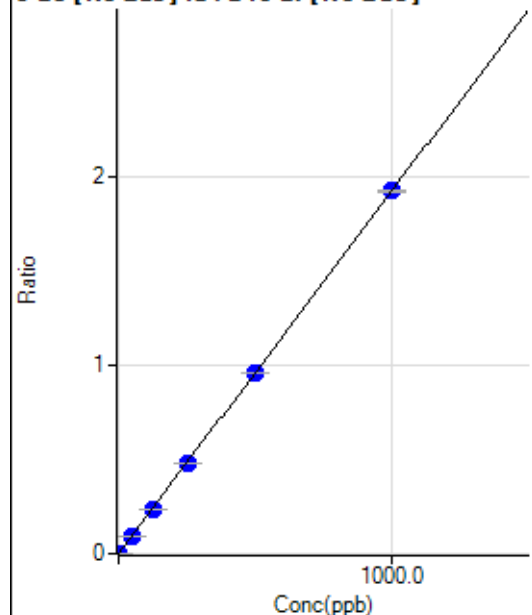


Batch Folder: D:\ICP-MS Data\P7052517-MS .b\
Analysis File: P7052517-MS .batch.bin
DA Date-Time: 2017-05-26 11:06:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-05-25 12:28:42
2			
3	005CALS.d	S02	2017-05-25 12:36:22
4	006CALS.d	S03	2017-05-25 12:40:12
5	007CALS.d	S04	2017-05-25 12:44:16
6	008CALS.d	S05	2017-05-25 12:48:00
7	009CALS.d	S06	2017-05-25 12:51:38
8	010CALS.d	S07	2017-05-25 12:55:13
9	011CALS.d	S08	2017-05-25 12:58:45

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.827	2126.13	0.0017	P	6.6
4	☐	50.000	49.726	123685.03	0.0958	P	1.5
5	☐	125.000	124.150	307835.31	0.2392	P	0.2
6	☐	250.000	248.558	620680.57	0.4788	P	0.6
7	☐	500.000	497.845	1221811.10	0.9589	P	0.3
8	☐	1000.000	1001.558	2392727.34	1.9289	P	0.7
9	☐			800.05	0.0007	P	9.8

$$y = 0.0019 * x + 7.4551E-005$$

$$R = 1.0000$$

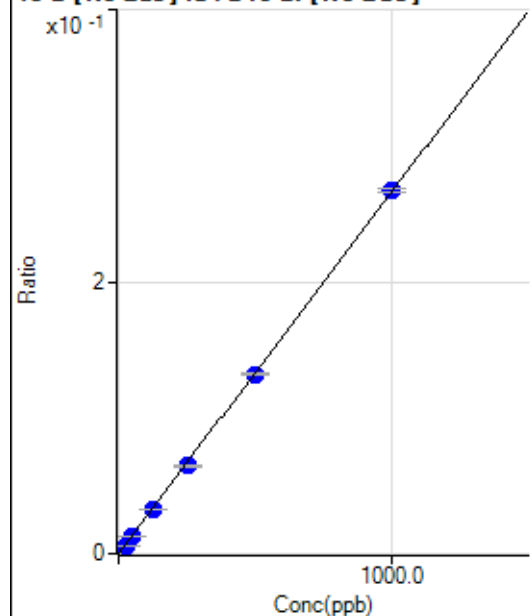
$$DL = 0.01803$$

$$BEC = 0.03871$$

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	125.00	0.0001	P	17.8
2	☐	2.500					
3	☐	25.000	19.864	6862.91	0.0054	P	2.1
4	☐	50.000	48.543	16782.14	0.0130	P	3.7
5	☐	125.000	122.336	41987.06	0.0326	P	1.3
6	☐	250.000	244.044	84242.71	0.0650	P	2.2
7	☐	500.000	496.978	168494.48	0.1322	P	0.8
8	☐	1000.000	1003.534	331083.65	0.2669	P	0.9
9	☐			7832.90	0.0069	P	7.8

$$y = 2.6587E-004 * x + 9.8698E-005$$

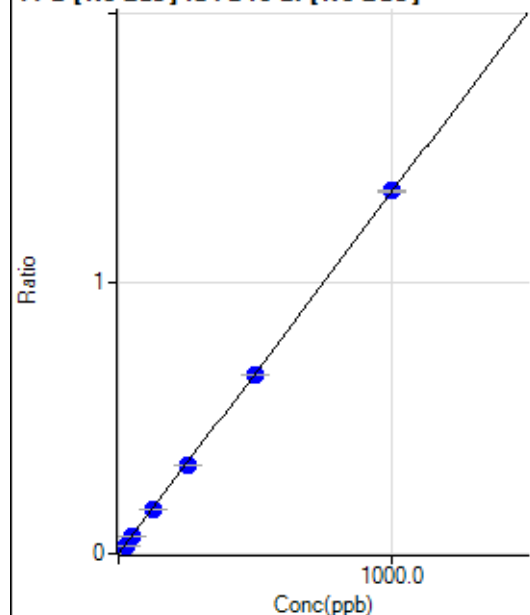
$$R = 1.0000$$

$$DL = 0.1987$$

$$BEC = 0.3712$$

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	580.59	0.0005	P	6.7
2	☐	2.500					
3	☐	25.000	20.054	34754.63	0.0272	P	3.0
4	☐	50.000	48.573	84324.17	0.0653	P	0.6
5	☐	125.000	119.855	206645.56	0.1606	P	0.5
6	☐	250.000	243.856	422875.80	0.3262	P	0.4
7	☐	500.000	495.263	843544.92	0.6620	P	0.8
8	☐	1000.000	1004.742	1665312.10	1.3425	P	0.9
9	☐			40368.91	0.0357	P	7.1

$$y = 0.0013 * x + 4.5827E-004$$

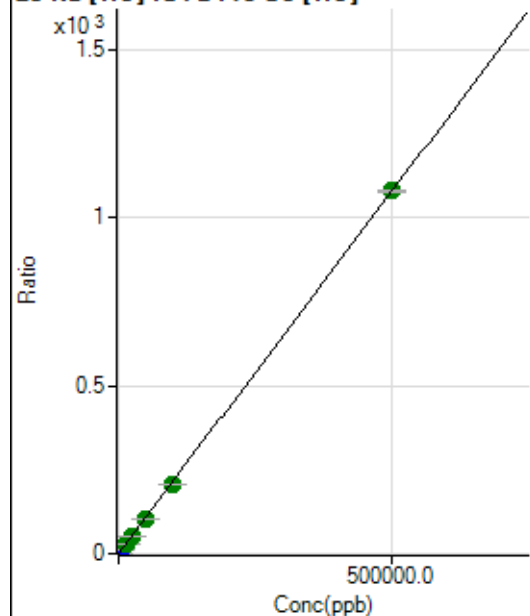
$$R = 1.0000$$

$$DL = 0.06859$$

$$BEC = 0.3431$$

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	24020.11	0.0869	P	3.5
2	☐	50.000					
3	☐	500.000	429.935	276475.90	1.0126	P	0.5
4	☐	5000.000	4956.331	3003817.21	10.7579	P	0.5
5	☐	12500.000	12309.159	7372482.98	26.5886	A	1.3
6	☐	25000.000	24430.385	14797961.62	52.6856	A	0.4
7	☐	50000.000	48372.295	29512059.34	104.2325	A	0.1
8	☐	100000.00	95198.071	58749477.70	205.0485	A	0.3
9	☐	500000.00	501156.91	308799045.7	1,079.078	A	0.3

$$y = 0.0022 * x + 0.0869$$

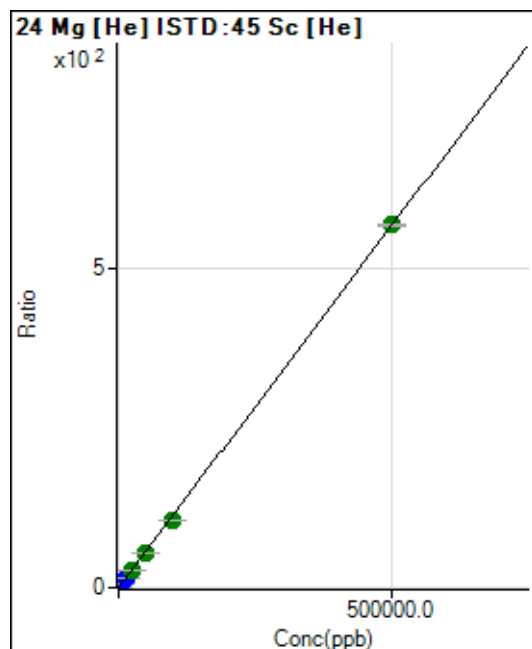
$$R = 0.9999$$

$$DL = 4.189$$

$$BEC = 40.37$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0009	P	11.7
2	☐	50.000					
3	☐	500.000	428.457	132804.34	0.4864	P	1.2
4	☐	5000.000	4951.657	1566883.83	5.6116	P	0.3
5	☐	12500.000	12440.849	3909090.32	14.0977	P	1.0
6	☐	25000.000	24302.789	7734842.71	27.5385	A	0.3
7	☐	50000.000	48084.790	15427055.03	54.4861	A	0.2
8	☐	100000.00	93894.700	30482282.28	106.3937	A	0.4
9	☐	500000.00	501449.47	162599153.6	568.1971	A	0.4

$$y = 0.0011 * x + 8.6474E-004$$

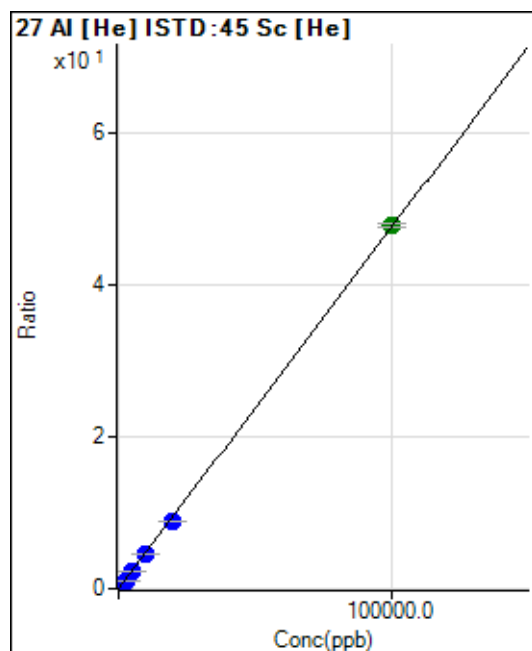
$$R = 0.9999$$

$$DL = 0.2686$$

$$BEC = 0.7632$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0003	P	41.8
2	☐	2.000					
3	☐	20.000	15.444	2094.69	0.0077	P	11.8
4	☐	1000.000	956.689	127268.62	0.4558	P	0.8
5	☐	2500.000	2369.852	312943.93	1.1286	P	0.9
6	☐	5000.000	4720.903	631368.86	2.2479	P	0.7
7	☐	10000.000	9377.244	1264133.71	4.4647	P	0.5
8	☐	20000.000	18477.733	2520604.96	8.7974	P	0.3
9	☐	100000.00	100384.37	13676786.94	47.7924	A	0.9

$$y = 4.7609E-004 * x + 3.2102E-004$$

$$R = 0.9999$$

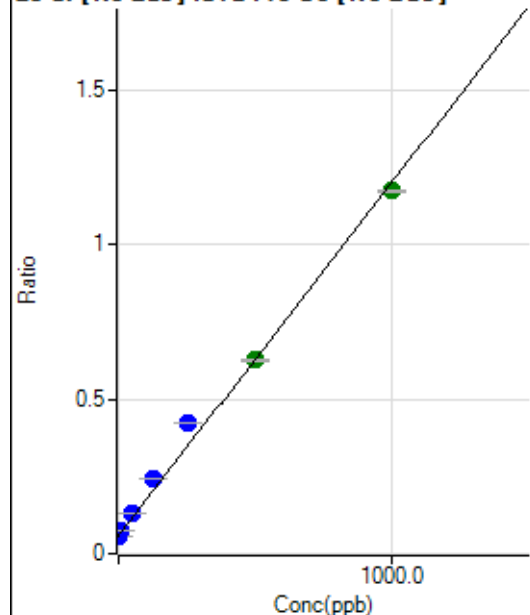
$$DL = 0.8448$$

$$BEC = 0.6743$$

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	367994.99	0.0583	P	0.9
2	☐	1.000					
3	☐	10.000	13.528	464411.50	0.0738	P	0.8
4	☐	50.000	65.601	851251.66	0.1332	P	0.8
5	☐	125.000	163.159	1553394.56	0.2446	P	0.9
6	☐	250.000	321.474	2737426.00	0.4253	P	0.4
7	☐	500.000	498.136	4036892.15	0.6270	A	0.8
8	☐	1000.000	977.478	7577619.87	1.1743	A	0.6
9	☐			502549.36	0.0800	P	0.6

$$y = 0.0011 * x + 0.0583$$

$$R = 0.9968$$

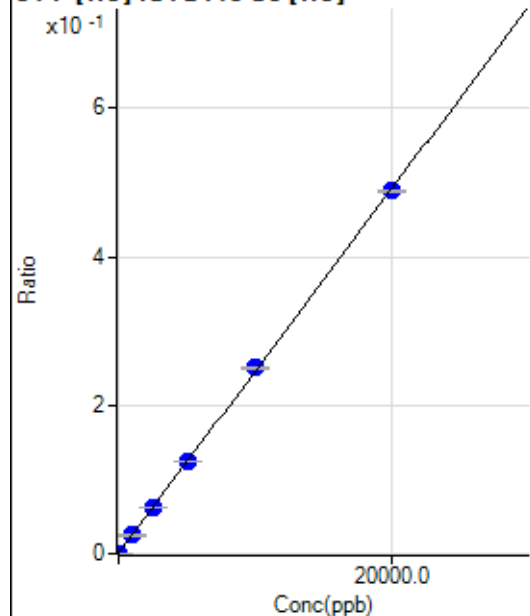
$$DL = 1.344$$

$$BEC = 51.07$$

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	-1.586	144.45	0.0005	P	36.8
2	☐	0.000					
3	☐	0.000	1.586	163.90	0.0006	P	15.6
4	☐	1000.000	1000.838	7010.28	0.0251	P	4.3
5	☐	2500.000	2505.212	17191.09	0.0620	P	2.3
6	☐	5000.000	5042.816	34891.75	0.1242	P	1.3
7	☐	10000.000	10177.809	70824.52	0.2501	P	1.5
8	☐	20000.000	19899.698	139971.51	0.4886	P	0.5
9	☐			186.12	0.0007	P	6.0

