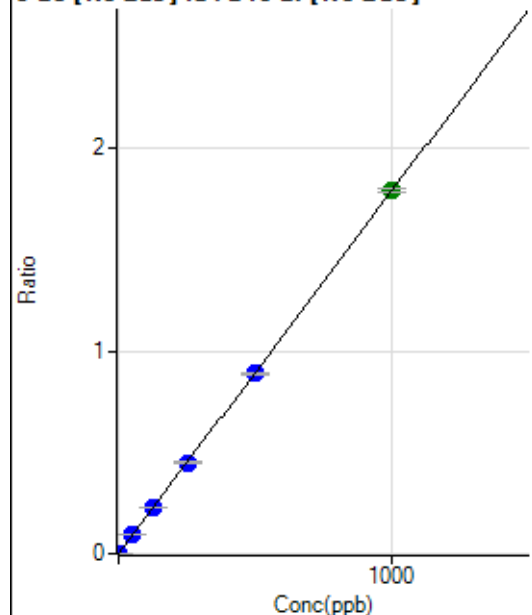


Batch Folder: D:\P8060217- MDL .b\
Analysis File: P8060217- MDL .batch.bin
DA Date-Time: 2017-06-05 12:24:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8060217- MDL .D	S00	2017-06-02 15:00:03
2			
3	006CALS P8060217- MDL .D	S02	2017-06-02 15:07:05
4	007CALS P8060217- MDL .D	S03	2017-06-02 15:10:34
5	008CALS P8060217- MDL .D	S04	2017-06-02 15:14:02
6	009CALS P8060217- MDL .D	S05	2017-06-02 15:17:26
7	010CALS P8060217- MDL .D	S06	2017-06-02 15:20:44
8	011CALS P8060217- MDL .D	S07	2017-06-02 15:23:55
9	012CALS P8060217- MDL .D	S08	2017-06-02 15:27:00

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0001	P	46.7
2	☐	0.100					
3	☐	1.000	0.871	1381.59	0.0017	P	0.6
4	☐	50.000	50.807	77480.43	0.0909	P	1.6
5	☐	125.000	125.791	192193.99	0.2250	P	1.0
6	☐	250.000	251.368	382555.72	0.4495	P	1.0
7	☐	500.000	496.680	746898.37	0.8880	P	0.5
8	☐	1000.000	1001.179	1510459.22	1.7899	A	1.1
9	☐			390.76	0.0005	P	3.8

$$y = 0.0018 * x + 9.7219E-005$$

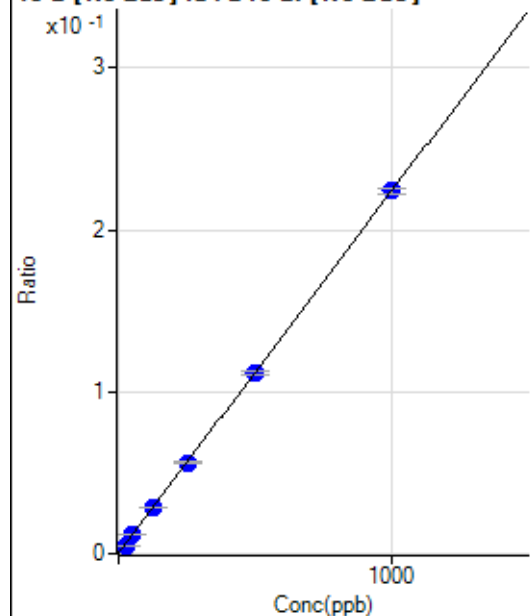
$$R = 1.0000$$

$$DL = 0.07611$$

$$BEC = 0.05438$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302.80	0.0004	P	15.2
2	☐	2.500					
3	☐	25.000	21.287	4267.49	0.0051	P	3.1
4	☐	50.000	51.057	10020.55	0.0118	P	2.5
5	☐	125.000	125.056	24165.67	0.0283	P	1.5
6	☐	250.000	250.241	47875.13	0.0563	P	2.2
7	☐	500.000	497.421	93744.51	0.1115	P	2.8
8	☐	1000.000	1001.262	189054.20	0.2240	P	1.4
9	☐			5542.98	0.0067	P	14.1

$$y = 2.2338E-004 * x + 3.5330E-004$$

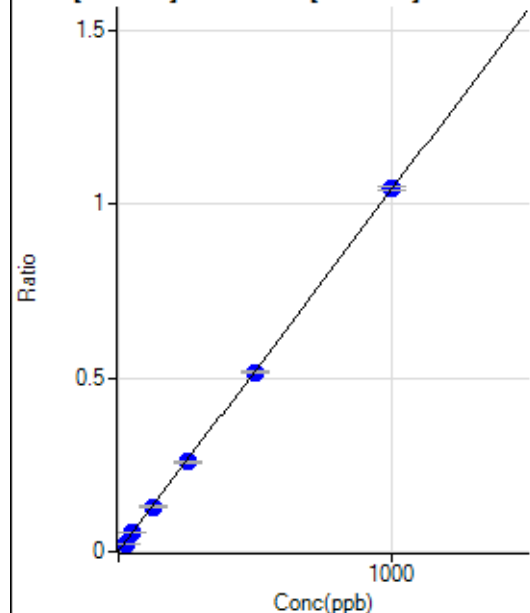
$$R = 1.0000$$

$$DL = 0.7215$$

$$BEC = 1.582$$

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	1586.27	0.0019	P	9.9
2	☐	2.500					
3	☐	25.000	21.001	19761.62	0.0237	P	1.0
4	☐	50.000	49.546	45414.83	0.0533	P	2.3
5	☐	125.000	123.238	110898.43	0.1298	P	1.5
6	☐	250.000	247.713	220494.05	0.2591	P	1.6
7	☐	500.000	496.078	434792.52	0.5170	P	0.8
8	☐	1000.000	1002.876	880357.62	1.0432	P	1.0
9	☐			24168.48	0.0291	P	6.7

$$y = 0.0010 * x + 0.0019$$

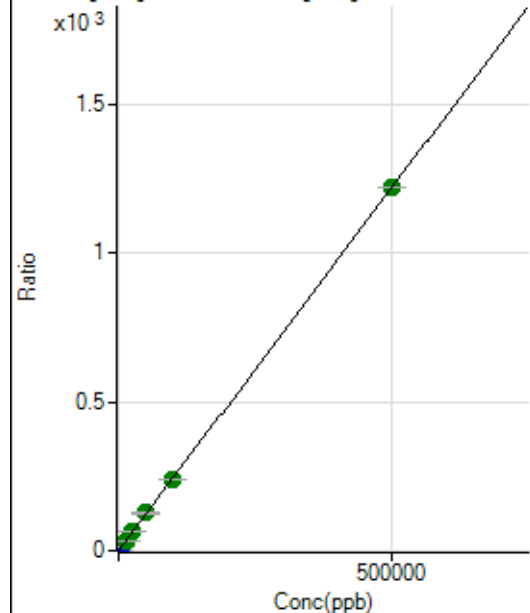
$$R = 1.0000$$

$$DL = 0.5307$$

$$BEC = 1.782$$

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	5604.12	0.0962	P	3.6
2	☐	50.000					
3	☐	500.000	458.685	70014.05	1.2146	P	0.4
4	☐	5000.000	5147.895	746715.69	12.6483	P	0.9
5	☐	12500.000	13141.610	1895020.14	32.1392	A	0.3
6	☐	25000.000	25617.323	3676694.13	62.5585	A	0.5
7	☐	50000.000	51685.541	7238111.01	126.1202	A	6.0
8	☐	100000.00	98009.716	14349240.25	239.0716	A	1.3
9	☐	500000.00	500181.15	71417912.71	1,219.679	A	0.0

$$y = 0.0024 * x + 0.0962$$

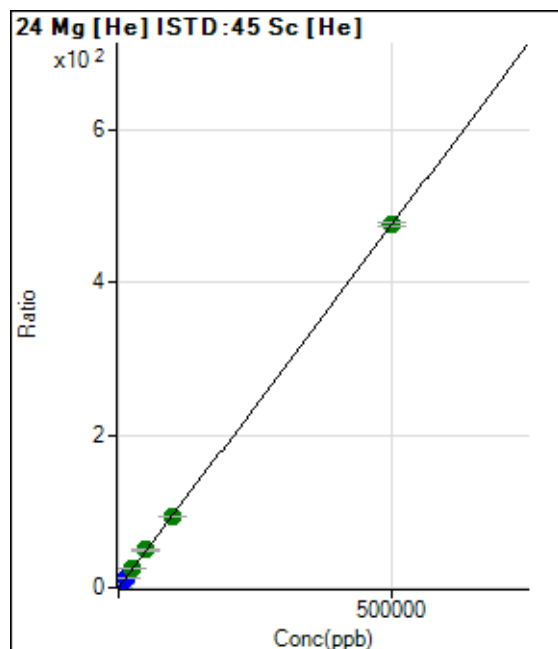
$$R = 1.0000$$

$$DL = 4.251$$

$$BEC = 39.47$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0017	P	8.8
2	☐	50.000					
3	☐	500.000	448.032	24655.61	0.4278	P	2.3
4	☐	5000.000	5206.116	292391.62	4.9527	P	0.7
5	☐	12500.000	12983.626	728127.14	12.3490	P	0.4
6	☐	25000.000	26078.553	1457662.08	24.8021	A	1.1
7	☐	50000.000	52300.330	2854704.01	49.7387	A	5.9
8	☐	100000.00	97839.386	5584440.19	93.0459	A	1.8
9	☐	500000.00	500134.06	27849643.68	475.6236	A	1.1

$$y = 9.5099\text{E-}004 * x + 0.0017$$

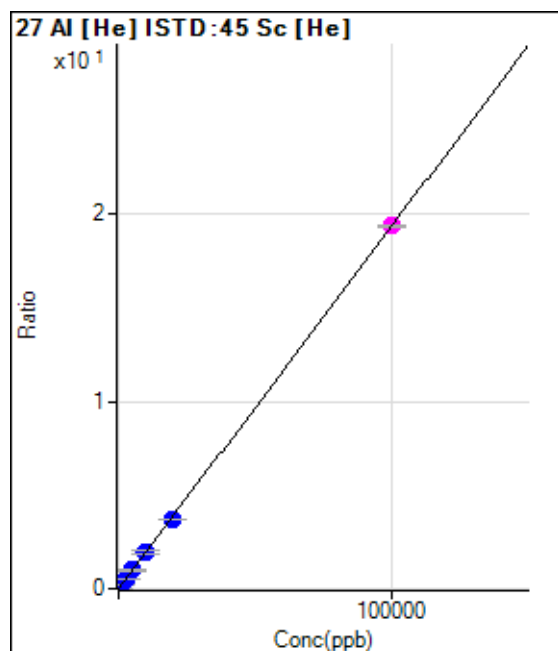
$$R = 1.0000$$

$$DL = 0.4759$$

$$BEC = 1.807$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0007	P	40.5
2	☐	2.000					
3	☐	20.000	18.703	250.02	0.0043	P	9.2
4	☐	1000.000	1032.954	11852.73	0.2008	P	2.5
5	☐	2500.000	2487.193	28443.35	0.4824	P	0.4
6	☐	5000.000	5046.649	57481.38	0.9781	P	2.3
7	☐	10000.000	10083.832	112126.72	1.9536	P	5.8
8	☐	20000.000	19142.797	222563.50	3.7080	P	0.7
9	☐	100000.00	100160.71	1135846.96	19.3981	M	0.6

$$y = 1.9366\text{E-}004 * x + 7.1656\text{E-}004$$

$$R = 1.0000$$

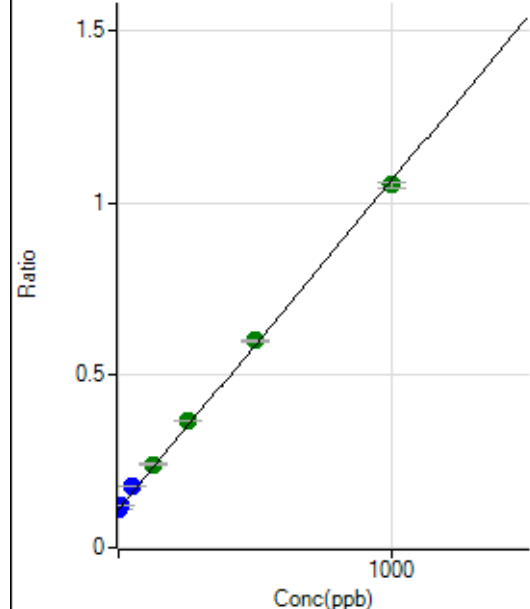
$$DL = 4.491$$

$$BEC = 3.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	468814.36	0.1109	P	1.4
2	☐	1.000					
3	☐	10.000	13.055	509815.14	0.1233	P	0.5
4	☐	50.000	69.680	749144.79	0.1773	P	1.0
5	☐	125.000	136.217	1011674.18	0.2407	A	2.1
6	☐	250.000	267.398	1541097.94	0.3657	A	0.1
7	☐	500.000	513.077	2554715.92	0.5998	A	0.8
8	☐	1000.000	986.695	4522004.70	1.0511	A	1.5
9	☐			529017.37	0.1257	P	0.7

$$y = 9.5291\text{E-}004 * x + 0.1109$$

$$R = 0.9996$$

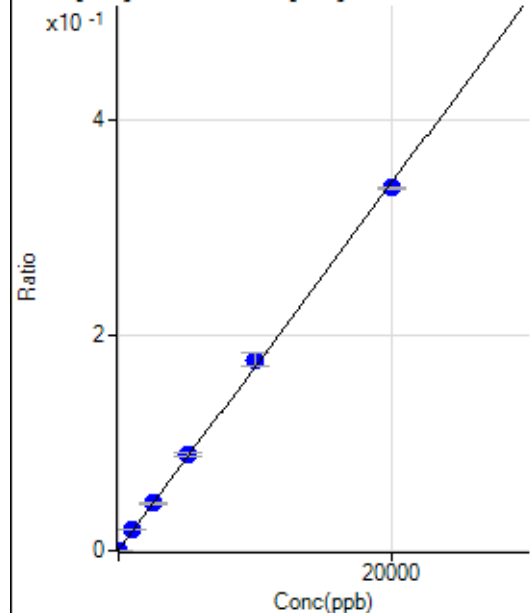
$$DL = 4.771$$

$$BEC = 116.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	5.506	27.78	0.0005	P	76.0
2	☐	0.000					
3	☐	0.000	-5.506	16.67	0.0003	P	51.0
4	☐	1000.000	1105.640	1136.21	0.0192	P	5.0
5	☐	2500.000	2563.061	2600.37	0.0441	P	2.3
6	☐	5000.000	5229.552	5265.15	0.0896	P	4.2
7	☐	10000.000	10391.207	10192.99	0.1776	P	6.5
8	☐	20000.000	19733.844	20228.96	0.3370	P	0.7
9	☐			30.56	0.0005	P	68.8

