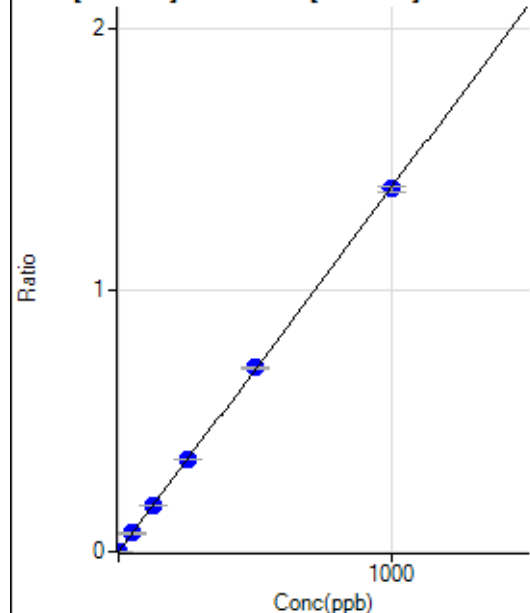


Batch Folder: D:\P8052919 MS.b\
Analysis File: P8052919 MS.batch.bin
DA Date-Time: 2019-05-29 17:59:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2019-05-29 13:13:52
2			
3	007CAL.S.d	S02	2019-05-29 13:21:42
4	008CAL.S.d	S03	2019-05-29 13:25:42
5	009CAL.S.d	S04	2019-05-29 13:29:41
6	010CAL.S.d	S05	2019-05-29 13:33:40
7	011CAL.S.d	S06	2019-05-29 13:37:33
8	012CAL.S.d	S07	2019-05-29 13:41:22
9	013CAL.S.d	S08	2019-05-29 13:45:08

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0001	P	33.8
2	☐	0.100					
3	☐	1.000	0.838	611.14	0.0012	P	8.9
4	☐	50.000	50.218	33340.62	0.0700	P	1.1
5	☐	125.000	125.432	83588.93	0.1747	P	0.6
6	☐	250.000	252.033	166668.45	0.3509	P	0.6
7	☐	500.000	506.433	328418.31	0.7051	P	0.9
8	☐	1000.000	996.211	654297.38	1.3870	P	1.5
9	☐			138.89	0.0003	P	35.1

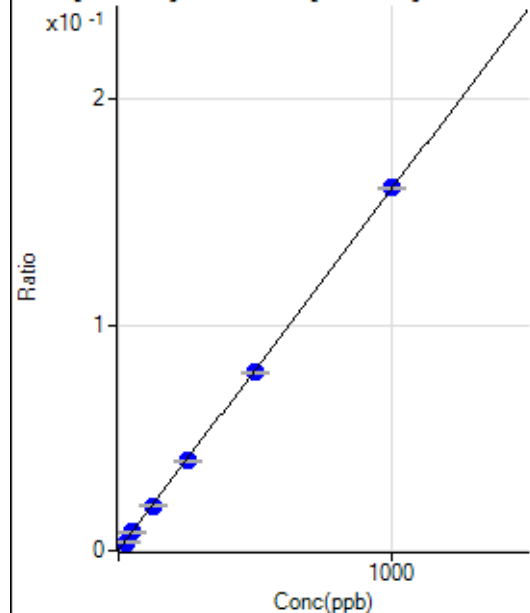
$$y = 0.0014 * x + 6.8119E-005$$

$$R = 1.0000$$

$$DL = 0.04967$$

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	100.00	0.0002	P	17.2
2	☐	2.500					
3	☐	25.000	22.417	1872.39	0.0038	P	4.6
4	☐	50.000	49.794	3886.74	0.0082	P	1.9
5	☐	125.000	123.790	9558.99	0.0200	P	2.8
6	☐	250.000	248.249	18932.30	0.0399	P	1.7
7	☐	500.000	493.152	36786.56	0.0790	P	1.1
8	☐	1000.000	1004.088	75769.01	0.1606	P	0.7
9	☐			1464.01	0.0031	P	2.9