$$y = 2.4522E-005 * x + 5.6190E-004$$

$$R = 0.9999$$

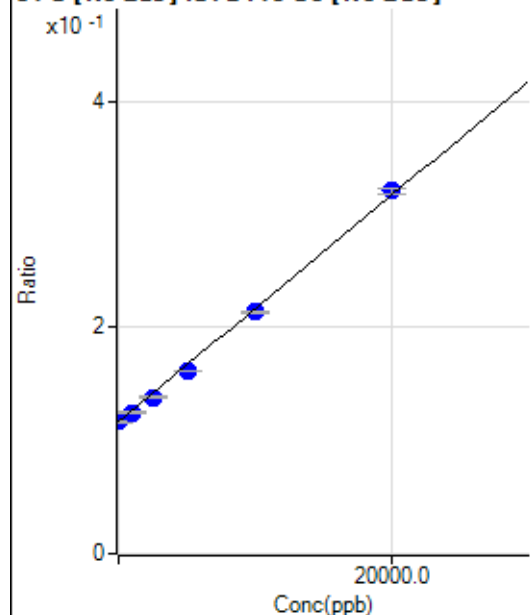
$$DL = 17.51$$

$$BEC = 22.91$$

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	-7.813	737453.64	0.1168	P	0.8
2	☐	0.000					
3	☐	0.000	7.813	736757.61	0.1170	P	1.4
4	☐	1000.000	789.801	797829.54	0.1248	P	1.1
5	☐	2500.000	2158.080	880066.86	0.1386	P	0.3
6	☐	5000.000	4456.832	1040125.58	0.1616	P	0.3
7	☐	10000.000	9659.898	1376322.33	0.2138	P	1.1
8	☐	20000.000	20359.093	2071627.91	0.3210	P	1.3
9	☐			692433.08	0.1103	P	0.5

$$y = 1.0026\text{E-}005 * x + 0.1169$$

$$R = 0.9994$$

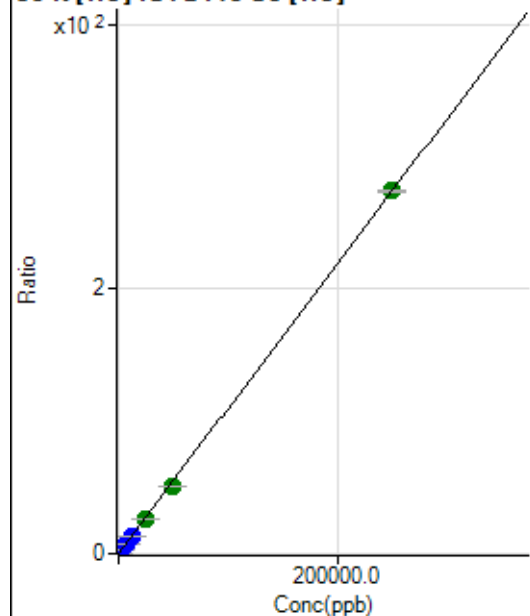
$$DL = 397.3$$

$$BEC = 1.166\text{E}+04$$

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	41032.66	0.1485	P	1.3
2	☐	50.000					
3	☐	500.000	411.416	163181.99	0.5977	P	1.2
4	☐	2500.000	2401.529	773593.44	2.7705	P	0.5
5	☐	6250.000	6031.457	1867170.24	6.7337	P	1.1
6	☐	12500.000	12044.635	3735335.63	13.2990	P	0.2
7	☐	25000.000	23581.360	7331771.61	25.8951	A	0.6
8	☐	50000.000	46863.872	14702208.49	51.3154	A	0.5
9	☐	250000.00	250798.48	78404469.12	273.9753	A	0.6

$$y = 0.0011 * x + 0.1485$$

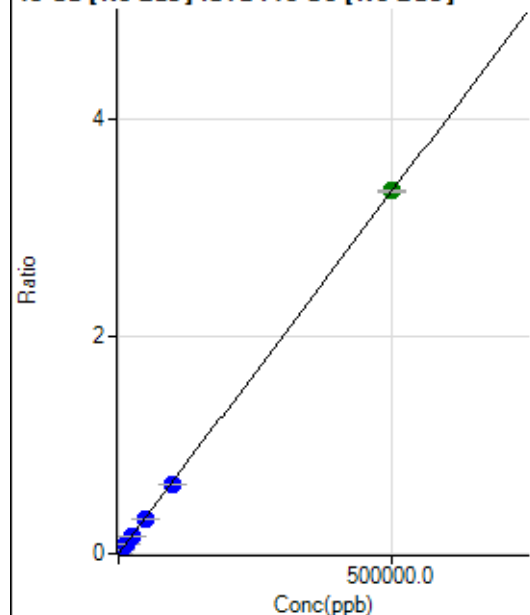
$$R = 0.9999$$

$$DL = 5.323$$

$$BEC = 136$$

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	255.57	0.0000	P	18.6
2	☐	50.000					
3	☐	500.000	412.125	17572.13	0.0028	P	2.9
4	☐	5000.000	4835.249	206471.24	0.0323	P	0.5
5	☐	12500.000	12163.253	515795.67	0.0812	P	0.6
6	☐	25000.000	24084.170	1034685.57	0.1608	P	0.3
7	☐	50000.000	48049.616	2064743.80	0.3207	P	0.6
8	☐	100000.00	95276.702	4103201.65	0.6359	P	0.9
9	☐	500000.00	501195.64	21002029.81	3.3447	A	0.3

$$y = 6.6734\text{E-}006 * x + 4.0466\text{E-}005$$

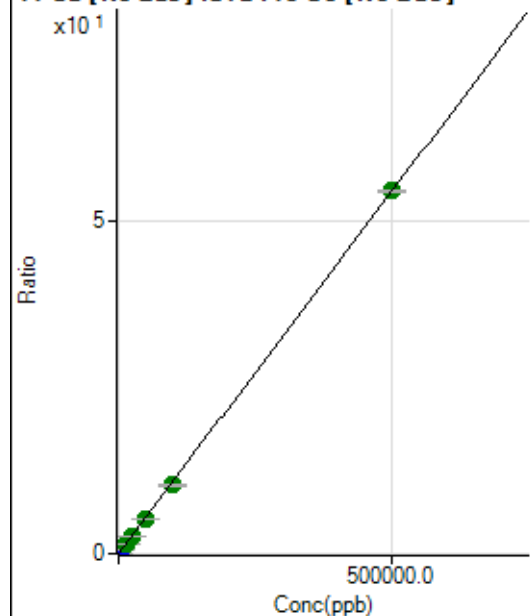
$$R = 0.9999$$

$$DL = 3.391$$

$$BEC = 6.064$$

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	15356.45	0.0024	P	1.7
2	☐	50.000					
3	☐	500.000	410.103	296634.66	0.0471	P	0.8
4	☐	5000.000	4871.955	3407279.59	0.5332	P	0.6
5	☐	12500.000	12137.642	8413400.36	1.3247	A	0.3
6	☐	25000.000	24000.043	16842528.85	2.6169	A	0.1
7	☐	50000.000	48144.666	33782446.24	5.2471	A	0.8
8	☐	100000.00	94511.866	66454595.23	10.2981	A	0.7
9	☐	500000.00	501343.58	342946349.3	54.6165	A	0.3

$$y = 1.0894\text{E-}004 * x + 0.0024$$

$$R = 0.9999$$

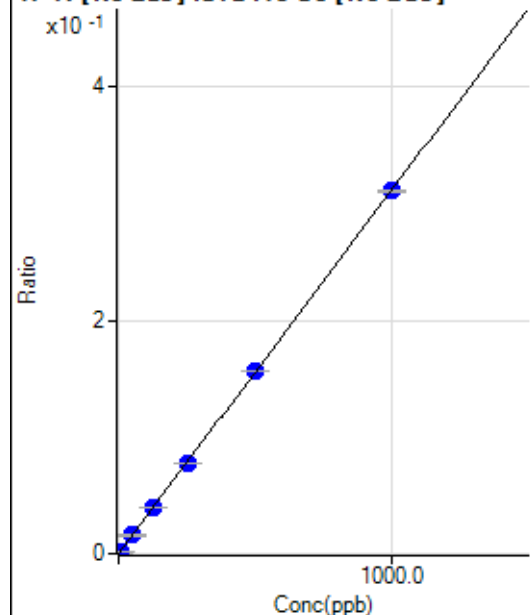
$$DL = 1.147$$

$$BEC = 22.33$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	38.6
2	☐	0.500					
3	☐	5.000	4.319	8583.39	0.0014	P	1.3
4	☐	50.000	50.411	100356.86	0.0157	P	1.2
5	☐	125.000	126.628	250345.95	0.0394	P	1.0
6	☐	250.000	250.776	502290.52	0.0780	P	0.5
7	☐	500.000	501.868	1005460.61	0.1562	P	0.3
8	☐	1000.000	998.651	2005197.16	0.3107	P	0.4
9	☐			3860.20	0.0006	P	47.6

$$y = 3.1113\text{E-}004 * x + 1.9364\text{E-}005$$

$$R = 1.0000$$

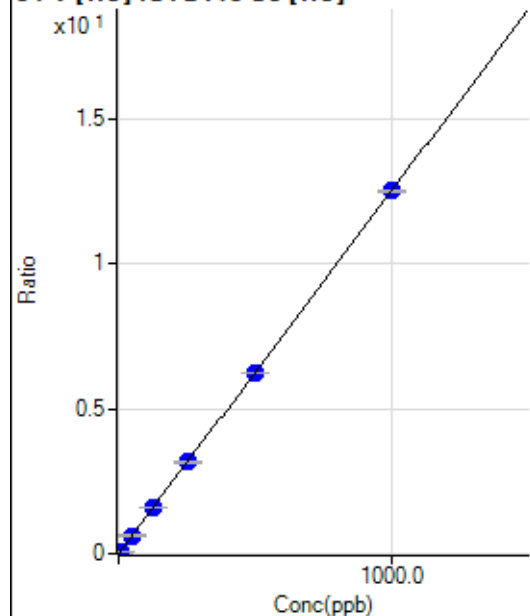
$$DL = 0.07211$$

$$BEC = 0.06224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0001	P	47.8
2	☐	0.500					
3	☐	5.000	4.268	14626.31	0.0536	P	1.3
4	☐	50.000	50.257	175877.70	0.6299	P	0.5
5	☐	125.000	125.907	437536.45	1.5779	P	1.0
6	☐	250.000	251.855	886509.14	3.1562	P	0.4
7	☐	500.000	498.609	1769173.06	6.2485	P	0.2
8	☐	1000.000	1000.109	3590851.23	12.5332	P	0.3
9	☐			2060.17	0.0072	P	0.9

$$y = 0.0125 * x + 7.6209\text{E-}005$$

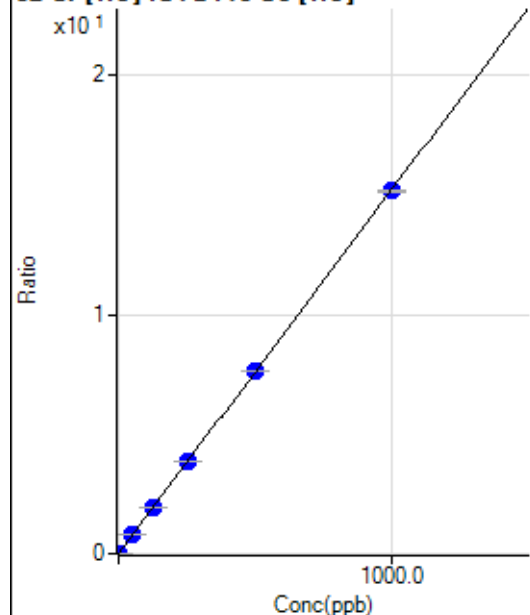
$$R = 1.0000$$

$$DL = 0.008717$$

$$BEC = 0.006081$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1153.40	0.0042	P	6.3
2	☐	0.200					
3	☐	2.000	1.955	9260.83	0.0339	P	1.7
4	☐	50.000	51.411	219622.54	0.7865	P	0.4
5	☐	125.000	127.794	540431.99	1.9489	P	0.5
6	☐	250.000	254.967	1090973.35	3.8842	P	0.2
7	☐	500.000	501.739	2163041.67	7.6396	P	0.3
8	☐	1000.000	997.469	4350111.84	15.1835	P	0.6
9	☐			104922.21	0.3666	P	0.4

$$y = 0.0152 * x + 0.0042$$

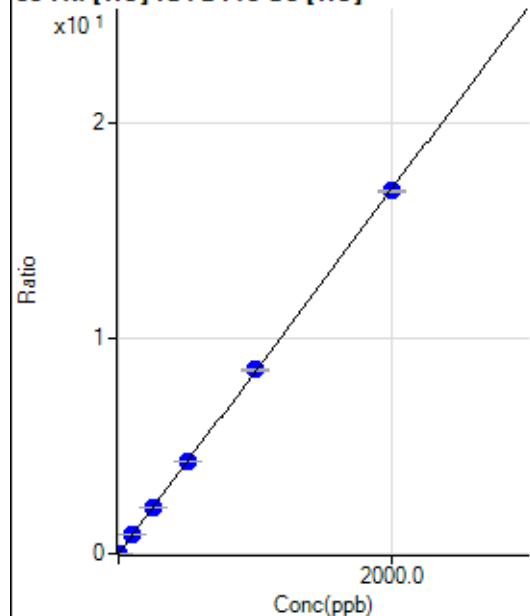
$$R = 1.0000$$

$$DL = 0.05205$$

$$BEC = 0.2743$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.44	0.0003	P	16.3
2	☐	0.100					
3	☐	1.000	0.909	2175.75	0.0080	P	2.8
4	☐	100.000	103.375	244635.21	0.8761	P	0.6
5	☐	250.000	257.182	604300.78	2.1793	P	0.7
6	☐	500.000	510.689	1215381.35	4.3272	P	0.3
7	☐	1000.000	1008.801	2420120.36	8.5475	P	0.4
8	☐	2000.000	1991.861	4835159.37	16.8766	P	0.8
9	☐			18917.91	0.0661	P	1.3

$$y = 0.0085 * x + 2.6915E-004$$

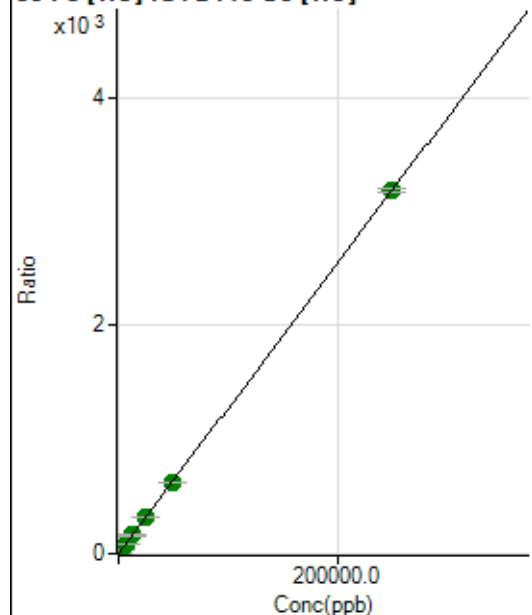
$$R = 1.0000$$

$$DL = 0.01558$$

$$BEC = 0.03177$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4332.24	0.0157	P	3.2
2	☐	5.000					
3	☐	50.000	43.865	156661.63	0.5737	P	0.6
4	☐	2500.000	2558.200	9091955.06	32.5621	A	0.7
5	☐	6250.000	6413.754	22630856.99	81.6140	A	0.8
6	☐	12500.000	12632.881	45146974.16	160.7362	A	0.8
7	☐	25000.000	24988.684	90017851.09	317.9315	A	0.3
8	☐	50000.000	48890.079	178211429.9	622.0144	A	0.3
9	☐	250000.00	250211.79	910902716.6	3,183.308	A	1.1