$$y = 1.7058\text{E-}005 * x + 3.8429\text{E-}004$$

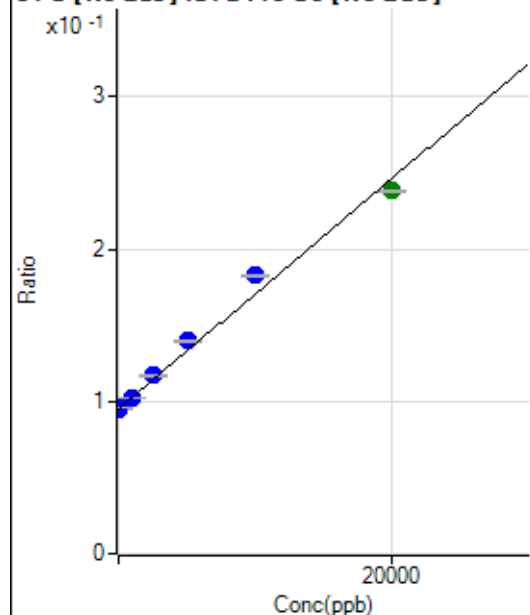
$$R = 0.9996$$

$$DL = 44.98$$

$$BEC = 22.53$$

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	-52.283	400985.04	0.0948	P	0.8
2	☐	0.000					
3	☐	0.000	52.283	395288.25	0.0956	P	0.2
4	☐	1000.000	942.737	432487.49	0.1023	P	0.4
5	☐	2500.000	2872.556	491408.20	0.1169	P	0.4
6	☐	5000.000	5888.710	588640.41	0.1397	P	0.5
7	☐	10000.000	11591.211	778293.69	0.1827	P	0.4
8	☐	20000.000	18938.511	1024749.34	0.2382	A	0.7
9	☐			399713.03	0.0950	P	0.4

$$y = 7.5490\text{E-}006 * x + 0.0952$$

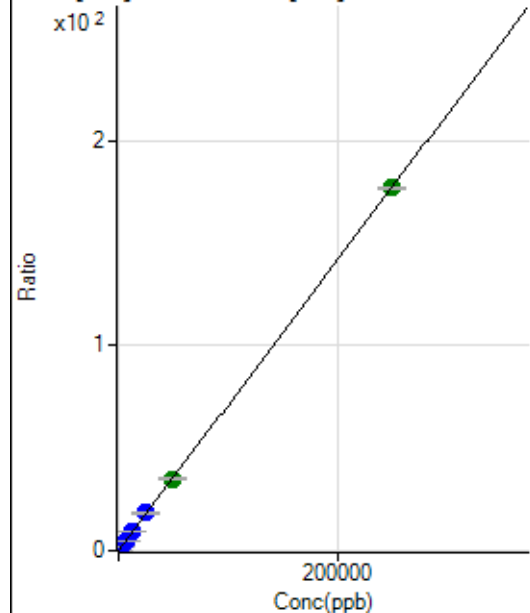
$$R = 0.9936$$

$$DL = 192.6$$

$$BEC = 1.261\text{E}+04$$

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	5251.23	0.0902	P	0.7
2	☐	50.000					
3	☐	500.000	440.368	23153.22	0.4017	P	1.8
4	☐	2500.000	2547.577	111709.87	1.8922	P	1.4
5	☐	6250.000	6432.656	273599.36	4.6403	P	1.2
6	☐	12500.000	12638.410	530707.49	9.0299	P	0.6
7	☐	25000.000	25768.746	1051258.04	18.3176	P	6.0
8	☐	50000.000	49286.505	2097785.05	34.9529	A	1.9
9	☐	250000.00	250053.98	10362113.68	176.9651	A	0.8

$$y = 7.0735\text{E-}004 * x + 0.0902$$

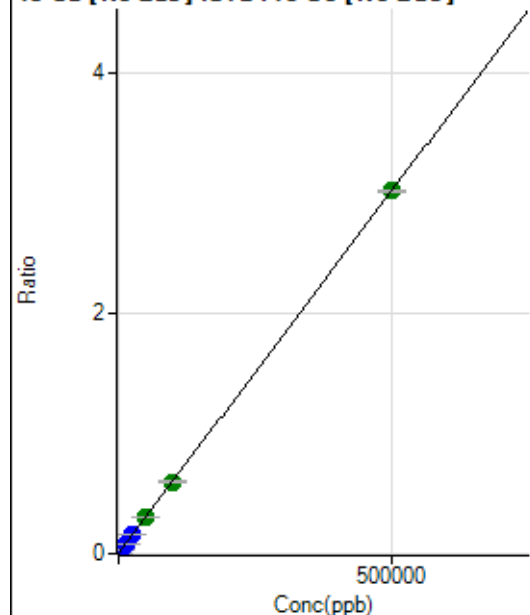
$$R = 1.0000$$

$$DL = 2.573$$

$$BEC = 127.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10804.64	0.0026	P	0.9
2	☐	50.000					
3	☐	500.000	434.478	21403.32	0.0052	P	1.2
4	☐	5000.000	5022.618	138923.29	0.0329	P	0.5
5	☐	12500.000	12699.722	332972.80	0.0792	P	0.9
6	☐	25000.000	25263.458	653451.11	0.1551	P	0.4
7	☐	50000.000	50030.354	1297195.80	0.3046	A	0.7
8	☐	100000.00	98860.081	2578407.24	0.5993	A	0.7
9	☐	500000.00	500206.62	12716879.37	3.0220	A	0.6

$$y = 6.0364\text{E-}006 * x + 0.0026$$

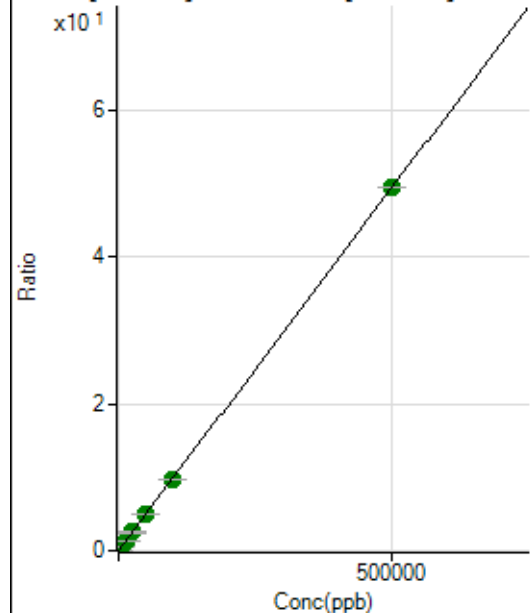
R = 1.0000

DL = 12.04

BEC = 423.2

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	99008.94	0.0234	P	0.8
2	☐	50.000					
3	☐	500.000	430.383	272123.83	0.0658	P	1.2
4	☐	5000.000	5098.992	2222501.20	0.5259	A	0.6
5	☐	12500.000	12605.126	5319935.58	1.2657	A	1.0
6	☐	25000.000	25073.834	10512200.23	2.4944	A	0.8
7	☐	50000.000	49170.342	20739590.22	4.8692	A	0.8
8	☐	100000.00	97670.497	41511660.65	9.6488	A	0.6
9	☐	500000.00	500541.62	207679721.3	49.3518	A	0.1

$$y = 9.8550\text{E-}005 * x + 0.0234$$

R = 1.0000

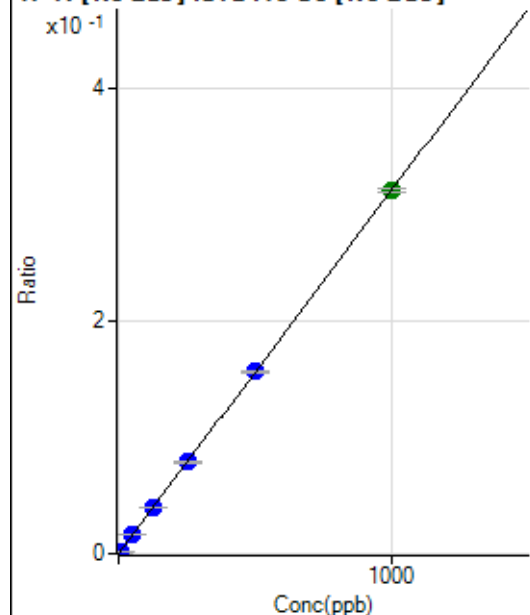
DL = 5.725

BEC = 237.6

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	233.34	0.0001	P	11.9
2	☐	0.500					
3	☐	5.000	4.426	5940.42	0.0014	P	5.9
4	☐	50.000	50.837	67303.88	0.0159	P	2.5
5	☐	125.000	127.241	167222.05	0.0398	P	1.6
6	☐	250.000	251.888	331657.54	0.0787	P	1.0
7	☐	500.000	501.057	666556.39	0.1565	P	0.6
8	☐	1000.000	998.680	1341681.57	0.3119	A	1.2
9	☐			3091.67	0.0007	P	85.1

$$y = 3.1222\text{E-}004 * x + 5.5233\text{E-}005$$

$$R = 1.0000$$

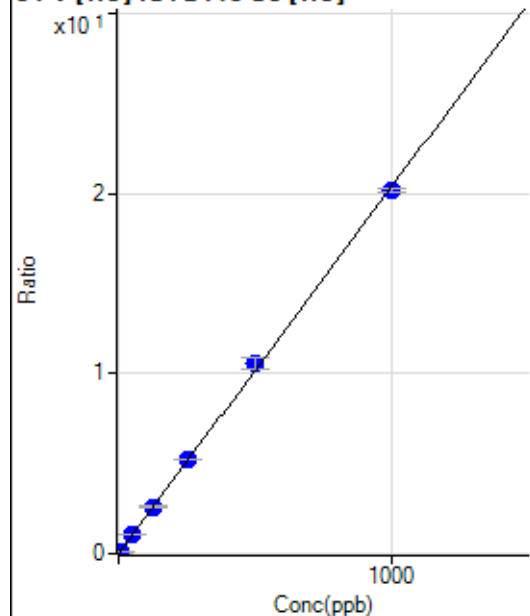
$$DL = 0.06302$$

$$BEC = 0.1769$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0003	P	43.8
2	☐	0.500					
3	☐	5.000	4.423	5217.74	0.0905	P	3.2
4	☐	50.000	50.429	60700.97	1.0282	P	1.5
5	☐	125.000	127.985	153826.83	2.6090	P	1.1
6	☐	250.000	255.974	306650.91	5.2177	P	0.9
7	☐	500.000	518.076	606067.03	10.5599	P	5.9
8	☐	1000.000	989.077	1210023.89	20.1599	P	1.1
9	☐			608.92	0.0104	P	4.7

$$y = 0.0204 * x + 3.4328\text{E-}004$$

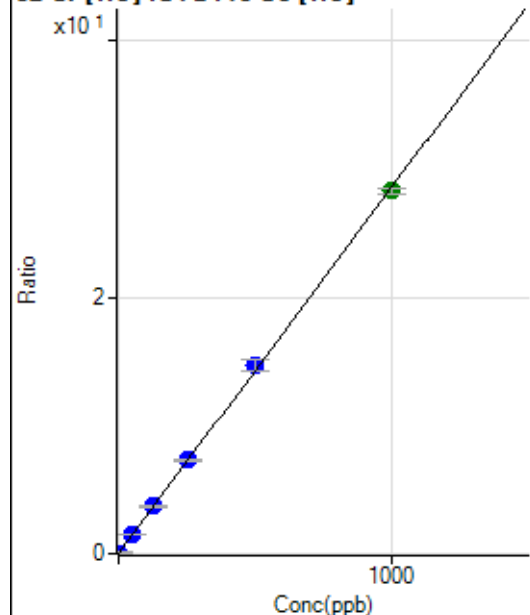
$$R = 0.9997$$

$$DL = 0.02211$$

$$BEC = 0.01684$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1101.18	0.0189	P	3.8
2	☐	0.200					
3	☐	2.000	1.921	4247.38	0.0737	P	3.9
4	☐	50.000	51.475	87785.23	1.4869	P	0.3
5	☐	125.000	128.159	216619.90	3.6739	P	0.5
6	☐	250.000	255.122	428725.34	7.2947	P	0.9
7	☐	500.000	514.770	843643.52	14.6997	P	6.0
8	☐	1000.000	990.866	1697255.27	28.2774	A	1.4
9	☐			40267.87	0.6877	P	0.5

$$y = 0.0285 * x + 0.0189$$

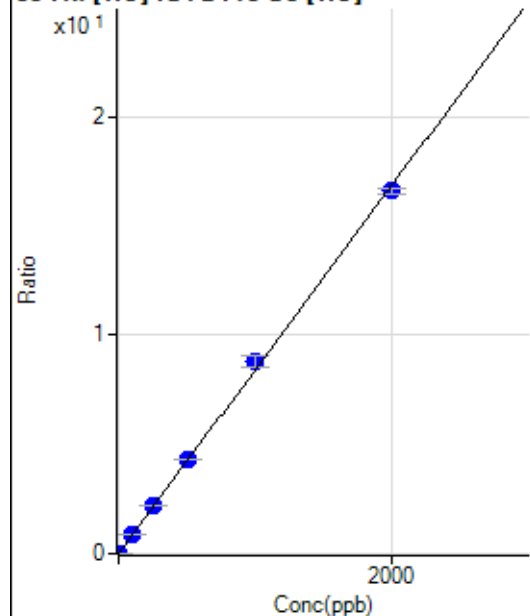
$$R = 0.9998$$

$$DL = 0.07513$$

$$BEC = 0.6633$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0015	P	5.2
2	☐	0.100					
3	☐	1.000	0.896	523.36	0.0091	P	8.5
4	☐	100.000	102.802	51202.61	0.8673	P	1.0
5	☐	250.000	257.279	127840.36	2.1682	P	1.0
6	☐	500.000	515.112	255045.55	4.3396	P	0.6
7	☐	1000.000	1045.160	505249.03	8.8034	P	5.9
8	☐	2000.000	1972.592	997167.38	16.6138	P	1.4
9	☐			4131.80	0.0706	P	0.8

$$y = 0.0084 * x + 0.0015$$

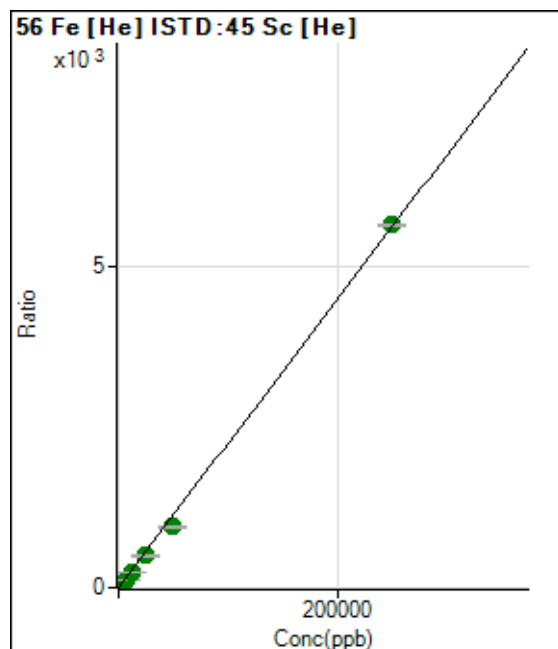
$$R = 0.9996$$

$$DL = 0.02837$$

$$BEC = 0.1813$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4069.23	0.0699	P	1.8
2	☐	5.000					
3	☐	50.000	38.811	54159.49	0.9396	P	0.5
4	☐	2500.000	2260.081	2994067.28	50.7152	A	0.8
5	☐	6250.000	5577.911	7373874.82	125.0631	A	0.9
6	☐	12500.000	11068.414	14581221.74	248.0976	A	0.5
7	☐	25000.000	22379.189	28778806.66	501.5563	A	6.6
8	☐	50000.000	42125.719	56661771.18	944.0485	A	1.4
9	☐	250000.00	251927.72	330562333.3	5,645.418	A	0.8

