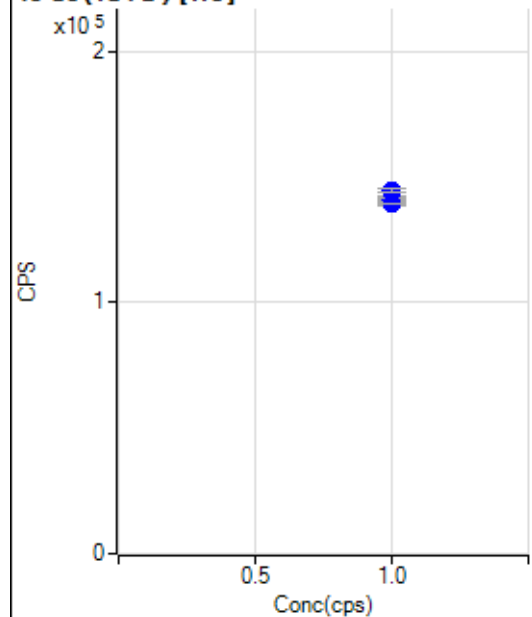
Min Conc: 0

6 Li (ISTD) [No Gas]

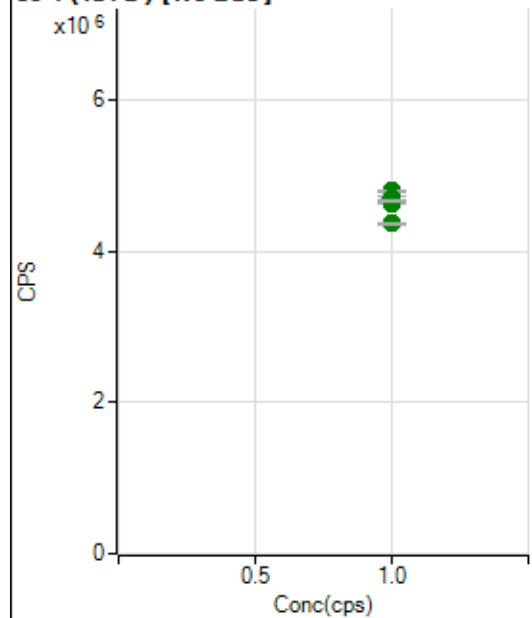
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		217566.73		P	0.4
2	☐	1.000					
3	☐	1.000		222932.45		P	0.5
4	☐	1.000		225404.39		P	0.7
5	☐	1.000		224122.64		P	0.5
6	☐	1.000		226374.01		P	0.7
7	☐	1.000		224611.69		P	0.1
8	☐	1.000		218872.76		P	0.6
9	☐	1.000		211434.09		P	1.2

45 Sc (ISTD) [No Gas]

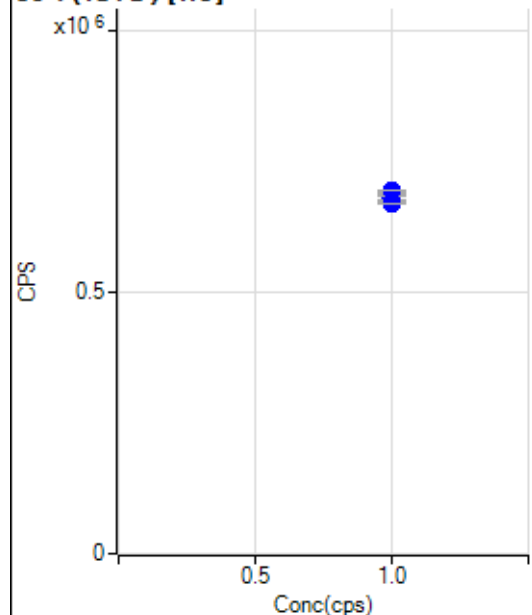
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3144139.81		P	0.7
2	☐	1.000					
3	☐	1.000		3245774.23		P	0.4
4	☐	1.000		3207308.34		P	0.6
5	☐	1.000		3182732.62		P	0.2
6	☐	1.000		3151417.37		P	0.1
7	☐	1.000		3158852.72		P	0.3
8	☐	1.000		3144881.93		P	0.2
9	☐	1.000		3003498.63		P	0.2