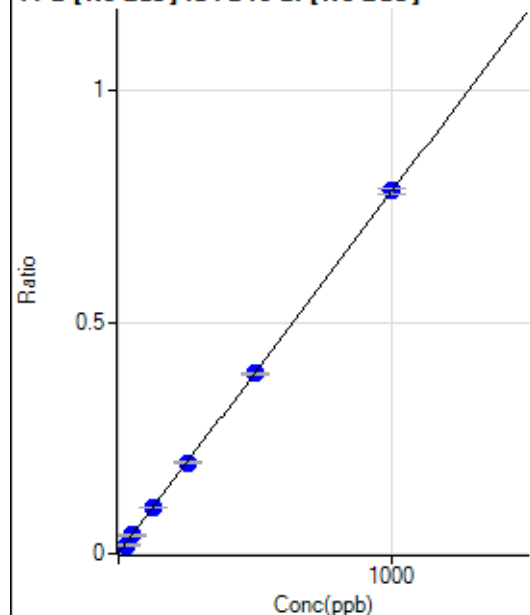
$$y = 1.5974E-004 * x + 2.0422E-004$$

$$R = 1.0000$$

$$DL = 0.6609$$

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	572.25	0.0012	P	16.1
2	☐	2.500					
3	☐	25.000	22.179	9139.26	0.0185	P	2.9
4	☐	50.000	49.244	18862.70	0.0396	P	0.9
5	☐	125.000	124.790	47144.62	0.0985	P	1.1
6	☐	250.000	249.986	93190.37	0.1962	P	1.7
7	☐	500.000	496.360	180925.81	0.3884	P	1.2
8	☐	1000.000	1001.958	369355.73	0.7829	P	1.7
9	☐			7177.00	0.0150	P	2.5

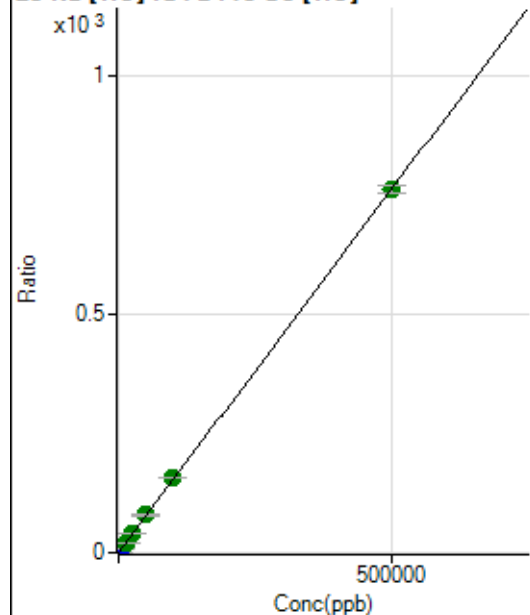
$$y = 7.8020\text{E-}004 * x + 0.0012$$

$$R = 1.0000$$

$$DL = 0.7237$$

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	14529.92	0.1650	P	3.5
2	☐	50.000					
3	☐	500.000	505.440	83429.52	0.9355	P	1.6
4	☐	5000.000	5291.137	757332.83	8.2309	P	0.8
5	☐	12500.000	13334.591	1863286.54	20.4926	A	1.9
6	☐	25000.000	26530.511	3649101.56	40.6088	A	1.3
7	☐	50000.000	51669.813	7119569.00	78.9319	A	1.4
8	☐	100000.00	102699.69	14227586.26	156.7233	A	1.2
9	☐	500000.00	499192.77	67086884.14	761.1486	A	2.2