$$y = 0.0224 * x + 0.0699$$

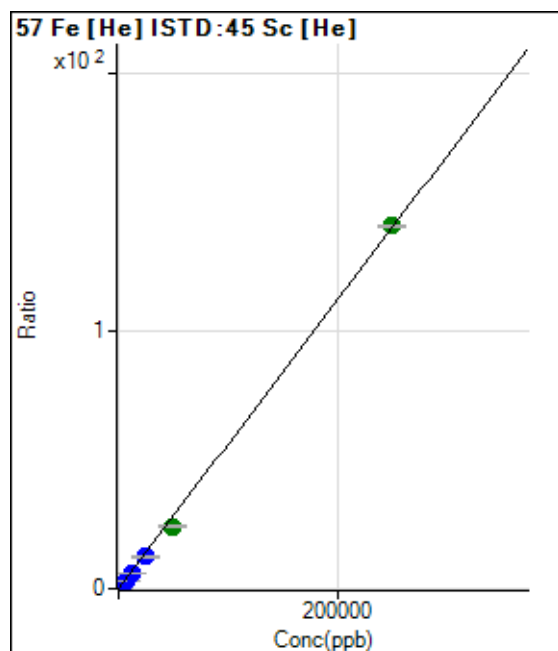
$$R = 0.9995$$

$$DL = 0.1695$$

$$BEC = 3.119$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127.78	0.0022	P	22.6
2	☐	5.000					
3	☐	50.000	37.486	1335.30	0.0232	P	3.5
4	☐	2500.000	2222.378	73547.16	1.2458	P	1.6
5	☐	6250.000	5551.348	183289.69	3.1086	P	1.1
6	☐	12500.000	11076.148	364399.20	6.2002	P	0.8
7	☐	25000.000	22521.326	723251.57	12.6048	P	6.6
8	☐	50000.000	42937.350	1442155.47	24.0292	A	2.1
9	☐	250000.00	251751.83	8249075.94	140.8784	A	0.2

$$y = 5.5958E-004 * x + 0.0022$$

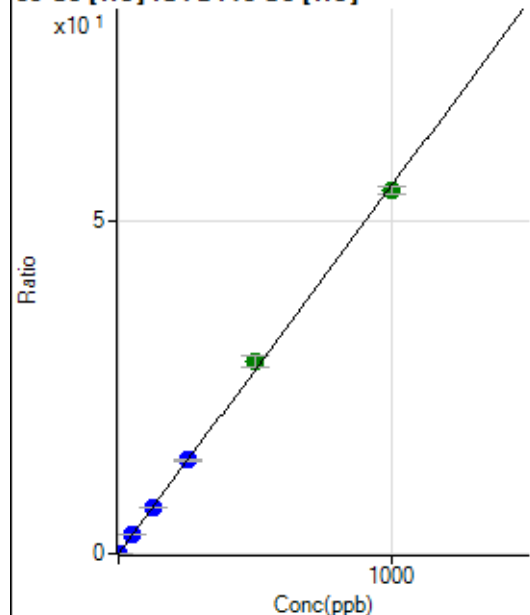
$$R = 0.9996$$

$$DL = 2.657$$

$$BEC = 3.92$$

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	136.67	0.0023	P	11.0
2	☐	0.100					
3	☐	1.000	0.865	2889.24	0.0501	P	2.8
4	☐	50.000	51.061	166556.53	2.8212	P	0.7
5	☐	125.000	127.859	416329.24	7.0609	P	0.2
6	☐	250.000	253.908	823955.33	14.0195	P	0.4
7	☐	500.000	524.552	1661971.76	28.9605	A	6.2
8	☐	1000.000	986.337	3268115.75	54.4536	A	2.1
9	☐			5705.71	0.0974	P	2.5

$$y = 0.0552 * x + 0.0023$$

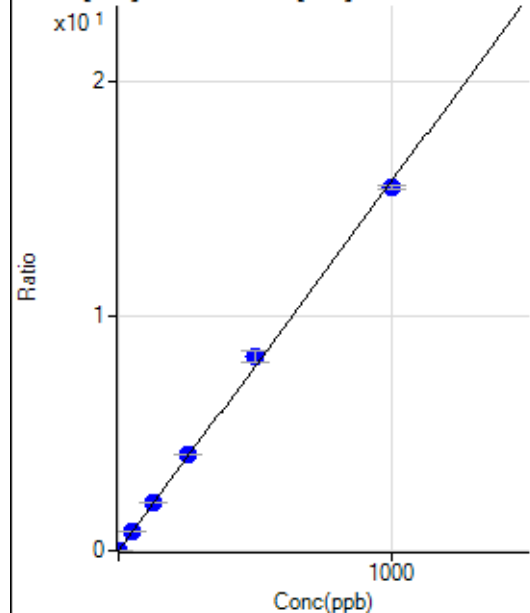
$$R = 0.9995$$

$$DL = 0.01404$$

$$BEC = 0.04253$$

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	55.56	0.0010	P	14.6
2	☐	0.100					
3	☐	1.000	0.905	876.71	0.0152	P	4.6
4	☐	50.000	53.024	49361.73	0.8361	P	0.7
5	☐	125.000	131.883	122533.23	2.0782	P	0.6
6	☐	250.000	260.950	241614.80	4.1110	P	0.6
7	☐	500.000	527.411	476785.73	8.3079	P	6.1
8	☐	1000.000	982.545	928925.57	15.4765	P	1.0
9	☐			13497.84	0.2305	P	0.9

$$y = 0.0158 * x + 9.5383E-004$$

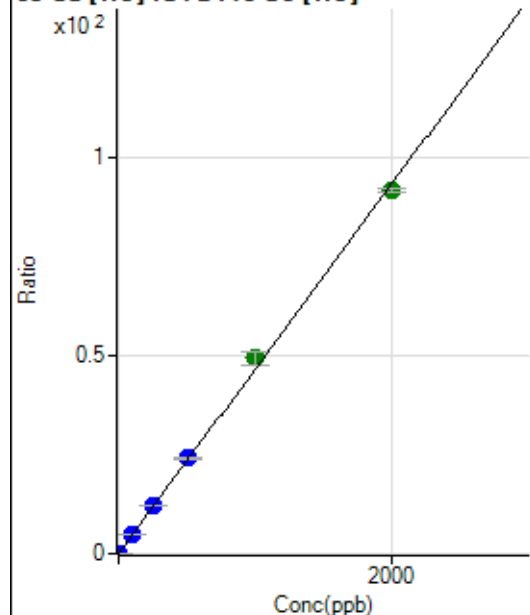
$$R = 0.9994$$

$$DL = 0.02655$$

$$BEC = 0.06056$$

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	722.26	0.0124	P	5.7
2	☐	0.200					
3	☐	2.000	2.110	6393.80	0.1109	P	3.1
4	☐	100.000	103.801	286810.55	4.8581	P	0.3
5	☐	250.000	258.917	713410.66	12.0994	P	0.3
6	☐	500.000	516.008	1416473.16	24.1011	P	0.5
7	☐	1000.000	1060.140	2839840.06	49.5027	A	7.1
8	☐	2000.000	1964.624	5505653.81	91.7266	A	1.0
9	☐			11250.29	0.1921	P	1.6

$$y = 0.0467 * x + 0.0124$$

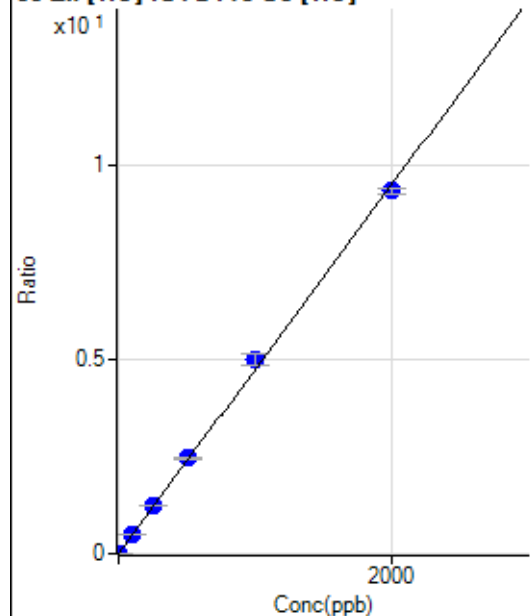
$$R = 0.9993$$

$$DL = 0.04515$$

$$BEC = 0.2658$$

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	53.33	0.0009	P	0.5
2	☐	0.200					
3	☐	2.000	1.869	563.35	0.0098	P	4.3
4	☐	100.000	104.142	29187.49	0.4944	P	1.1
5	☐	250.000	260.011	72695.97	1.2330	P	1.2
6	☐	500.000	518.784	144530.39	2.4591	P	1.0
7	☐	1000.000	1051.654	286053.21	4.9841	P	5.9
8	☐	2000.000	1968.019	559762.19	9.3263	P	1.4
9	☐			3942.85	0.0673	P	2.1

$$y = 0.0047 * x + 9.1602E-004$$

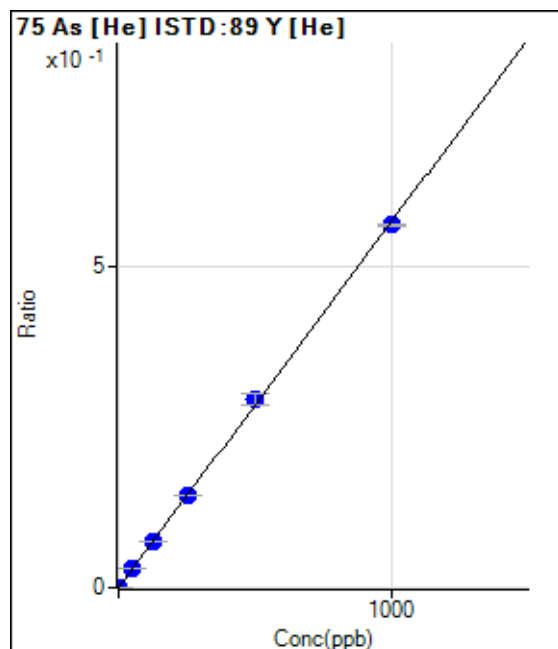
$$R = 0.9994$$

$$DL = 0.00313$$

$$BEC = 0.1933$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	28.1
2	☐	0.100					
3	☐	1.000	0.891	186.42	0.0005	P	14.9
4	☐	50.000	51.453	10389.16	0.0293	P	1.5
5	☐	125.000	124.753	25458.67	0.0709	P	0.3
6	☐	250.000	250.582	51312.64	0.1424	P	0.7
7	☐	500.000	517.137	102307.60	0.2939	P	6.0
8	☐	1000.000	991.244	202707.40	0.5634	P	0.7
9	☐			109.26	0.0003	P	8.9

$$y = 5.6833\text{E-}004 * x + 3.0959\text{E-}005$$

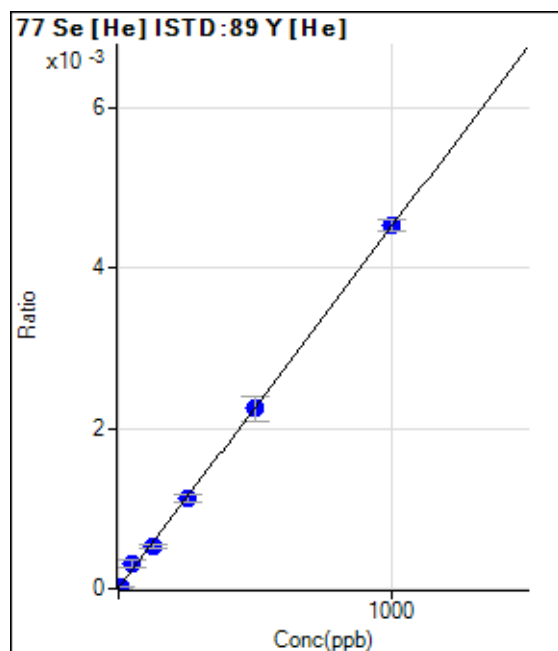
$$R = 0.9998$$

$$DL = 0.04593$$

$$BEC = 0.05447$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.6
2	☐	0.500					
3	☐	5.000	1.483	5.56	0.0000	P	34.7
4	☐	50.000	67.449	111.11	0.0003	P	37.1
5	☐	125.000	116.829	192.23	0.0005	P	8.6
6	☐	250.000	249.236	407.79	0.0011	P	8.9
7	☐	500.000	495.898	778.93	0.0022	P	13.7
8	☐	1000.000	1002.409	1627.90	0.0045	P	3.0
9	☐			1.11	0.0000	P	173.2

$$y = 4.5041\text{E-}006 * x + 9.3302\text{E-}006$$

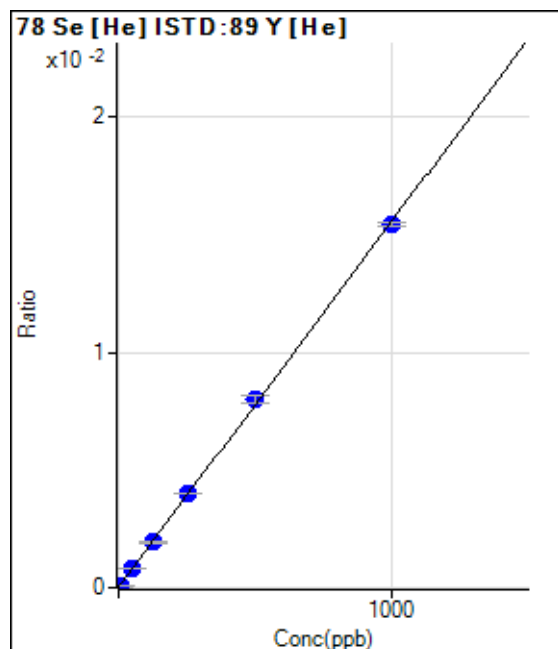
$$R = 0.9997$$

$$DL = 6.251$$

$$BEC = 2.071$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	34.2
2	☐	0.500					
3	☐	5.000	5.416	35.18	0.0001	P	14.2
4	☐	50.000	52.035	293.22	0.0008	P	1.3
5	☐	125.000	122.798	691.39	0.0019	P	1.2
6	☐	250.000	256.167	1440.83	0.0040	P	0.3
7	☐	500.000	514.480	2791.67	0.0080	P	4.5
8	☐	1000.000	991.390	5551.79	0.0154	P	0.9
9	☐			13.58	0.0000	P	28.3