45 Sc (ISTD) [He]

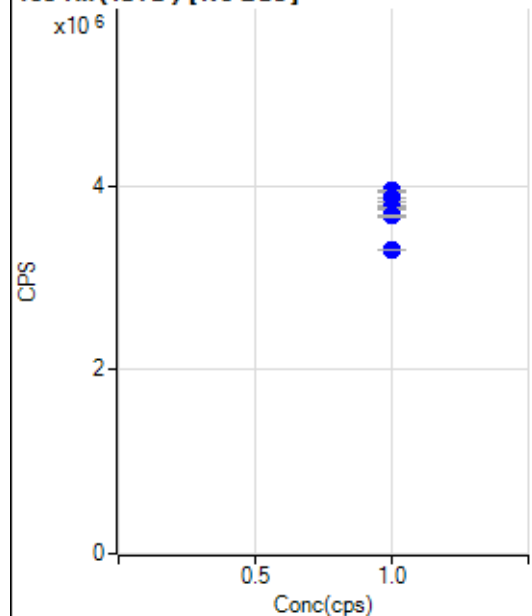
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		139660.28		P	0.2
2	☐	1.000					
3	☐	1.000		141934.24		P	0.6
4	☐	1.000		140448.71		P	0.5
5	☐	1.000		138996.48		P	0.3
6	☐	1.000		139436.12		P	0.3
7	☐	1.000		141044.52		P	1.3
8	☐	1.000		144445.48		P	0.9
9	☐	1.000		139566.31		P	0.1

89 Y (ISTD) [No Gas]

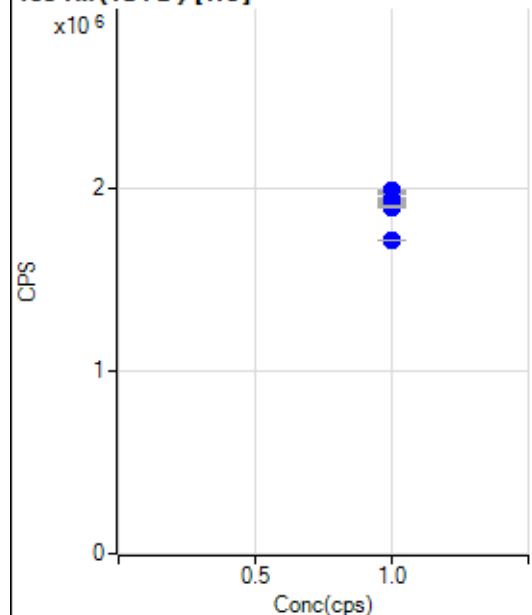
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4702739.03		A	0.8
2	☐	1.000					
3	☐	1.000		4793838.02		A	0.3
4	☐	1.000		4698111.39		A	1.3
5	☐	1.000		4656113.79		A	0.5
6	☐	1.000		4668428.37		A	0.6
7	☐	1.000		4636684.27		A	0.5
8	☐	1.000		4660057.92		A	0.5
9	☐	1.000		4361199.14		A	0.3

89 Y(ISTD) [He]

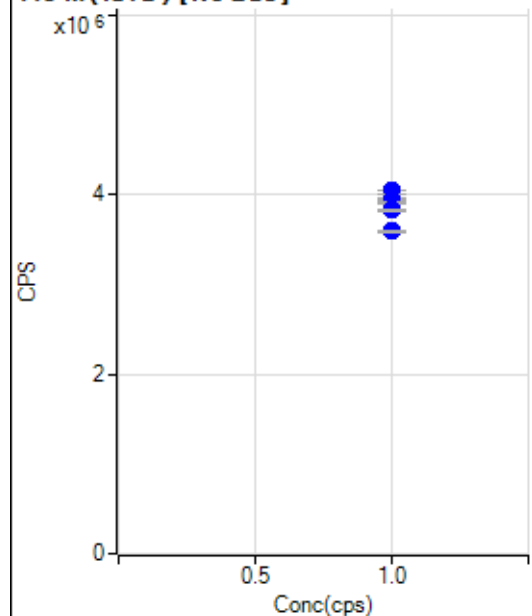
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		671078.16		P	0.6
2	☐	1.000					
3	☐	1.000		690367.99		P	0.6
4	☐	1.000		679873.41		P	0.8
5	☐	1.000		674669.54		P	0.5
6	☐	1.000		675137.37		P	0.4
7	☐	1.000		684561.14		P	0.6
8	☐	1.000		694053.25		P	0.1
9	☐	1.000		669244.93		P	0.3