$$y = 0.0127 * x + 0.0157$$

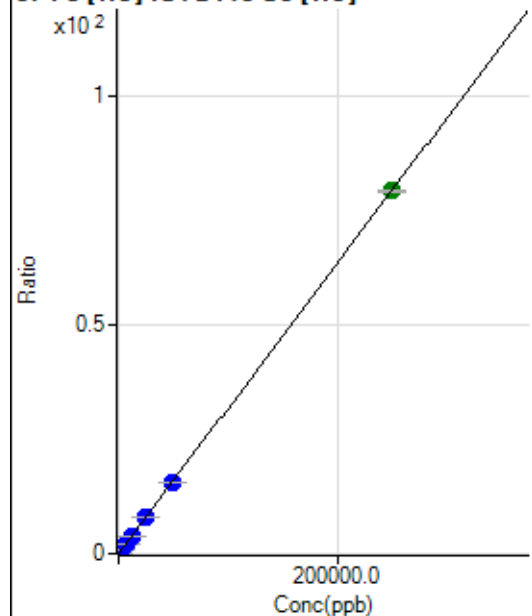
$$R = 1.0000$$

$$DL = 0.1174$$

$$BEC = 1.232$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.30	0.0003	P	45.8
2	☐	5.000					
3	☐	50.000	42.402	3757.99	0.0138	P	3.2
4	☐	2500.000	2547.700	225140.81	0.8063	P	0.1
5	☐	6250.000	6372.241	559070.90	2.0162	P	0.9
6	☐	12500.000	12537.085	1114069.16	3.9665	P	0.6
7	☐	25000.000	24851.155	2226028.71	7.8620	P	0.6
8	☐	50000.000	49250.423	4463930.71	15.5807	P	0.5
9	☐	250000.00	250159.41	22646149.35	79.1382	A	0.6

$$y = 3.1635E-004 * x + 3.4769E-004$$

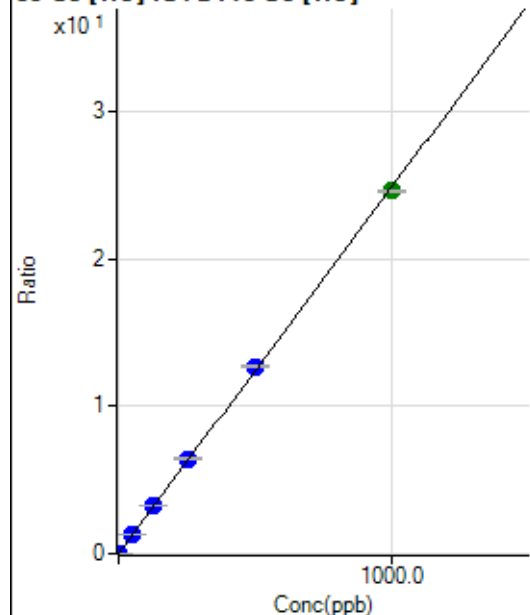
$$R = 1.0000$$

$$DL = 1.51$$

$$BEC = 1.099$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0004	P	41.5
2	☐	0.100					
3	☐	1.000	0.928	6420.40	0.0235	P	2.8
4	☐	50.000	53.183	369560.74	1.3236	P	1.0
5	☐	125.000	131.554	907670.90	3.2734	P	0.8
6	☐	250.000	259.669	1814669.23	6.4608	P	0.5
7	☐	500.000	511.750	3605011.30	12.7323	P	0.5
8	☐	1000.000	990.729	7061885.80	24.6489	A	0.7
9	☐			11068.77	0.0387	P	1.1

$$y = 0.0249 * x + 4.2932E-004$$

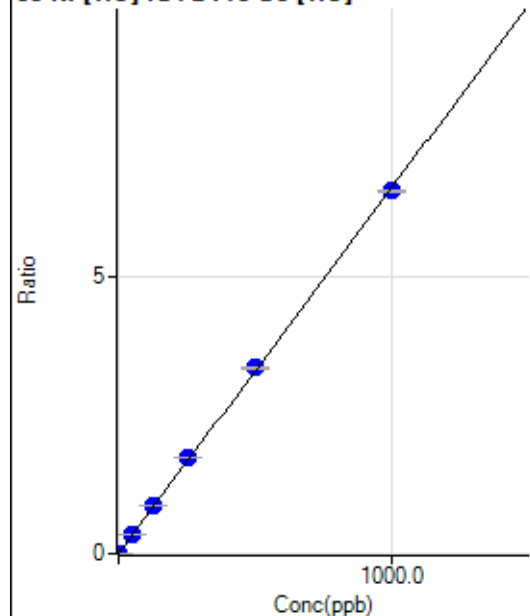
$$R = 0.9998$$

$$DL = 0.02148$$

$$BEC = 0.01726$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	210.00	0.0008	P	0.7
2	☐	0.100					
3	☐	1.000	1.002	2006.84	0.0074	P	4.9
4	☐	50.000	53.402	98300.14	0.3520	P	0.3
5	☐	125.000	133.137	243058.25	0.8766	P	1.0
6	☐	250.000	260.788	482053.83	1.7163	P	0.3
7	☐	500.000	507.626	945688.53	3.3400	P	0.4
8	☐	1000.000	992.303	1870407.71	6.5283	P	0.3
9	☐			27780.92	0.0971	P	1.4

$$y = 0.0066 * x + 7.5985E-004$$

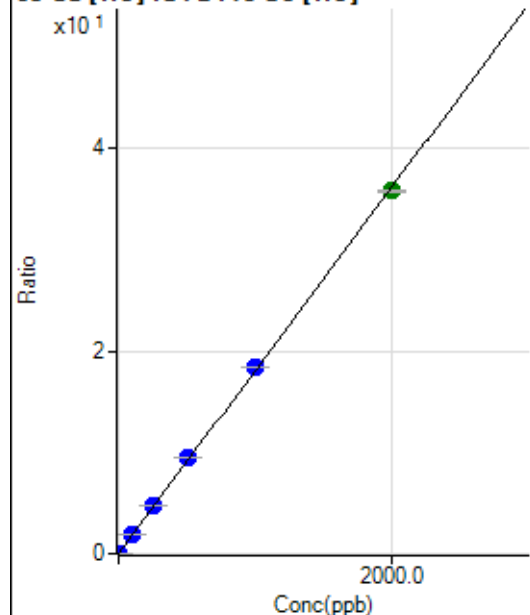
$$R = 0.9999$$

$$DL = 0.002478$$

$$BEC = 0.1155$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2688.07	0.0097	P	3.8
2	☐	0.200					
3	☐	2.000	2.007	12544.46	0.0459	P	2.9
4	☐	100.000	106.295	538230.58	1.9276	P	0.7
5	☐	250.000	263.261	1319880.88	4.7598	P	0.4
6	☐	500.000	521.586	2646052.69	9.4208	P	0.1
7	☐	1000.000	1021.243	5219951.00	18.4362	P	0.2
8	☐	2000.000	1982.010	10249073.18	35.7715	A	0.5
9	☐			19900.35	0.0695	P	1.3

$$y = 0.0180 * x + 0.0097$$

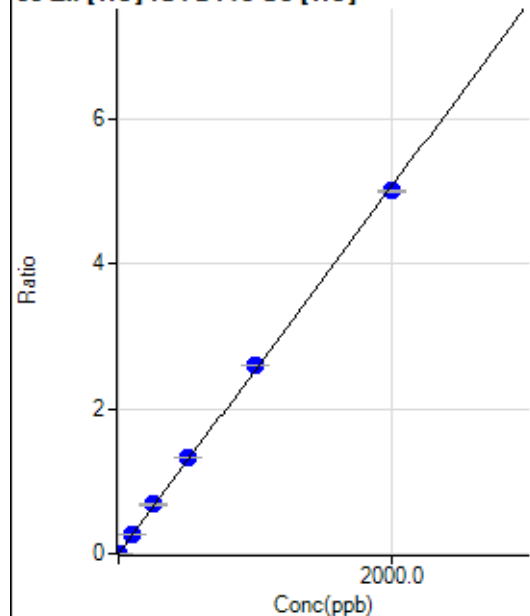
$$R = 0.9998$$

$$DL = 0.06079$$

$$BEC = 0.539$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0007	P	8.5
2	☐	0.200					
3	☐	2.000	1.902	1505.66	0.0055	P	1.9
4	☐	100.000	107.851	76387.41	0.2736	P	1.3
5	☐	250.000	267.400	187797.46	0.6773	P	0.7
6	☐	500.000	524.960	373254.87	1.3289	P	0.3
7	☐	1000.000	1028.928	737290.84	2.6040	P	0.1
8	☐	2000.000	1976.728	1433089.53	5.0021	P	0.7
9	☐			7350.85	0.0257	P	3.9

$$y = 0.0025 * x + 7.0345E-004$$

$$R = 0.9997$$

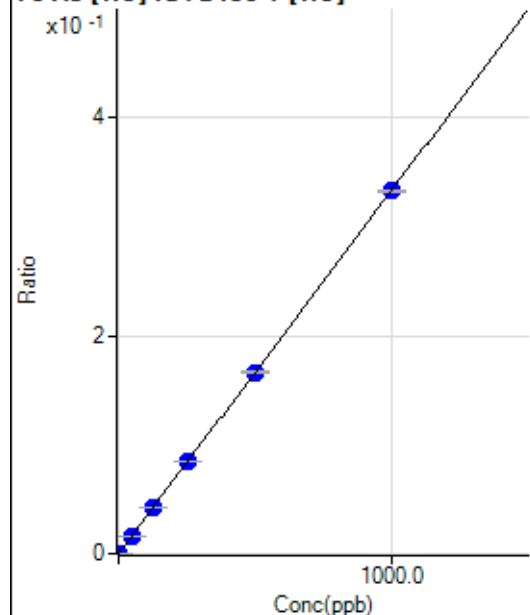
$$DL = 0.07115$$

$$BEC = 0.278$$

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	16.67	0.0000	P	29.2
2	☐	0.100					
3	☐	1.000	0.878	453.10	0.0003	P	4.4
4	☐	50.000	49.850	25312.21	0.0166	P	0.9
5	☐	125.000	125.404	63038.73	0.0418	P	0.7
6	☐	250.000	251.987	127838.34	0.0840	P	0.2
7	☐	500.000	500.333	253922.02	0.1668	P	0.7
8	☐	1000.000	999.294	507777.28	0.3331	P	0.8
9	☐			562.98	0.0004	P	3.5

$$y = 3.3332\text{E-}004 * x + 1.1092\text{E-}005$$

$$R = 1.0000$$

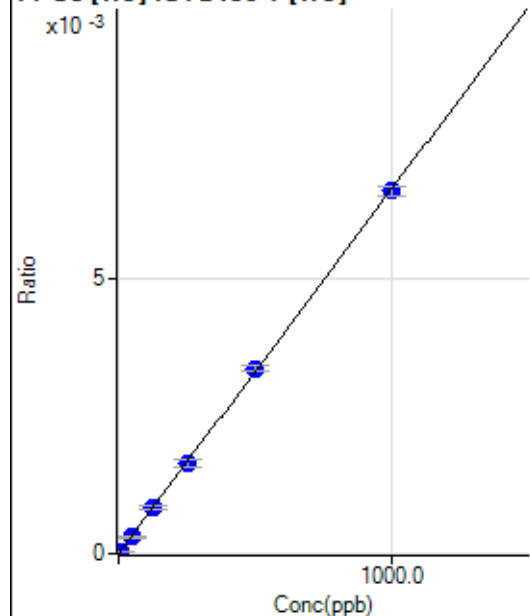
$$DL = 0.02915$$

$$BEC = 0.03328$$

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	4.737	46.67	0.0000	P	19.8
4	☐	50.000	47.030	473.35	0.0003	P	10.2
5	☐	125.000	127.174	1267.86	0.0008	P	6.3
6	☐	250.000	248.360	2499.15	0.0016	P	6.8
7	☐	500.000	508.848	5122.10	0.0034	P	3.1
8	☐	1000.000	995.864	10036.99	0.0066	P	2.5
9	☐			14.44	0.0000	P	35.0

$$y = 6.6115\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

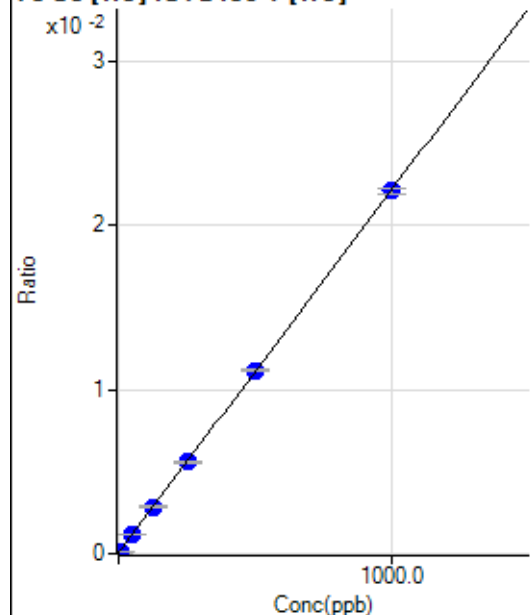
$$DL = 0$$

$$BEC = 0$$

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	83.95	0.0001	P	14.0
2	☐	0.500					
3	☐	5.000	3.700	204.94	0.0001	P	11.9
4	☐	50.000	51.499	1814.94	0.0012	P	2.5
5	☐	125.000	126.901	4306.23	0.0029	P	0.8
6	☐	250.000	250.941	8511.81	0.0056	P	1.8
7	☐	500.000	502.867	16979.14	0.0112	P	0.8
8	☐	1000.000	998.025	33656.89	0.0221	P	1.3
9	☐			140.74	0.0001	P	8.3

$$y = 2.2066E-005 * x + 5.5861E-005$$

$$R = 1.0000$$

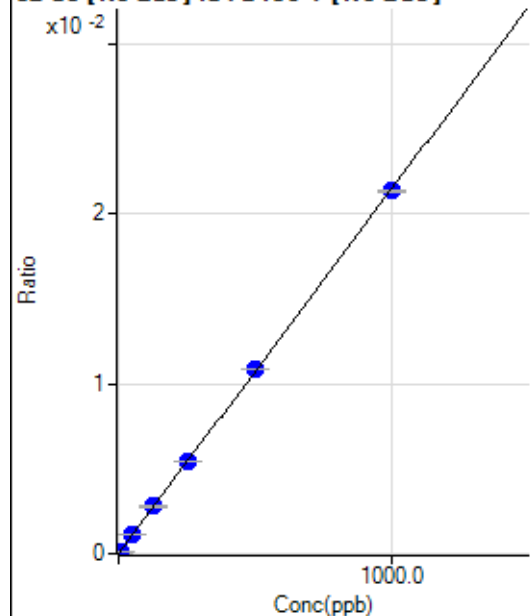
$$DL = 1.066$$

$$BEC = 2.531$$

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	132.52	0.0000	P	54.7
2	☐	0.500					
3	☐	5.000	4.648	1189.78	0.0001	P	15.4
4	☐	50.000	50.426	11753.07	0.0011	P	1.3
5	☐	125.000	129.205	29635.37	0.0028	P	1.3
6	☐	250.000	253.349	59156.91	0.0054	P	0.1
7	☐	500.000	506.582	116900.84	0.0109	P	0.5
8	☐	1000.000	995.327	228907.49	0.0213	P	0.2
9	☐			426.25	0.0000	P	13.6