$$y = 1.5547\text{E-}005 * x + 1.7194\text{E-}005$$

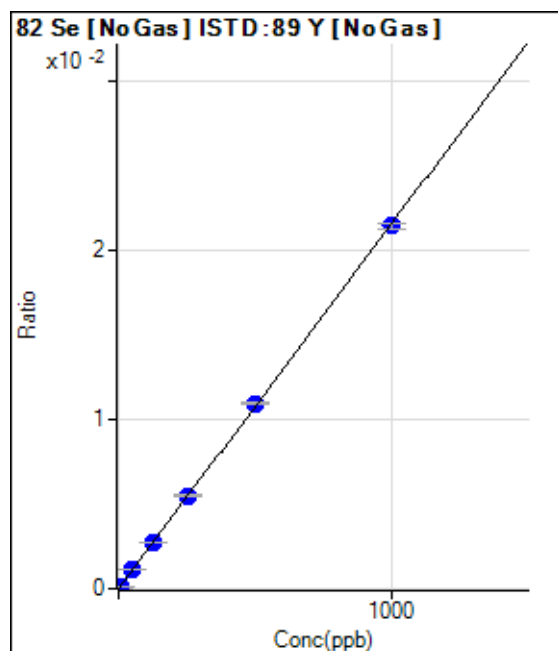
$$R = 0.9998$$

$$DL = 1.133$$

$$BEC = 1.106$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-5.25	0.0000	P	-1764.
2	☐	0.500					
3	☐	5.000	4.515	604.59	0.0001	P	14.4
4	☐	50.000	51.169	7051.36	0.0011	P	2.0
5	☐	125.000	128.723	17742.85	0.0028	P	0.5
6	☐	250.000	253.724	35579.20	0.0055	P	2.1
7	☐	500.000	507.886	70771.90	0.0109	P	0.4
8	☐	1000.000	994.605	141206.19	0.0214	P	1.5
9	☐			138.68	0.0000	P	75.2

$$y = 2.1537\text{E-}005 * x - 9.1761\text{E-}007$$

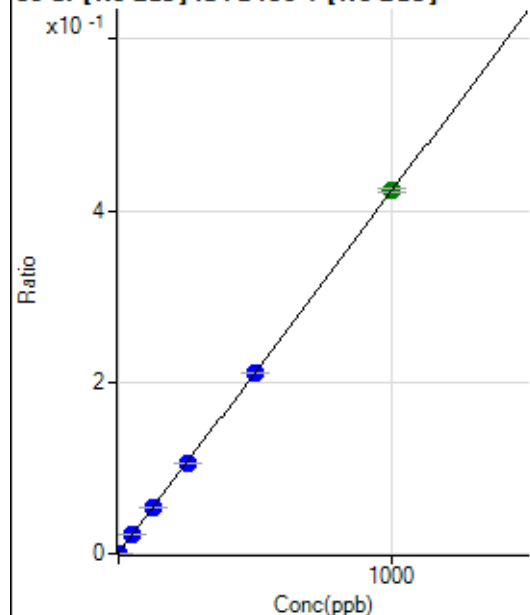
$$R = 0.9999$$

$$DL = 2.256$$

$$BEC = -0.04261$$

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	2475.34	0.0004	P	1.5
2	☐	0.100					
3	☐	1.000	0.819	4598.20	0.0007	P	1.1
4	☐	50.000	50.212	138255.40	0.0216	P	0.9
5	☐	125.000	125.179	340856.11	0.0532	P	0.5
6	☐	250.000	249.042	687324.42	0.1055	P	1.7
7	☐	500.000	497.973	1363038.27	0.2106	P	0.7
8	☐	1000.000	1001.220	2789548.04	0.4231	A	1.2
9	☐			92336.61	0.0142	P	1.7

$$y = 4.2223\text{E-}004 * x + 3.8615\text{E-}004$$

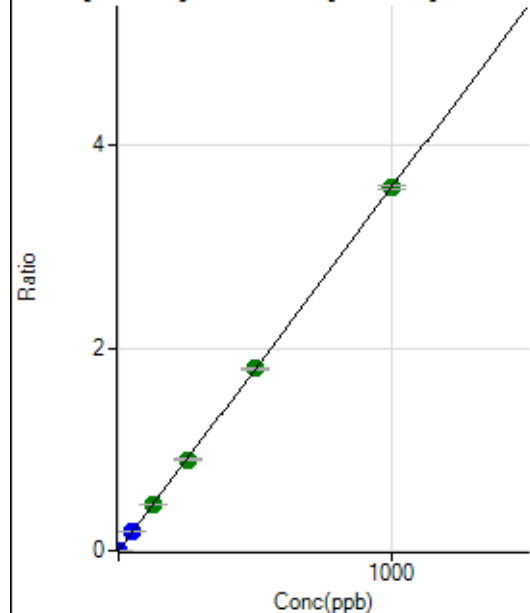
$$R = 1.0000$$

$$DL = 0.0422$$

$$BEC = 0.9145$$

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	94.45	0.0000	P	30.5
2	☐	0.100					
3	☐	1.000	0.898	20290.86	0.0032	P	0.0
4	☐	50.000	50.876	1166950.98	0.1822	P	0.7
5	☐	125.000	127.633	2926385.46	0.4571	A	0.8
6	☐	250.000	250.631	5845297.31	0.8976	A	2.1
7	☐	500.000	501.136	11612905.99	1.7947	A	1.1
8	☐	1000.000	998.902	23585475.88	3.5773	A	0.9
9	☐			780776.81	0.1200	P	0.0

$$y = 0.0036 * x + 1.4717\text{E-}005$$

$$R = 1.0000$$

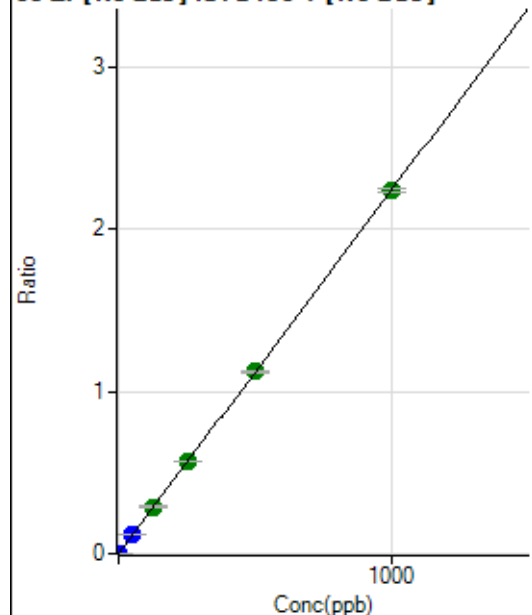
$$DL = 0.003759$$

$$BEC = 0.004109$$

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	369.47	0.0001	P	16.3
2	☐	0.100					
3	☐	1.000	0.889	12881.55	0.0021	P	1.3
4	☐	50.000	50.545	726418.77	0.1134	P	0.4
5	☐	125.000	129.066	1853724.48	0.2895	A	0.8
6	☐	250.000	253.293	3700255.03	0.5682	A	1.6
7	☐	500.000	501.282	7275340.27	1.1244	A	1.3
8	☐	1000.000	998.001	14758615.26	2.2385	A	1.0
9	☐			2958.79	0.0005	P	6.9

$$y = 0.0022 * x + 5.7699E-005$$

$$R = 1.0000$$

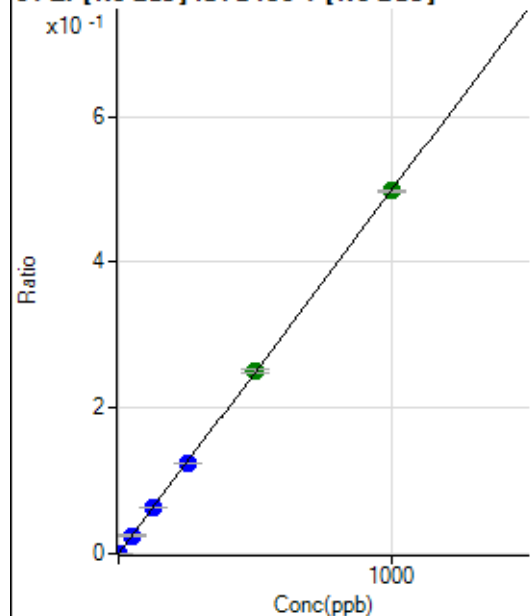
$$DL = 0.0126$$

$$BEC = 0.02572$$

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	86.12	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	0.901	2905.99	0.0005	P	3.7
4	☐	50.000	49.871	159241.55	0.0249	P	1.8
5	☐	125.000	125.728	401197.79	0.0627	P	0.4
6	☐	250.000	248.748	807342.04	0.1240	P	1.5
7	☐	500.000	503.000	1621918.55	0.2507	A	1.3
8	☐	1000.000	998.728	3281216.87	0.4977	A	0.8
9	☐			602.82	0.0001	P	6.8

$$y = 4.9831E-004 * x + 1.3463E-005$$

$$R = 1.0000$$

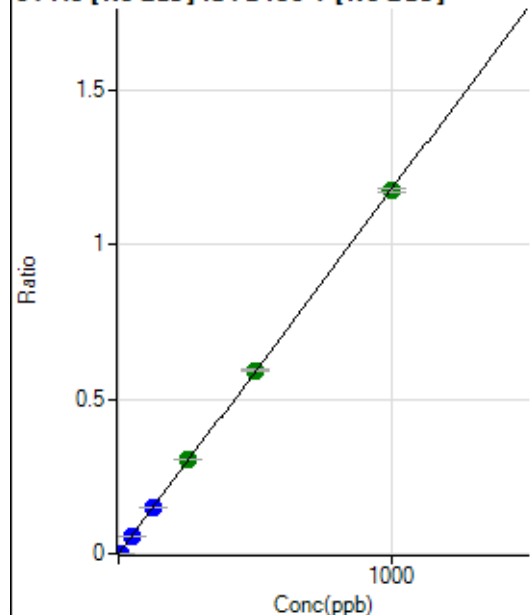
$$DL = 0.02829$$

$$BEC = 0.02702$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0000	P	12.0
2	☐	0.500					
3	☐	5.000	1.924	14427.68	0.0023	P	5.6
4	☐	50.000	49.937	376838.02	0.0588	P	0.4
5	☐	125.000	126.189	951587.17	0.1486	P	0.7
6	☐	250.000	257.596	1975860.44	0.3034	A	1.0
7	☐	500.000	503.860	3839609.20	0.5934	A	1.2
8	☐	1000.000	996.041	7733121.26	1.1730	A	1.1
9	☐			10982.74	0.0017	P	0.6

$$y = 0.0012 * x + 3.2063E-005$$

$$R = 0.9999$$

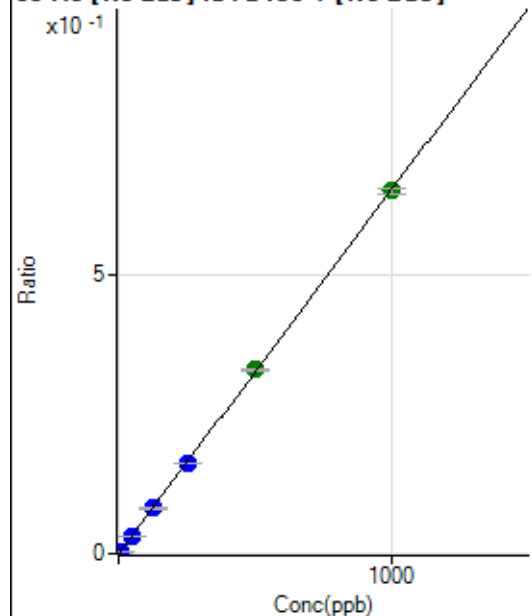
$$DL = 0.009792$$

$$BEC = 0.02723$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	52.9
2	☐	0.500					
3	☐	5.000	4.131	17033.62	0.0027	P	0.8
4	☐	50.000	49.403	206872.28	0.0323	P	0.4
5	☐	125.000	124.924	522779.86	0.0817	P	1.6
6	☐	250.000	247.956	1055534.55	0.1621	P	1.0
7	☐	500.000	506.844	2143702.13	0.3313	A	0.9
8	☐	1000.000	997.133	4296360.86	0.6517	A	1.4
9	☐			16791.63	0.0026	P	0.8

$$y = 6.5358E-004 * x + 1.2602E-005$$

$$R = 1.0000$$

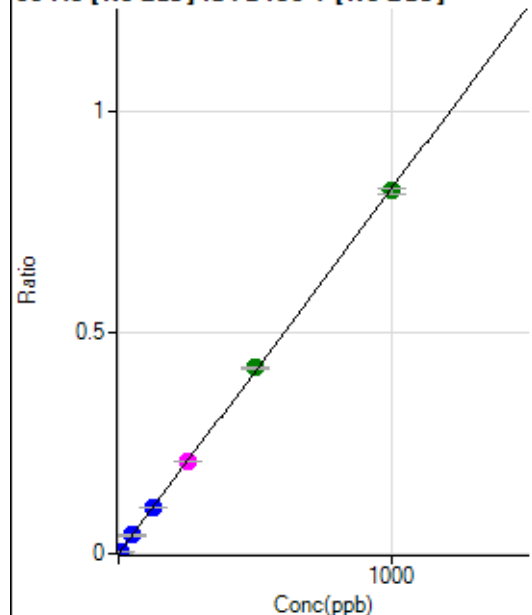
$$DL = 0.03061$$

$$BEC = 0.01928$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	25.0
2	☐	0.500					
3	☐	5.000	3.597	18719.28	0.0030	P	2.9
4	☐	50.000	50.057	264176.35	0.0413	P	1.2
5	☐	125.000	126.381	666597.04	0.1041	P	0.5
6	☐	250.000	251.633	1350144.94	0.2073	M	0.2
7	☐	500.000	510.244	2719690.79	0.4203	A	0.7
8	☐	1000.000	994.302	5399267.57	0.8190	A	1.7
9	☐			21314.67	0.0033	P	1.8

$$y = 8.2371\text{E-}004 * x + 1.8212\text{E-}005$$

$$R = 0.9999$$

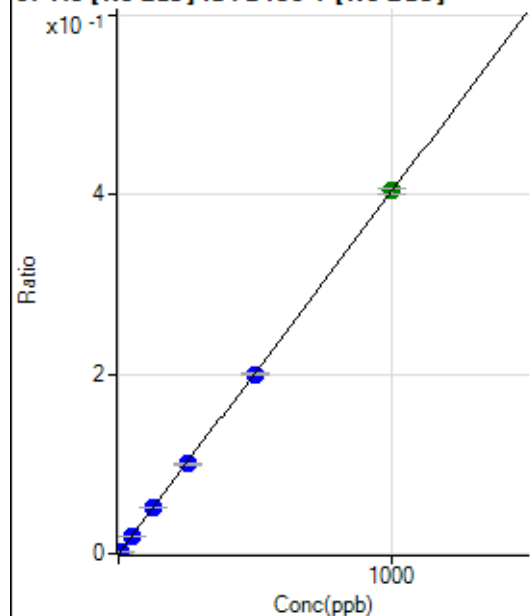
$$DL = 0.01658$$

$$BEC = 0.02211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.56	0.0000	P	31.1
2	☐	0.500					
3	☐	5.000	4.299	10966.03	0.0017	P	3.1
4	☐	50.000	49.179	127117.00	0.0198	P	0.7
5	☐	125.000	125.482	324091.23	0.0506	P	1.1
6	☐	250.000	247.667	650657.81	0.0999	P	1.4
7	☐	500.000	496.599	1296098.13	0.2003	P	0.9
8	☐	1000.000	1002.268	2665035.17	0.4043	A	1.4
9	☐			10751.92	0.0017	P	2.8

