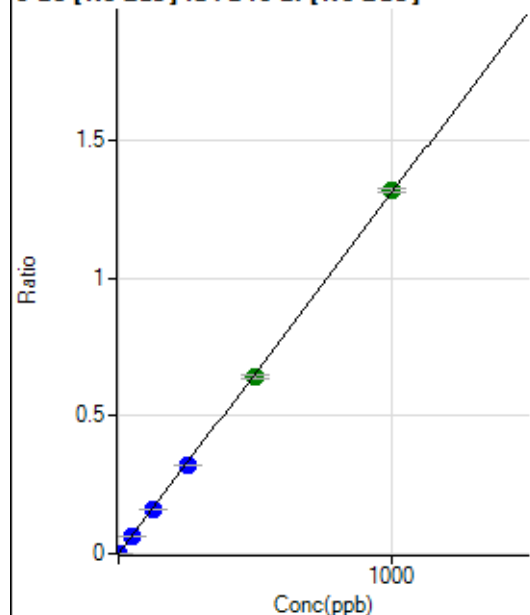


Batch Folder: D:\P8021319MS.b\
Analysis File: P8021319MS.batch.bin
DA Date-Time: 2019-02-13 22:51:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-02-13 19:12:13
2			
3	005CALS.d	S02	2019-02-13 19:19:56
4	006CALS.d	S03	2019-02-13 19:23:47
5	007CALS.d	S04	2019-02-13 19:27:37
6	008CALS.d	S05	2019-02-13 19:31:16
7	009CALS.d	S06	2019-02-13 19:34:50
8	010CALS.d	S07	2019-02-13 19:38:19
9	011CALS.d	S08	2019-02-13 19:41:42

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.00	0.0000	P	23.5
2	☐	0.100					
3	☐	1.000	0.908	2265.77	0.0012	P	4.1
4	☐	50.000	48.832	121794.48	0.0639	P	1.7
5	☐	125.000	123.873	310947.95	0.1621	P	1.4
6	☐	250.000	245.440	611285.95	0.3212	P	1.3
7	☐	500.000	490.499	1236205.78	0.6418	A	1.3
8	☐	1000.000	1006.090	2391906.20	1.3165	A	1.1
9	☐			298.90	0.0002	P	14.1

$$y = 0.0013 * x + 3.9447E-005$$

$$R = 0.9999$$

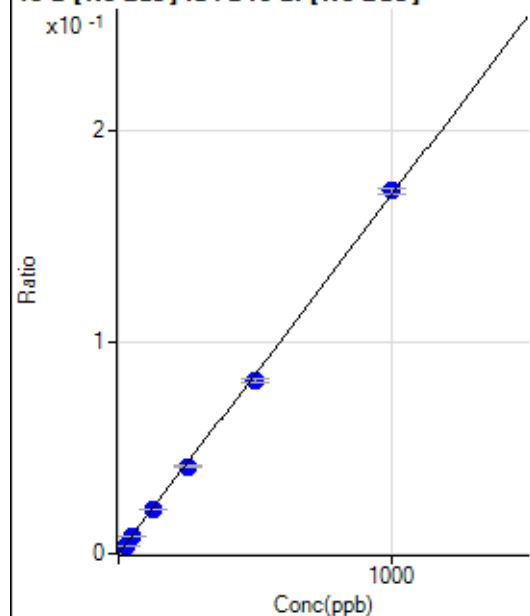
$$DL = 0.02128$$

$$BEC = 0.03015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0001	P	11.5
2	☐	2.500					
3	☐	25.000	23.310	7466.14	0.0040	P	1.9
4	☐	50.000	47.764	15600.83	0.0082	P	4.7
5	☐	125.000	121.904	39833.99	0.0208	P	0.4
6	☐	250.000	243.259	78699.40	0.0414	P	1.5
7	☐	500.000	482.023	157634.69	0.0819	P	2.6
8	☐	1000.000	1011.215	311802.36	0.1716	P	1.7
9	☐			6482.29	0.0038	P	7.4

$$y = 1.6963E-004 * x + 8.8845E-005$$

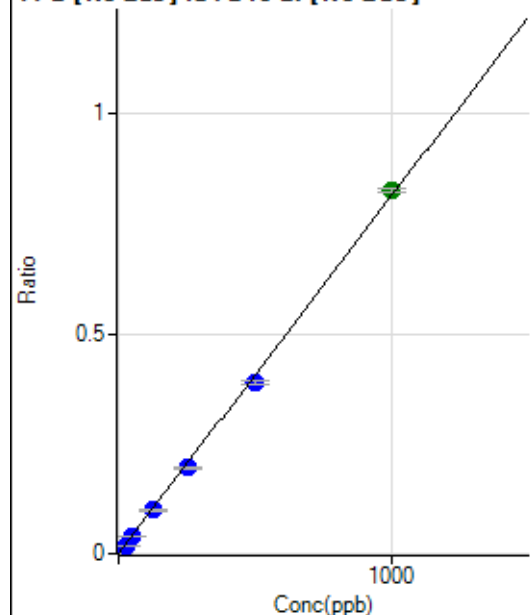
$$R = 0.9997$$

$$DL = 0.1804$$

$$BEC = 0.5238$$

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	722.28	0.0004	P	28.1
2	☐	2.500					
3	☐	25.000	22.638	34731.85	0.0188	P	1.6
4	☐	50.000	47.525	74390.57	0.0391	P	2.3
5	☐	125.000	120.499	188743.77	0.0984	P	0.6
6	☐	250.000	239.763	371827.72	0.1954	P	2.1
7	☐	500.000	478.915	750814.01	0.3899	P	2.4
8	☐	1000.000	1013.847	1498673.84	0.8249	A	1.0
9	☐			30934.25	0.0181	P	6.9

$$y = 8.1321\text{E-}004 * x + 4.0488\text{E-}004$$

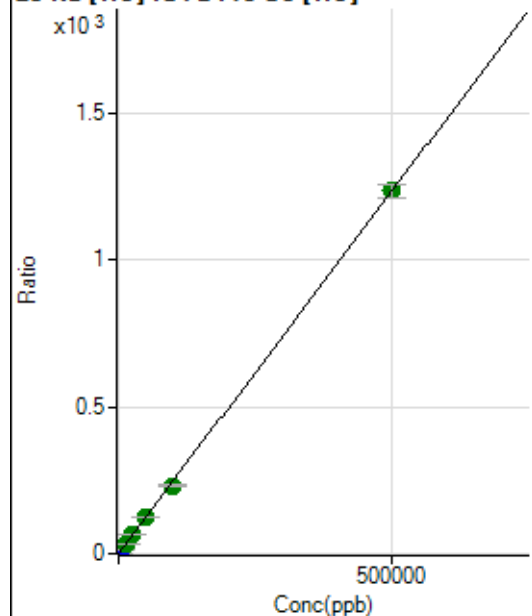
$$R = 0.9996$$

$$DL = 0.419$$

$$BEC = 0.4979$$

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	8166.60	0.1547	P	6.7
2	☐	50.000					
3	☐	500.000	509.298	74146.55	1.4095	P	2.0
4	☐	5000.000	5231.192	706433.48	13.0429	P	8.0
5	☐	12500.000	13038.341	1790962.43	32.2775	A	1.7
6	☐	25000.000	26531.707	3500584.84	65.5214	A	2.1
7	☐	50000.000	51103.626	6933485.66	126.0597	A	2.0
8	☐	100000.00	94143.508	13622430.51	232.0979	A	2.1
9	☐	500000.00	500968.57	70601318.24	1,234.401	A	3.5

$$y = 0.0025 * x + 0.1547$$

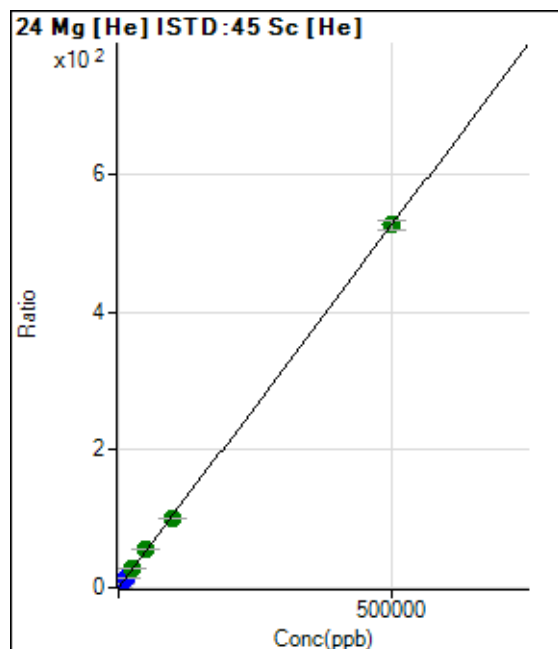
$$R = 0.9999$$

$$DL = 12.58$$

$$BEC = 62.8$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.80	0.0058	P	19.7
2	☐	50.000					
3	☐	500.000	536.496	30049.43	0.5713	P	2.6
4	☐	5000.000	5391.494	307971.55	5.6888	P	9.0
5	☐	12500.000	13146.824	769163.92	13.8634	P	2.3
6	☐	25000.000	27590.954	1554313.09	29.0884	A	1.3
7	☐	50000.000	52704.916	3056151.24	55.5602	A	1.2
8	☐	100000.00	95338.962	5898795.49	100.4993	A	1.8
9	☐	500000.00	500512.04	30177139.91	527.5784	A	2.7

$$y = 0.0011 * x + 0.0058$$

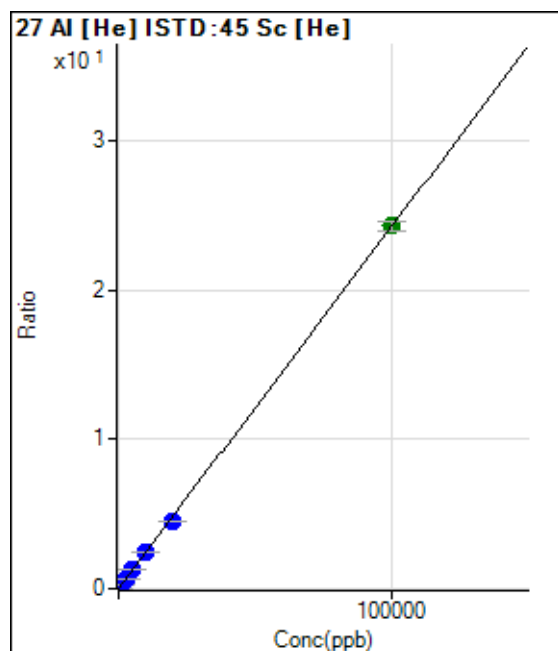
$$R = 0.9999$$

$$DL = 3.234$$

$$BEC = 5.471$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.34	0.0007	P	40.3
2	☐	2.000					
3	☐	20.000	21.426	311.75	0.0059	P	5.7
4	☐	1000.000	1042.651	13725.16	0.2536	P	9.4
5	☐	2500.000	2569.499	34609.79	0.6239	P	3.1
6	☐	5000.000	5253.219	68108.50	1.2747	P	1.8
7	☐	10000.000	10181.116	135844.08	2.4698	P	2.0
8	☐	20000.000	18727.624	266636.81	4.5424	P	1.3
9	☐	100000.00	100221.53	1390279.21	24.3058	A	2.4

$$y = 2.4251E-004 * x + 7.2868E-004$$

$$R = 0.9999$$

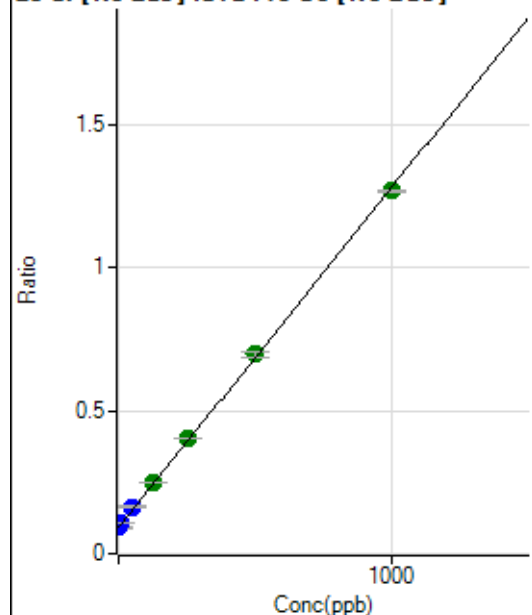
$$DL = 3.631$$

$$BEC = 3.005$$

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	482401.14	0.0918	P	4.4
2	☐	1.000					
3	☐	10.000	11.335	570792.66	0.1053	P	2.0
4	☐	50.000	60.816	940637.35	0.1640	P	1.3
5	☐	125.000	131.340	1386069.70	0.2476	A	0.7
6	☐	250.000	263.060	2247998.99	0.4039	A	0.8
7	☐	500.000	509.676	3897365.02	0.6965	A	2.9
8	☐	1000.000	990.550	6802700.76	1.2670	A	0.6
9	☐			685116.00	0.1281	P	2.5

$$y = 0.0012 * x + 0.0918$$

$$R = 0.9998$$

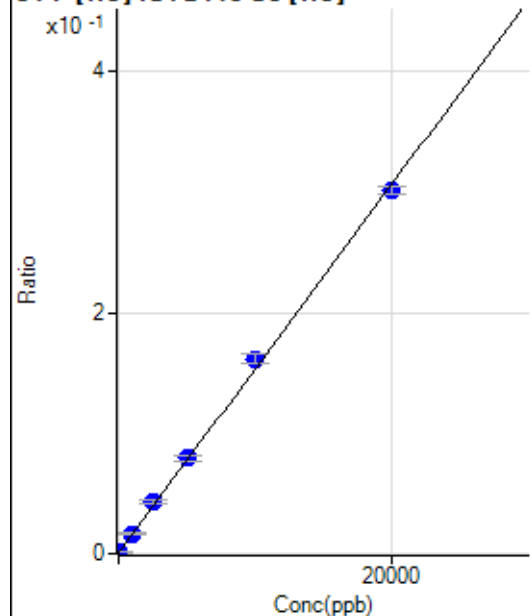
$$DL = 10.14$$

$$BEC = 77.4$$

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	-31.307	8.33	0.0002	P	101.7
2	☐	0.000					
3	☐	0.000	31.307	58.34	0.0011	P	28.6
4	☐	1000.000	1050.441	900.07	0.0167	P	13.5
5	☐	2500.000	2754.656	2366.98	0.0427	P	6.7
6	☐	5000.000	5150.497	4231.38	0.0792	P	5.8
7	☐	10000.000	10530.841	8878.16	0.1613	P	5.1
8	☐	20000.000	19662.601	17653.29	0.3007	P	2.0
9	☐			19.45	0.0003	P	65.9