$$y = 2.1423E-005 * x + 1.2483E-005$$

$$R = 1.0000$$

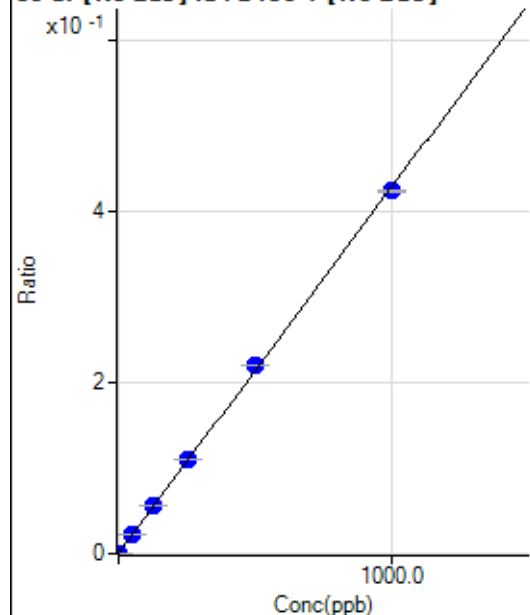
$$DL = 0.9562$$

$$BEC = 0.5827$$

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	2036.35	0.0002	P	2.0
2	☐	0.100					
3	☐	1.000	0.876	6015.44	0.0006	P	5.7
4	☐	50.000	51.427	238788.13	0.0222	P	0.7
5	☐	125.000	129.578	593144.91	0.0556	P	0.5
6	☐	250.000	256.028	1193648.70	0.1098	P	0.4
7	☐	500.000	515.471	2375732.82	0.2208	P	0.4
8	☐	1000.000	990.114	4548435.47	0.4239	P	0.8
9	☐			148476.74	0.0146	P	0.3

$$y = 4.2798\text{E-}004 * x + 1.9174\text{E-}004$$

$$R = 0.9998$$

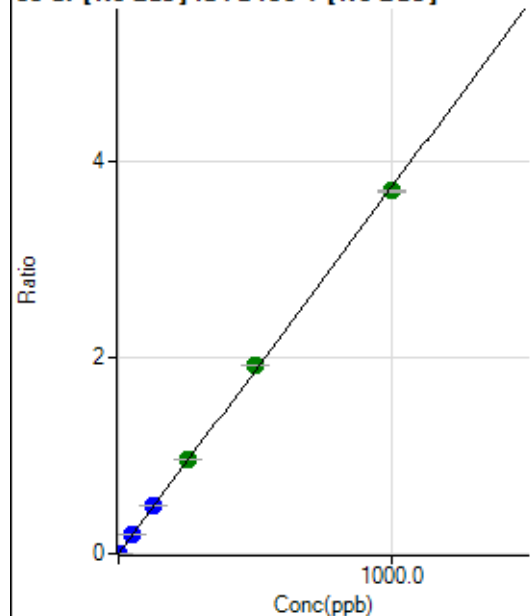
$$DL = 0.02669$$

$$BEC = 0.448$$

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	425.03	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	0.871	34968.72	0.0033	P	0.8
4	☐	50.000	51.833	2083925.46	0.1938	P	0.2
5	☐	125.000	132.020	5259295.43	0.4934	P	0.8
6	☐	250.000	256.729	10434194.94	0.9595	A	0.2
7	☐	500.000	513.941	20666306.02	1.9208	A	0.6
8	☐	1000.000	990.378	39711409.57	3.7013	A	0.6
9	☐			1295826.10	0.1272	P	0.1

$$y = 0.0037 * x + 4.0002\text{E-}005$$

$$R = 0.9998$$

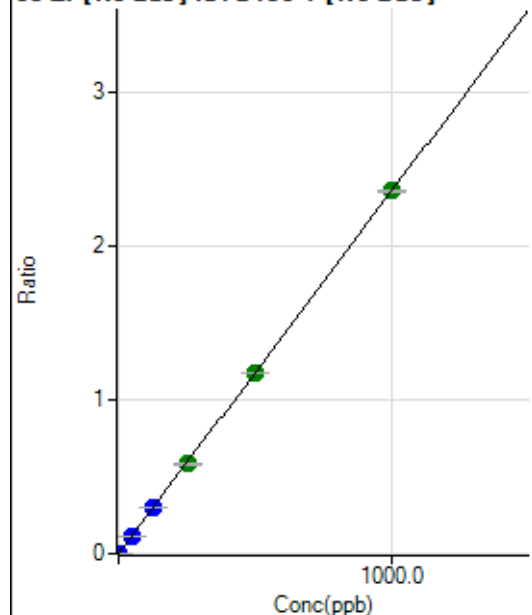
$$DL = 0.004599$$

$$BEC = 0.0107$$

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	677.83	0.0001	P	8.3
2	☐	0.100					
3	☐	1.000	0.679	17647.61	0.0017	P	2.5
4	☐	50.000	48.945	1240792.89	0.1154	P	0.3
5	☐	125.000	126.332	3172739.33	0.2977	P	0.8
6	☐	250.000	247.221	6333743.02	0.5824	A	0.5
7	☐	500.000	499.121	12651636.13	1.1758	A	0.6
8	☐	1000.000	1001.020	25300597.96	2.3582	A	0.6
9	☐			8791.95	0.0009	P	1.8

$$y = 0.0024 * x + 6.3839E-005$$

$$R = 1.0000$$

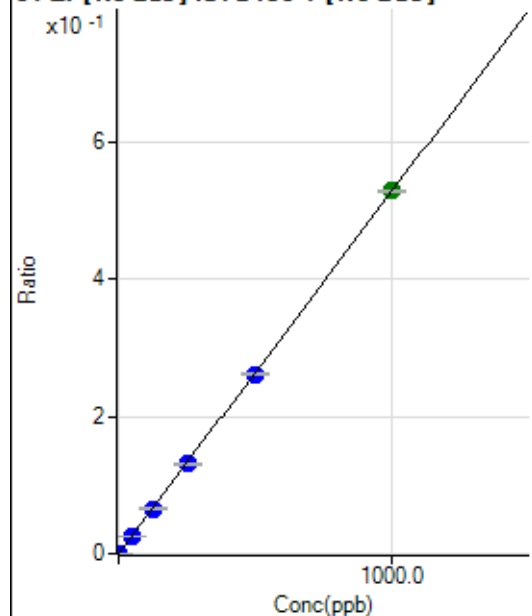
$$DL = 0.006712$$

$$BEC = 0.0271$$

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	138.90	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	0.696	4036.87	0.0004	P	4.7
4	☐	50.000	48.661	276429.78	0.0257	P	0.4
5	☐	125.000	124.726	701936.53	0.0659	P	1.0
6	☐	250.000	247.527	1421059.16	0.1307	P	0.7
7	☐	500.000	496.661	2821118.27	0.2622	P	0.5
8	☐	1000.000	1002.389	5677488.58	0.5292	A	0.4
9	☐			1869.64	0.0002	P	4.0

$$y = 5.2789E-004 * x + 1.3074E-005$$

$$R = 1.0000$$

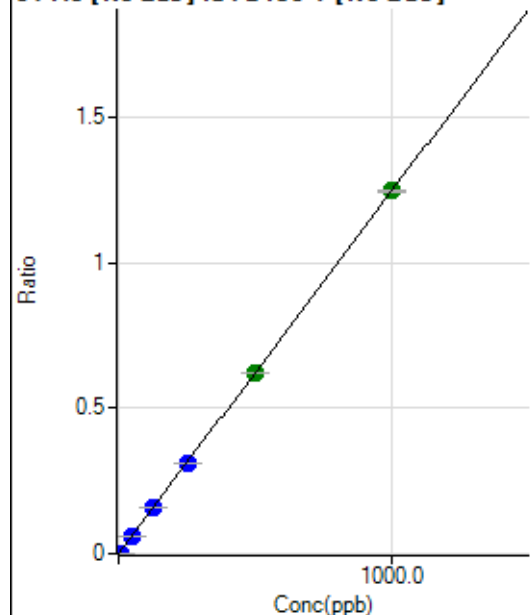
$$DL = 0.01337$$

$$BEC = 0.02477$$

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	283.35	0.0000	P	16.0
2	☐	0.500					
3	☐	5.000	1.680	22499.10	0.0021	P	2.2
4	☐	50.000	48.491	649810.67	0.0604	P	0.5
5	☐	125.000	125.005	1659648.08	0.1557	P	0.3
6	☐	250.000	248.237	3362040.48	0.3092	P	1.0
7	☐	500.000	498.369	6678367.42	0.6207	A	0.1
8	☐	1000.000	1001.348	13379970.79	1.2471	A	0.8
9	☐			24335.41	0.0024	P	5.8

$$y = 0.0012 * x + 2.6692E-005$$

$$R = 1.0000$$

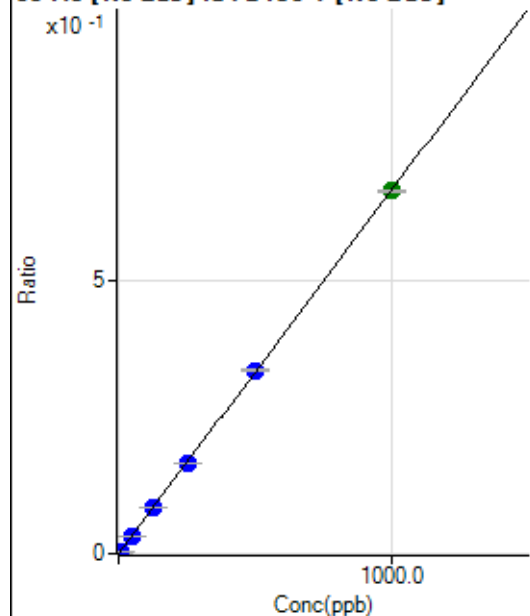
$$DL = 0.01029$$

$$BEC = 0.02143$$

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	91.67	0.0000	P	31.2
2	☐	0.500					
3	☐	5.000	4.188	29589.91	0.0028	P	0.5
4	☐	50.000	49.213	351277.03	0.0327	P	0.1
5	☐	125.000	125.704	889036.81	0.0834	P	0.7
6	☐	250.000	249.594	1800828.77	0.1656	P	1.0
7	☐	500.000	503.349	3593258.89	0.3340	P	0.8
8	☐	1000.000	998.383	7106995.12	0.6624	A	0.4
9	☐			37556.19	0.0037	P	6.0

$$y = 6.6347E-004 * x + 8.6241E-006$$

$$R = 1.0000$$

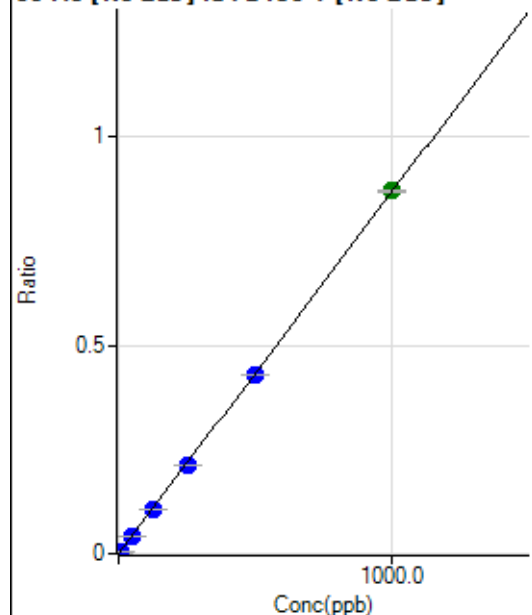
$$DL = 0.01215$$

$$BEC = 0.013$$

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	183.34	0.0000	P	8.6
2	☐	0.500					
3	☐	5.000	3.521	32577.04	0.0031	P	1.4
4	☐	50.000	47.848	446143.33	0.0415	P	0.2
5	☐	125.000	122.851	1134885.49	0.1065	P	0.4
6	☐	250.000	243.682	2296415.57	0.2112	P	0.9
7	☐	500.000	494.747	4613080.96	0.4287	P	0.6
8	☐	1000.000	1004.590	9340167.83	0.8705	A	0.3
9	☐			44738.14	0.0044	P	2.9

$$y = 8.6655E-004 * x + 1.7259E-005$$

$$R = 1.0000$$

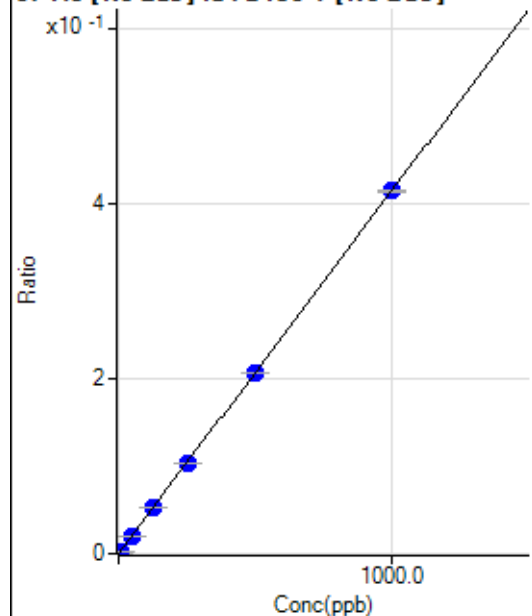
$$DL = 0.005137$$

$$BEC = 0.01992$$

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	136.12	0.0000	P	28.3
2	☐	0.500					
3	☐	5.000	4.206	18632.27	0.0018	P	3.2
4	☐	50.000	49.193	219297.93	0.0204	P	0.3
5	☐	125.000	125.290	553300.52	0.0519	P	0.3
6	☐	250.000	248.281	1118460.37	0.1029	P	0.8
7	☐	500.000	499.249	2225162.42	0.2068	P	0.7
8	☐	1000.000	1000.813	4447876.75	0.4146	P	0.3
9	☐			22649.39	0.0022	P	6.0