103 Rh(ISTD) [No Gas]

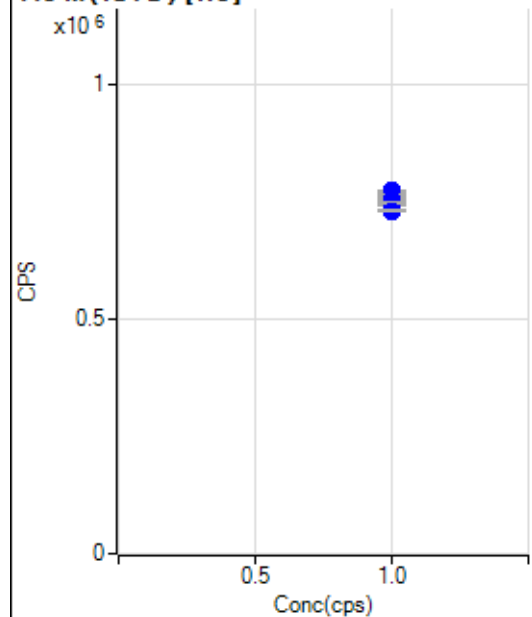
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3822823.00		P	0.0
2	☐	1.000					
3	☐	1.000		3941791.63		P	0.4
4	☐	1.000		3861626.30		P	0.1
5	☐	1.000		3824631.73		P	0.3
6	☐	1.000		3767529.55		P	0.4
7	☐	1.000		3746325.39		P	0.3
8	☐	1.000		3671341.49		P	0.6
9	☐	1.000		3303559.62		P	0.1

103 Rh (ISTD) [He]

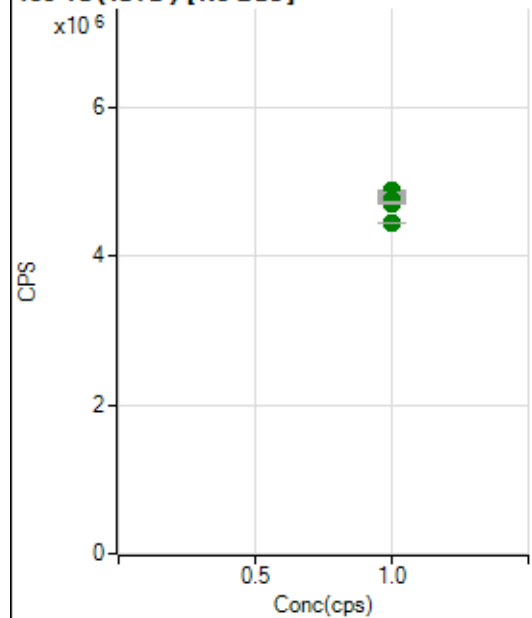
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1948389.17		P	0.3
2	☐	1.000					
3	☐	1.000		1988933.06		P	0.6
4	☐	1.000		1970397.85		P	0.3
5	☐	1.000		1934634.03		P	0.1
6	☐	1.000		1917870.40		P	0.5
7	☐	1.000		1910418.29		P	1.2
8	☐	1.000		1901750.65		P	0.6
9	☐	1.000		1718629.32		P	0.3