$$y = 4.0333\text{E-}004 * x + 1.2559\text{E-}005$$

$$R = 1.0000$$

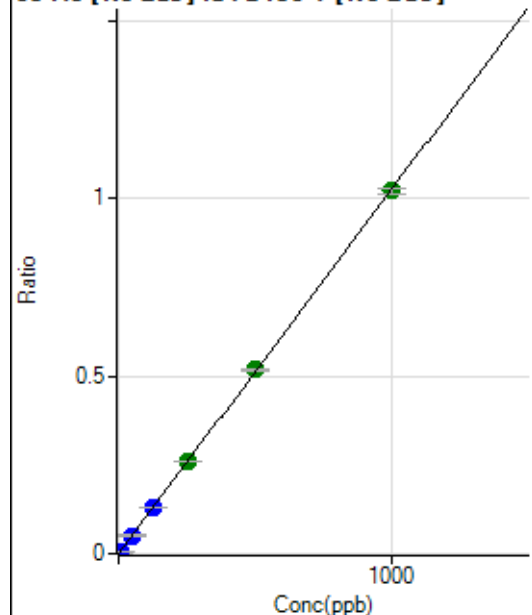
$$DL = 0.02906$$

$$BEC = 0.03114$$

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	105.56	0.0000	P	8.9
2	☐	0.500					
3	☐	5.000	4.326	27971.60	0.0045	P	1.6
4	☐	50.000	50.106	329332.66	0.0514	P	0.6
5	☐	125.000	126.115	828461.05	0.1294	P	0.4
6	☐	250.000	253.719	1695537.18	0.2603	A	1.6
7	☐	500.000	504.913	3352005.07	0.5180	A	0.5
8	☐	1000.000	996.473	6739662.65	1.0223	A	1.5
9	☐			26307.10	0.0040	P	0.7

$$y = 0.0010 * x + 1.6467E-005$$

$$R = 1.0000$$

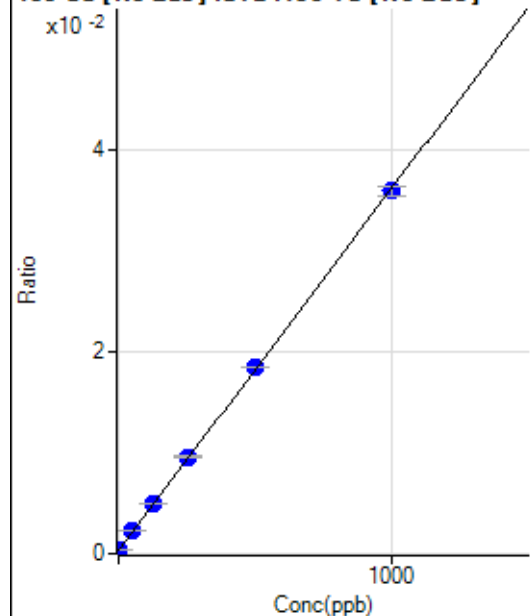
$$DL = 0.004267$$

$$BEC = 0.01605$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1711.32	0.0003	P	3.3
2	☐	0.100					
3	☐	1.000	0.514	1772.42	0.0003	P	9.6
4	☐	50.000	54.910	12612.00	0.0023	P	2.6
5	☐	125.000	129.474	27985.54	0.0049	P	0.9
6	☐	250.000	258.277	54288.31	0.0096	P	2.4
7	☐	500.000	506.366	106454.92	0.0185	P	0.8
8	☐	1000.000	993.944	213401.42	0.0359	P	2.3
9	☐			1650.20	0.0003	P	9.0

$$y = 3.5852E-005 * x + 3.0350E-004$$

$$R = 0.9999$$

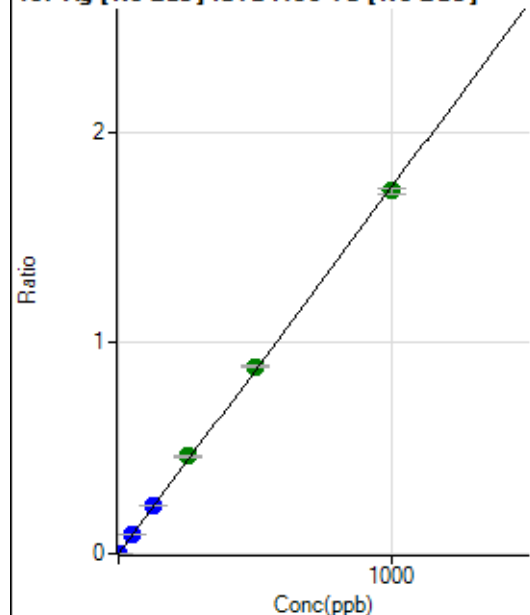
$$DL = 0.8361$$

$$BEC = 8.465$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	19.7
2	☐	0.100					
3	☐	1.000	1.281	12364.54	0.0022	P	1.4
4	☐	50.000	53.337	514341.34	0.0927	P	0.5
5	☐	125.000	130.985	1287428.46	0.2275	P	0.7
6	☐	250.000	267.507	2637684.24	0.4646	A	1.9
7	☐	500.000	509.684	5105264.57	0.8852	A	1.0
8	☐	1000.000	989.866	10208721.50	1.7191	A	1.8
9	☐			1752.98	0.0003	P	8.4

$$y = 0.0017 * x + 2.1178E-005$$

$$R = 0.9998$$

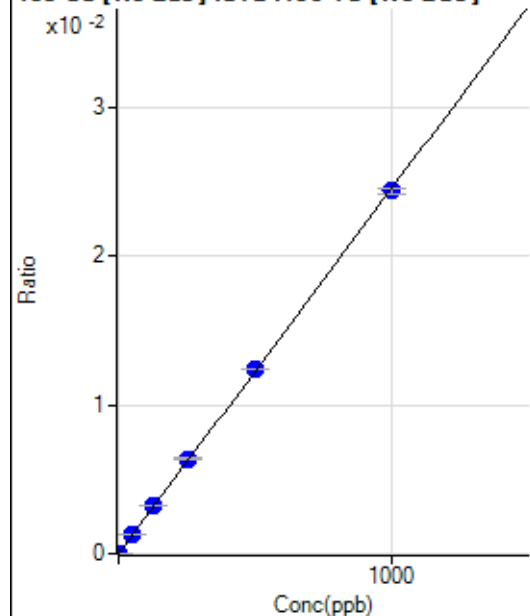
$$DL = 0.007218$$

$$BEC = 0.01219$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	92.2
2	☐	0.100					
3	☐	1.000	0.978	145.84	0.0000	P	28.9
4	☐	50.000	53.434	7289.65	0.0013	P	0.2
5	☐	125.000	130.207	18087.43	0.0032	P	1.0
6	☐	250.000	259.642	36171.12	0.0064	P	2.1
7	☐	500.000	505.440	71523.45	0.0124	P	0.6
8	☐	1000.000	994.047	144811.23	0.0244	P	1.7
9	☐			47.22	0.0000	P	30.5

$$y = 2.4530E-005 * x + 2.4587E-006$$

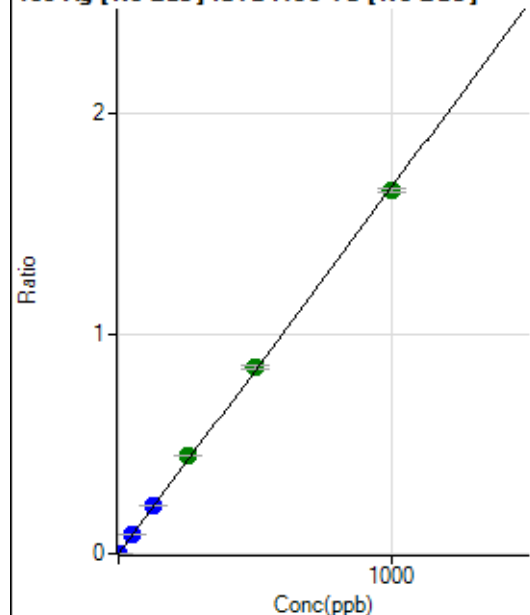
$$R = 0.9999$$

$$DL = 0.2771$$

$$BEC = 0.1002$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.90	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	1.339	12420.20	0.0023	P	1.8
4	☐	50.000	53.419	493881.75	0.0890	P	1.1
5	☐	125.000	130.434	1229194.48	0.2172	P	0.6
6	☐	250.000	267.078	2524932.72	0.4447	A	1.1
7	☐	500.000	509.585	4893602.49	0.8485	A	1.5
8	☐	1000.000	990.087	9790457.60	1.6486	A	1.2
9	☐			1594.61	0.0003	P	12.4

$$y = 0.0017 * x + 2.4617E-005$$

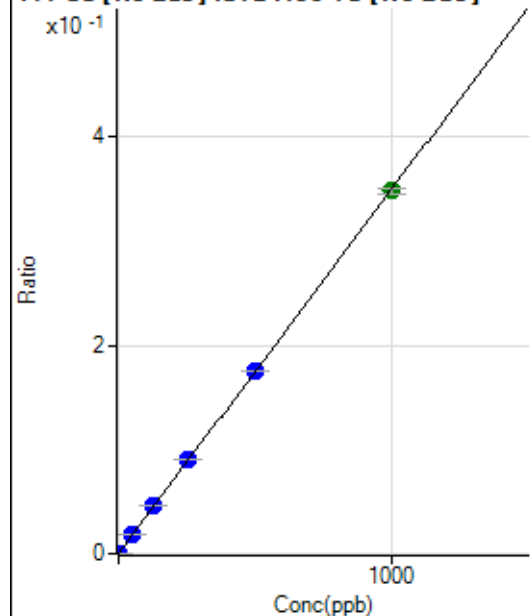
$$R = 0.9998$$

$$DL = 0.004942$$

$$BEC = 0.01478$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1214.59	0.0002	P	2.9
2	☐	0.100					
3	☐	1.000	0.891	2901.27	0.0005	P	2.4
4	☐	50.000	53.099	104249.14	0.0188	P	0.7
5	☐	125.000	129.269	256979.61	0.0454	P	0.6
6	☐	250.000	258.330	513982.52	0.0905	P	1.4
7	☐	500.000	502.211	1013996.87	0.1758	P	0.5
8	☐	1000.000	996.123	2069449.59	0.3485	A	1.7
9	☐			1597.10	0.0003	P	5.2

$$y = 3.4963E-004 * x + 2.1541E-004$$

$$R = 1.0000$$

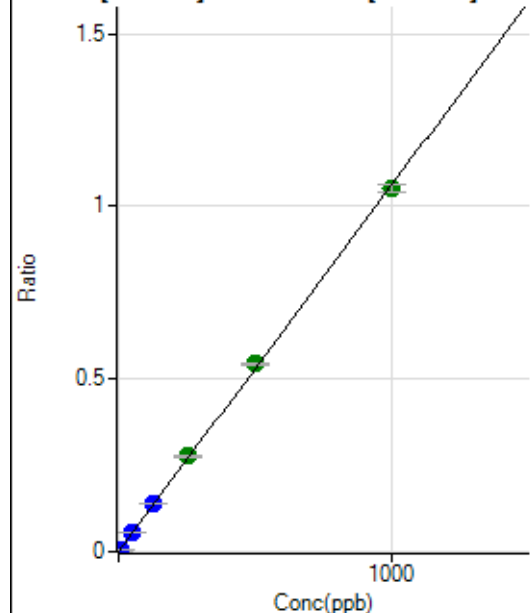
$$DL = 0.05353$$

$$BEC = 0.6161$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	691.72	0.0001	P	27.6
2	☐	0.500					
3	☐	5.000	4.413	26454.92	0.0048	P	2.4
4	☐	50.000	52.212	308112.15	0.0555	P	0.9
5	☐	125.000	128.797	773776.07	0.1367	P	0.2
6	☐	250.000	260.059	1566738.71	0.2760	A	1.1
7	☐	500.000	513.318	3141278.02	0.5446	A	1.0
8	☐	1000.000	990.244	6237623.23	1.0505	A	2.2
9	☐			5456.91	0.0010	P	3.9

$$y = 0.0011 * x + 1.2298E-004$$

$$R = 0.9998$$

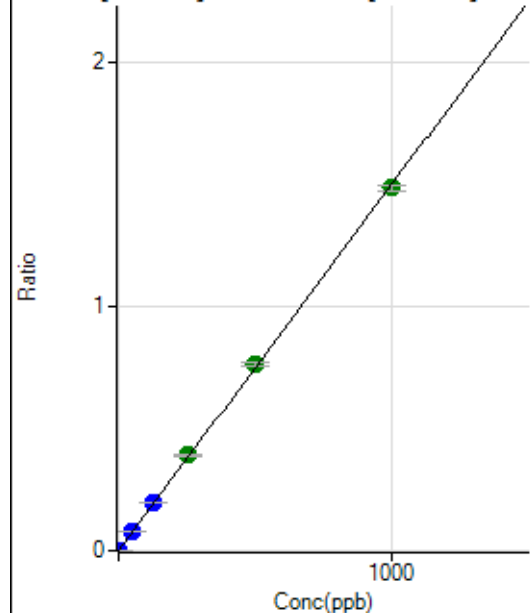
$$DL = 0.09584$$

$$BEC = 0.1159$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.3
2	☐	0.200					
3	☐	2.000	1.797	14861.71	0.0027	P	2.3
4	☐	50.000	52.126	433537.56	0.0781	P	0.4
5	☐	125.000	129.798	1100450.51	0.1945	P	0.6
6	☐	250.000	261.698	2225767.76	0.3921	A	2.1
7	☐	500.000	509.818	4404872.63	0.7638	A	1.6
8	☐	1000.000	991.461	8820608.18	1.4854	A	1.7
9	☐			22288.92	0.0039	P	2.7

$$y = 0.0015 * x + 6.3869E-006$$

$$R = 0.9998$$

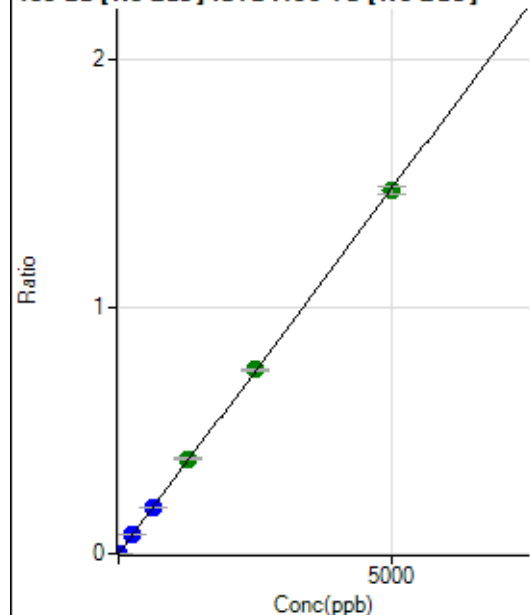
$$DL = 0.006044$$

$$BEC = 0.004263$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	25.6
2	☐	1.000					
3	☐	10.000	8.827	14419.53	0.0026	P	1.4
4	☐	250.000	260.815	427808.91	0.0771	P	0.6
5	☐	625.000	642.533	1074265.43	0.1898	P	0.7
6	☐	1250.000	1297.928	2177019.32	0.3835	A	1.4
7	☐	2500.000	2526.232	4304583.17	0.7464	A	1.2
8	☐	5000.000	4972.172	8723046.38	1.4690	A	2.2
9	☐			4009.14	0.0007	P	3.4