$$y = 1.5261E-005 * x + 6.3176E-004$$

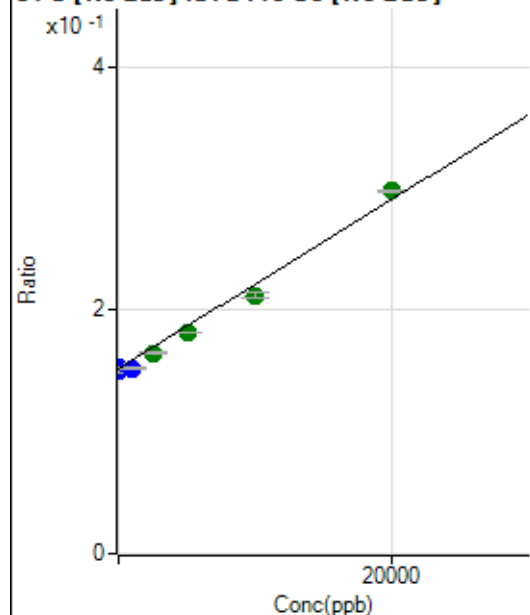
$$R = 0.9994$$

$$DL = 46.59$$

$$BEC = 41.4$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	201.426	805677.93	0.1533	P	4.1
2	☐	0.000					
3	☐	0.000	-201.426	816273.54	0.1505	P	2.1
4	☐	1000.000	-16.699	870961.48	0.1518	P	1.2
5	☐	2500.000	1827.429	921438.34	0.1646	A	1.2
6	☐	5000.000	4246.519	1009775.57	0.1814	A	0.7
7	☐	10000.000	8625.086	1185504.44	0.2118	A	2.0
8	☐	20000.000	21010.733	1599170.60	0.2978	A	0.6
9	☐			708555.92	0.1325	P	2.4

$$y = 6.9443\text{E-}006 * x + 0.1519$$

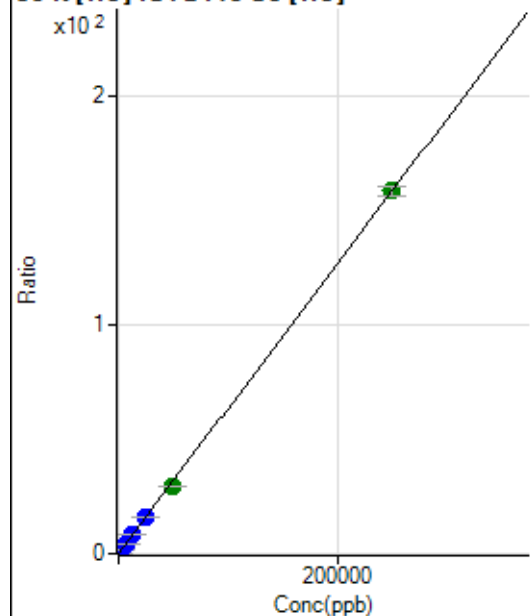
$$R = 0.9955$$

$$DL = 2009$$

$$BEC = 2.188\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5087.26	0.0965	P	11.2
2	☐	50.000					
3	☐	500.000	468.416	20674.27	0.3931	P	2.9
4	☐	2500.000	2508.412	91247.77	1.6845	P	7.8
5	☐	6250.000	6204.167	223275.40	4.0241	P	2.1
6	☐	12500.000	12758.340	436670.23	8.1732	P	2.1
7	☐	25000.000	24608.764	862237.94	15.6751	P	1.2
8	☐	50000.000	46349.659	1727783.96	29.4381	A	2.1
9	☐	250000.00	250757.40	9085325.20	158.8380	A	2.5

$$y = 6.3305\text{E-}004 * x + 0.0965$$

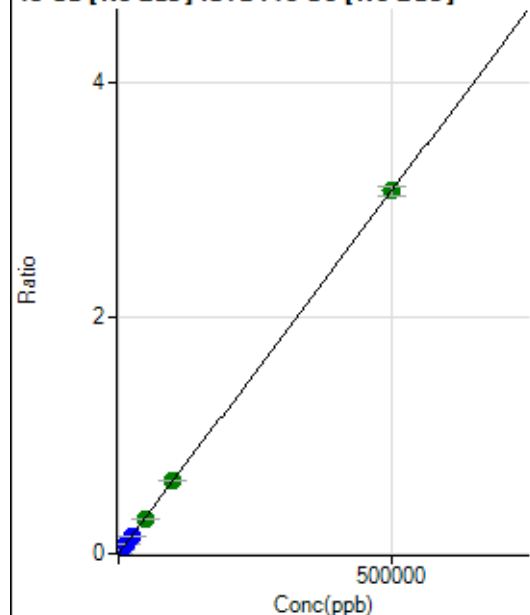
$$R = 0.9999$$

$$DL = 51.05$$

$$BEC = 152.5$$

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	782.26	0.0001	P	7.8
2	☐	50.000					
3	☐	500.000	464.518	16310.74	0.0030	P	2.9
4	☐	5000.000	4599.980	163310.58	0.0285	P	1.9
5	☐	12500.000	12140.259	419200.00	0.0749	P	0.4
6	☐	25000.000	23982.971	822661.41	0.1478	P	0.9
7	☐	50000.000	48635.165	1676763.47	0.2996	A	1.3
8	☐	100000.00	100280.27	3315864.81	0.6176	A	0.9
9	☐	500000.00	500144.30	16467128.64	3.0796	A	2.9

$$y = 6.1571\text{E-}006 * x + 1.4843\text{E-}004$$

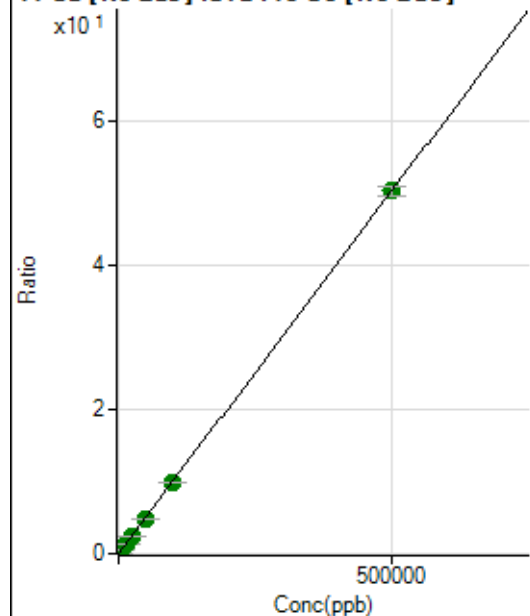
$$R = 1.0000$$

$$DL = 5.671$$

$$BEC = 24.11$$

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	38188.93	0.0073	P	4.9
2	☐	50.000					
3	☐	500.000	456.535	288571.72	0.0532	P	2.9
4	☐	5000.000	4665.259	2735220.71	0.4769	A	3.2
5	☐	12500.000	11969.444	6784502.68	1.2122	A	0.3
6	☐	25000.000	23686.213	13310599.53	2.3916	A	0.8
7	☐	50000.000	47363.865	26723035.16	4.7751	A	1.7
8	☐	100000.00	98980.176	53535654.20	9.9710	A	0.4
9	☐	500000.00	500549.92	269490960.4	50.3946	A	2.3

$$y = 1.0066\text{E-}004 * x + 0.0073$$

$$R = 1.0000$$

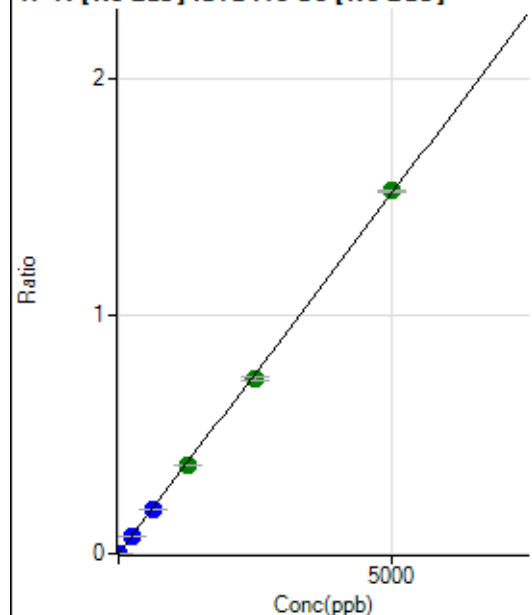
$$DL = 10.6$$

$$BEC = 72.22$$

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	238.91	0.0000	P	16.0
2	☐	0.500					
3	☐	5.000	4.826	8164.33	0.0015	P	4.0
4	☐	250.000	233.033	404794.24	0.0706	P	2.1
5	☐	625.000	613.639	1039703.03	0.1858	P	0.2
6	☐	1250.000	1230.948	2073680.69	0.3726	A	0.3
7	☐	2500.000	2438.356	4129950.05	0.7380	A	2.1
8	☐	5000.000	5037.854	8186390.55	1.5247	A	0.5
9	☐			1794.64	0.0003	P	7.2

$$y = 3.0265E-004 * x + 4.5325E-005$$

$$R = 0.9999$$

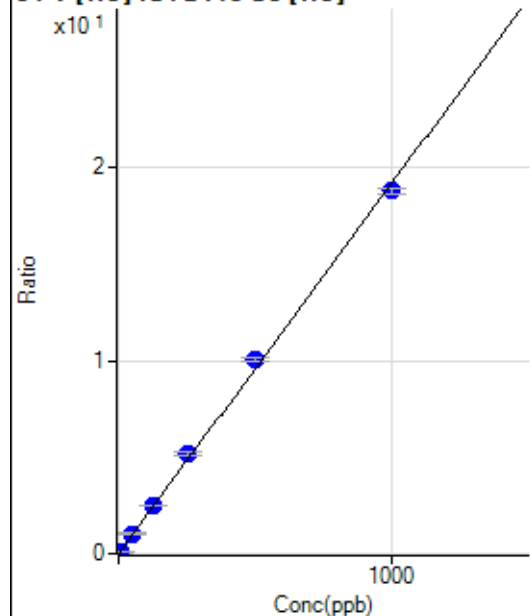
$$DL = 0.072$$

$$BEC = 0.1498$$

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	13.33	0.0003	P	55.2
2	☐	0.500					
3	☐	5.000	5.413	5465.60	0.1039	P	3.9
4	☐	50.000	53.046	55003.26	1.0158	P	8.7
5	☐	125.000	130.806	138972.48	2.5046	P	1.6
6	☐	250.000	270.017	276182.18	5.1699	P	2.7
7	☐	500.000	526.870	554839.93	10.0875	P	1.8
8	☐	1000.000	980.681	1102081.13	18.7759	P	1.5
9	☐			236.67	0.0041	P	20.3

$$y = 0.0191 * x + 2.5763E-004$$

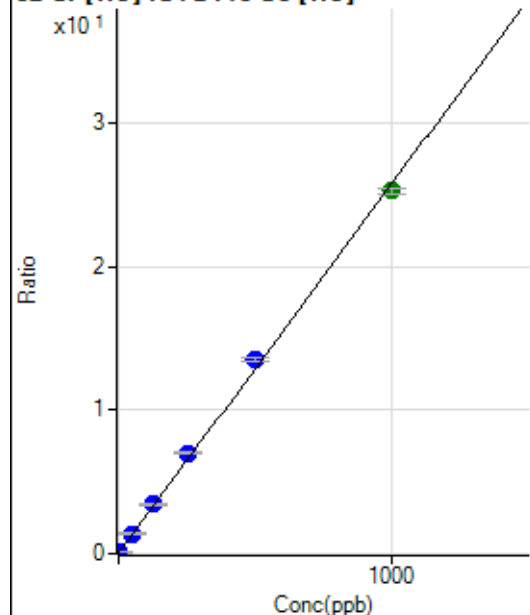
$$R = 0.9992$$

$$DL = 0.02228$$

$$BEC = 0.01346$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1206.74	0.0229	P	13.9
2	☐	0.200					
3	☐	2.000	2.161	4131.80	0.0785	P	4.7
4	☐	50.000	53.554	75884.25	1.4014	P	8.5
5	☐	125.000	132.050	189855.01	3.4218	P	1.9
6	☐	250.000	270.736	373525.60	6.9914	P	2.3
7	☐	500.000	524.348	743629.94	13.5192	P	1.3
8	☐	1000.000	981.583	1484350.72	25.2880	A	1.4
9	☐			28729.78	0.5023	P	3.0

$$y = 0.0257 * x + 0.0229$$

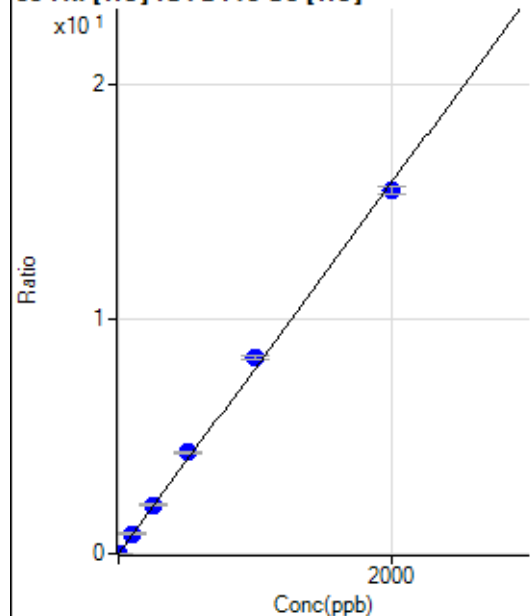
$$R = 0.9993$$

$$DL = 0.3721$$

$$BEC = 0.8906$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0008	P	27.7
2	☐	0.100					
3	☐	1.000	1.144	516.69	0.0098	P	5.0
4	☐	100.000	108.383	46406.96	0.8570	P	8.4
5	☐	250.000	264.181	115835.44	2.0877	P	2.0
6	☐	500.000	544.574	229859.32	4.3027	P	2.9
7	☐	1000.000	1059.621	460449.99	8.3714	P	1.9
8	☐	2000.000	1956.854	907330.28	15.4591	P	2.1
9	☐			4503.03	0.0787	P	1.7