$$y = 4.1421E-004 * x + 1.2818E-005$$

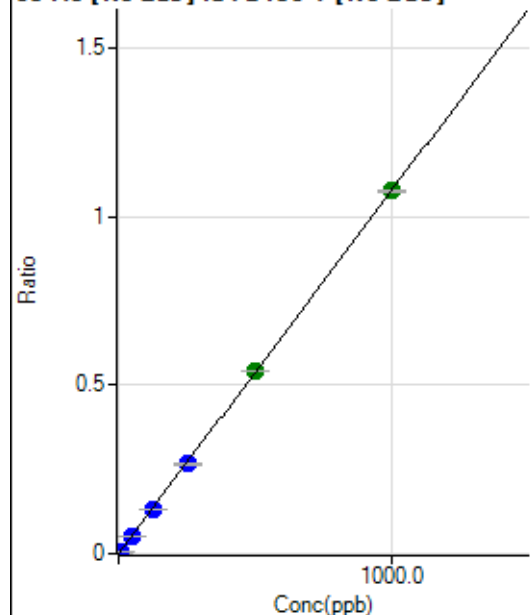
$$R = 1.0000$$

$$DL = 0.02628$$

$$BEC = 0.03095$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0000	P	21.6
2	☐	0.500					
3	☐	5.000	4.145	47499.55	0.0045	P	0.9
4	☐	50.000	48.659	563410.08	0.0524	P	0.5
5	☐	125.000	124.132	1424129.93	0.1336	P	0.3
6	☐	250.000	246.719	2887593.60	0.2655	P	0.9
7	☐	500.000	502.735	5821829.77	0.5411	A	0.5
8	☐	1000.000	999.633	11542878.99	1.0759	A	0.8
9	☐			58995.40	0.0058	P	4.2

$$y = 0.0011 * x + 1.3347E-005$$

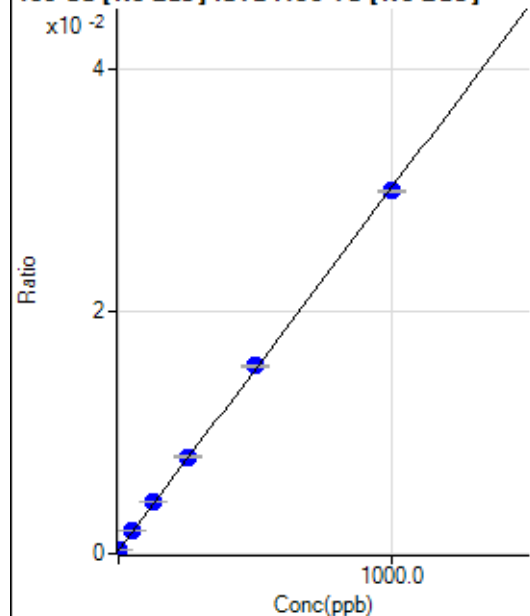
$$R = 1.0000$$

$$DL = 0.008049$$

$$BEC = 0.0124$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3622.85	0.0003	P	7.6
2	☐	0.100					
3	☐	1.000	1.766	4370.32	0.0003	P	3.9
4	☐	50.000	53.581	25955.32	0.0019	P	2.9
5	☐	125.000	132.847	59124.32	0.0042	P	0.4
6	☐	250.000	257.561	112283.97	0.0080	P	1.5
7	☐	500.000	509.400	218005.68	0.0155	P	0.5
8	☐	1000.000	992.249	421464.77	0.0300	P	0.3
9	☐			3795.11	0.0003	P	3.9

$$y = 2.9968E-005 * x + 2.6191E-004$$

$$R = 0.9999$$

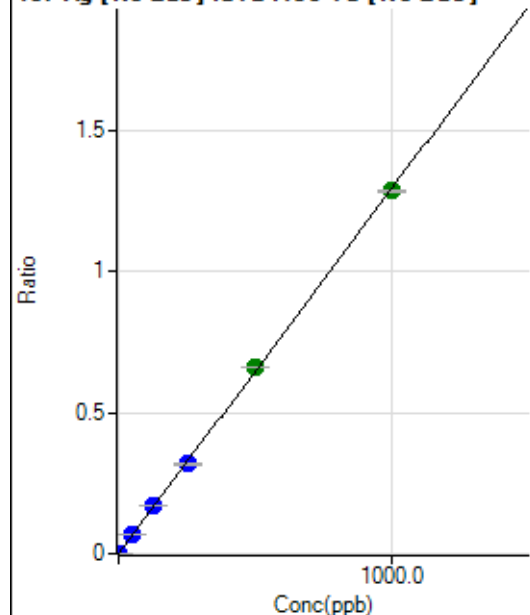
$$DL = 1.995$$

$$BEC = 8.74$$

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	325.02	0.0000	P	8.2
2	☐	0.100					
3	☐	1.000	1.168	21252.80	0.0015	P	1.2
4	☐	50.000	52.431	941013.34	0.0677	P	1.2
5	☐	125.000	130.111	2340793.69	0.1680	P	0.3
6	☐	250.000	245.464	4458845.89	0.3169	P	0.8
7	☐	500.000	511.225	9265996.39	0.6600	A	0.3
8	☐	1000.000	994.761	18042730.44	1.2842	A	0.5
9	☐			4114.66	0.0003	P	1.9

$$y = 0.0013 * x + 2.3504E-005$$

$$R = 0.9999$$

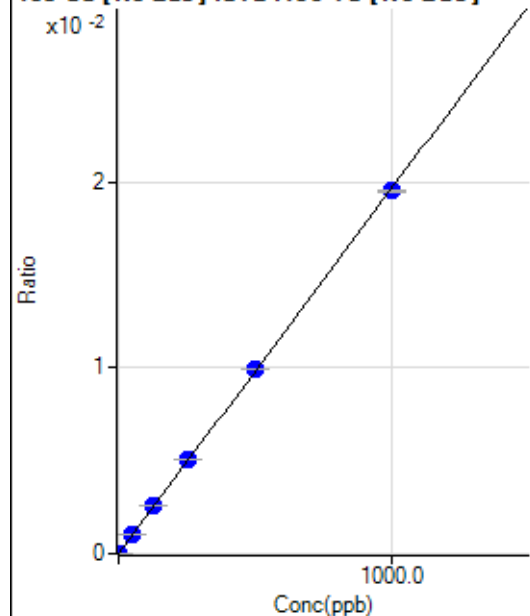
$$DL = 0.004485$$

$$BEC = 0.01821$$

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	12.50	0.0000	P	57.9
2	☐	0.100					
3	☐	1.000	0.865	248.62	0.0000	P	20.7
4	☐	50.000	51.854	14178.20	0.0010	P	1.0
5	☐	125.000	131.691	36078.04	0.0026	P	1.2
6	☐	250.000	257.806	71303.45	0.0051	P	0.7
7	☐	500.000	506.465	139763.95	0.0100	P	0.4
8	☐	1000.000	993.887	274454.78	0.0195	P	0.3
9	☐			102.78	0.0000	P	33.8

$$y = 1.9654E-005 * x + 9.0403E-007$$

$$R = 0.9999$$

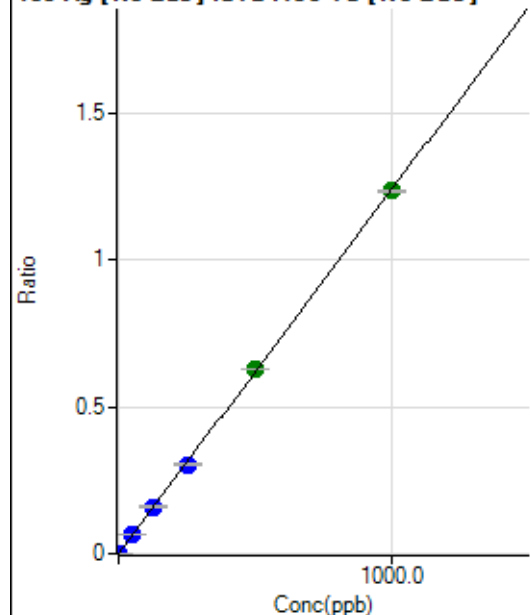
$$DL = 0.07995$$

$$BEC = 0.046$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	5.2
2	☐	0.100					
3	☐	1.000	1.149	20020.47	0.0014	P	1.6
4	☐	50.000	51.972	895610.13	0.0644	P	1.1
5	☐	125.000	129.400	2235340.26	0.1604	P	0.3
6	☐	250.000	245.447	4281198.80	0.3043	P	0.3
7	☐	500.000	507.321	8829352.54	0.6289	A	0.3
8	☐	1000.000	996.829	17360861.85	1.2357	A	0.6
9	☐			3708.99	0.0003	P	4.3

$$y = 0.0012 * x + 1.7673E-005$$

$$R = 0.9999$$

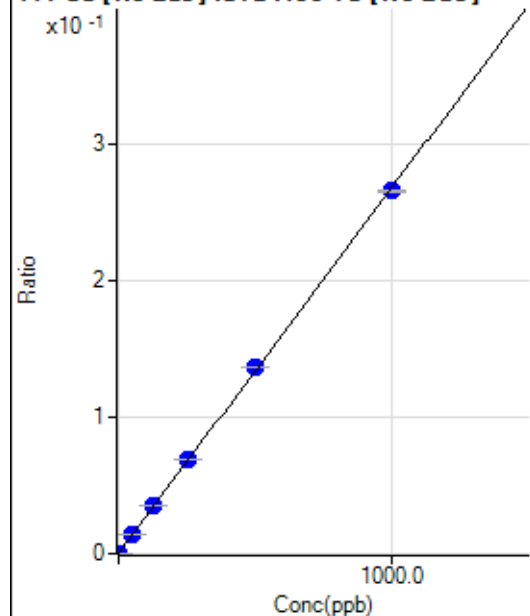
$$DL = 0.00224$$

$$BEC = 0.01426$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2539.75	0.0002	P	7.6
2	☐	0.100					
3	☐	1.000	0.943	6057.83	0.0004	P	1.5
4	☐	50.000	52.262	197147.05	0.0142	P	1.5
5	☐	125.000	129.808	487175.53	0.0350	P	0.0
6	☐	250.000	258.492	977024.71	0.0694	P	0.7
7	☐	500.000	509.354	1918568.78	0.1367	P	0.5
8	☐	1000.000	992.486	3738581.11	0.2661	P	0.2
9	☐			3601.36	0.0003	P	4.0

$$y = 2.6793E-004 * x + 1.8361E-004$$

$$R = 0.9999$$

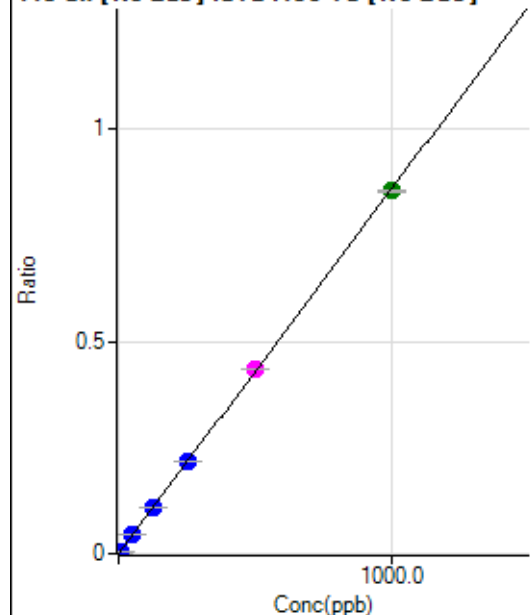
$$DL = 0.1555$$

$$BEC = 0.6853$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	736.17	0.0001	P	10.9
2	☐	0.500					
3	☐	5.000	4.243	51361.73	0.0037	P	1.9
4	☐	50.000	50.383	602587.56	0.0434	P	1.1
5	☐	125.000	126.754	1518810.32	0.1090	P	0.4
6	☐	250.000	252.912	3059270.34	0.2174	P	0.8
7	☐	500.000	507.786	6128287.63	0.4365	M	0.2
8	☐	1000.000	995.144	12017851.14	0.8554	A	0.5
9	☐			14972.41	0.0011	P	8.3

$$y = 8.5951\text{E-}004 * x + 5.3199\text{E-}005$$

$$R = 0.9999$$

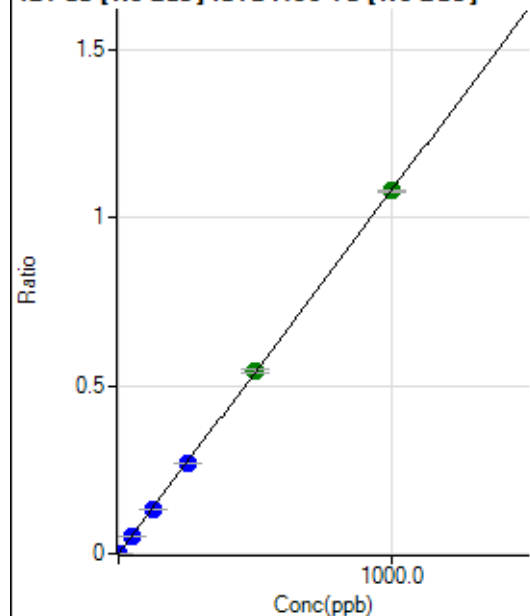
$$DL = 0.02019$$

$$BEC = 0.06189$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	48.1
2	☐	0.200					
3	☐	2.000	1.780	26801.36	0.0019	P	1.8
4	☐	50.000	45.481	683774.65	0.0492	P	0.8
5	☐	125.000	123.219	1857164.30	0.1333	P	0.7
6	☐	250.000	250.420	3811105.51	0.2709	P	0.4
7	☐	500.000	502.565	7631654.86	0.5436	A	1.4
8	☐	1000.000	999.061	15182278.47	1.0806	A	0.3
9	☐			65015.41	0.0049	P	4.9

$$y = 0.0011 * x + 5.0128\text{E-}006$$

$$R = 1.0000$$

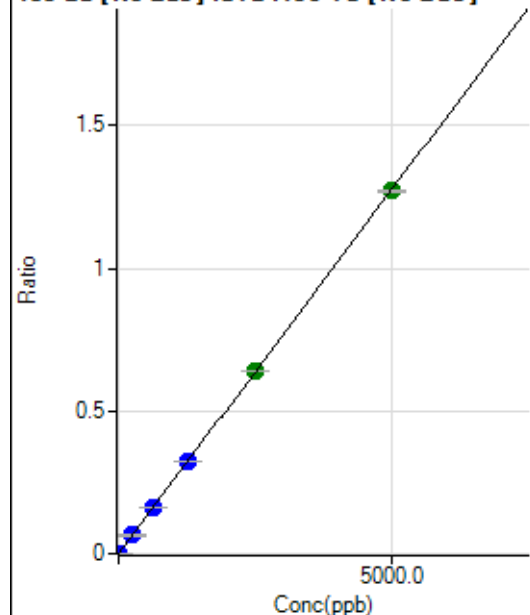
$$DL = 0.006684$$

$$BEC = 0.004635$$

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	77.78	0.0000	P	50.7
2	☐	1.000					
3	☐	10.000	8.703	30893.64	0.0022	P	2.8
4	☐	250.000	252.018	893407.04	0.0643	P	0.9
5	☐	625.000	633.206	2250435.47	0.1615	P	0.3
6	☐	1250.000	1270.226	4558321.45	0.3240	P	0.9
7	☐	2500.000	2514.513	9003995.17	0.6413	A	0.7
8	☐	5000.000	4986.563	17868905.95	1.2718	A	0.4
9	☐			9339.67	0.0007	P	7.2