115 In (ISTD) [No Gas]

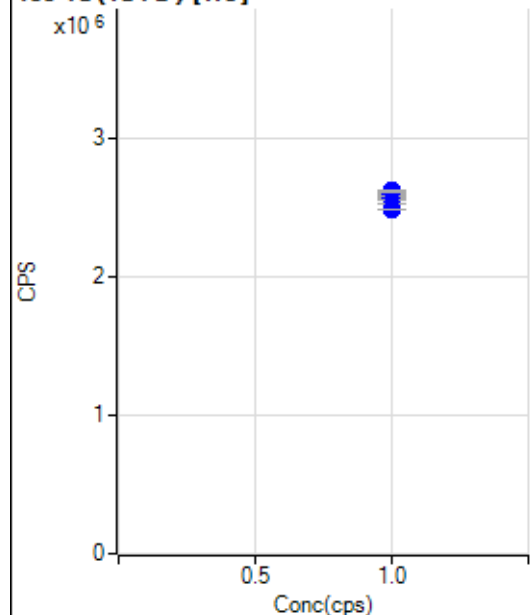
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3935552.11		P	0.6
2	☐	1.000					
3	☐	1.000		4043984.17		P	0.1
4	☐	1.000		4001157.76		P	0.2
5	☐	1.000		3948029.52		P	0.3
6	☐	1.000		3918278.62		P	0.2
7	☐	1.000		3908780.65		P	0.4
8	☐	1.000		3830033.40		P	0.3
9	☐	1.000		3594712.57		P	0.6

115 In (ISTD) [He]

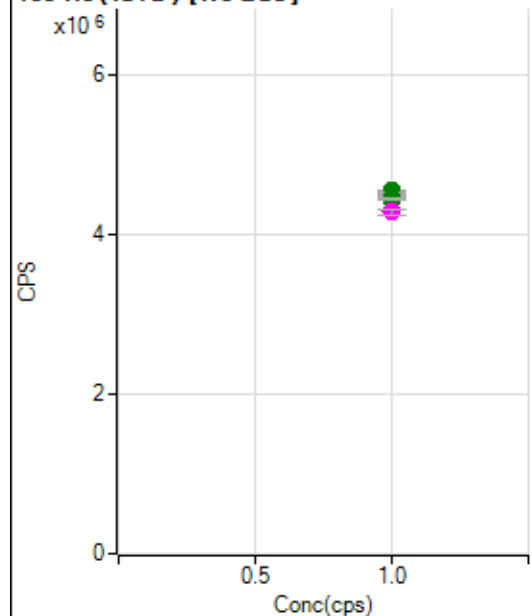
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		756148.68		P	0.4
2	☐	1.000					
3	☐	1.000		771746.34		P	0.4
4	☐	1.000		763305.50		P	0.7
5	☐	1.000		751710.42		P	0.5
6	☐	1.000		751475.73		P	0.5
7	☐	1.000		746953.58		P	1.5
8	☐	1.000		746151.44		P	0.3
9	☐	1.000		728475.83		P	0.5

159 Tb (ISTD) [No Gas]

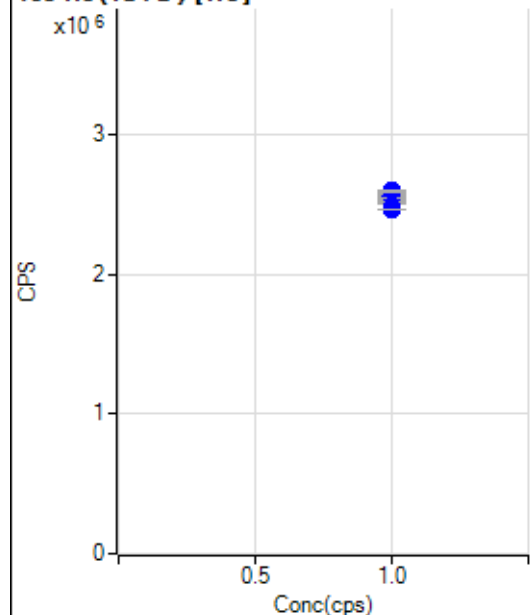
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4774058.33		A	0.9
2	☐	1.000					
3	☐	1.000		4874300.38		A	0.2
4	☐	1.000		4845015.72		A	0.4
5	☐	1.000		4762216.81		A	0.7
6	☐	1.000		4736019.41		A	0.1
7	☐	1.000		4709558.37		A	0.7
8	☐	1.000		4718888.68		A	0.7
9	☐	1.000		4437226.60		A	0.3