$$y = 0.0079 * x + 7.8461E-004$$

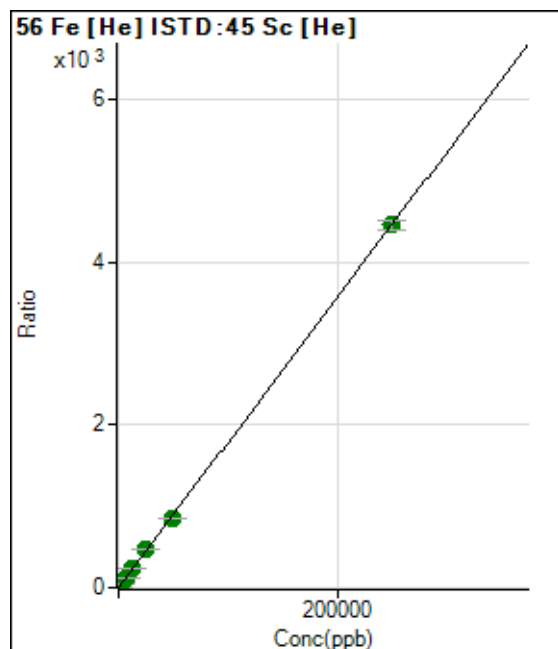
$$R = 0.9990$$

$$DL = 0.08258$$

$$BEC = 0.09932$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1642.74	0.0311	P	8.2
2	☐	5.000					
3	☐	50.000	61.512	59261.75	1.1258	P	8.2
4	☐	2500.000	2730.553	2633801.42	48.6242	A	7.9
5	☐	6250.000	6629.250	6547299.63	118.0055	A	2.1
6	☐	12500.000	13552.940	12885807.93	241.2197	A	3.0
7	☐	25000.000	26234.609	25681475.81	466.9032	A	1.8
8	☐	50000.000	47927.578	50063440.01	852.9520	A	1.8
9	☐	250000.00	250226.58	254704120.5	4,453.072	A	2.4

$$y = 0.0178 * x + 0.0311$$

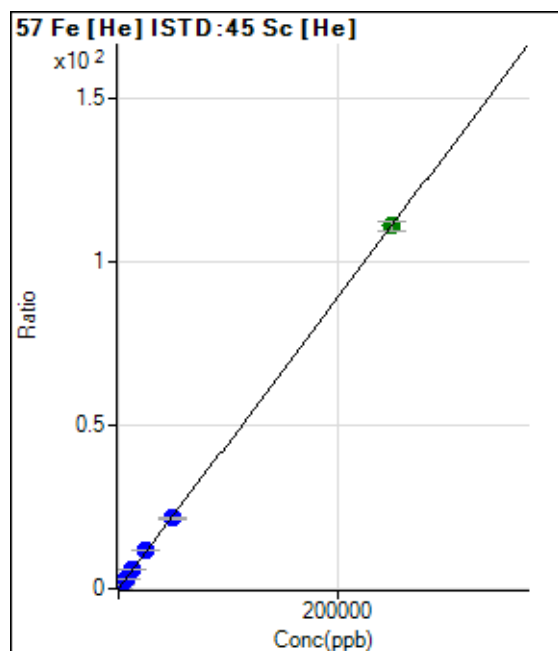
$$R = 0.9999$$

$$DL = 0.43$$

$$BEC = 1.75$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0010	P	55.3
2	☐	5.000					
3	☐	50.000	55.733	1350.11	0.0257	P	4.6
4	☐	2500.000	2686.118	64514.05	1.1915	P	8.7
5	☐	6250.000	6693.595	164652.20	2.9677	P	2.4
6	☐	12500.000	13589.478	321786.13	6.0241	P	3.4
7	☐	25000.000	26497.070	646018.91	11.7450	P	1.6
8	☐	50000.000	48765.608	1268621.37	21.6149	P	2.1
9	☐	250000.00	250029.74	6338465.24	110.8191	A	2.6

$$y = 4.4322E-004 * x + 9.6572E-004$$

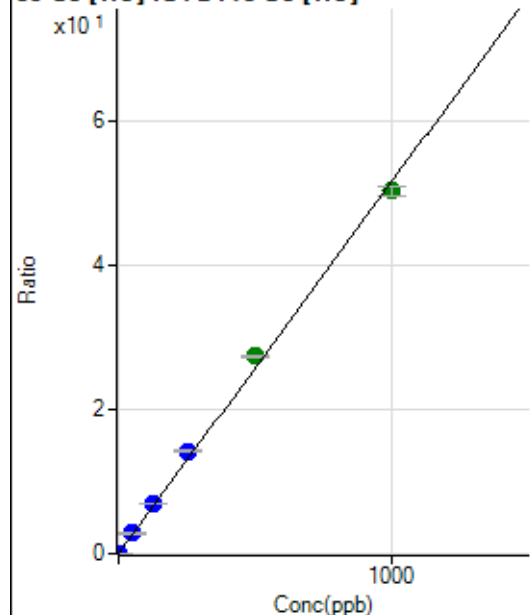
$$R = 1.0000$$

$$DL = 3.614$$

$$BEC = 2.179$$

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	115.56	0.0022	P	14.4
2	☐	0.100					
3	☐	1.000	1.075	3028.17	0.0576	P	1.2
4	☐	50.000	54.318	151637.24	2.8004	P	8.5
5	☐	125.000	133.693	382253.10	6.8894	P	2.0
6	☐	250.000	276.079	759908.29	14.2244	P	2.7
7	☐	500.000	532.099	1507891.94	27.4133	A	1.2
8	☐	1000.000	976.128	2951432.98	50.2875	A	2.5
9	☐			34875.96	0.6098	P	3.0

$$y = 0.0515 * x + 0.0022$$

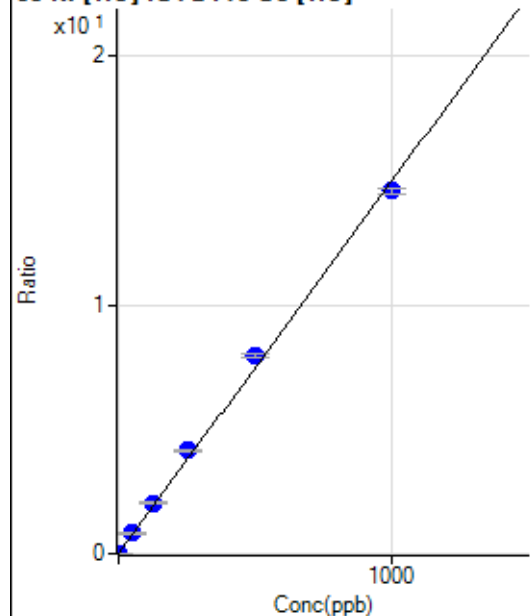
$$R = 0.9988$$

$$DL = 0.0182$$

$$BEC = 0.04215$$

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	40.00	0.0008	P	2.4
2	☐	0.100					
3	☐	1.000	1.089	897.82	0.0171	P	3.3
4	☐	50.000	55.450	44997.13	0.8309	P	8.4
5	☐	125.000	136.537	113439.24	2.0449	P	3.5
6	☐	250.000	277.620	222080.53	4.1571	P	2.8
7	☐	500.000	533.086	439054.29	7.9819	P	1.4
8	☐	1000.000	974.837	856665.89	14.5955	P	1.9
9	☐			17161.93	0.3000	P	1.8

$$y = 0.0150 * x + 7.5508E-004$$

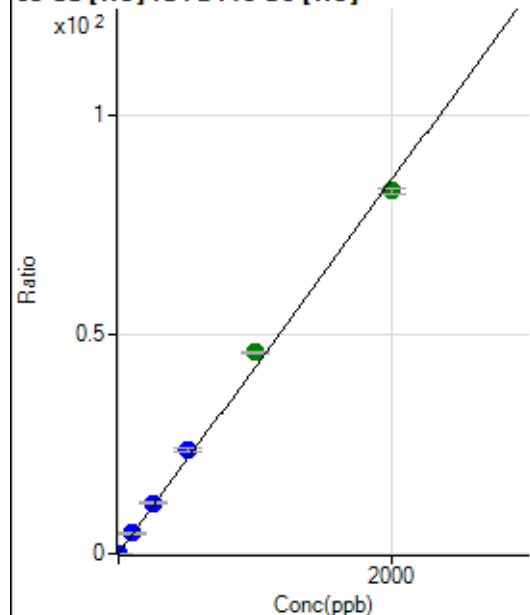
$$R = 0.9987$$

$$DL = 0.003586$$

$$BEC = 0.05043$$

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	534.47	0.0101	P	4.6
2	☐	0.200					
3	☐	2.000	2.099	5236.63	0.0996	P	4.5
4	☐	100.000	110.907	256649.62	4.7382	P	8.0
5	☐	250.000	272.163	644315.15	11.6129	P	2.3
6	☐	500.000	554.569	1263541.73	23.6523	P	2.9
7	☐	1000.000	1079.846	2532840.62	46.0458	A	1.1
8	☐	2000.000	1943.119	4863141.18	82.8486	A	1.4
9	☐			8861.86	0.1549	P	1.1

$$y = 0.0426 * x + 0.0101$$

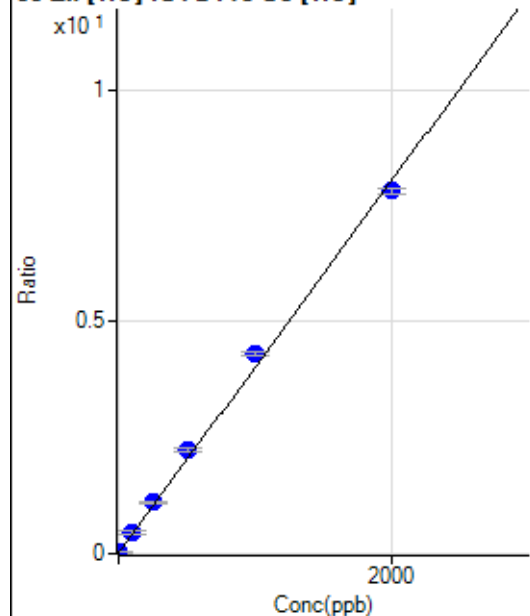
$$R = 0.9983$$

$$DL = 0.03304$$

$$BEC = 0.2371$$

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	616.69	0.0116	P	11.3
2	☐	0.200					
3	☐	2.000	4.040	1464.55	0.0278	P	1.8
4	☐	100.000	110.760	24676.65	0.4559	P	9.6
5	☐	250.000	271.033	60974.72	1.0988	P	1.2
6	☐	500.000	557.721	120134.65	2.2489	P	3.3
7	☐	1000.000	1071.308	237013.57	4.3090	P	1.6
8	☐	2000.000	1946.747	459032.27	7.8207	P	1.9
9	☐			4684.20	0.0819	P	1.8

$$y = 0.0040 * x + 0.0116$$

$$R = 0.9985$$

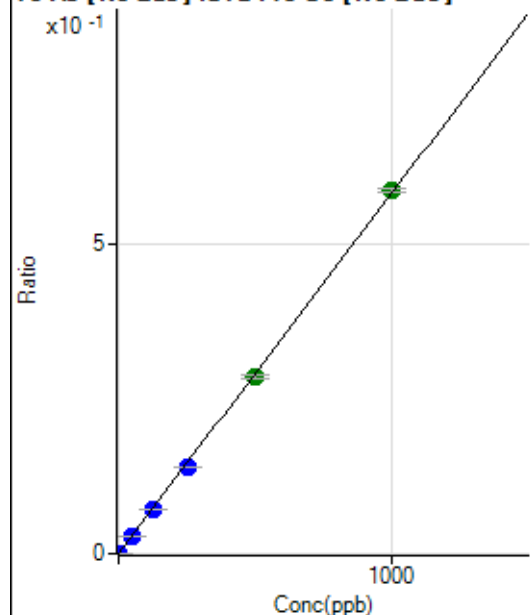
$$DL = 0.979$$

$$BEC = 2.9$$

Weight: <None>

Min Conc: 0

75 As [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	5.9
2	☐	0.100					
3	☐	1.000	0.872	2875.44	0.0005	P	5.1
4	☐	50.000	46.762	156188.51	0.0272	P	1.9
5	☐	125.000	122.482	398976.66	0.0713	P	0.4
6	☐	250.000	241.383	781752.06	0.1405	P	0.3
7	☐	500.000	491.379	1600105.49	0.2859	A	1.5
8	☐	1000.000	1006.941	3145509.14	0.5859	A	0.9
9	☐			4728.81	0.0009	P	0.7

$$y = 5.8180\text{E-}004 * x + 2.3266\text{E-}005$$

$$R = 0.9999$$

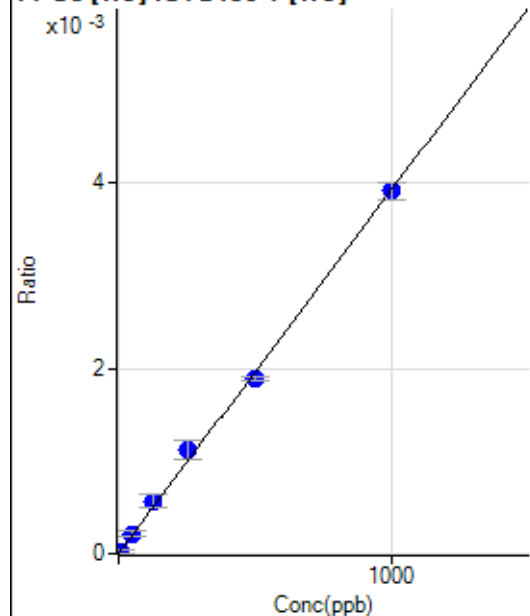
$$DL = 0.007073$$

$$BEC = 0.03999$$

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	5.387	6.67	0.0000	P	132.8
4	☐	50.000	54.968	68.89	0.0002	P	32.3
5	☐	125.000	144.089	186.67	0.0006	P	25.8
6	☐	250.000	285.723	354.46	0.0011	P	17.0
7	☐	500.000	482.235	611.13	0.0019	P	2.5
8	☐	1000.000	997.316	1333.42	0.0039	P	5.0
9	☐			0.00	0.0000	P	