$$y = 2.5505\text{E-}004 * x + 5.6221\text{E-}006$$

$$R = 1.0000$$

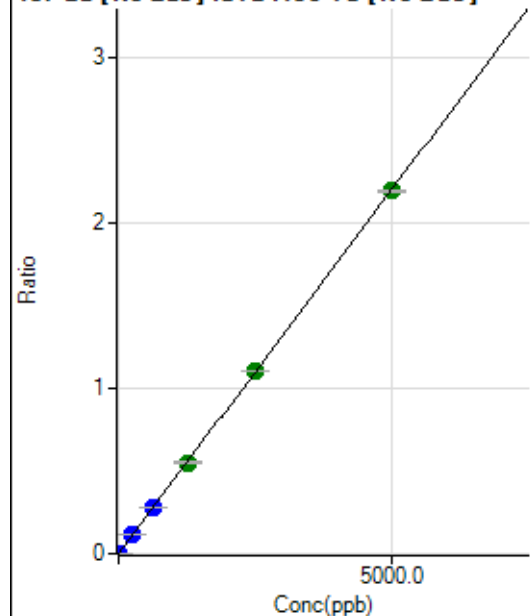
$$DL = 0.03353$$

$$BEC = 0.02204$$

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	163.90	0.0000	P	16.8
2	☐	1.000					
3	☐	10.000	8.540	52280.07	0.0038	P	0.3
4	☐	250.000	255.086	1558627.05	0.1122	P	1.5
5	☐	625.000	642.504	3935933.72	0.2825	P	0.5
6	☐	1250.000	1253.115	7751139.84	0.5509	A	0.9
7	☐	2500.000	2518.063	15541901.04	1.1070	A	0.4
8	☐	5000.000	4987.750	30806666.66	2.1927	A	0.7
9	☐			15773.49	0.0012	P	2.9

$$y = 4.3962\text{E-}004 * x + 1.1856\text{E-}005$$

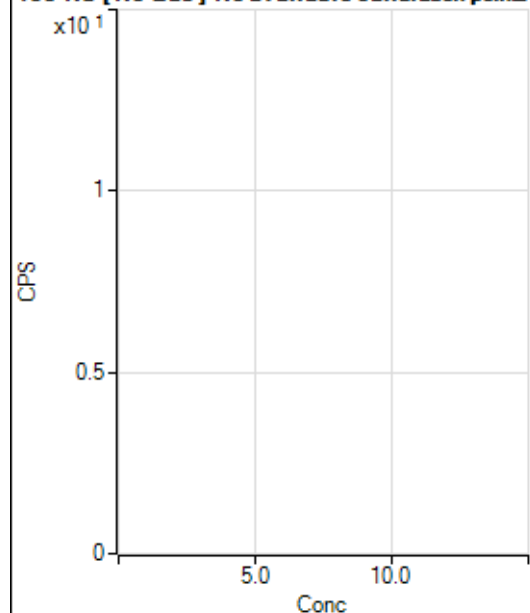
$$R = 1.0000$$

$$DL = 0.01359$$

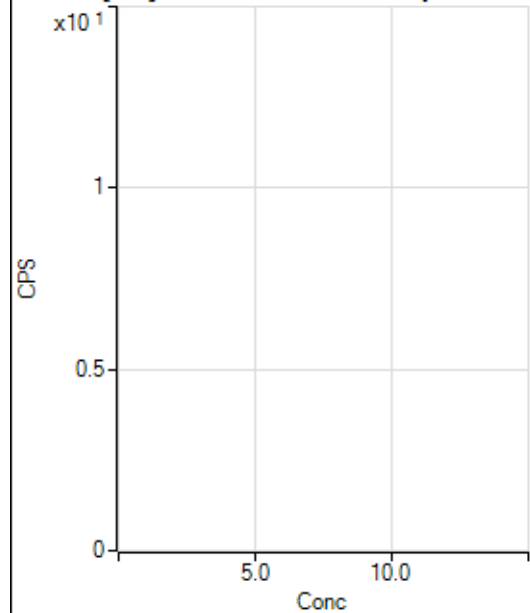
$$BEC = 0.02697$$

Weight: <None>

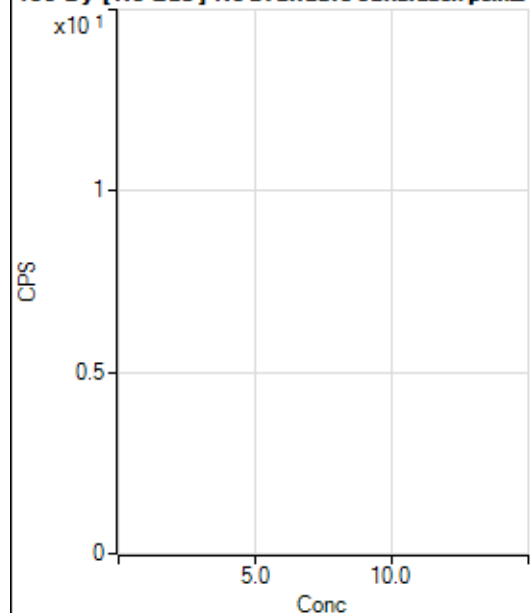
Min Conc: 0

150 Nd [No Gas] No available calibration points

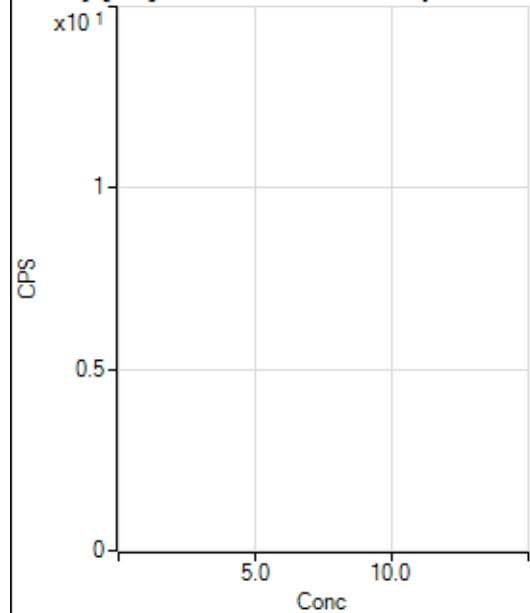
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			13.34		P	86.6
4	☐			95.56		P	22.4
5	☐			186.68		P	21.4
6	☐			377.80		P	27.6
7	☐			708.93		P	10.4
8	☐			1228.99		P	2.2
9	☐			226.68		P	16.4

150 Nd [He] No available calibration points

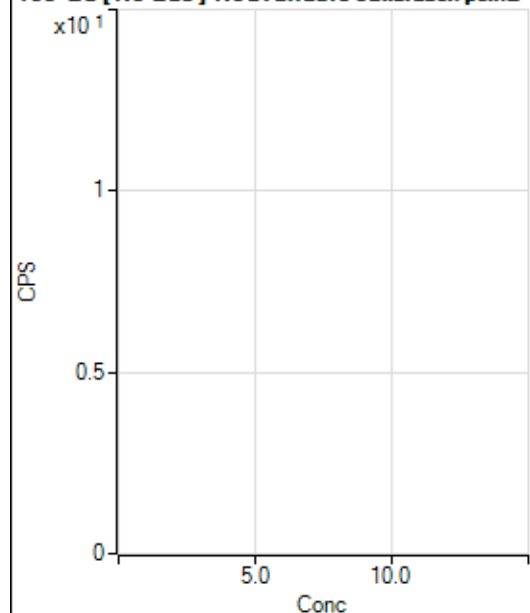
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			10.00		P	33.3
5	☐			17.78		P	10.8
6	☐			44.45		P	37.7
7	☐			76.67		P	23.0
8	☐			122.23		P	15.0
9	☐			75.56		P	18.4

156 Dy [No Gas] No available calibration points

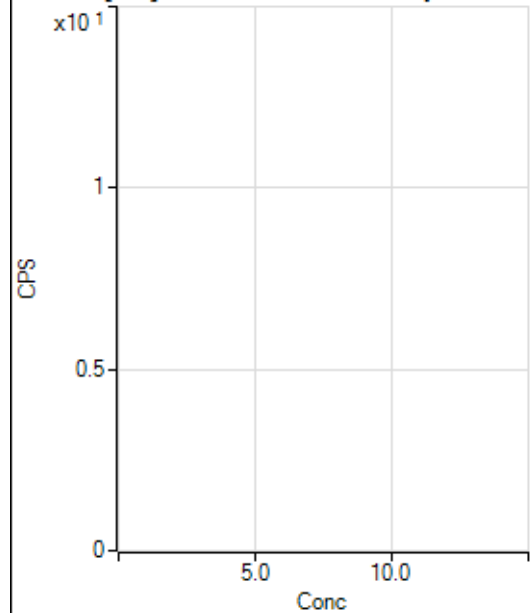
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			16.67		P	86.6
4	☐			30.56		P	83.3
5	☐			80.56		P	46.6
6	☐			111.12		P	17.3
7	☐			150.01		P	24.2
8	☐			347.24		P	15.2
9	☐			336.13		P	7.6

156 Dy [He] No available calibration points

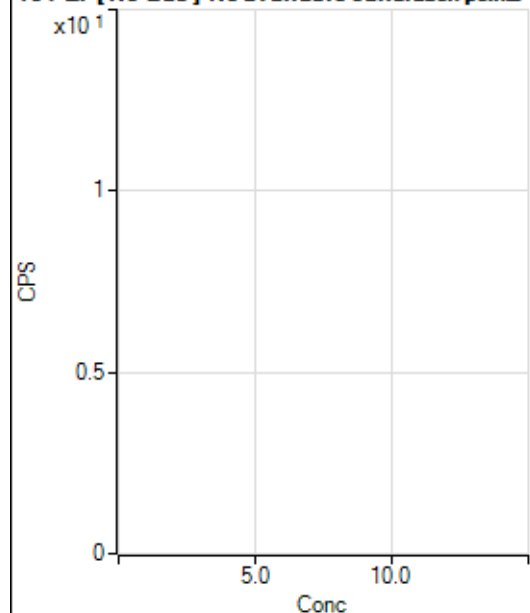
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			6.67		P	50.0
4	☐			8.89		P	78.1
5	☐			28.89		P	26.6
6	☐			22.22		P	43.3
7	☐			70.00		P	9.5
8	☐			104.45		P	4.9
9	☐			97.78		P	5.2

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

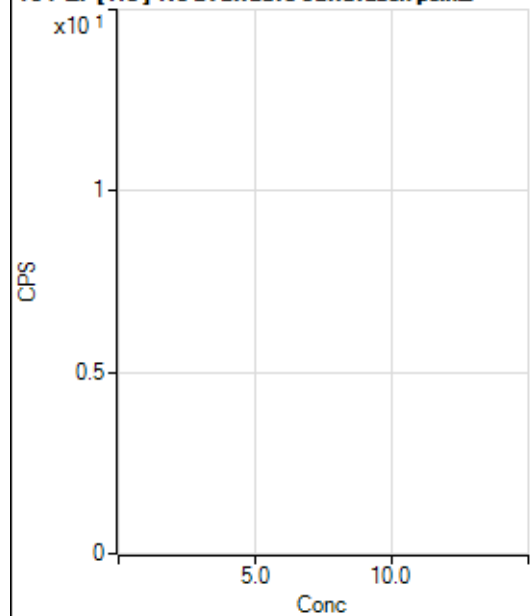
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.89		P	11.2
2	☐						
3	☐			83.34		P	10.0
4	☐			83.34		P	34.6
5	☐			105.56		P	18.2
6	☐			116.67		P	12.4
7	☐			155.57		P	21.7
8	☐			216.68		P	16.8
9	☐			266.68		P	25.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	20.0
2	☐						
3	☐			33.33		P	20.0
4	☐			31.11		P	16.4
5	☐			35.55		P	19.5
6	☐			40.00		P	28.9
7	☐			76.67		P	7.5
8	☐			112.23		P	1.7
9	☐			122.22		P	17.3

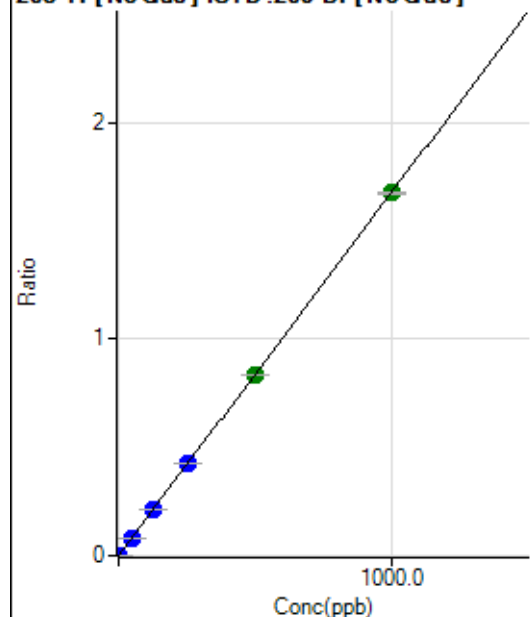
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	14.3
2	☐						
3	☐			83.34		P	50.0
4	☐			38.89		P	49.5
5	☐			86.11		P	11.2
6	☐			63.89		P	19.9
7	☐			77.78		P	52.9
8	☐			88.89		P	23.6
9	☐			119.45		P	35.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	65.8
2	☐						
3	☐			32.22		P	23.9
4	☐			15.55		P	24.8
5	☐			23.33		P	42.9
6	☐			31.11		P	52.9
7	☐			38.89		P	17.8
8	☐			34.45		P	39.1
9	☐			48.89		P	3.9