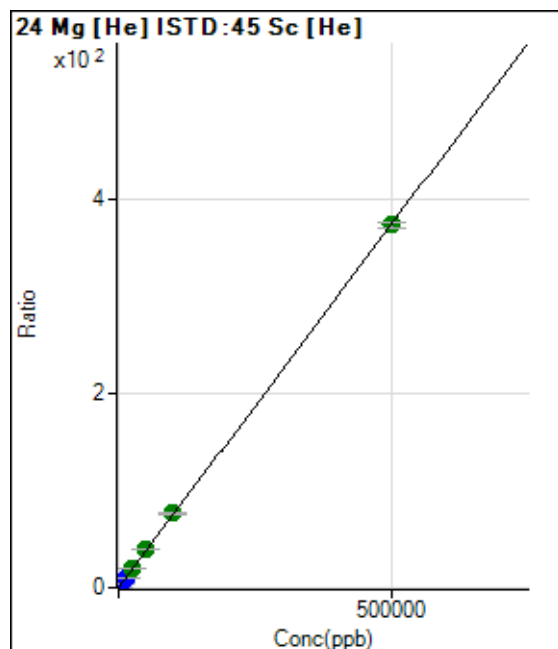
$$y = 0.0015 * x + 0.1650$$

$$R = 1.0000$$

$$DL = 11.26$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0008	P	54.1
2	☐	50.000					
3	☐	500.000	529.759	35491.90	0.3979	P	1.6
4	☐	5000.000	5370.009	370427.89	4.0260	P	1.4
5	☐	12500.000	13660.068	931090.84	10.2401	P	1.1
6	☐	25000.000	27179.775	1830693.84	20.3741	A	1.2
7	☐	50000.000	53099.786	3590039.19	39.8032	A	2.3
8	☐	100000.00	102084.25	6946621.16	76.5209	A	1.0
9	☐	500000.00	499131.45	32975350.39	374.1387	A	1.8

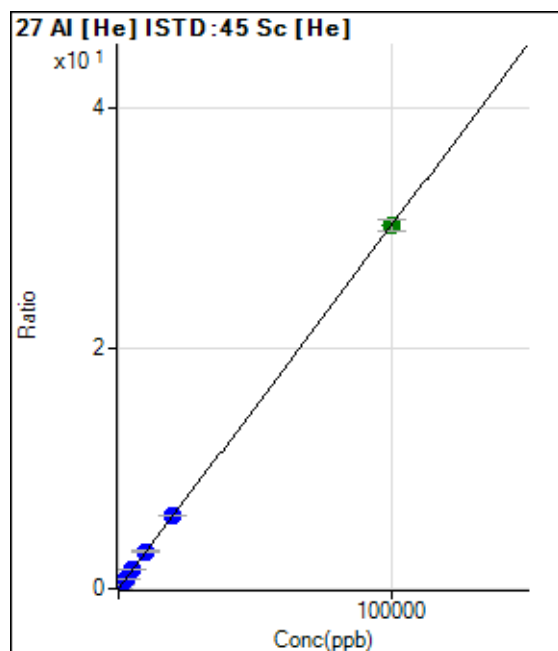
$$y = 7.4958\text{E-}004 * x + 7.8693\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.703$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0007	P	42.7
2	☐	2.000					
3	☐	20.000	18.659	561.14	0.0063	P	10.3
4	☐	1000.000	1044.801	29074.83	0.3160	P	1.9
5	☐	2500.000	2603.001	71490.83	0.7863	P	2.9
6	☐	5000.000	5214.172	141468.71	1.5744	P	1.2
7	☐	10000.000	10282.993	280012.02	3.1043	P	1.2
8	☐	20000.000	20268.571	555436.12	6.1183	P	0.7
9	☐	100000.00	99904.255	2657655.46	30.1545	A	3.1