$$y = 2.9544E-004 * x + 1.0362E-005$$

$$R = 0.9999$$

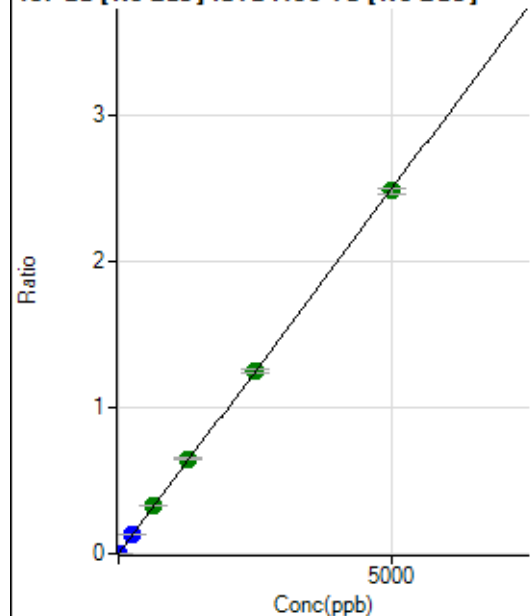
$$DL = 0.02693$$

$$BEC = 0.03507$$

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	102.79	0.0000	P	3.4
2	☐	1.000					
3	☐	10.000	8.776	24228.85	0.0044	P	3.4
4	☐	250.000	261.169	723980.59	0.1304	P	0.3
5	☐	625.000	655.559	1852411.82	0.3273	A	1.2
6	☐	1250.000	1300.928	3687410.46	0.6496	A	2.2
7	☐	2500.000	2514.225	7239540.27	1.2554	A	1.8
8	☐	5000.000	4975.780	14752541.47	2.4844	A	1.9
9	☐			6507.47	0.0011	P	2.3

$$y = 4.9930E-004 * x + 1.8229E-005$$

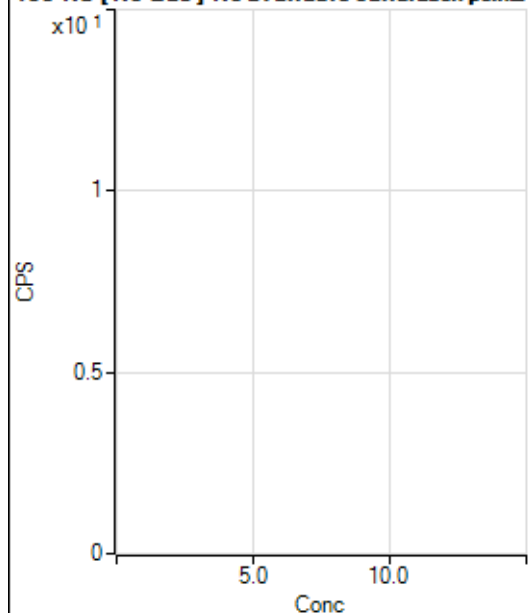
$$R = 0.9999$$

$$DL = 0.00368$$

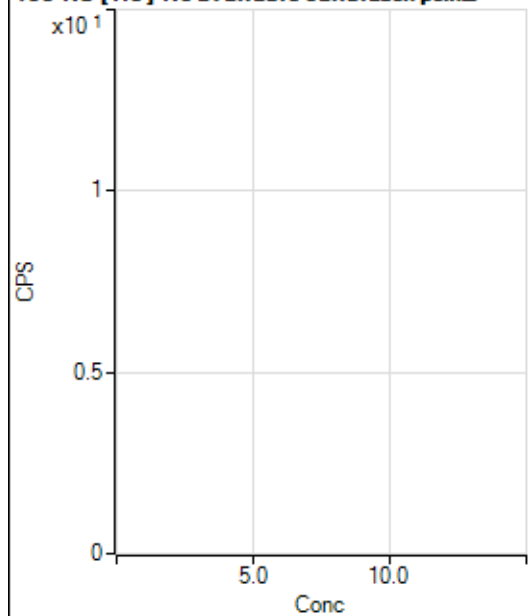
$$BEC = 0.03651$$

Weight: <None>

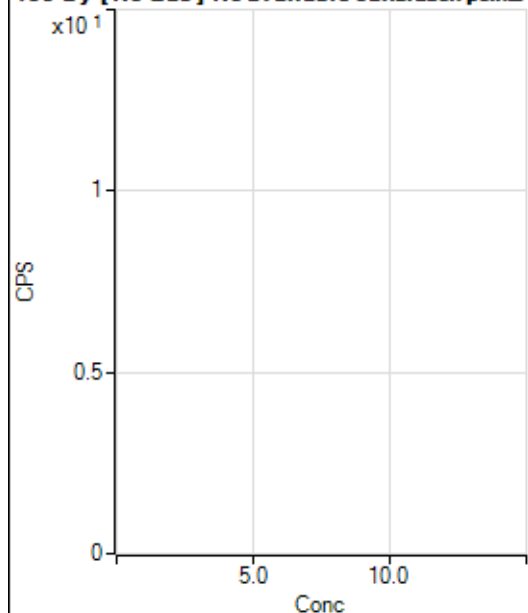
Min Conc: 0

150 Nd [No Gas] No available calibration points

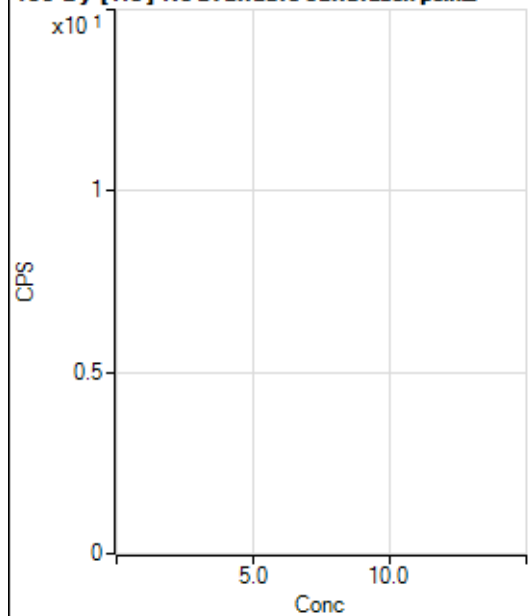
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			15.56		P	89.2
4	☐			20.00		P	57.7
5	☐			55.56		P	18.3
6	☐			84.45		P	25.4
7	☐			144.45		P	23.2
8	☐			248.90		P	13.5
9	☐			117.78		P	19.9

150 Nd [He] No available calibration points

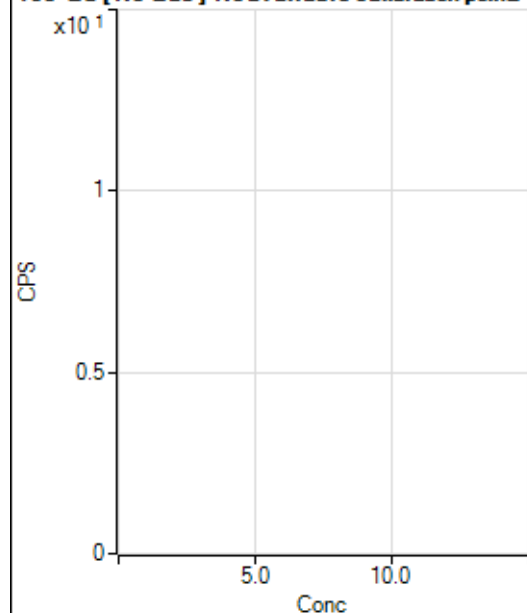
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			1.11		P	173.2
6	☐			5.56		P	34.7
7	☐			8.89		P	43.3
8	☐			10.00		P	57.8
9	☐			27.78		P	18.3

156 Dy [No Gas] No available calibration points

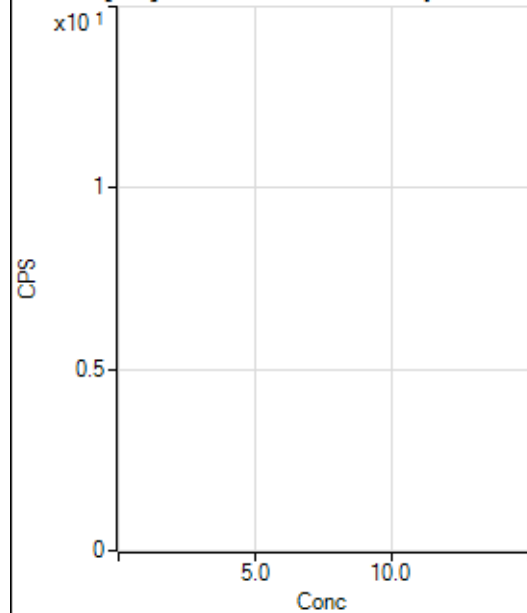
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			8.33		P	100.0
4	☐			16.66		P	86.6
5	☐			13.89		P	34.7
6	☐			13.89		P	69.3
7	☐			72.23		P	24.0
8	☐			86.12		P	48.7
9	☐			91.67		P	15.7

156 Dy [He] No available calibration points

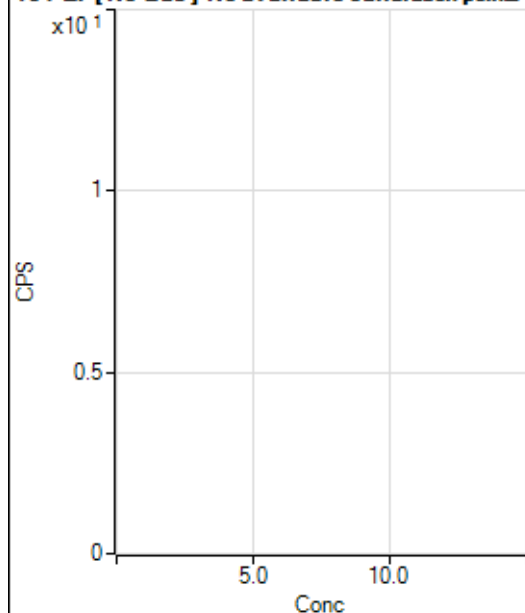
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	86.6
5	☐			5.56		P	34.7
6	☐			7.78		P	107.8
7	☐			6.67		P	50.0
8	☐			6.67		P	100.0
9	☐			21.11		P	48.2

160 Gd [No Gas] Noavailable calibration poin_

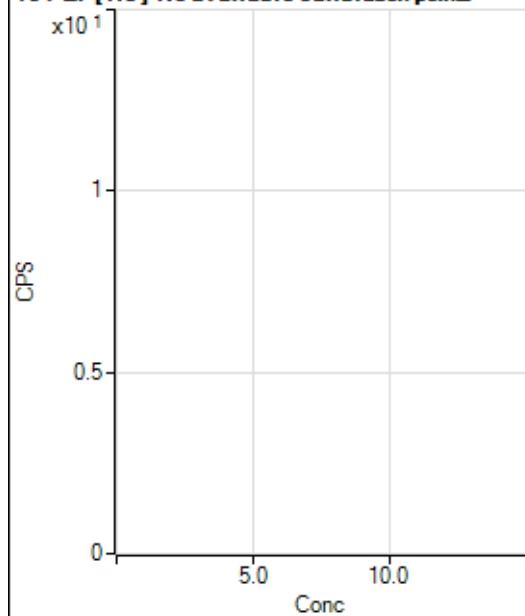
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	28.7
2	☐						
3	☐			63.89		P	19.9
4	☐			47.23		P	20.4
5	☐			77.78		P	43.3
6	☐			83.34		P	26.5
7	☐			102.78		P	24.8
8	☐			75.01		P	48.4
9	☐			150.01		P	14.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐						
3	☐			13.33		P	66.1
4	☐			15.56		P	32.7
5	☐			15.56		P	32.7
6	☐			13.33		P	66.2
7	☐			21.11		P	9.1
8	☐			27.78		P	36.7
9	☐			47.78		P	22.4

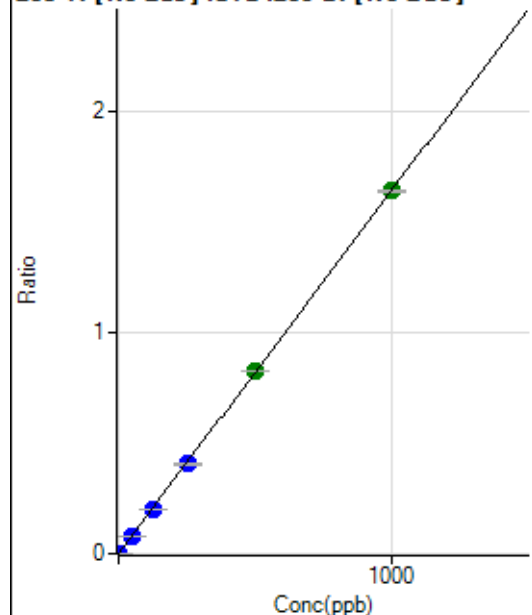
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	86.6
2	☐						
3	☐			33.33		P	25.0
4	☐			16.67		P	100.0
5	☐			30.56		P	56.8
6	☐			33.33		P	0.0
7	☐			36.11		P	13.3
8	☐			30.56		P	31.5
9	☐			47.22		P	27.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐						
3	☐			6.67		P	50.0
4	☐			0.00		P	
5	☐			4.44		P	114.6
6	☐			5.56		P	91.6
7	☐			7.78		P	65.5
8	☐			14.44		P	35.3
9	☐			15.56		P	32.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.01	0.0000	P	40.2
2	☐	0.100					
3	☐	1.000	0.896	4231.46	0.0015	P	1.9
4	☐	50.000	49.603	232430.51	0.0816	P	0.8
5	☐	125.000	122.777	580090.51	0.2018	P	0.5
6	☐	250.000	247.163	1175573.01	0.4063	P	0.9
7	☐	500.000	502.978	2385690.85	0.8267	A	0.7
8	☐	1000.000	999.518	4825358.18	1.6428	A	0.8
9	☐			1794.67	0.0007	P	6.5