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	286.13	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	0.835	13193.26	0.0014	P	3.1
4	☐	50.000	49.857	776082.07	0.0836	P	0.0
5	☐	125.000	126.388	1929073.48	0.2118	P	0.2
6	☐	250.000	254.674	3924715.41	0.4267	P	0.9
7	☐	500.000	498.769	7640864.58	0.8357	A	0.5
8	☐	1000.000	999.281	15025513.01	1.6742	A	0.8
9	☐			7760.96	0.0010	P	5.6

$$y = 0.0017 * x + 3.0782E-005$$

$$R = 1.0000$$

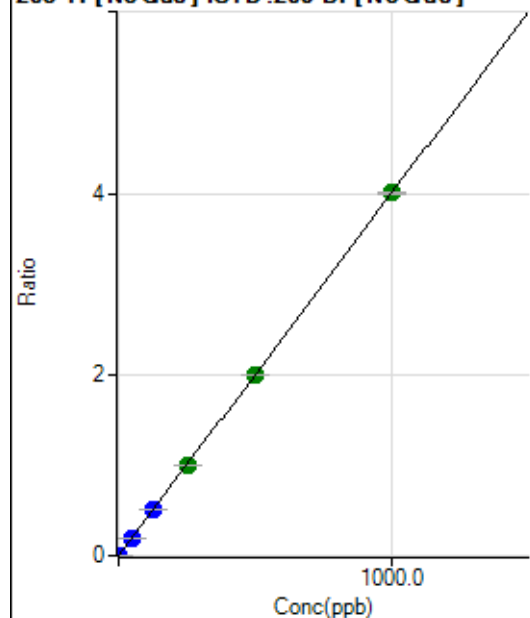
$$DL = 0.01044$$

$$BEC = 0.01837$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	813.95	0.0001	P	10.1
2	☐	0.100					
3	☐	1.000	0.839	31797.38	0.0034	P	1.3
4	☐	50.000	50.069	1861294.96	0.2004	P	0.3
5	☐	125.000	128.290	4675955.96	0.5134	P	0.7
6	☐	250.000	247.678	9115059.58	0.9910	A	0.4
7	☐	500.000	497.971	18217376.10	1.9924	A	0.5
8	☐	1000.000	1001.180	35949454.62	4.0057	A	0.8
9	☐			18157.58	0.0023	P	3.8

$$y = 0.0040 * x + 8.7593E-005$$

$$R = 1.0000$$

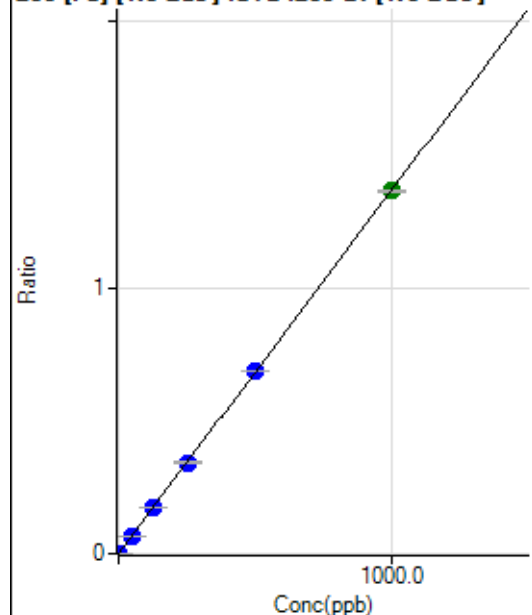
$$DL = 0.00666$$

$$BEC = 0.02189$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1802.02	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	1.082	15418.55	0.0017	P	1.8
4	☐	50.000	49.401	628181.95	0.0676	P	0.3
5	☐	125.000	125.337	1560307.21	0.1713	P	1.1
6	☐	250.000	250.355	3145346.63	0.3420	P	0.8
7	☐	500.000	502.532	6274657.89	0.6863	P	0.6
8	☐	1000.000	998.633	12237241.13	1.3635	A	0.7
9	☐			24955.45	0.0032	P	1.5

$$y = 0.0014 * x + 1.9407E-004$$

$$R = 1.0000$$

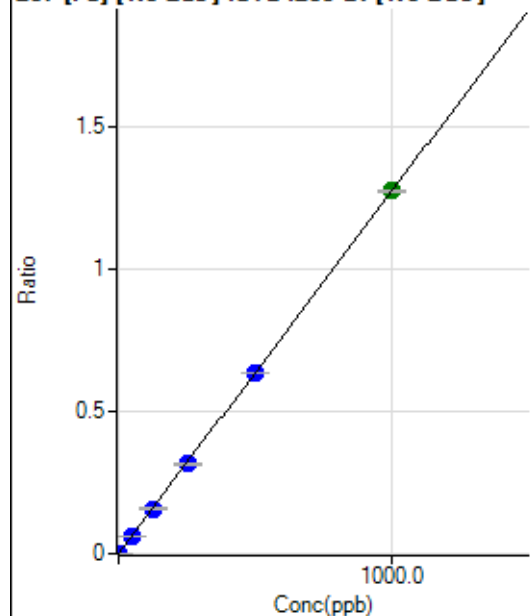
$$DL = 0.03284$$

$$BEC = 0.1422$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1777.95	0.0002	P	6.8
2	☐	0.100					
3	☐	1.000	1.067	14304.36	0.0016	P	1.1
4	☐	50.000	48.779	578642.79	0.0623	P	0.2
5	☐	125.000	124.243	1442737.43	0.1584	P	0.9
6	☐	250.000	246.941	2893798.85	0.3146	P	0.7
7	☐	500.000	498.241	5802581.32	0.6346	P	0.5
8	☐	1000.000	1001.800	11450287.99	1.2758	A	0.7
9	☐			22068.78	0.0028	P	0.1

$$y = 0.0013 * x + 1.9134E-004$$

$$R = 1.0000$$

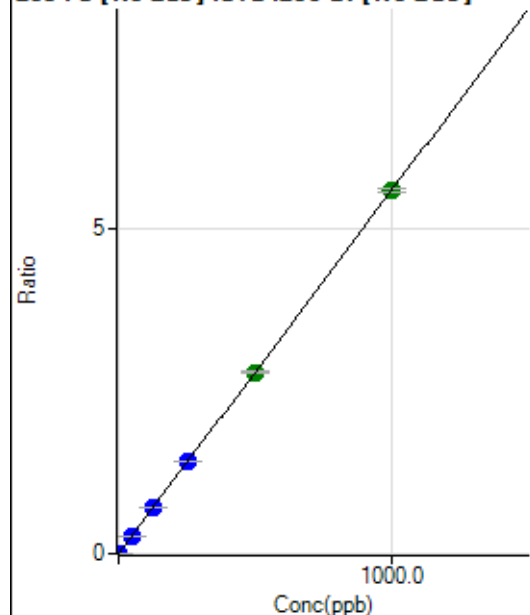
$$DL = 0.03058$$

$$BEC = 0.1503$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7738.15	0.0008	P	1.4
2	☐	0.100					
3	☐	1.000	1.075	62970.60	0.0068	P	1.2
4	☐	50.000	49.516	2571312.23	0.2769	P	0.4
5	☐	125.000	126.357	6423322.79	0.7052	P	0.8
6	☐	250.000	253.038	12981113.40	1.4114	P	0.4
7	☐	500.000	499.772	25480268.56	2.7868	A	0.6
8	☐	1000.000	999.209	49995892.90	5.5708	A	0.9
9	☐			100175.05	0.0127	P	0.6

$$y = 0.0056 * x + 8.3305E-004$$

$$R = 1.0000$$

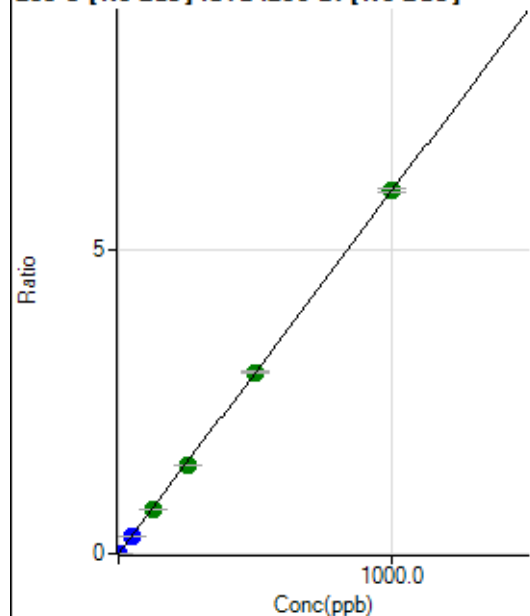
$$DL = 0.006062$$

$$BEC = 0.1494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	355.57	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.842	46723.91	0.0051	P	0.8
4	☐	50.000	49.007	2717486.82	0.2926	P	0.6
5	☐	125.000	124.275	6757856.23	0.7419	A	0.6
6	☐	250.000	246.081	13511877.91	1.4691	A	0.3
7	☐	500.000	499.837	27282937.42	2.9839	A	0.7
8	☐	1000.000	1001.202	53639158.14	5.9770	A	1.1
9	☐			15910.36	0.0020	P	1.2

$$y = 0.0060 * x + 3.8280E-005$$

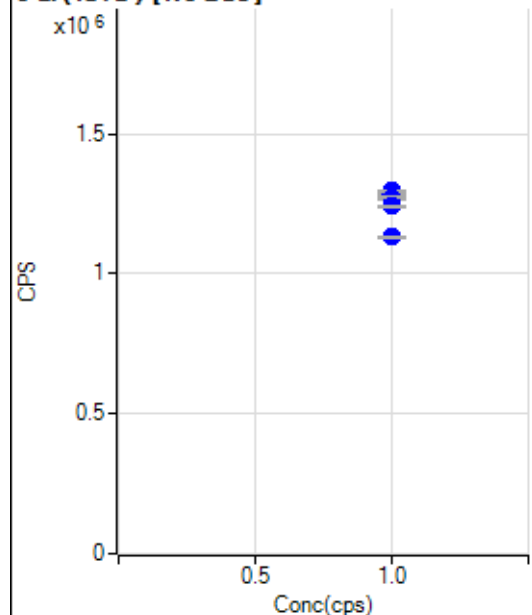
$$R = 1.0000$$

$$DL = 0.004039$$

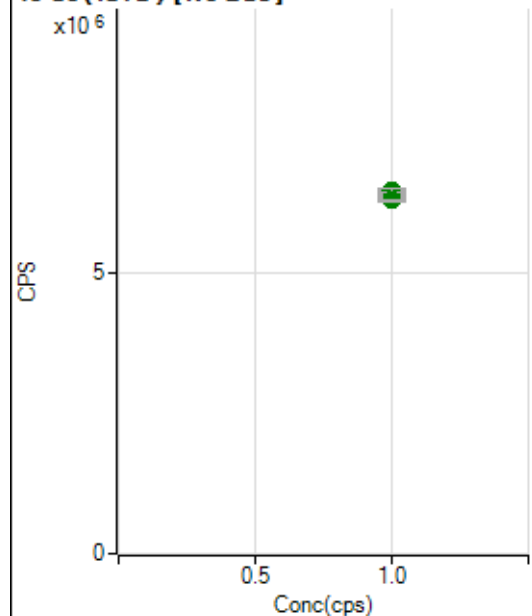
$$BEC = 0.006412$$

Weight: <None>

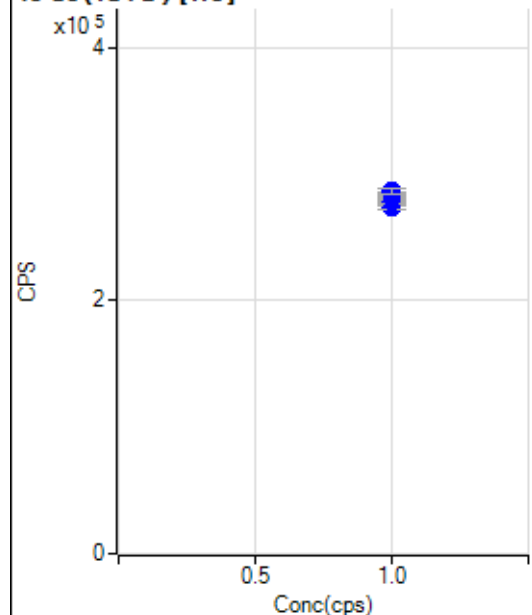
Min Conc: 0

6 Li (ISTD) [No Gas]

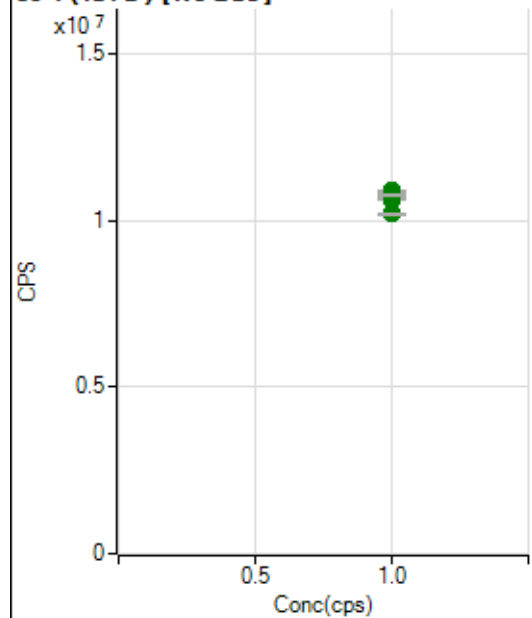
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1266845.01		P	0.3
2	☐	1.000					
3	☐	1.000		1275693.31		P	0.2
4	☐	1.000		1290588.56		P	0.5
5	☐	1.000		1287103.09		P	0.9
6	☐	1.000		1296444.17		P	0.4
7	☐	1.000		1274246.17		P	0.2
8	☐	1.000		1240458.70		P	0.3
9	☐	1.000		1131280.11		P	0.4

45 Sc (ISTD) [No Gas]

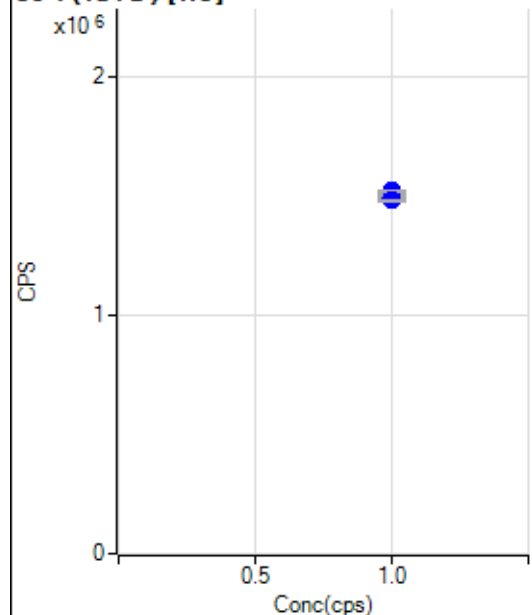
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6311453.92		A	0.5
2	☐	1.000					
3	☐	1.000		6297176.05		A	0.7
4	☐	1.000		6390812.43		A	0.5
5	☐	1.000		6351452.88		A	0.6
6	☐	1.000		6436086.30		A	0.2
7	☐	1.000		6438522.15		A	0.7
8	☐	1.000		6453382.18		A	1.1
9	☐	1.000		6279167.59		A	0.1

45 Sc (ISTD) [He]

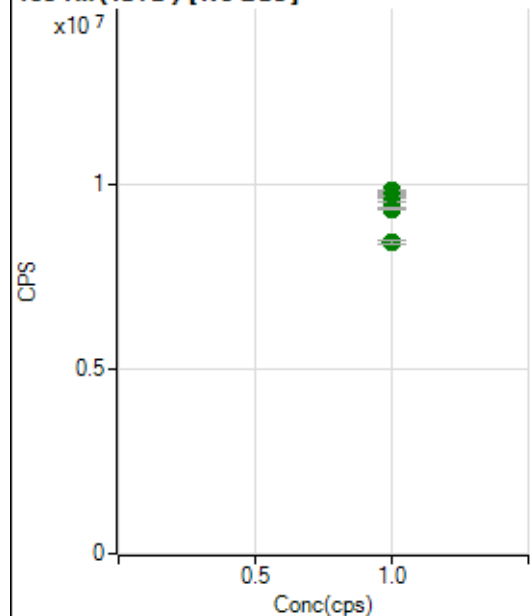
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		276385.08		P	0.7
2	☐	1.000					
3	☐	1.000		273042.61		P	0.9
4	☐	1.000		279222.81		P	0.4
5	☐	1.000		277307.25		P	1.2
6	☐	1.000		280873.45		P	0.3
7	☐	1.000		283136.44		P	0.2
8	☐	1.000		286511.72		P	0.9
9	☐	1.000		286174.60		P	1.4