$$y = 3.9246\text{E-}006 * x + 0.0000\text{E+}000$$

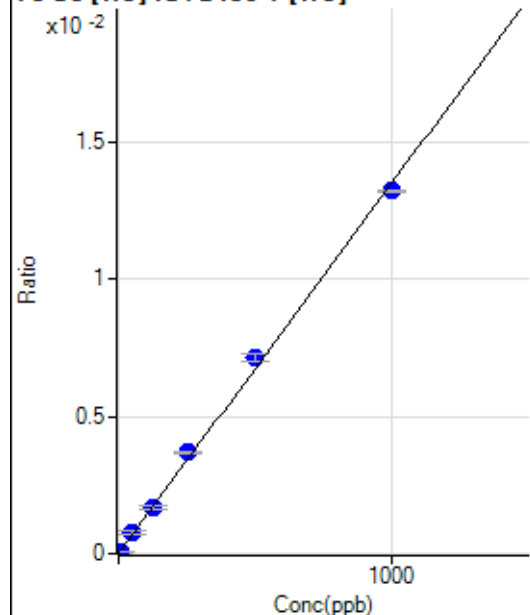
$$R = 0.9990$$

$$DL = 0$$

$$BEC = 0$$

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	3.09	0.0000	P	74.8
2	☐	0.500					
3	☐	5.000	4.273	21.60	0.0001	P	35.0
4	☐	50.000	56.687	248.15	0.0008	P	15.3
5	☐	125.000	123.288	549.40	0.0017	P	8.1
6	☐	250.000	272.265	1164.26	0.0037	P	2.8
7	☐	500.000	528.431	2300.83	0.0071	P	3.8
8	☐	1000.000	980.102	4498.30	0.0132	P	0.3
9	☐			7.41	0.0000	P	65.4

$$y = 1.3460\text{E-}005 * x + 1.0041\text{E-}005$$

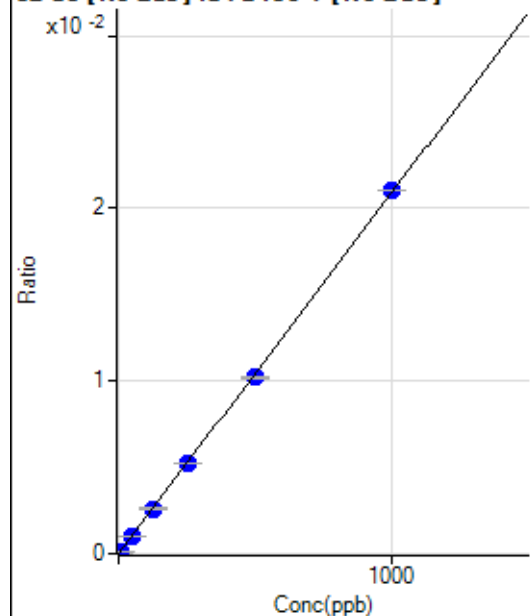
$$R = 0.9991$$

$$DL = 1.675$$

$$BEC = 0.746$$

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	-26.20	0.0000	P	-374.
2	☐	0.500					
3	☐	5.000	5.560	939.55	0.0001	P	4.2
4	☐	50.000	49.313	9017.56	0.0010	P	3.2
5	☐	125.000	125.235	22533.26	0.0026	P	0.3
6	☐	250.000	248.565	44858.42	0.0052	P	0.2
7	☐	500.000	488.670	88874.27	0.0102	P	1.6
8	☐	1000.000	1006.026	176150.86	0.0210	P	0.1
9	☐			169.67	0.0000	P	14.2

$$y = 2.0896\text{E-}005 * x - 2.9714\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.596$$

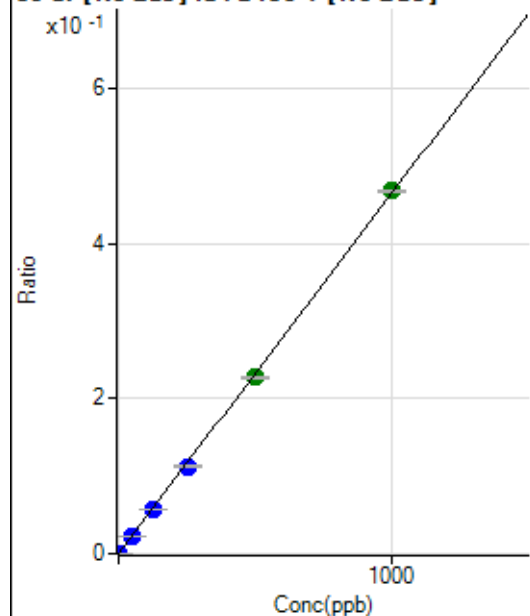
$$BEC = -0.1422$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1553.45		P	5.2
2	☐						
3	☐			1540.11		P	1.5
4	☐			1474.55		P	3.5
5	☐			1632.35		P	5.5
6	☐			1537.90		P	5.3
7	☐			1575.68		P	2.5
8	☐			1662.36		P	2.2
9	☐			1523.45		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2514.24	0.0003	P	1.9
2	☐	0.100					
3	☐	1.000	0.778	5631.98	0.0007	P	2.9
4	☐	50.000	47.193	195171.44	0.0222	P	3.9
5	☐	125.000	122.873	494779.29	0.0574	P	1.0
6	☐	250.000	242.451	976011.82	0.1129	P	0.1
7	☐	500.000	489.422	1982184.96	0.2277	A	1.2
8	☐	1000.000	1007.583	3925242.93	0.4684	A	0.8
9	☐			16849.97	0.0021	P	5.0

$$y = 4.6453\text{E-}004 * x + 3.1741\text{E-}004$$

$$R = 0.9999$$

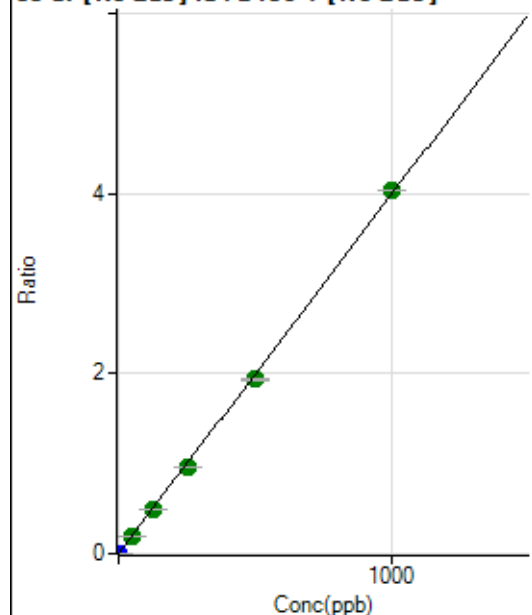
$$DL = 0.03868$$

$$BEC = 0.6833$$

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	166.67	0.0000	P	13.7
2	☐	0.100					
3	☐	1.000	0.802	26713.14	0.0032	P	3.9
4	☐	50.000	47.455	1661385.27	0.1893	A	2.5
5	☐	125.000	123.378	4241844.37	0.4921	A	0.8
6	☐	250.000	241.043	8307582.74	0.9613	A	0.9
7	☐	500.000	485.039	16841895.51	1.9345	A	1.8
8	☐	1000.000	1010.050	33759818.81	4.0283	A	0.1
9	☐			123603.25	0.0153	P	1.8

$$y = 0.0040 * x + 2.0974E-005$$

$$R = 0.9998$$

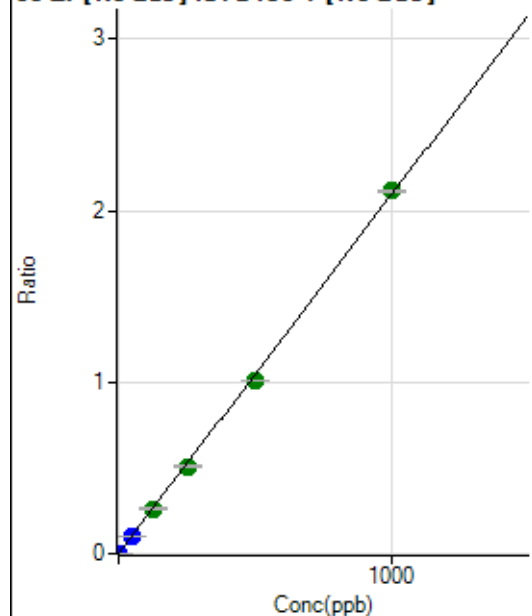
$$DL = 0.002168$$

$$BEC = 0.005259$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.93	0.0001	P	2.2
2	☐	0.100					
3	☐	1.000	0.898	16187.98	0.0020	P	2.4
4	☐	50.000	46.399	853127.55	0.0972	P	2.9
5	☐	125.000	125.048	2257078.67	0.2618	A	1.3
6	☐	250.000	243.047	4397398.19	0.5089	A	0.6
7	☐	500.000	482.921	8802526.41	1.0110	A	0.7
8	☐	1000.000	1010.452	17727858.90	2.1153	A	0.9
9	☐			5815.41	0.0007	P	8.3

$$y = 0.0021 * x + 7.1145E-005$$

$$R = 0.9998$$

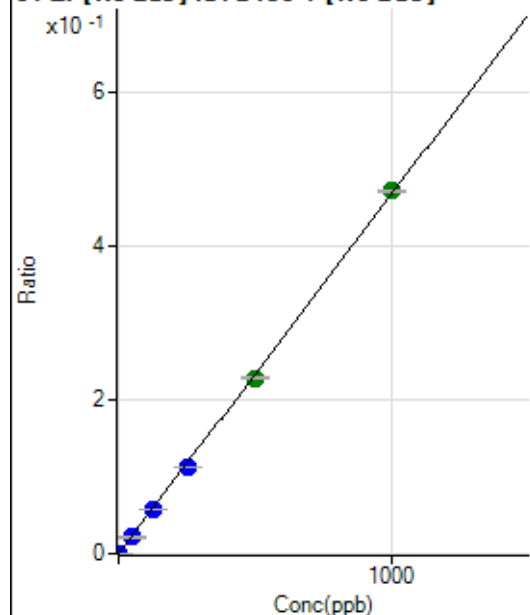
$$DL = 0.002249$$

$$BEC = 0.03399$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.79	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.882	3575.64	0.0004	P	2.6
4	☐	50.000	45.741	187559.17	0.0214	P	2.5
5	☐	125.000	121.246	488011.72	0.0566	P	0.5
6	☐	250.000	240.253	969210.75	0.1122	P	0.5
7	☐	500.000	488.128	1983718.14	0.2279	A	1.6
8	☐	1000.000	1009.055	3947206.34	0.4710	A	0.2
9	☐			1247.34	0.0002	P	5.5

$$y = 4.6674\text{E-}004 * x + 1.9197\text{E-}005$$

$$R = 0.9998$$

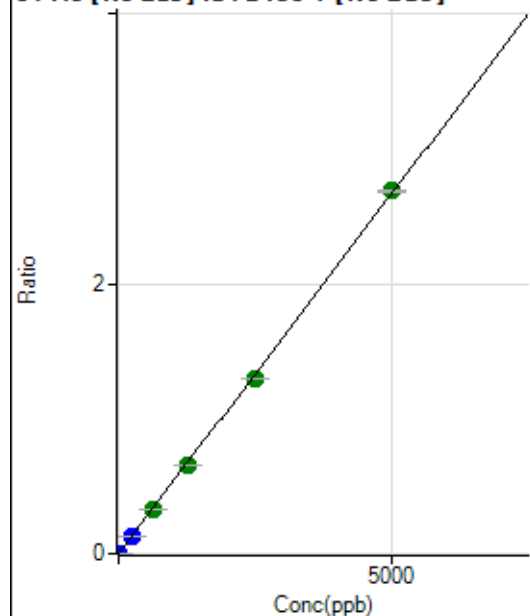
$$DL = 0.0172$$

$$BEC = 0.04113$$

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	255.57	0.0000	P	18.8
2	☐	0.500					
3	☐	5.000	4.576	20496.68	0.0025	P	4.9
4	☐	250.000	234.184	1095494.81	0.1248	P	2.9
5	☐	625.000	622.739	2860602.63	0.3319	A	1.0
6	☐	1250.000	1218.170	5609495.57	0.6491	A	0.1
7	☐	2500.000	2431.667	11281346.61	1.2957	A	0.9
8	☐	5000.000	5043.198	22521164.91	2.6873	A	0.4
9	☐			13318.18	0.0017	P	2.5

$$y = 5.3285\text{E-}004 * x + 3.2405\text{E-}005$$

$$R = 0.9998$$

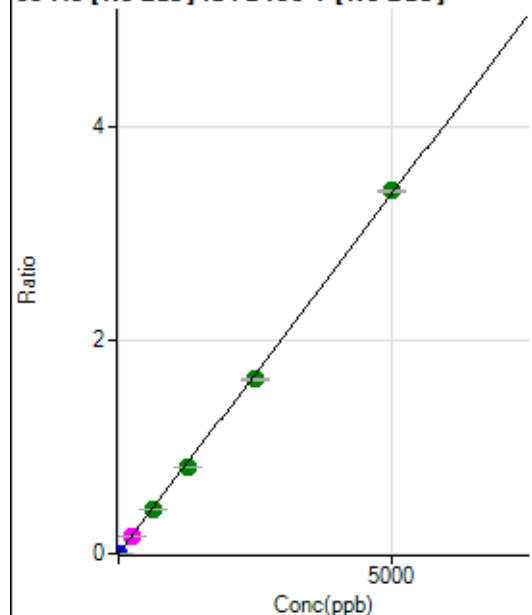
$$DL = 0.03421$$

$$BEC = 0.06081$$

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	102.78	0.0000	P	61.4
2	☐	0.500					
3	☐	5.000	4.629	25936.86	0.0031	P	3.0
4	☐	250.000	238.025	1403902.27	0.1600	M	5.1
5	☐	625.000	618.277	3582448.21	0.4156	A	1.2
6	☐	1250.000	1210.331	7030426.11	0.8136	A	1.1
7	☐	2500.000	2425.637	14195189.55	1.6304	A	1.3
8	☐	5000.000	5048.538	28439405.15	3.3935	A	0.3
9	☐			19662.42	0.0024	P	2.0