$$y = 0.0016 * x + 2.5588E-005$$

$$R = 1.0000$$

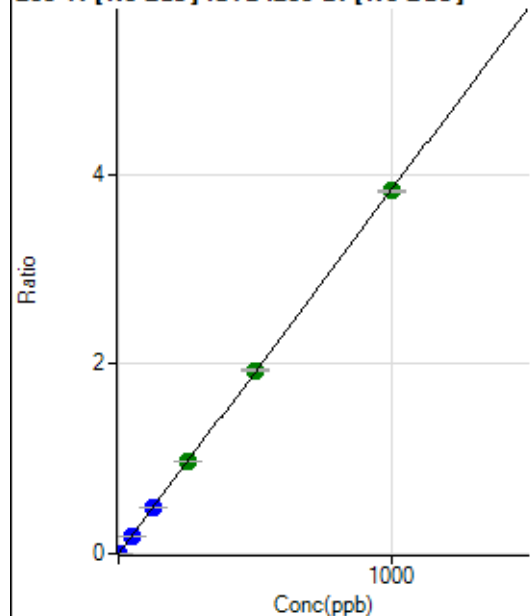
$$DL = 0.01879$$

$$BEC = 0.01557$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.68	0.0000	P	11.5
2	☐	0.100					
3	☐	1.000	0.883	9706.95	0.0034	P	2.4
4	☐	50.000	49.765	544491.31	0.1910	P	1.3
5	☐	125.000	125.207	1381367.39	0.4806	P	0.7
6	☐	250.000	255.057	2832750.30	0.9789	A	0.6
7	☐	500.000	503.027	5570902.64	1.9306	A	1.3
8	☐	1000.000	997.208	11242409.80	3.8273	A	0.4
9	☐			4323.16	0.0016	P	4.3

$$y = 0.0038 * x + 4.8300E-005$$

$$R = 1.0000$$

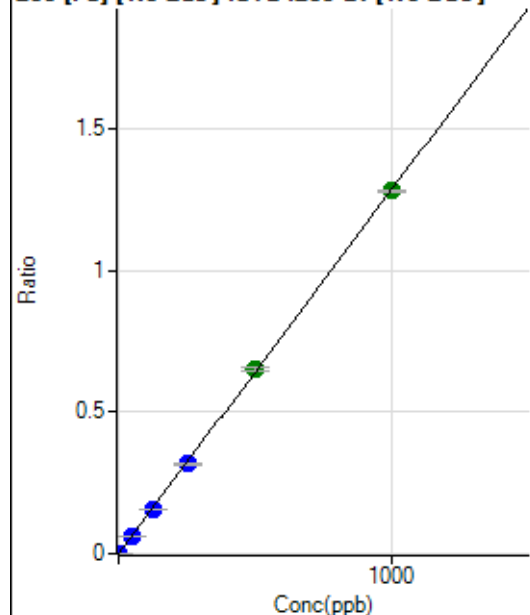
$$DL = 0.004325$$

$$BEC = 0.01258$$

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	316.68	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.996	3917.41	0.0014	P	1.9
4	☐	50.000	49.328	180885.95	0.0635	P	1.8
5	☐	125.000	122.790	453629.71	0.1578	P	0.8
6	☐	250.000	246.255	915540.53	0.3164	P	0.9
7	☐	500.000	508.016	1883007.67	0.6526	A	1.6
8	☐	1000.000	997.238	3762965.13	1.2810	A	0.8
9	☐			9388.92	0.0034	P	1.1

$$y = 0.0013 * x + 1.0798E-004$$

$$R = 0.9999$$

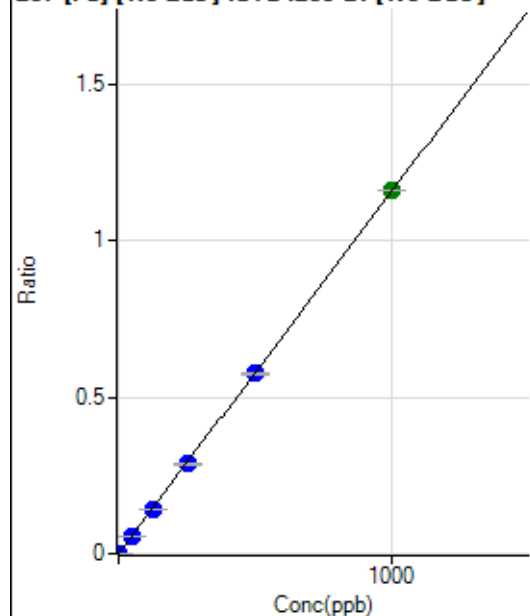
$$DL = 0.03952$$

$$BEC = 0.08407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	264.83	0.0001	P	10.9
2	☐	0.100					
3	☐	1.000	0.991	3493.20	0.0012	P	5.7
4	☐	50.000	49.419	163302.16	0.0573	P	0.5
5	☐	125.000	123.271	410397.49	0.1428	P	0.8
6	☐	250.000	247.488	829209.33	0.2866	P	0.5
7	☐	500.000	497.676	1662474.89	0.5762	P	1.1
8	☐	1000.000	1002.035	3407441.25	1.1600	A	0.1
9	☐			7960.15	0.0029	P	3.0

$$y = 0.0012 * x + 9.0327E-005$$

$$R = 1.0000$$

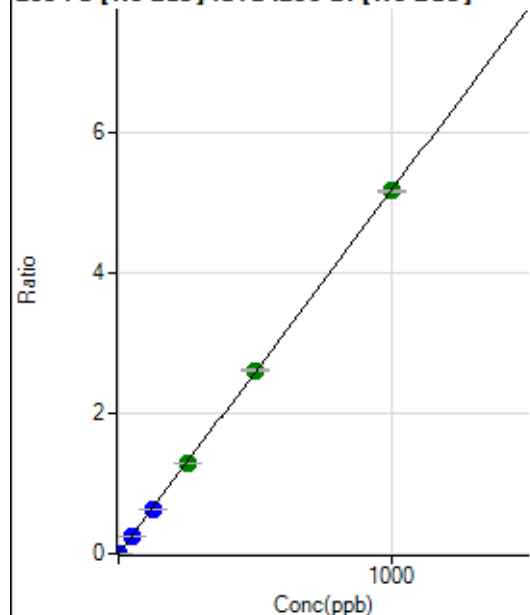
$$DL = 0.02549$$

$$BEC = 0.07803$$

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	1168.58	0.0004	P	5.2
2	☐	0.100					
3	☐	1.000	1.006	15869.24	0.0056	P	2.1
4	☐	50.000	49.539	733515.80	0.2574	P	0.9
5	☐	125.000	123.072	1836089.65	0.6388	P	0.7
6	☐	250.000	249.771	3750153.67	1.2960	A	0.1
7	☐	500.000	503.886	7543183.31	2.6141	A	0.8
8	☐	1000.000	998.378	15214045.45	5.1791	A	0.3
9	☐			36703.27	0.0135	P	2.9

$$y = 0.0052 * x + 3.9849E-004$$

$$R = 1.0000$$

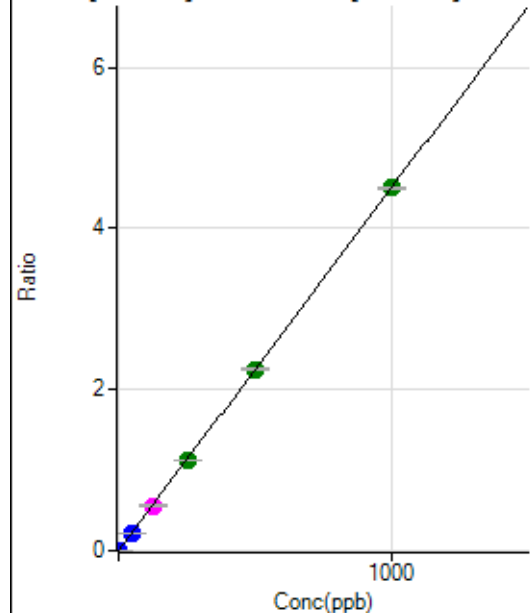
$$DL = 0.0119$$

$$BEC = 0.07682$$

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	383.35	0.0001	P	11.2
2	☐	0.100					
3	☐	1.000	0.835	10988.71	0.0039	P	4.9
4	☐	50.000	49.002	629509.24	0.2209	P	1.4
5	☐	125.000	124.133	1607762.30	0.5593	M	2.3
6	☐	250.000	250.499	3265825.53	1.1286	A	0.5
7	☐	500.000	500.431	6505343.85	2.2545	A	1.1
8	☐	1000.000	999.818	13230901.34	4.5042	A	0.6
9	☐			2989.40	0.0011	P	3.1

$$y = 0.0045 * x + 1.3070E-004$$

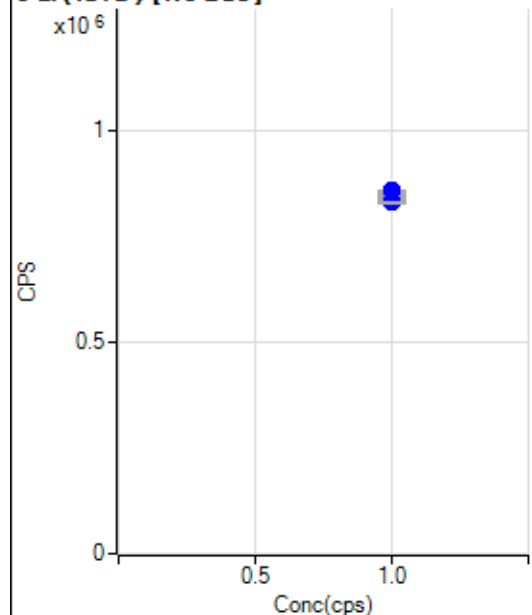
$$R = 1.0000$$

$$DL = 0.009786$$

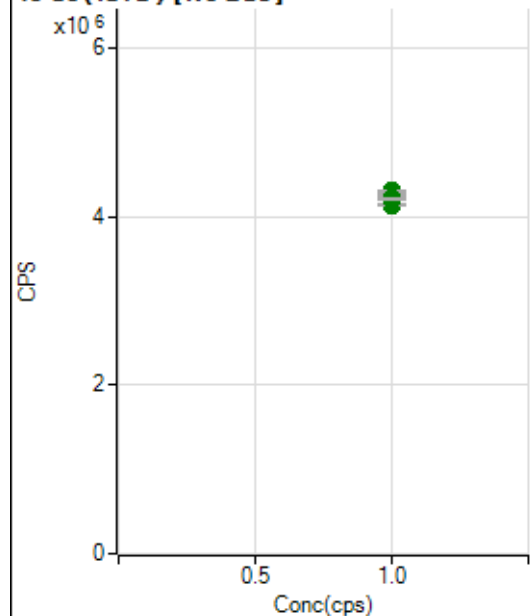
$$BEC = 0.02901$$

Weight: <None>

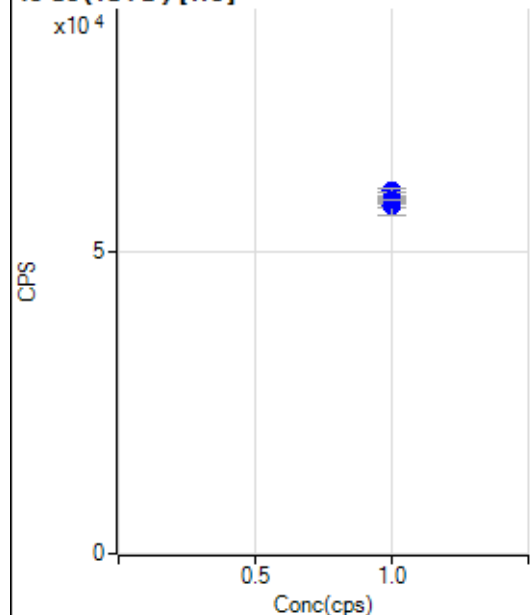
Min Conc: 0

6 Li (ISTD) [No Gas]

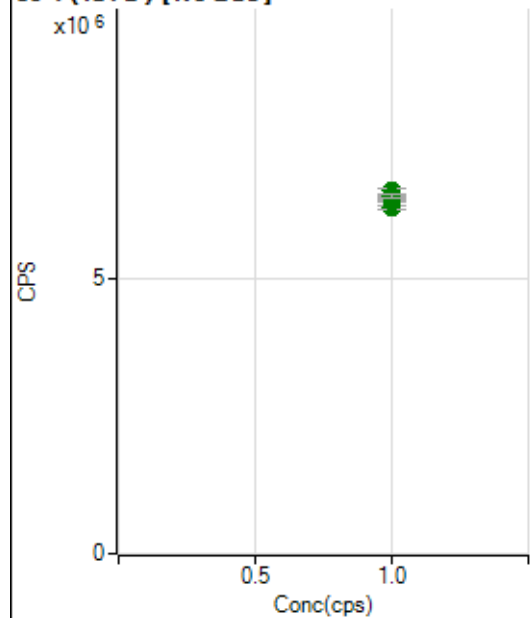
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		857101.30		P	0.1
2	☐	1.000					
3	☐	1.000		835331.48		P	0.3
4	☐	1.000		852161.73		P	0.4
5	☐	1.000		854303.95		P	0.7
6	☐	1.000		851168.63		P	0.8
7	☐	1.000		841076.50		P	0.7
8	☐	1.000		843901.38		P	0.5
9	☐	1.000		829288.95		P	0.5

45 Sc (ISTD) [No Gas]

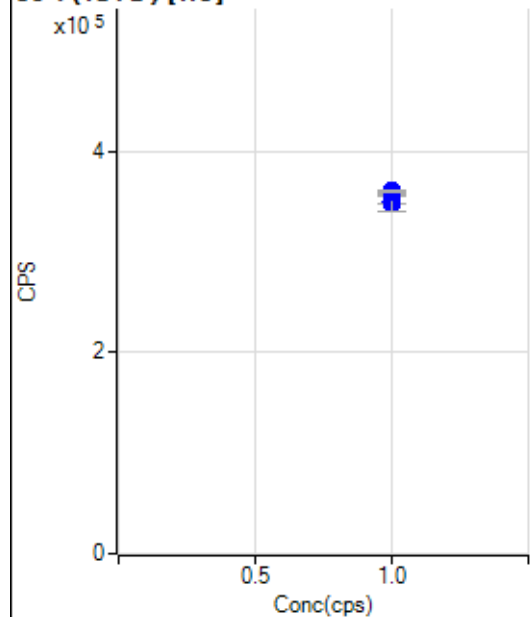
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4228667.24		A	1.2
2	☐	1.000					
3	☐	1.000		4134037.94		A	0.8
4	☐	1.000		4225946.80		A	0.4
5	☐	1.000		4203357.91		A	0.2
6	☐	1.000		4214276.01		A	0.4
7	☐	1.000		4259332.95		A	0.4
8	☐	1.000		4302373.23		A	0.8
9	☐	1.000		4208175.14		A	0.9

45 Sc (ISTD) [He]

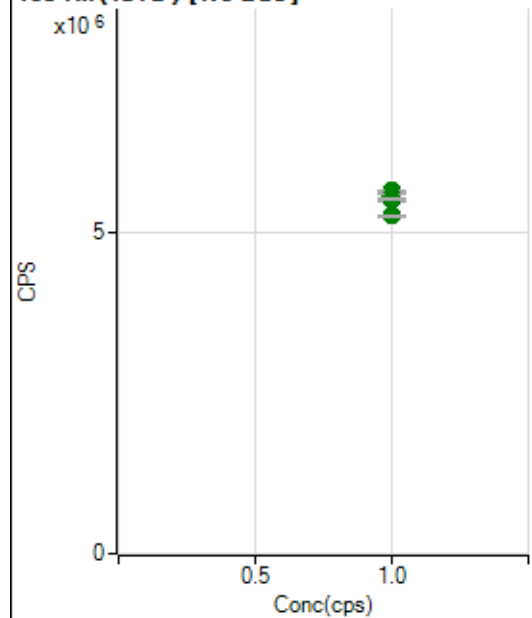
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		58220.09		P	0.5
2	☐	1.000					
3	☐	1.000		57643.25		P	1.3
4	☐	1.000		59037.80		P	0.3
5	☐	1.000		58963.27		P	0.6
6	☐	1.000		58772.49		P	0.2
7	☐	1.000		57521.09		P	5.7
8	☐	1.000		60026.58		P	1.2
9	☐	1.000		58554.68		P	0.3