89 Y (ISTD) [No Gas]

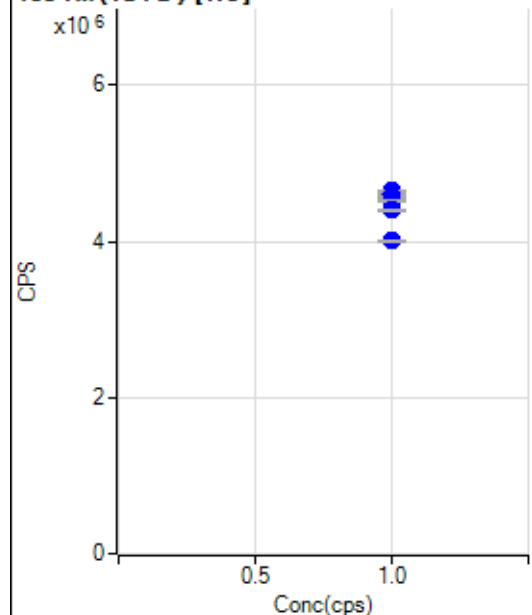
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10620024.36		A	0.5
2	☐	1.000					
3	☐	1.000		10616498.04		A	0.3
4	☐	1.000		10755571.78		A	0.1
5	☐	1.000		10658915.68		A	0.4
6	☐	1.000		10874573.45		A	0.6
7	☐	1.000		10759594.15		A	0.4
8	☐	1.000		10729122.62		A	0.4
9	☐	1.000		10188417.90		A	0.4

89 Y(ISTD) [He]

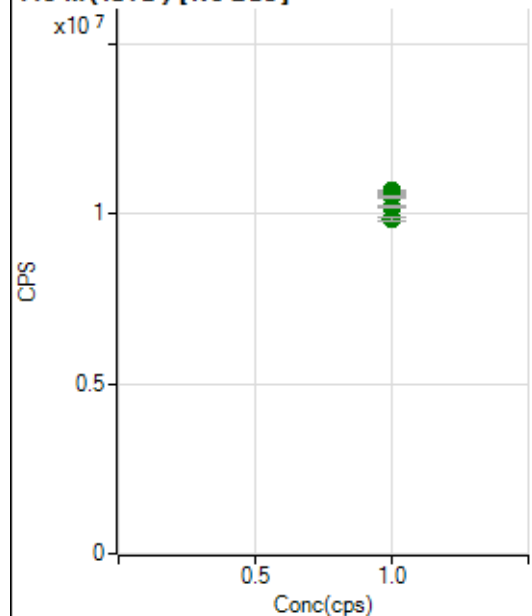
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502045.95		P	0.7
2	☐	1.000					
3	☐	1.000		1492137.58		P	1.4
4	☐	1.000		1522359.29		P	0.3
5	☐	1.000		1507736.44		P	0.3
6	☐	1.000		1521830.96		P	0.4
7	☐	1.000		1522517.89		P	0.6
8	☐	1.000		1524442.35		P	0.3
9	☐	1.000		1484872.83		P	0.8

103 Rh(ISTD) [No Gas]

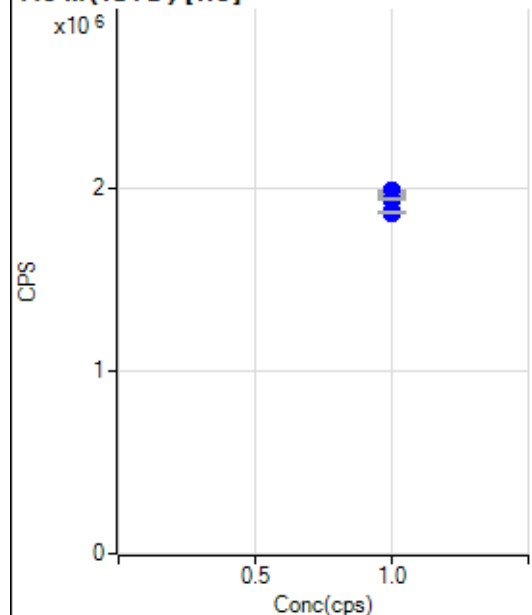
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9763518.62		A	0.4
2	☐	1.000					
3	☐	1.000		9697112.11		A	0.2
4	☐	1.000		9803993.54		A	0.7
5	☐	1.000		9609349.52		A	0.4
6	☐	1.000		9659906.29		A	0.4
7	☐	1.000		9511448.91		A	0.1
8	☐	1.000		9320095.00		A	0.6
9	☐	1.000		8425675.01		A	0.8

103 Rh (ISTD) [He]

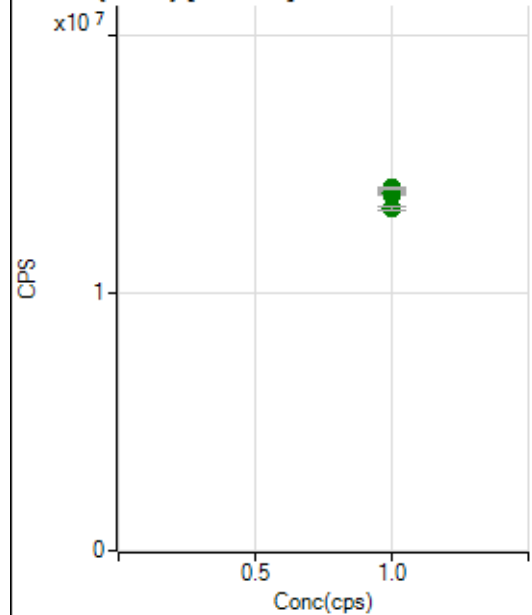
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4629502.71		P	0.7
2	☐	1.000					
3	☐	1.000		4593889.44		P	1.3
4	☐	1.000		4644565.07		P	0.5
5	☐	1.000		4560186.36		P	0.4
6	☐	1.000		4572980.24		P	0.4
7	☐	1.000		4518319.93		P	0.7
8	☐	1.000		4400132.09		P	0.4
9	☐	1.000		4008559.91		P	0.4

115 In (ISTD) [No Gas]

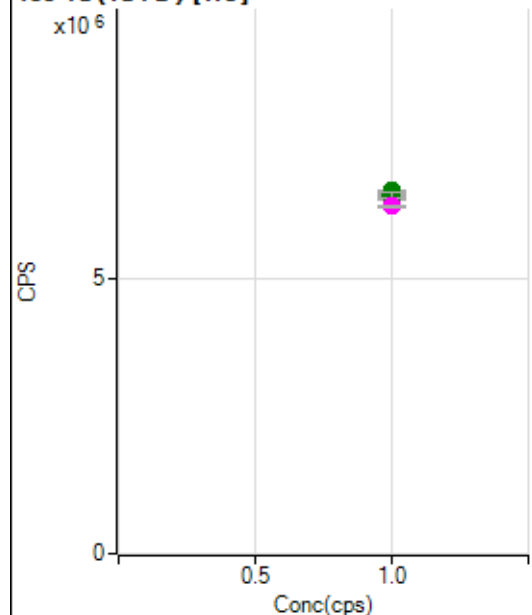
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10613054.74		A	0.6
2	☐	1.000					
3	☐	1.000		10594898.19		A	0.0
4	☐	1.000		10674589.64		A	0.3
5	☐	1.000		10525949.04		A	0.5
6	☐	1.000		10584353.82		A	0.1
7	☐	1.000		10497077.64		A	0.3
8	☐	1.000		10197049.01		A	0.6
9	☐	1.000		9833421.49		A	1.0

115 In (ISTD) [He]

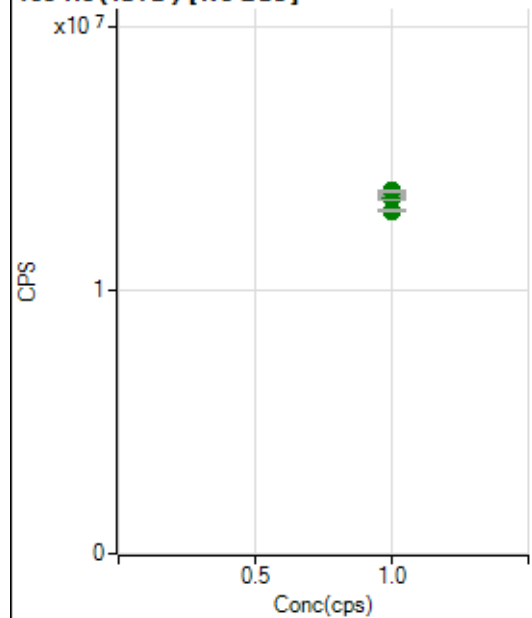
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1965233.39		P	0.5
2	☐	1.000					
3	☐	1.000		1945452.69		P	1.2
4	☐	1.000		1981722.54		P	0.3
5	☐	1.000		1949257.60		P	0.5
6	☐	1.000		1962417.99		P	0.3
7	☐	1.000		1936240.89		P	0.4
8	☐	1.000		1868846.32		P	0.5
9	☐	1.000		1860981.30		P	0.7

159 Tb (ISTD) [No Gas]

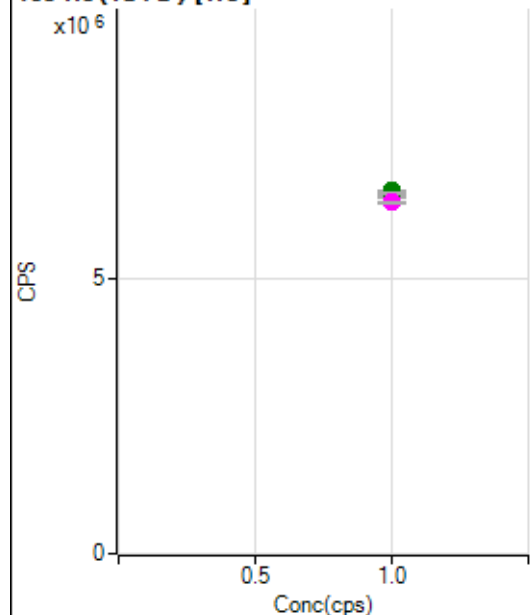
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13832526.74		A	0.6
2	☐	1.000					
3	☐	1.000		13881946.46		A	0.2
4	☐	1.000		13898888.96		A	1.1
5	☐	1.000		13934197.57		A	0.2
6	☐	1.000		14070392.57		A	0.6
7	☐	1.000		14039653.26		A	0.3
8	☐	1.000		14049730.90		A	0.3
9	☐	1.000		13284337.86		A	0.7

159 Tb (ISTD) [He]

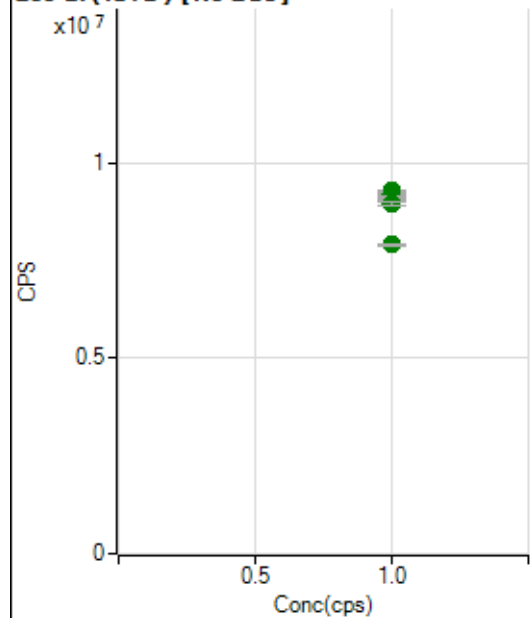
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6516433.31		A	0.7
2	☐	1.000					
3	☐	1.000		6453031.50		A	1.5
4	☐	1.000		6497807.54		A	0.1
5	☐	1.000		6423414.70		A	0.3
6	☐	1.000		6582730.80		A	0.5
7	☐	1.000		6519768.37		A	1.0
8	☐	1.000		6505154.14		A	1.5
9	☐	1.000		6309570.11		M	0.5

165 Ho (ISTD) [No Gas]

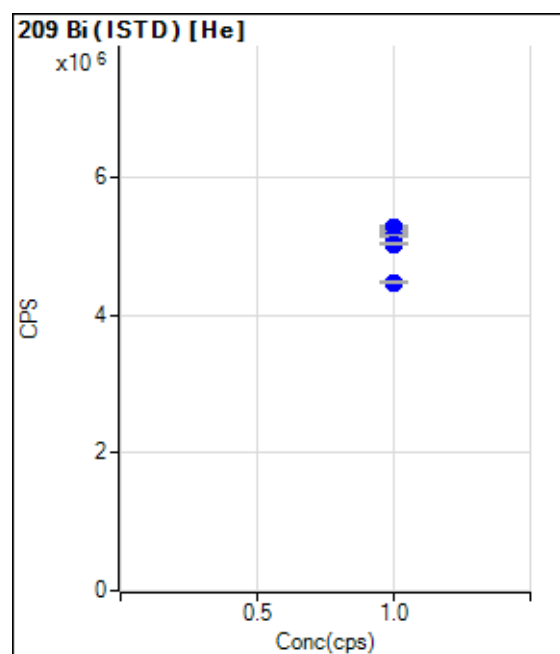
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13444899.00		A	0.6
2	☐	1.000					
3	☐	1.000		13476872.79		A	0.9
4	☐	1.000		13642252.91		A	0.3
5	☐	1.000		13467114.28		A	0.8
6	☐	1.000		13743351.70		A	0.5
7	☐	1.000		13747943.01		A	0.2
8	☐	1.000		13740562.98		A	0.3
9	☐	1.000		13002630.24		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6504838.17		A	0.9
2	☐	1.000					
3	☐	1.000		6464225.32		A	0.6
4	☐	1.000		6491368.23		A	0.1
5	☐	1.000		6504611.78		A	0.3
6	☐	1.000		6586176.29		A	0.4
7	☐	1.000		6536310.87		A	0.7
8	☐	1.000		6552796.43		A	0.5
9	☐	1.000		6377957.61		M	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9288980.49		A	0.8
2	☐	1.000					
3	☐	1.000		9228293.26		A	0.6
4	☐	1.000		9287473.54		A	0.1
5	☐	1.000		9108845.84		A	0.9
6	☐	1.000		9197697.64		A	0.8
7	☐	1.000		9143542.99		A	0.7
8	☐	1.000		8974999.38		A	1.0
9	☐	1.000		7913340.58		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5270117.49		P	1.0
2	☐	1.000					
3	☐	1.000		5196608.67		P	1.1
4	☐	1.000		5271253.95		P	0.2
5	☐	1.000		5200733.53		P	0.3
6	☐	1.000		5219015.62		P	0.3
7	☐	1.000		5153553.60		P	0.9
8	☐	1.000		5041901.00		P	0.7
9	☐	1.000		4482968.92		P	0.5