$$y = 3.0183\text{E-}004 * x + 6.6114\text{E-}004$$

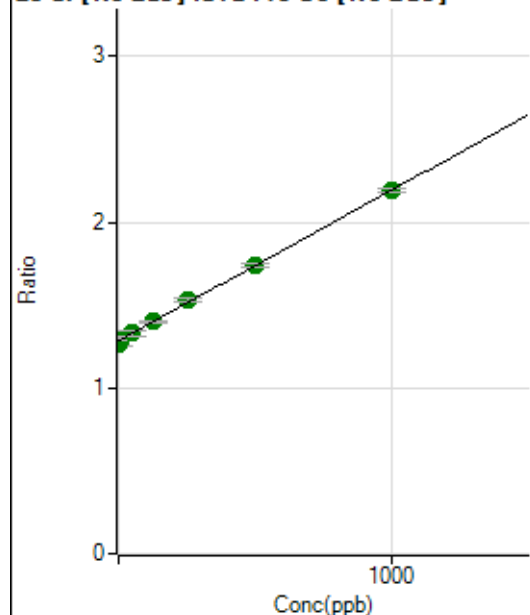
$$R = 1.0000$$

$$DL = 2.803$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.536	2004656.53	1.2691	A	2.0
2	☐	1.000					
3	☐	10.000	9.248	2055789.89	1.2926	A	1.4
4	☐	50.000	48.747	2133404.82	1.3285	A	1.9
5	☐	125.000	124.980	2230538.64	1.3978	A	0.7
6	☐	250.000	274.596	2417971.47	1.5338	A	1.4
7	☐	500.000	500.083	2720868.23	1.7389	A	1.1
8	☐	1000.000	993.882	3418887.80	2.1878	A	1.1
9	☐			1998774.24	1.2788	A	1.6

$$y = 9.092416E-004 * x + 1.284156$$

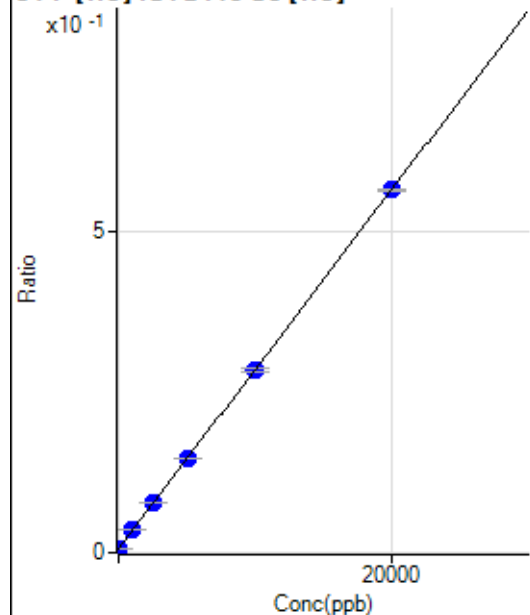
$$R = 0.9994$$

$$DL = 82.68$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.167	466.69	0.0053	P	8.7
2	☐	0.000					
3	☐	0.000	17.167	558.36	0.0063	P	14.3
4	☐	1000.000	1056.316	3242.15	0.0352	P	4.8
5	☐	2500.000	2546.876	6985.23	0.0768	P	1.4
6	☐	5000.000	5022.368	13109.12	0.1459	P	0.5
7	☐	10000.000	9974.706	25623.67	0.2840	P	1.7
8	☐	20000.000	19998.380	51173.10	0.5637	P	0.3
9	☐			566.69	0.0064	P	11.7

$$y = 2.7898E-005 * x + 0.0058$$

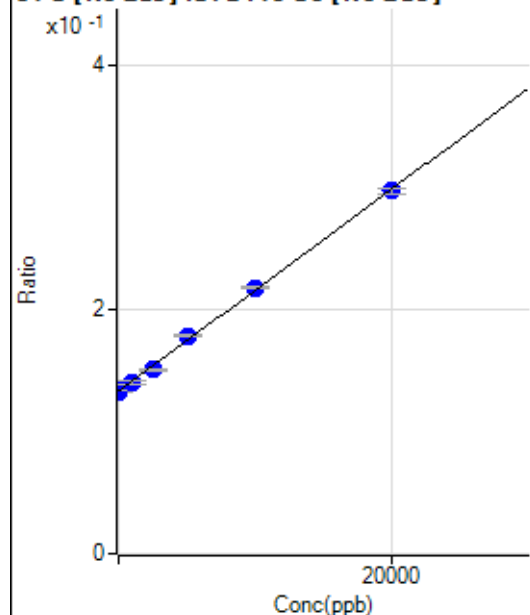
$$R = 1.0000$$

$$DL = 72.65$$

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	-48.916	210082.89	0.1330	P	0.5
2	☐	0.000					
3	☐	0.000	107.752	213578.92	0.1343	P	0.5
4	☐	1000.000	791.313	224742.15	0.1399	P	1.9
5	☐	2500.000	2144.822	241183.21	0.1512	P	1.2
6	☐	5000.000	5436.614	281264.32	0.1784	P	0.8
7	☐	10000.000	10245.475	341469.90	0.2182	P	0.5
8	☐	20000.000	19822.941	464968.13	0.2976	P	1.6
9	☐			209830.30	0.1343	P	1.8