89 Y (ISTD) [No Gas]

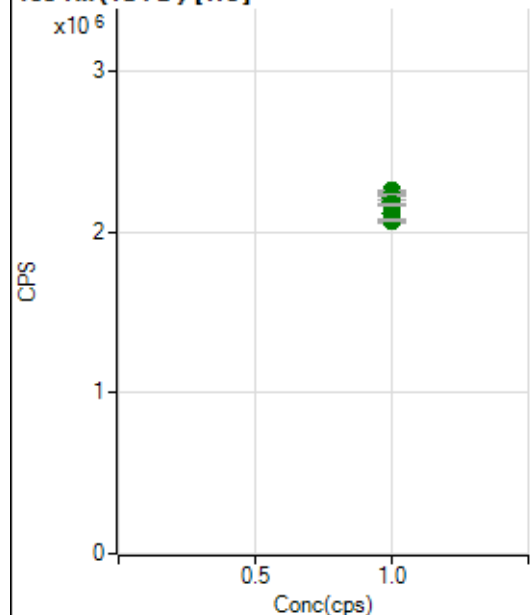
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6409790.88		A	0.9
2	☐	1.000					
3	☐	1.000		6279959.07		A	1.2
4	☐	1.000		6404492.47		A	0.6
5	☐	1.000		6402267.40		A	0.7
6	☐	1.000		6513261.22		A	1.1
7	☐	1.000		6470808.51		A	0.7
8	☐	1.000		6593419.55		A	1.7
9	☐	1.000		6505152.40		A	0.8

89 Y(ISTD) [He]

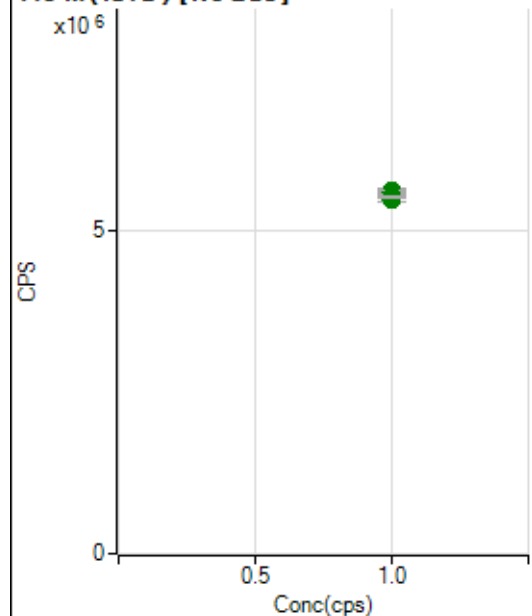
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		358427.06		P	0.8
2	☐	1.000					
3	☐	1.000		347092.33		P	0.3
4	☐	1.000		354909.95		P	0.2
5	☐	1.000		358916.64		P	0.3
6	☐	1.000		360233.29		P	0.2
7	☐	1.000		348811.32		P	5.3
8	☐	1.000		359805.13		P	0.2
9	☐	1.000		359706.24		P	0.5

103 Rh(ISTD) [No Gas]

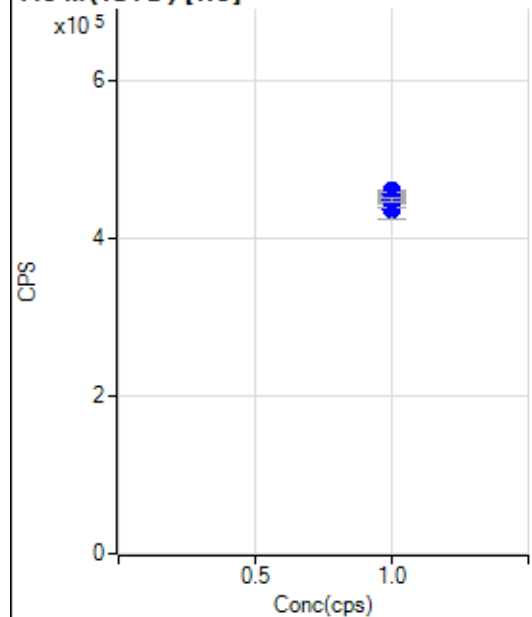
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5657860.85		A	0.8
2	☐	1.000					
3	☐	1.000		5512572.39		A	1.0
4	☐	1.000		5526868.31		A	0.6
5	☐	1.000		5592617.75		A	1.3
6	☐	1.000		5579289.01		A	1.3
7	☐	1.000		5568559.24		A	1.2
8	☐	1.000		5530744.13		A	0.8
9	☐	1.000		5264775.07		A	0.4

103 Rh (ISTD) [He]

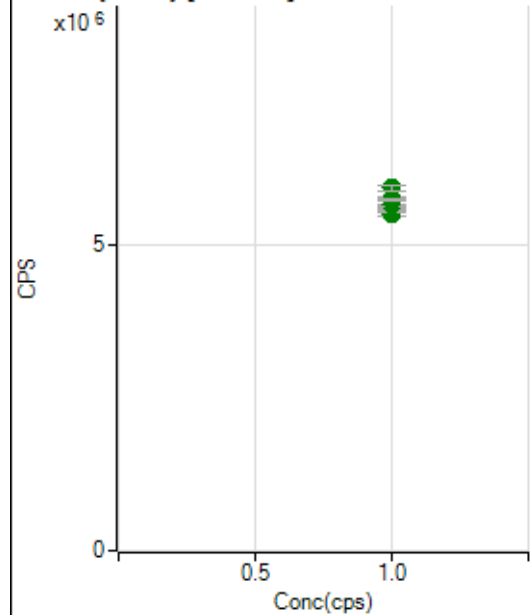
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2253196.03		A	0.7
2	☐	1.000					
3	☐	1.000		2186222.78		A	0.6
4	☐	1.000		2209353.98		A	0.7
5	☐	1.000		2222610.71		A	0.6
6	☐	1.000		2226642.38		A	0.7
7	☐	1.000		2115396.72		A	5.5
8	☐	1.000		2168264.99		A	0.7
9	☐	1.000		2066875.21		A	0.5

115 In (ISTD) [No Gas]

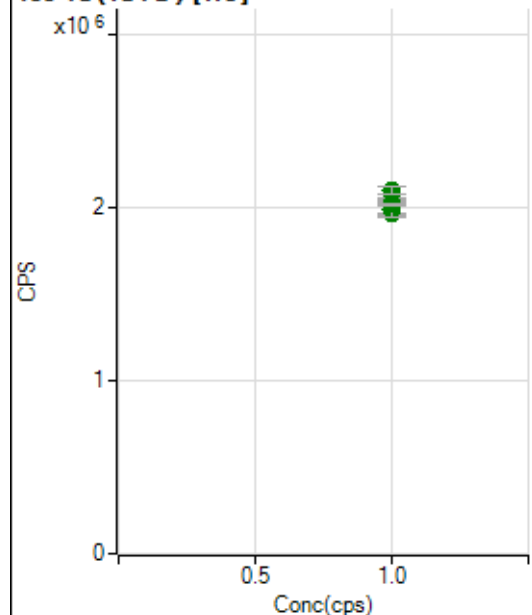
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5603432.16		A	1.0
2	☐	1.000					
3	☐	1.000		5473853.86		A	1.2
4	☐	1.000		5541198.97		A	0.9
5	☐	1.000		5572083.40		A	1.5
6	☐	1.000		5577404.13		A	0.9
7	☐	1.000		5495721.12		A	1.9
8	☐	1.000		5511138.51		A	0.9
9	☐	1.000		5508734.18		A	0.6

115 In (ISTD) [He]

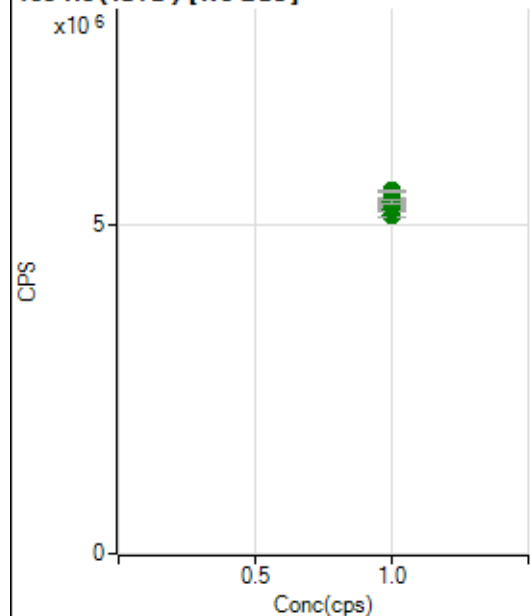
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		460272.29		P	0.1
2	☐	1.000					
3	☐	1.000		444775.31		P	0.1
4	☐	1.000		452900.35		P	0.4
5	☐	1.000		456554.49		P	0.6
6	☐	1.000		456046.92		P	0.7
7	☐	1.000		436092.60		P	5.7
8	☐	1.000		439528.58		P	0.3
9	☐	1.000		448506.32		P	1.1

159 Tb (ISTD) [No Gas]

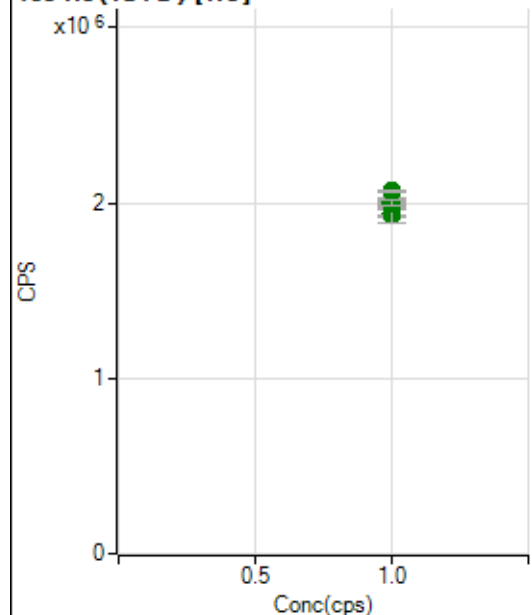
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5636997.63		A	1.3
2	☐	1.000					
3	☐	1.000		5507391.79		A	0.8
4	☐	1.000		5551181.31		A	0.6
5	☐	1.000		5658936.58		A	0.6
6	☐	1.000		5677960.54		A	1.5
7	☐	1.000		5767867.00		A	1.4
8	☐	1.000		5939189.49		A	1.5
9	☐	1.000		5745000.61		A	0.9

159 Tb (ISTD) [He]

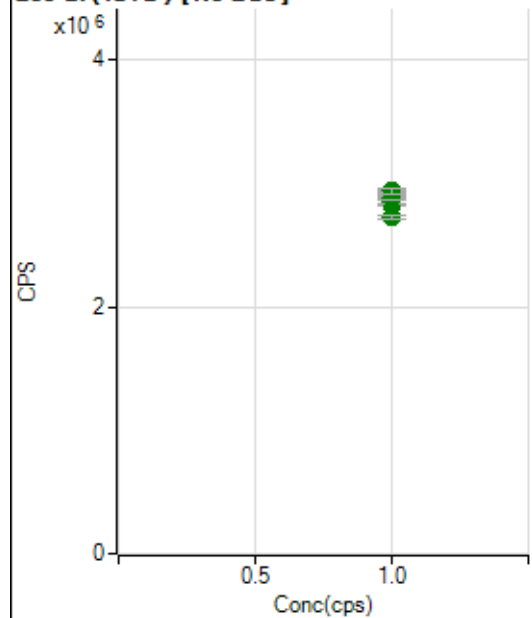
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2038326.86		A	0.2
2	☐	1.000					
3	☐	1.000		1962474.33		A	0.8
4	☐	1.000		2019311.88		A	0.5
5	☐	1.000		2033599.69		A	0.0
6	☐	1.000		2046652.80		A	0.7
7	☐	1.000		1990217.53		A	4.6
8	☐	1.000		2094732.63		A	2.0
9	☐	1.000		2018123.68		A	0.6

165 Ho (ISTD) [No Gas]

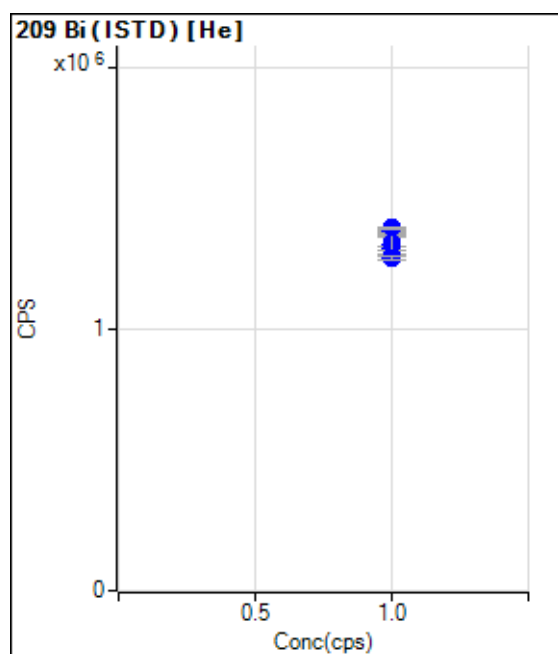
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5257227.20		A	0.7
2	☐	1.000					
3	☐	1.000		5170098.99		A	1.7
4	☐	1.000		5243615.35		A	1.3
5	☐	1.000		5310538.79		A	0.7
6	☐	1.000		5344096.78		A	1.1
7	☐	1.000		5387774.73		A	1.5
8	☐	1.000		5529075.47		A	0.8
9	☐	1.000		5361527.20		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2015567.40		A	0.4
2	☐	1.000					
3	☐	1.000		1925593.34		A	0.6
4	☐	1.000		1965033.95		A	0.6
5	☐	1.000		1978724.03		A	0.6
6	☐	1.000		2011593.61		A	1.5
7	☐	1.000		1939552.98		A	5.4
8	☐	1.000		2068995.61		A	0.7
9	☐	1.000		1998975.58		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2932561.07		A	0.3
2	☐	1.000					
3	☐	1.000		2824295.58		A	0.6
4	☐	1.000		2850360.27		A	1.4
5	☐	1.000		2874299.26		A	0.5
6	☐	1.000		2893670.34		A	0.2
7	☐	1.000		2885828.53		A	1.8
8	☐	1.000		2937556.17		A	1.8
9	☐	1.000		2726765.86		A	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1378171.44		P	0.2
2	☐	1.000					
3	☐	1.000		1307480.07		P	0.6
4	☐	1.000		1357365.76		P	0.4
5	☐	1.000		1376808.99		P	0.6
6	☐	1.000		1375438.78		P	1.6
7	☐	1.000		1320655.33		P	5.8
8	☐	1.000		1385741.91		P	0.3
9	☐	1.000		1271170.49		P	1.1