$$y = 6.7216\text{E-}004 * x + 1.3136\text{E-}005$$

$$R = 0.9998$$

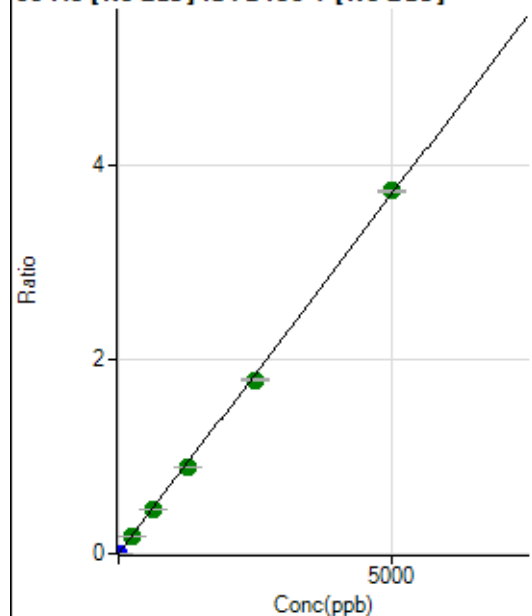
$$DL = 0.036$$

$$BEC = 0.01954$$

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	163.90	0.0000	P	13.4
2	☐	0.500					
3	☐	5.000	4.612	28450.23	0.0034	P	1.2
4	☐	250.000	237.166	1537860.85	0.1752	A	3.0
5	☐	625.000	617.200	3930390.32	0.4560	A	0.8
6	☐	1250.000	1211.723	7735404.42	0.8951	A	0.7
7	☐	2500.000	2420.748	15569290.45	1.7883	A	1.1
8	☐	5000.000	5050.812	31269159.03	3.7311	A	0.3
9	☐			24016.64	0.0030	P	3.3

$$y = 7.3871\text{E-}004 * x + 2.0642\text{E-}005$$

$$R = 0.9998$$

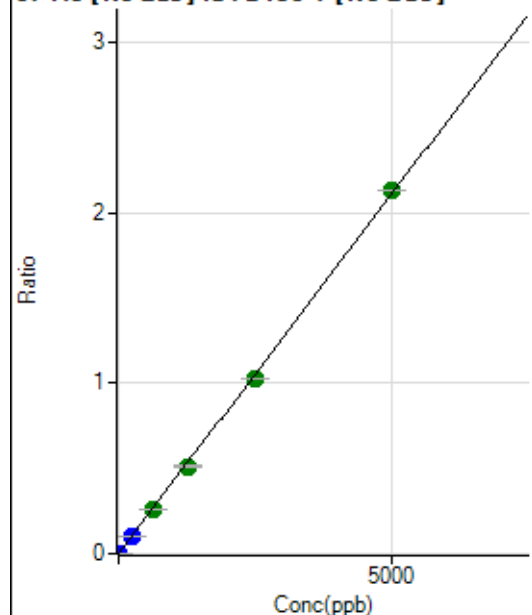
$$DL = 0.01124$$

$$BEC = 0.02794$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	11.2
2	☐	0.500					
3	☐	5.000	4.544	16046.38	0.0019	P	5.1
4	☐	250.000	231.992	860357.48	0.0980	P	2.1
5	☐	625.000	624.172	2272994.65	0.2637	A	0.9
6	☐	1250.000	1215.855	4438645.07	0.5136	A	0.8
7	☐	2500.000	2427.932	8930087.09	1.0257	A	0.6
8	☐	5000.000	5045.574	17862880.61	2.1314	A	0.1
9	☐			12172.64	0.0015	P	4.1

$$y = 4.2244\text{E-}004 * x + 1.4038\text{E-}005$$

$$R = 0.9998$$

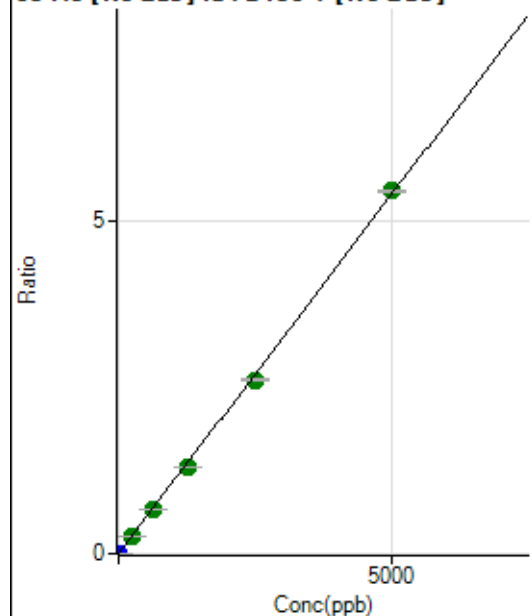
$$DL = 0.01115$$

$$BEC = 0.03323$$

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	130.57	0.0000	P	39.0
2	☐	0.500					
3	☐	5.000	4.592	41339.11	0.0050	P	2.2
4	☐	250.000	236.876	2247585.77	0.2561	A	2.6
5	☐	625.000	614.216	5723468.27	0.6640	A	0.8
6	☐	1250.000	1209.657	11299906.42	1.3076	A	0.5
7	☐	2500.000	2421.937	22794842.53	2.6181	A	0.4
8	☐	5000.000	5051.122	45759412.83	5.4601	A	0.4
9	☐			31198.15	0.0039	P	2.4

$$y = 0.0011 * x + 1.6545\text{E-}005$$

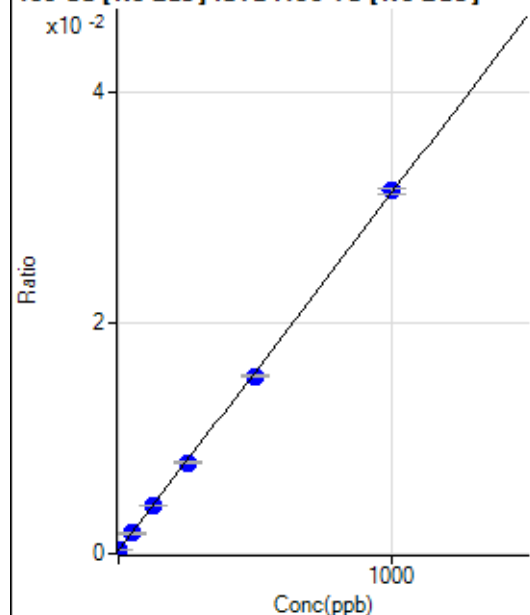
$$R = 0.9998$$

$$DL = 0.01789$$

$$BEC = 0.01531$$

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	2291.98	0.0003	P	6.5
2	☐	0.100					
3	☐	1.000	1.433	2806.00	0.0003	P	13.7
4	☐	50.000	48.652	16797.20	0.0018	P	3.9
5	☐	125.000	127.077	39832.17	0.0042	P	0.7
6	☐	250.000	246.239	75779.82	0.0079	P	2.4
7	☐	500.000	488.519	151181.84	0.0154	P	0.4
8	☐	1000.000	1006.488	295367.77	0.0315	P	1.3
9	☐			2391.99	0.0003	P	3.9

$$y = 3.1002\text{E-}005 * x + 2.7259\text{E-}004$$

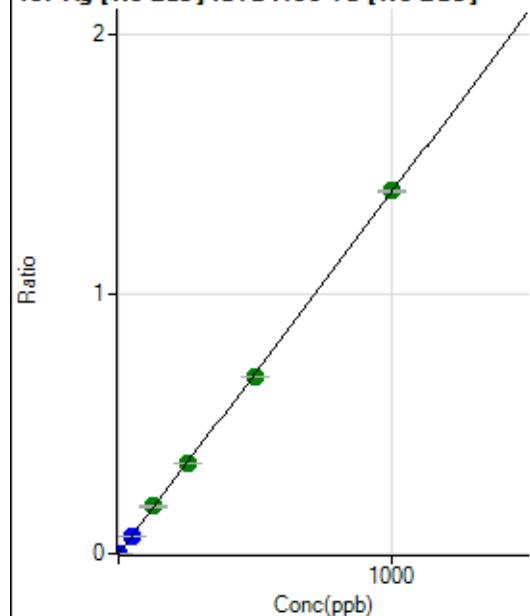
$$R = 0.9999$$

$$DL = 1.722$$

$$BEC = 8.793$$

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	122.23	0.0000	P	36.8
2	☐	0.100					
3	☐	1.000	1.156	14330.48	0.0016	P	3.9
4	☐	50.000	50.047	655796.28	0.0695	P	0.3
5	☐	125.000	130.997	1721151.82	0.1820	A	1.0
6	☐	250.000	251.839	3353787.66	0.3499	A	0.5
7	☐	500.000	489.415	6667981.40	0.6800	A	0.1
8	☐	1000.000	1004.081	13092000.81	1.3951	A	0.4
9	☐			1561.28	0.0002	P	2.3

$$y = 0.0014 * x + 1.4682\text{E-}005$$

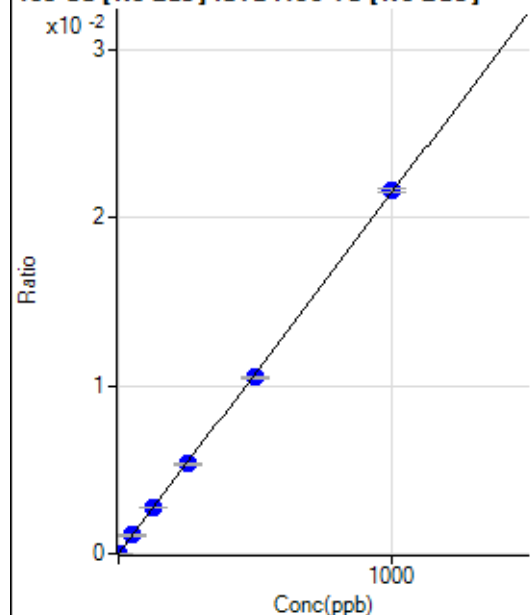
$$R = 0.9999$$

$$DL = 0.01167$$

$$BEC = 0.01057$$

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	20.83	0.0000	P	32.1
2	☐	0.100					
3	☐	1.000	1.084	227.79	0.0000	P	10.0
4	☐	50.000	51.128	10376.42	0.0011	P	2.7
5	☐	125.000	128.497	26120.13	0.0028	P	0.9
6	☐	250.000	248.751	51229.11	0.0053	P	0.9
7	☐	500.000	487.800	102753.27	0.0105	P	1.2
8	☐	1000.000	1005.918	202759.23	0.0216	P	1.0
9	☐			47.22	0.0000	P	36.5

$$y = 2.1477\text{E-}005 * x + 2.4587\text{E-}006$$

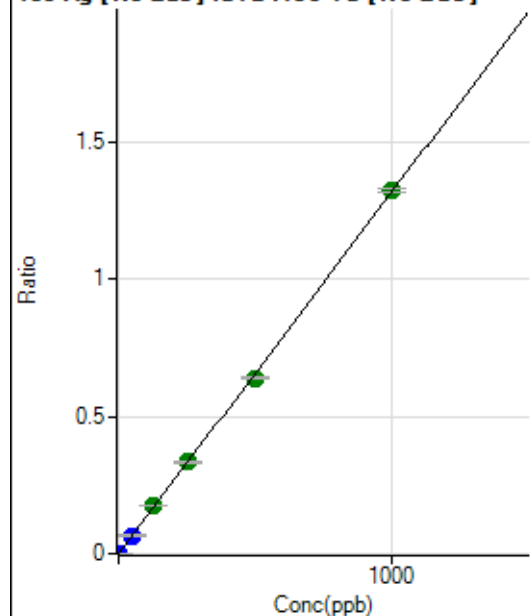
$$R = 0.9999$$

$$DL = 0.1104$$

$$BEC = 0.1145$$

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	144.45	0.0000	P	33.9
2	☐	0.100					
3	☐	1.000	1.160	13640.80	0.0015	P	6.5
4	☐	50.000	50.232	623042.83	0.0661	P	1.6
5	☐	125.000	131.151	1631429.39	0.1725	A	0.9
6	☐	250.000	254.131	3203700.73	0.3343	A	1.5
7	☐	500.000	486.826	6278822.32	0.6403	A	0.6
8	☐	1000.000	1004.774	12401113.64	1.3215	A	1.0
9	☐			1464.04	0.0002	P	7.9

$$y = 0.0013 * x + 1.7011\text{E-}005$$

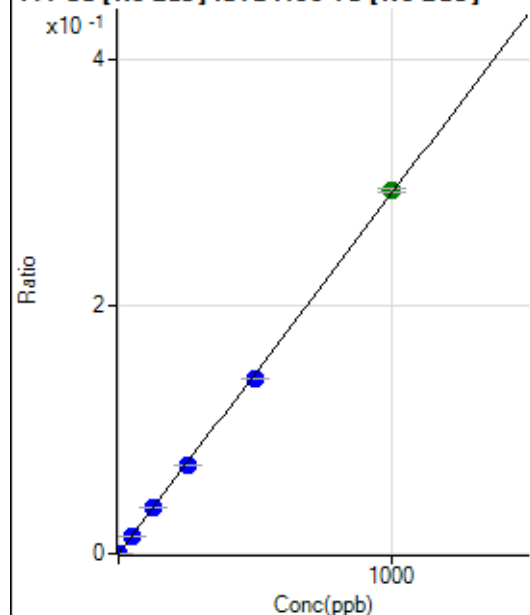
$$R = 0.9998$$

$$DL = 0.01314$$

$$BEC = 0.01293$$

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	1595.36	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	1.007	4271.69	0.0005	P	6.6
4	☐	50.000	48.897	136034.07	0.0144	P	1.9
5	☐	125.000	126.651	350542.39	0.0371	P	0.8
6	☐	250.000	247.057	691374.31	0.0721	P	0.1
7	☐	500.000	486.058	1389780.47	0.1417	P	0.6
8	☐	1000.000	1007.556	2755103.38	0.2936	A	0.9
9	☐			1858.01	0.0002	P	4.6