$$y = 8.281513E-006 * x + 0.133392$$

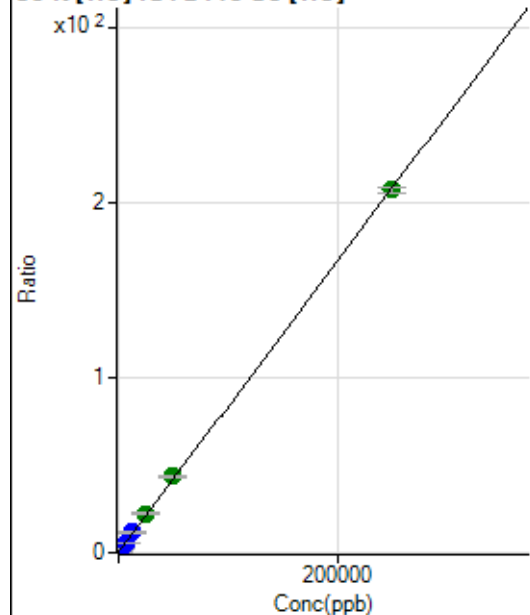
$$R = 0.9993$$

$$DL = 251.8$$

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	22064.90	0.2504	P	2.2
2	☐	50.000					
3	☐	500.000	525.802	61247.43	0.6868	P	1.1
4	☐	2500.000	2703.430	229450.79	2.4937	P	0.8
5	☐	6250.000	6829.945	538100.96	5.9179	P	1.1
6	☐	12500.000	13624.132	1038333.08	11.5557	P	0.8
7	☐	25000.000	26811.325	2029525.02	22.4984	A	0.2
8	☐	50000.000	52169.205	3952776.96	43.5403	A	1.3
9	☐	250000.00	249312.23	18254986.17	207.1290	A	1.8

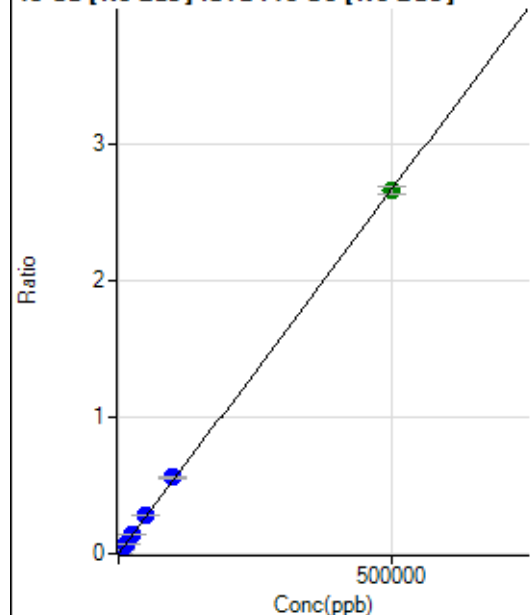
$$y = 8.2980E-004 * x + 0.2504$$

$$R = 0.9999$$

$$DL = 19.93$$

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	661.15	0.0004	P	13.4
2	☐	50.000					
3	☐	500.000	496.215	4862.09	0.0031	P	5.8
4	☐	5000.000	5145.024	44593.53	0.0278	P	1.9
5	☐	12500.000	13129.866	112025.23	0.0702	P	2.0
6	☐	25000.000	26277.706	220852.90	0.1401	P	0.4
7	☐	50000.000	51902.202	432308.17	0.2763	P	0.9
8	☐	100000.00	104965.77	872502.31	0.5583	P	1.3
9	☐	500000.00	498735.54	4143903.61	2.6514	A	2.1