159 Tb (ISTD) [He]

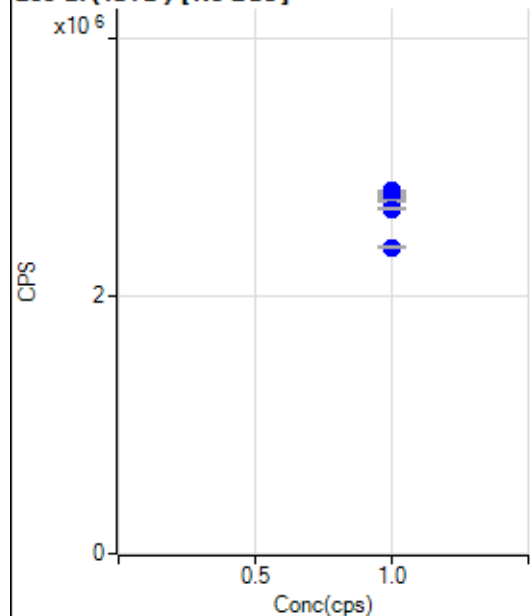
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2524650.24		P	0.1
2	☐	1.000					
3	☐	1.000		2590040.26		P	0.3
4	☐	1.000		2571104.48		P	1.0
5	☐	1.000		2557290.66		P	0.4
6	☐	1.000		2563443.71		P	0.9
7	☐	1.000		2586152.51		P	1.1
8	☐	1.000		2614899.56		P	0.5
9	☐	1.000		2479139.48		P	0.2

165 Ho (ISTD) [No Gas]

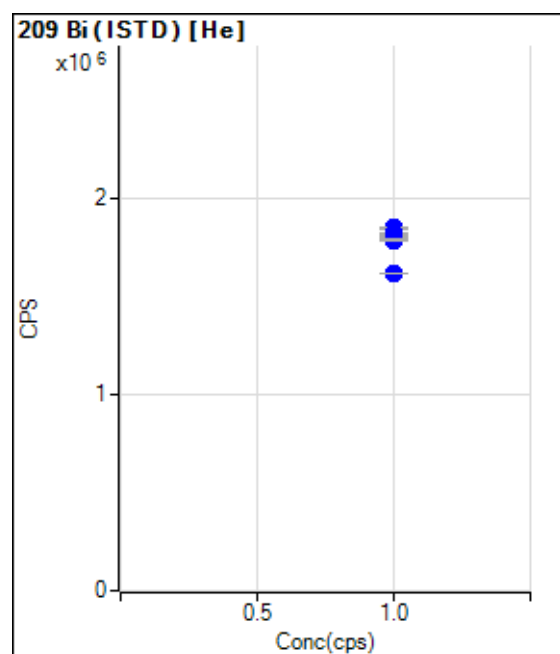
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4489539.46		A	0.5
2	☐	1.000					
3	☐	1.000		4538508.26		A	0.2
4	☐	1.000		4522732.61		A	0.9
5	☐	1.000		4510474.88		A	0.2
6	☐	1.000		4439359.95		A	0.9
7	☐	1.000		4438690.77		A	0.2
8	☐	1.000		4438160.95		A	1.1
9	☐	1.000		4275558.47		M	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2503056.35		P	0.4
2	☐	1.000					
3	☐	1.000		2557255.10		P	0.3
4	☐	1.000		2542399.93		P	0.8
5	☐	1.000		2536870.29		P	0.6
6	☐	1.000		2524541.91		P	0.3
7	☐	1.000		2558898.83		P	0.7
8	☐	1.000		2595527.60		P	0.6
9	☐	1.000		2466396.21		P	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2747116.80		P	0.4
2	☐	1.000					
3	☐	1.000		2814824.26		P	0.4
4	☐	1.000		2796297.56		P	0.0
5	☐	1.000		2779508.50		P	0.4
6	☐	1.000		2764419.16		P	0.1
7	☐	1.000		2737248.47		P	0.4
8	☐	1.000		2676226.33		P	0.5
9	☐	1.000		2375214.90		P	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1803997.01		P	0.9
2	☐	1.000					
3	☐	1.000		1851793.11		P	0.2
4	☐	1.000		1822463.48		P	0.6
5	☐	1.000		1810575.79		P	0.1
6	☐	1.000		1799216.81		P	0.3
7	☐	1.000		1799273.03		P	0.9
8	☐	1.000		1790053.27		P	0.5
9	☐	1.000		1620497.77		P	0.4