$$y = 2.9120\text{E-}004 * x + 1.8973\text{E-}004$$

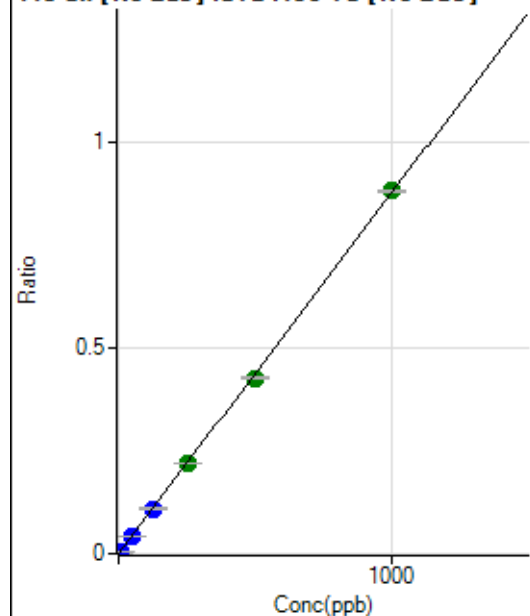
$$R = 0.9998$$

$$DL = 0.1346$$

$$BEC = 0.6515$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.37	0.0001	P	8.2
2	☐	0.500					
3	☐	5.000	5.004	39331.01	0.0044	P	4.1
4	☐	50.000	48.186	399017.69	0.0423	P	0.7
5	☐	125.000	125.058	1037582.85	0.1097	P	1.5
6	☐	250.000	249.327	2096294.99	0.2187	A	0.8
7	☐	500.000	487.520	4192942.41	0.4276	A	0.8
8	☐	1000.000	1006.492	8283775.19	0.8827	A	0.6
9	☐			6107.21	0.0007	P	6.7

$$y = 8.7697\text{E-}004 * x + 6.0498\text{E-}005$$

$$R = 0.9999$$

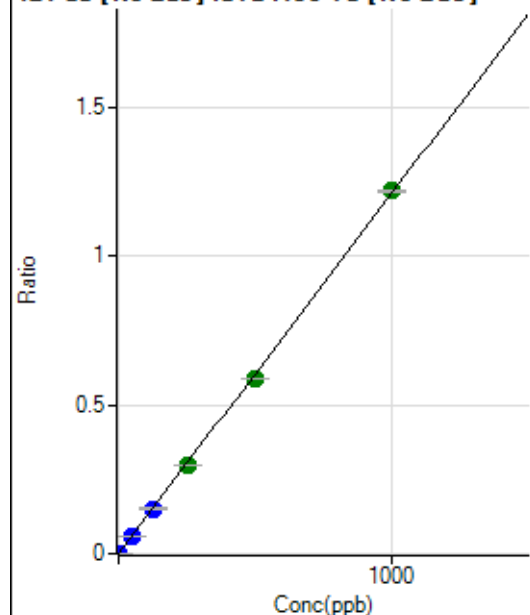
$$DL = 0.01699$$

$$BEC = 0.06899$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	8.8
2	☐	0.200					
3	☐	2.000	1.831	19748.71	0.0022	P	5.0
4	☐	50.000	48.102	549499.09	0.0583	P	1.6
5	☐	125.000	125.374	1436161.52	0.1519	P	1.4
6	☐	250.000	247.117	2869242.58	0.2994	A	0.9
7	☐	500.000	485.410	5765903.65	0.5880	A	0.5
8	☐	1000.000	1008.064	11459252.43	1.2211	A	0.9
9	☐			13421.22	0.0016	P	5.9

$$y = 0.0012 * x + 1.5479E-005$$

$$R = 0.9998$$

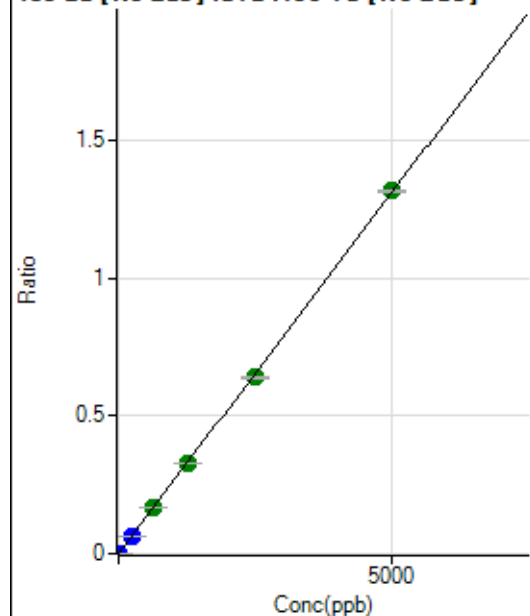
$$DL = 0.003384$$

$$BEC = 0.01278$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	93.3
2	☐	1.000					
3	☐	10.000	9.870	22937.44	0.0026	P	3.4
4	☐	250.000	240.511	594498.46	0.0631	P	1.8
5	☐	625.000	636.393	1577593.81	0.1668	A	1.2
6	☐	1250.000	1247.798	3135327.67	0.3271	A	0.7
7	☐	2500.000	2441.519	6276100.66	0.6401	A	1.0
8	☐	5000.000	5028.842	12371417.73	1.3183	A	0.7
9	☐			1677.96	0.0002	P	2.5

$$y = 2.6215E-004 * x + 6.2656E-006$$

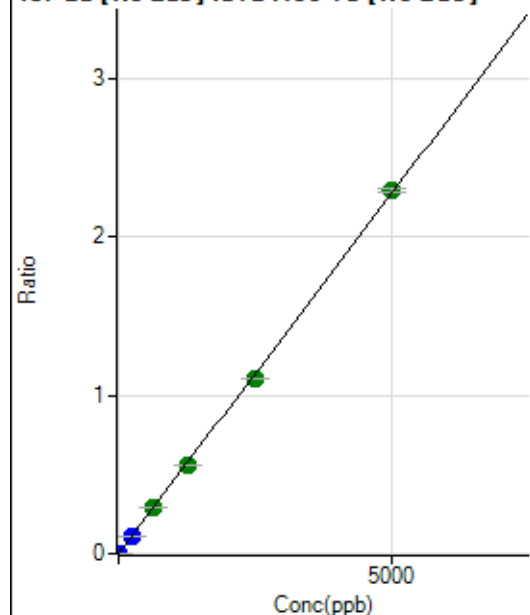
$$R = 0.9999$$

$$DL = 0.06692$$

$$BEC = 0.0239$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	49.8
2	☐	1.000					
3	☐	10.000	9.726	39117.12	0.0044	P	1.5
4	☐	250.000	241.133	1032257.02	0.1095	P	1.6
5	☐	625.000	633.065	2717915.56	0.2874	A	1.0
6	☐	1250.000	1233.533	5367915.74	0.5601	A	0.6
7	☐	2500.000	2430.304	10819612.40	1.1034	A	1.0
8	☐	5000.000	5038.400	21466413.33	2.2875	A	0.9
9	☐			2944.92	0.0003	P	2.7

$$y = 4.5402E-004 * x + 6.6979E-006$$

$$R = 0.9998$$

$$DL = 0.02203$$

$$BEC = 0.01475$$

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	0.0
4	☐			64.45		P	58.8
5	☐			104.45		P	36.3
6	☐			166.67		P	13.9
7	☐			302.24		P	6.7
8	☐			544.47		P	9.5
9	☐			182.23		P	15.2

150 Nd [He] No available calibration points

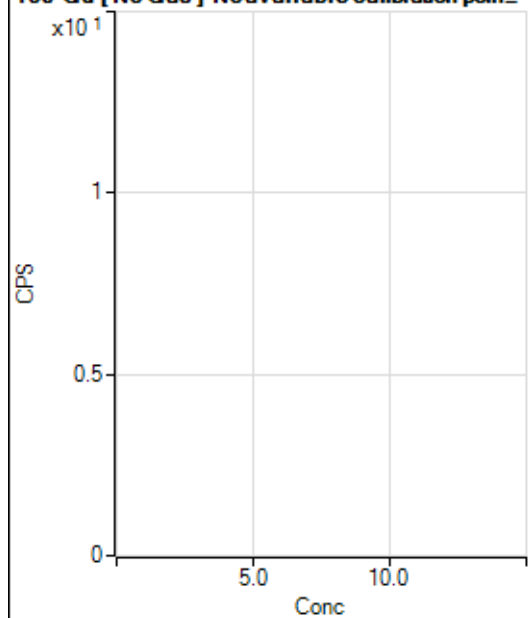
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			3.33		P	0.0
6	☐			6.67		P	0.0
7	☐			8.89		P	78.1
8	☐			15.56		P	65.5
9	☐			28.89		P	13.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			13.89		P	34.7
4	☐			38.89		P	24.7
5	☐			69.45		P	45.4
6	☐			55.56		P	52.7
7	☐			63.89		P	49.4
8	☐			119.45		P	10.7
9	☐			102.78		P	18.7

156 Dy [He] No available calibration points

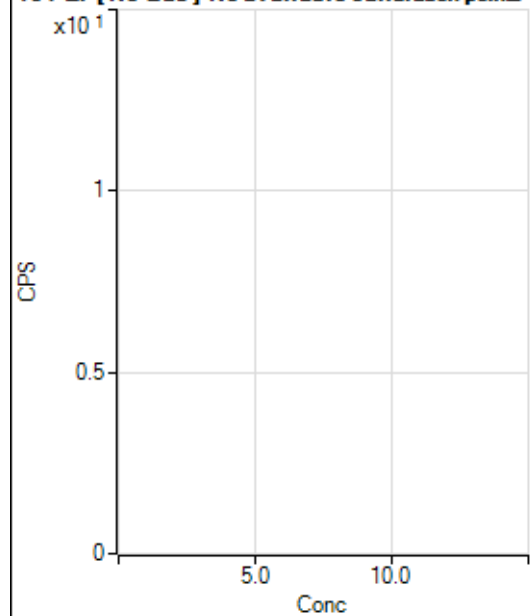
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			5.56		P	34.7
5	☐			2.22		P	86.6
6	☐			2.22		P	173.2
7	☐			3.33		P	0.0
8	☐			18.89		P	51.0
9	☐			25.56		P	32.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	22.3
2	☐						
3	☐			55.56		P	52.7
4	☐			94.45		P	13.5
5	☐			88.89		P	35.5
6	☐			88.89		P	21.7
7	☐			91.67		P	47.2
8	☐			108.34		P	20.4
9	☐			138.90		P	9.2

160 Gd [He] No available calibration points

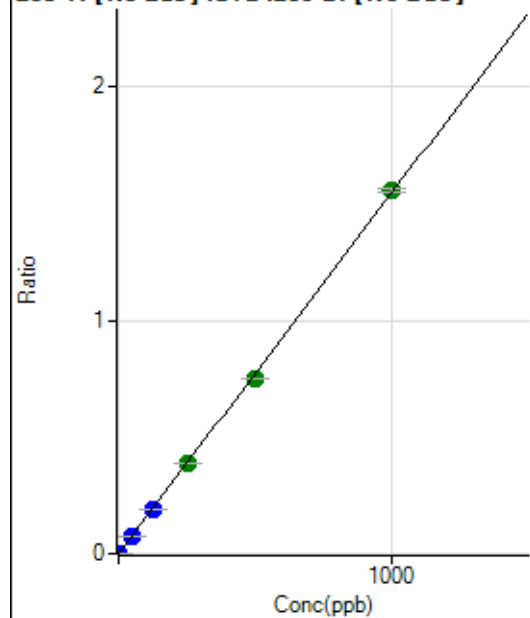
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	12.4
2	☐						
3	☐			13.33		P	25.0
4	☐			13.33		P	43.3
5	☐			8.89		P	86.6
6	☐			16.67		P	40.0
7	☐			20.00		P	28.9
8	☐			18.89		P	36.7
9	☐			35.56		P	28.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			47.22		P	50.9
4	☐			25.00		P	66.7
5	☐			63.89		P	32.8
6	☐			47.22		P	36.7
7	☐			52.78		P	48.2
8	☐			55.56		P	67.6
9	☐			38.89		P	49.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐						
3	☐			5.55		P	69.3
4	☐			7.78		P	24.7
5	☐			7.78		P	24.7
6	☐			5.56		P	34.7
7	☐			12.22		P	41.7
8	☐			6.67		P	50.0
9	☐			16.67		P	34.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	34.2
2	☐	0.100					
3	☐	1.000	0.904	7611.03	0.0014	P	3.5
4	☐	50.000	46.560	411132.83	0.0719	P	2.1
5	☐	125.000	122.719	1075410.95	0.1896	P	1.3
6	☐	250.000	250.823	2212581.49	0.3875	A	0.9
7	☐	500.000	487.047	4407229.00	0.7524	A	0.4
8	☐	1000.000	1006.728	8582265.21	1.5552	A	1.1
9	☐			1152.88	0.0002	P	4.3

$$y = 0.0015 * x + 2.4700E-005$$

$$R = 0.9999$$

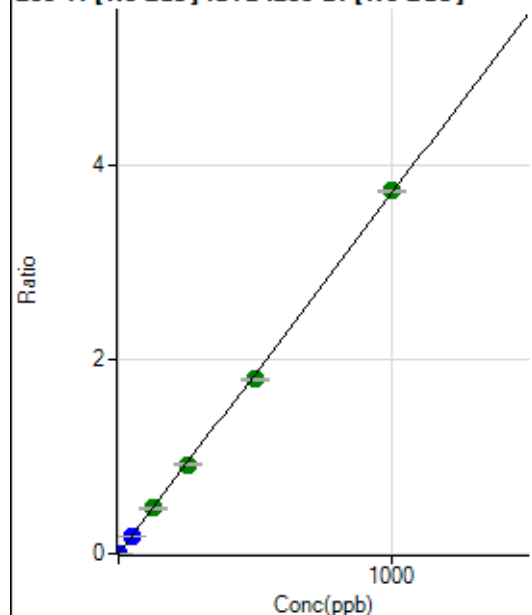
$$DL = 0.01641$$

$$BEC = 0.01599$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	344.47	0.0001	P	28.2
2	☐	0.100					
3	☐	1.000	0.916	18514.27	0.0035	P	0.2
4	☐	50.000	46.693	987085.02	0.1727	P	1.9
5	☐	125.000	126.121	2645884.05	0.4665	A	1.5
6	☐	250.000	247.324	5222802.46	0.9147	A	1.7
7	☐	500.000	485.462	10516006.83	1.7953	A	0.9
8	☐	1000.000	1007.963	20571344.39	3.7275	A	0.6
9	☐			2867.13	0.0006	P	6.6