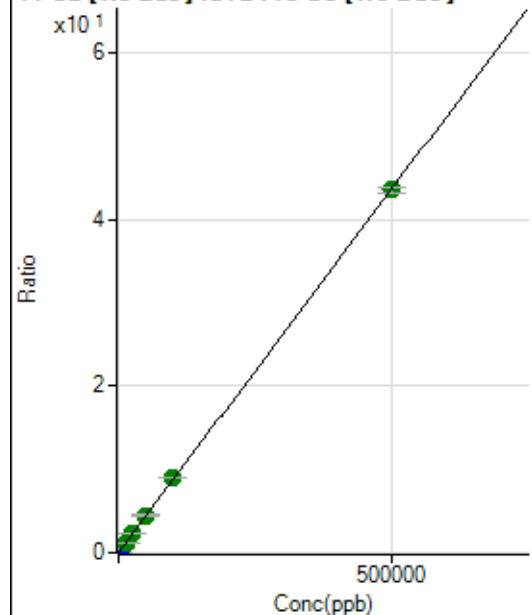
$$y = 5.3153\text{E-}006 * x + 4.1884\text{E-}004$$

$$R = 0.9999$$

$$DL = 31.77$$

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	14772.07	0.0094	P	1.9
2	☐	50.000					
3	☐	500.000	505.444	84958.94	0.0534	P	1.8
4	☐	5000.000	5265.723	752379.80	0.4684	P	0.5
5	☐	12500.000	13084.386	1835130.77	1.1501	A	1.3
6	☐	25000.000	26423.289	3646675.25	2.3131	A	0.6
7	☐	50000.000	51155.382	6993380.19	4.4694	A	1.6
8	☐	100000.00	103498.87	14115259.34	9.0330	A	1.7
9	☐	500000.00	499096.25	68032451.52	43.5235	A	1.3

$$y = 8.7186\text{E-}005 * x + 0.0094$$

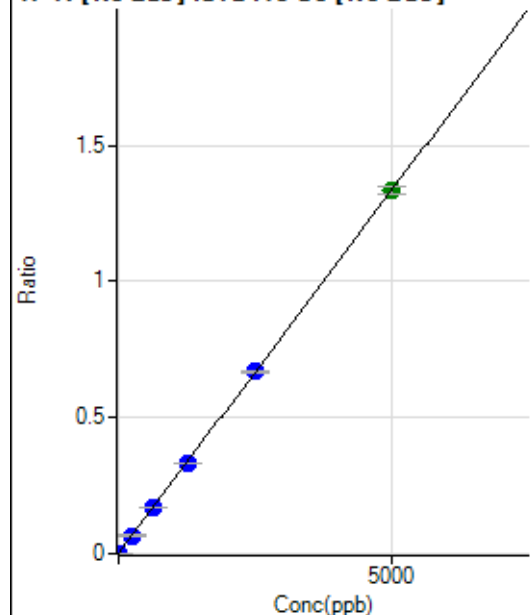
$$R = 1.0000$$

$$DL = 6.161$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1572.35	0.0010	P	5.1
2	☐	1.000					
3	☐	10.000	4.684	3570.00	0.0022	P	6.8
4	☐	250.000	247.031	107393.41	0.0669	P	1.9
5	☐	625.000	629.060	269260.97	0.1687	P	0.4
6	☐	1250.000	1251.564	527723.02	0.3347	P	0.2
7	☐	2500.000	2508.720	1048272.38	0.6700	P	1.2
8	☐	5000.000	4994.901	2082949.70	1.3330	A	2.0
9	☐			1880.74	0.0012	P	14.2