$$y = 0.0037 * x + 6.8867E-005$$

$$R = 0.9998$$

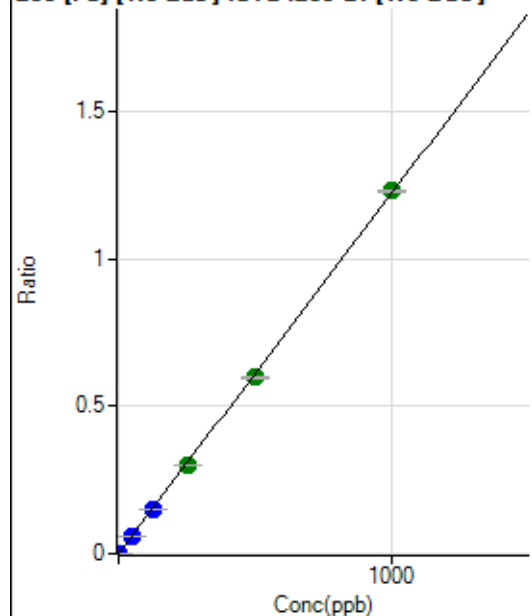
$$DL = 0.01573$$

$$BEC = 0.01862$$

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	255.57	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	0.935	6394.39	0.0012	P	2.7
4	☐	50.000	46.547	325330.36	0.0569	P	1.2
5	☐	125.000	123.547	856645.38	0.1510	P	1.3
6	☐	250.000	245.031	1710048.72	0.2995	A	1.0
7	☐	500.000	489.281	3502315.82	0.5980	A	1.8
8	☐	1000.000	1006.956	6791068.03	1.2306	A	0.7
9	☐			12905.07	0.0028	P	1.8

$$y = 0.0012 * x + 5.0704E-005$$

$$R = 0.9999$$

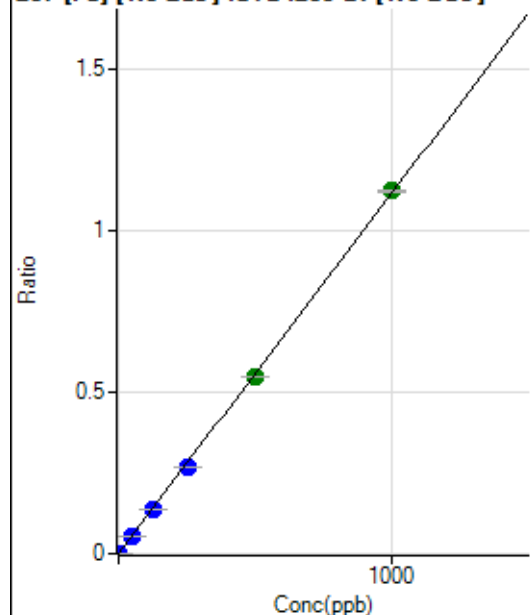
$$DL = 0.01045$$

$$BEC = 0.04149$$

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	248.16	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.885	5553.25	0.0010	P	1.4
4	☐	50.000	46.351	295840.43	0.0518	P	1.8
5	☐	125.000	122.493	775626.97	0.1367	P	1.1
6	☐	250.000	241.620	1539858.64	0.2697	P	0.4
7	☐	500.000	491.069	3210092.64	0.5480	A	1.0
8	☐	1000.000	1007.057	6202134.40	1.1238	A	0.5
9	☐			10938.37	0.0023	P	3.8

$$y = 0.0011 * x + 4.8978E-005$$

$$R = 0.9999$$

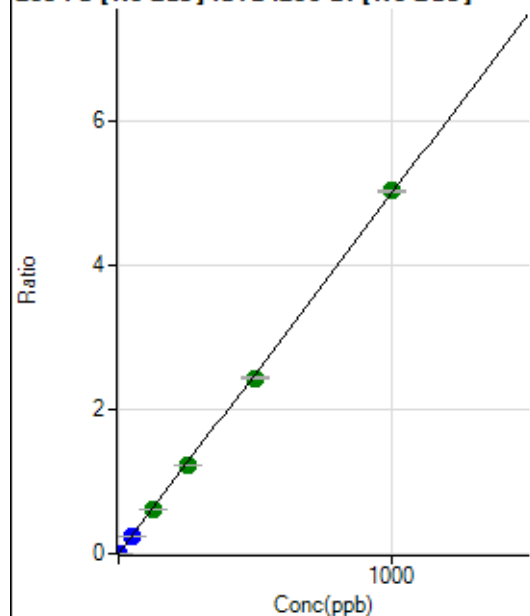
$$DL = 0.01848$$

$$BEC = 0.04389$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1053.76	0.0002	P	3.5
2	☐	0.100					
3	☐	1.000	0.891	24934.28	0.0047	P	0.9
4	☐	50.000	46.474	1325412.01	0.2319	P	1.5
5	☐	125.000	124.277	3516376.18	0.6199	A	0.8
6	☐	250.000	244.845	6972670.35	1.2211	A	0.7
7	☐	500.000	487.092	14227620.95	2.4290	A	1.4
8	☐	1000.000	1008.009	27740069.08	5.0265	A	0.6
9	☐			50805.97	0.0109	P	2.2

$$y = 0.0050 * x + 2.0842E-004$$

$$R = 0.9999$$

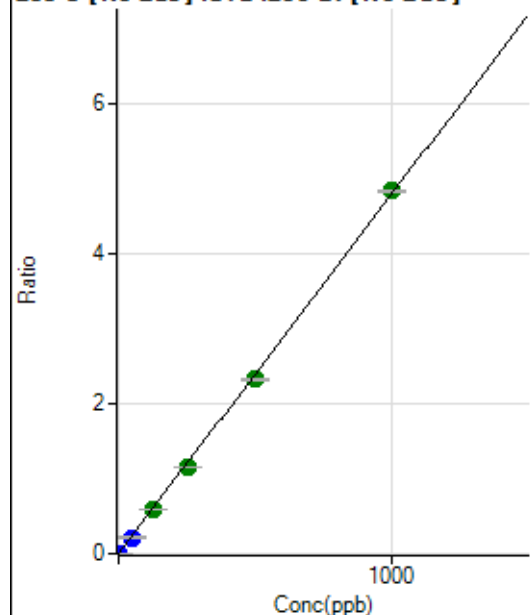
$$DL = 0.00433$$

$$BEC = 0.0418$$

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	119.45	0.0000	P	43.9
2	☐	0.100					
3	☐	1.000	0.884	22777.30	0.0043	P	1.3
4	☐	50.000	45.089	1232459.48	0.2157	P	1.8
5	☐	125.000	124.208	3369817.85	0.5941	A	1.5
6	☐	250.000	242.505	6623297.98	1.1599	A	0.5
7	☐	500.000	485.137	13592349.78	2.3204	A	0.5
8	☐	1000.000	1009.650	26651427.85	4.8291	A	0.2
9	☐			1911.35	0.0004	P	2.6

$$y = 0.0048 * x + 2.3592E-005$$

$$R = 0.9998$$

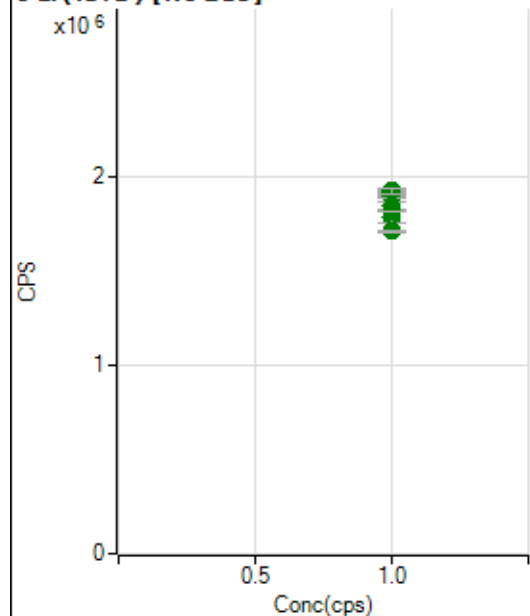
$$DL = 0.006501$$

$$BEC = 0.004933$$

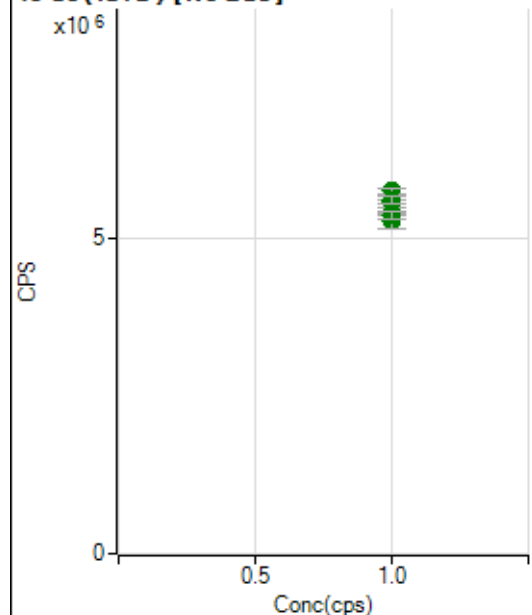
Weight: <None>

Min Conc: 0

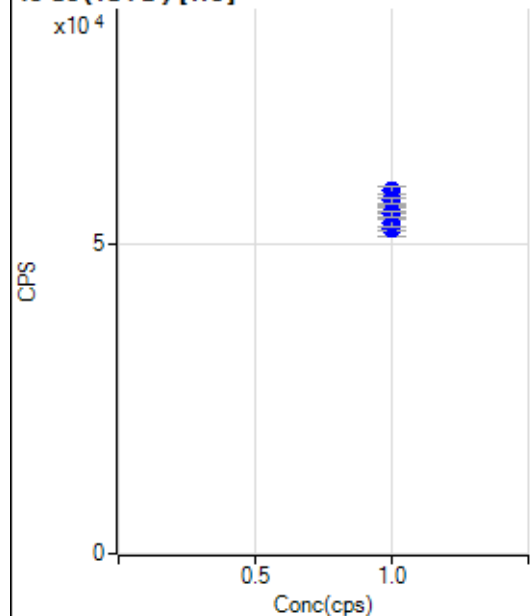
6 Li (ISTD) [No Gas]



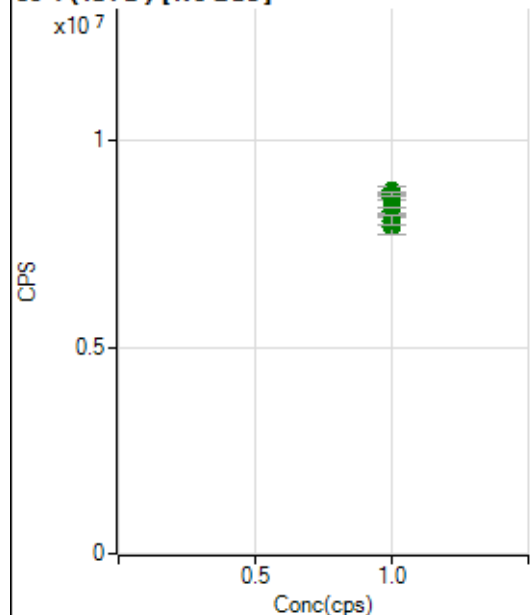
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1783864.17		A	3.4
2	☐	1.000					
3	☐	1.000		1846516.36		A	2.2
4	☐	1.000		1905153.68		A	1.0
5	☐	1.000		1918158.41		A	1.2
6	☐	1.000		1903344.16		A	1.1
7	☐	1.000		1926222.18		A	1.3
8	☐	1.000		1816898.63		A	0.5
9	☐	1.000		1711917.95		A	0.4

45 Sc (ISTD) [No Gas]

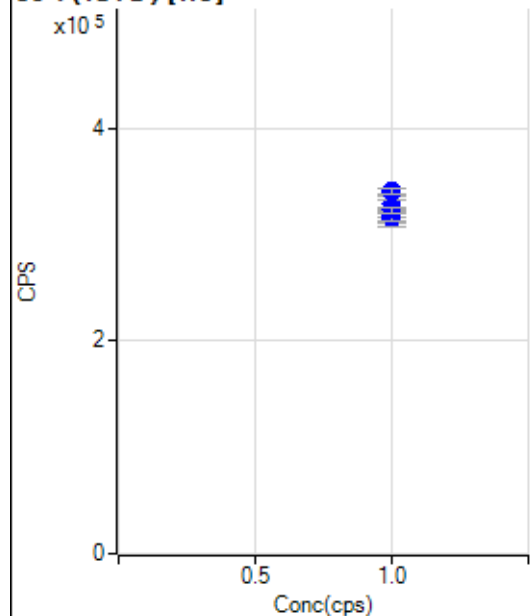
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5260683.02		A	4.7
2	☐	1.000					
3	☐	1.000		5423403.64		A	1.8
4	☐	1.000		5737101.60		A	1.5
5	☐	1.000		5596979.94		A	0.4
6	☐	1.000		5565681.94		A	0.9
7	☐	1.000		5597491.96		A	1.8
8	☐	1.000		5369136.49		A	0.4
9	☐	1.000		5349348.12		A	2.1

45 Sc (ISTD) [He]

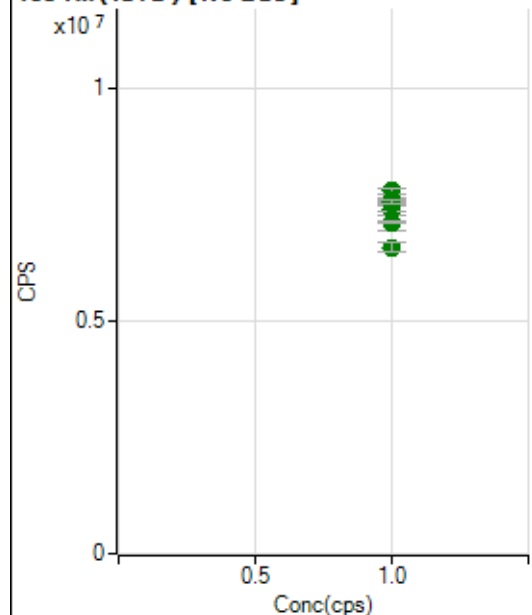
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		52926.35		P	6.0
2	☐	1.000					
3	☐	1.000		52614.84		P	1.6
4	☐	1.000		54380.56		P	7.5
5	☐	1.000		55498.79		P	2.0
6	☐	1.000		53444.66		P	2.4
7	☐	1.000		55012.86		P	1.5
8	☐	1.000		58709.10		P	2.1
9	☐	1.000		57211.57		P	1.6

89 Y (ISTD) [No Gas]

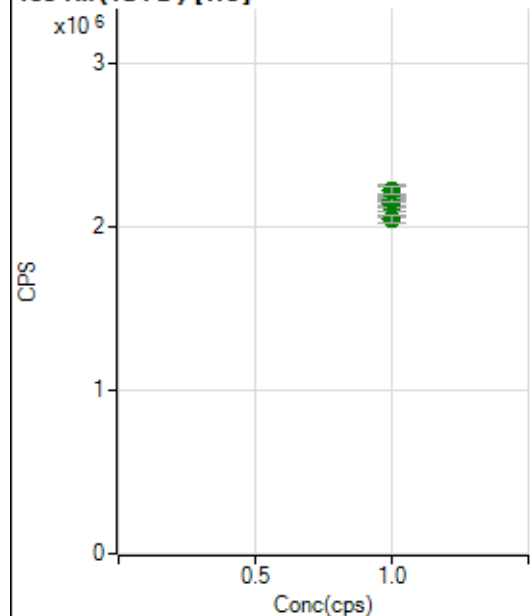
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7920390.71		A	5.2
2	☐	1.000					
3	☐	1.000		8301697.65		A	1.8
4	☐	1.000		8780321.82		A	2.1
5	☐	1.000		8620636.26		A	1.0
6	☐	1.000		8641568.00		A	0.2
7	☐	1.000		8706975.22		A	0.9
8	☐	1.000		8380646.06		A	0.1
9	☐	1.000		8068436.20		A	2.6

89 Y (ISTD) [He]

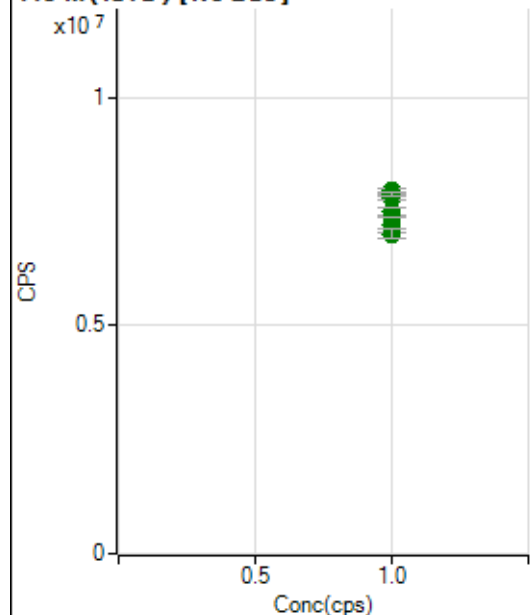
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		315391.05		P	5.5
2	☐	1.000					
3	☐	1.000		319064.49		P	1.4
4	☐	1.000		323511.00		P	7.6
5	☐	1.000		328829.44		P	2.3
6	☐	1.000		316897.30		P	2.3
7	☐	1.000		322966.07		P	1.2
8	☐	1.000		340725.80		P	1.9
9	☐	1.000		341284.57		P	1.7

103 Rh (ISTD) [No Gas]

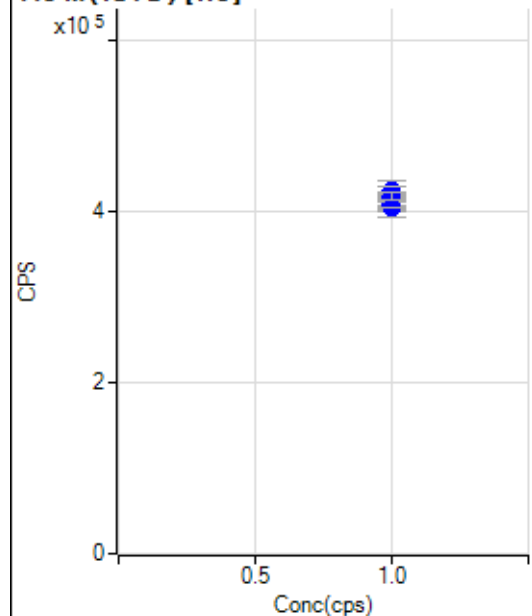
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7107805.80		A	4.5
2	☐	1.000					
3	☐	1.000		7402680.81		A	1.7
4	☐	1.000		7795586.37		A	1.9
5	☐	1.000		7604850.61		A	1.1
6	☐	1.000		7522353.12		A	0.5
7	☐	1.000		7570270.22		A	1.0
8	☐	1.000		7127465.78		A	0.7
9	☐	1.000		6585417.29		A	2.8

103 Rh (ISTD) [He]

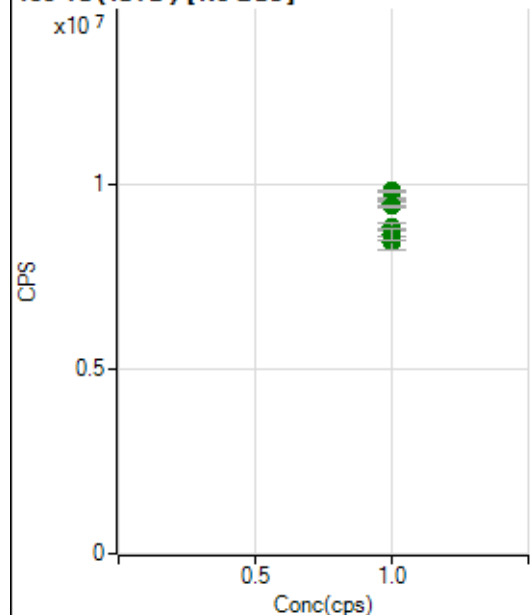
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2127085.07		A	5.5
2	☐	1.000					
3	☐	1.000		2145230.76		A	0.6
4	☐	1.000		2180821.84		A	7.7
5	☐	1.000		2223508.06		A	3.0
6	☐	1.000		2148098.79		A	2.3
7	☐	1.000		2165148.14		A	1.3
8	☐	1.000		2223773.13		A	2.3
9	☐	1.000		2052833.13		A	1.9

115 In (ISTD) [No Gas]

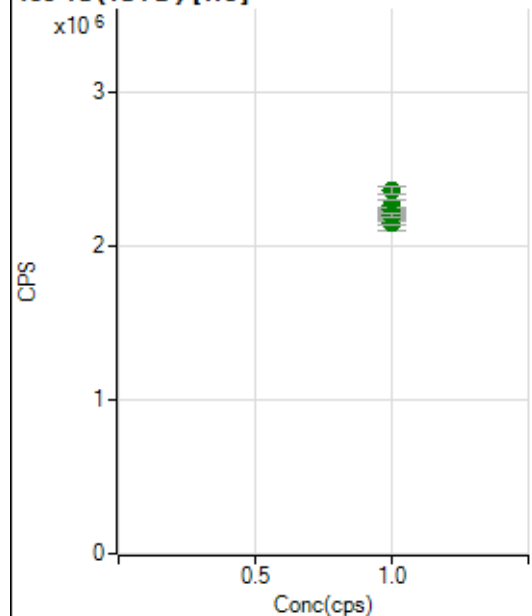
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7197492.13		A	4.5
2	☐	1.000					
3	☐	1.000		7511617.42		A	2.0
4	☐	1.000		7951865.85		A	1.6
5	☐	1.000		7855281.24		A	0.5
6	☐	1.000		7783669.26		A	1.1
7	☐	1.000		7872067.62		A	0.9
8	☐	1.000		7372635.56		A	0.4
9	☐	1.000		7013241.83		A	3.0

115 In (ISTD) [He]

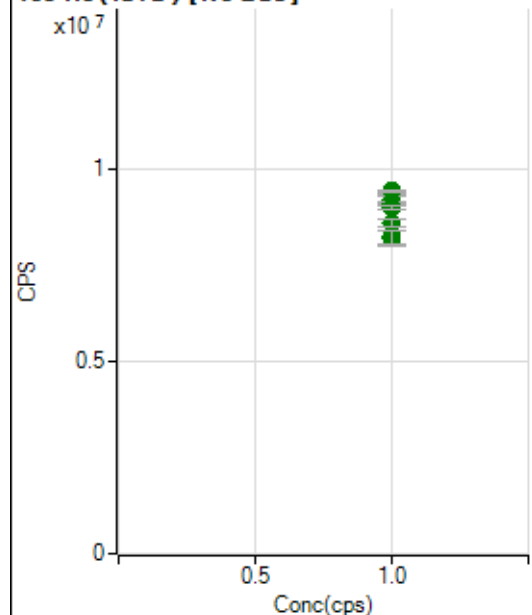
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		404543.63		P	5.4
2	☐	1.000					
3	☐	1.000		410312.27		P	1.2
4	☐	1.000		418151.56		P	8.7
5	☐	1.000		424713.75		P	2.5
6	☐	1.000		405720.77		P	1.1
7	☐	1.000		407511.36		P	1.6
8	☐	1.000		416771.03		P	2.3
9	☐	1.000		418240.92		P	2.2

159 Tb (ISTD) [No Gas]

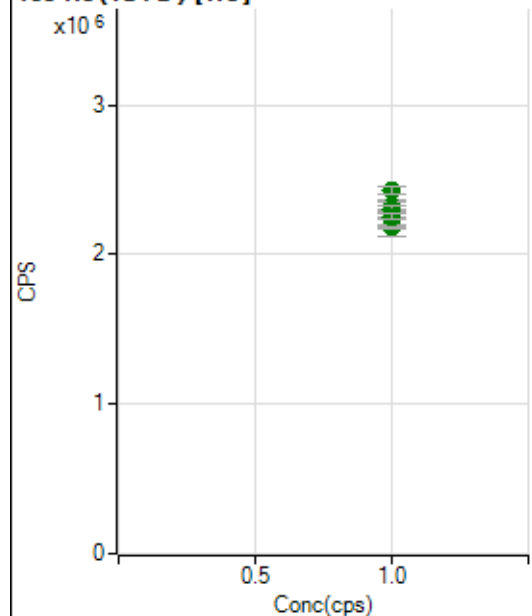
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8413328.76		A	4.4
2	☐	1.000					
3	☐	1.000		8846245.91		A	2.0
4	☐	1.000		9429559.72		A	1.3
5	☐	1.000		9456592.91		A	1.1
6	☐	1.000		9584681.45		A	0.1
7	☐	1.000		9805917.35		A	0.5
8	☐	1.000		9384667.29		A	1.0
9	☐	1.000		8611735.85		A	3.5

159 Tb (ISTD) [He]

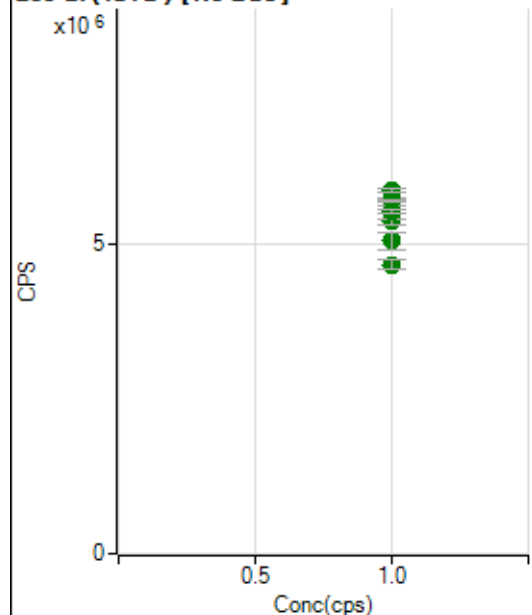
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2153057.14		A	4.8
2	☐	1.000					
3	☐	1.000		2153562.90		A	1.5
4	☐	1.000		2222971.44		A	7.4
5	☐	1.000		2267674.08		A	2.8
6	☐	1.000		2206812.81		A	3.1
7	☐	1.000		2241069.95		A	1.3
8	☐	1.000		2362212.74		A	2.1
9	☐	1.000		2205681.69		A	1.5

165 Ho (ISTD) [No Gas]

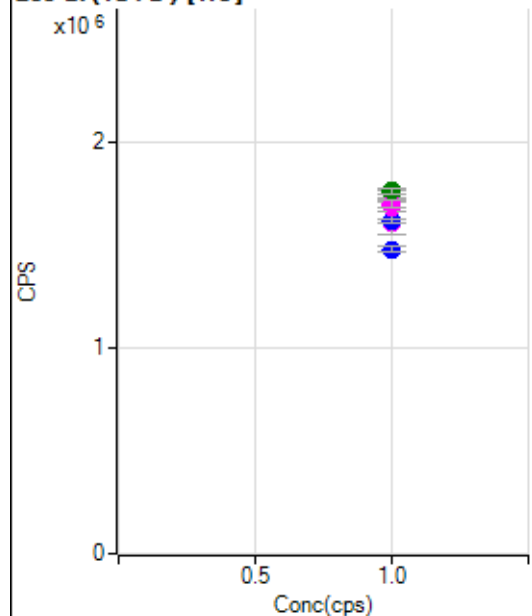
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8180825.62		A	4.6
2	☐	1.000					
3	☐	1.000		8573237.95		A	2.3
4	☐	1.000		9179586.75		A	2.1
5	☐	1.000		9078173.03		A	1.1
6	☐	1.000		9286813.49		A	0.5
7	☐	1.000		9412095.87		A	0.3
8	☐	1.000		8987556.63		A	1.1
9	☐	1.000		8215825.01		A	3.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2189316.86		A	5.9
2	☐	1.000					
3	☐	1.000		2189119.79		A	1.3
4	☐	1.000		2274763.32		A	7.7
5	☐	1.000		2323684.67		A	2.8
6	☐	1.000		2277545.18		A	2.5
7	☐	1.000		2299935.78		A	2.3
8	☐	1.000		2424076.02		A	2.1
9	☐	1.000		2250952.55		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5053748.40		A	5.5
2	☐	1.000					
3	☐	1.000		5359021.34		A	1.3
4	☐	1.000		5714861.16		A	0.9
5	☐	1.000		5673021.09		A	1.8
6	☐	1.000		5710077.07		A	0.5
7	☐	1.000		5857787.83		A	1.0
8	☐	1.000		5518953.04		A	1.0
9	☐	1.000		4666339.89		A	3.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1608722.84		M	7.0
2	☐	1.000					
3	☐	1.000		1615325.93		P	1.2
4	☐	1.000		1694620.41		M	8.4
5	☐	1.000		1751700.50		A	2.3
6	☐	1.000		1685104.64		M	3.3
7	☐	1.000		1695345.43		M	2.2
8	☐	1.000		1761543.71		A	1.9
9	☐	1.000		1479715.87		P	1.4