$$y = 2.6667\text{E-}004 * x + 9.9495\text{E-}004$$

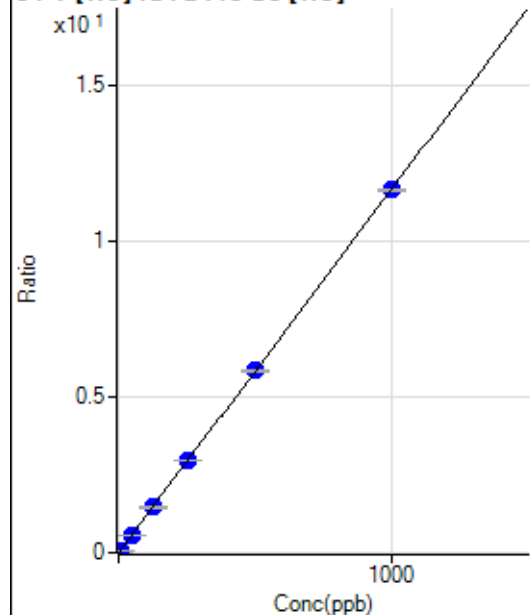
$$R = 1.0000$$

$$DL = 0.5711$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0003	P	7.1
2	☐	0.500					
3	☐	5.000	4.974	5207.68	0.0584	P	2.5
4	☐	50.000	49.623	53345.53	0.5798	P	0.2
5	☐	125.000	124.933	132675.66	1.4591	P	1.0
6	☐	250.000	254.404	266961.36	2.9710	P	0.4
7	☐	500.000	500.594	527288.63	5.8457	P	1.4
8	☐	1000.000	998.630	1058633.53	11.6613	P	0.6
9	☐			203.34	0.0023	P	18.1

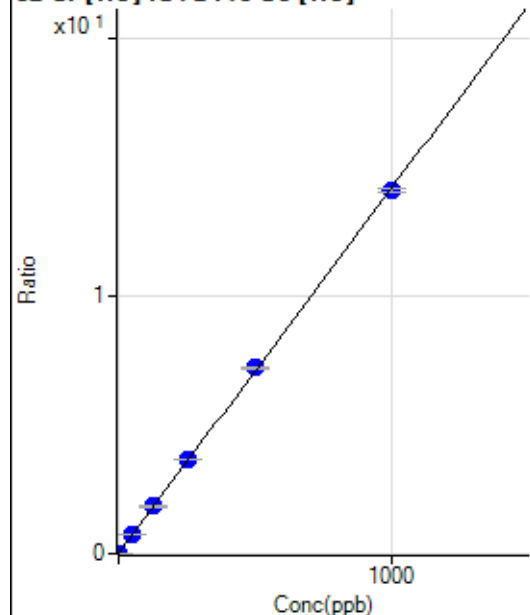
$$y = 0.0117 * x + 3.1537\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.00577$$

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	781.14	0.0089	P	13.6
2	☐	0.200					
3	☐	2.000	1.935	3231.51	0.0362	P	3.7
4	☐	50.000	50.848	67033.86	0.7285	P	0.2
5	☐	125.000	128.413	166059.50	1.8263	P	1.3
6	☐	250.000	258.169	329129.82	3.6628	P	0.4
7	☐	500.000	509.199	650880.63	7.2158	P	1.2
8	☐	1000.000	992.889	1276538.52	14.0617	P	0.9
9	☐			9753.47	0.1107	P	3.3

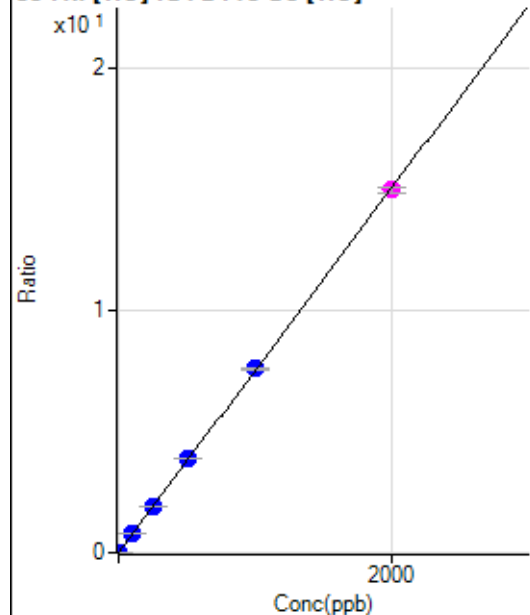
$$y = 0.0142 * x + 0.0089$$

$$R = 0.9999$$

$$DL = 0.256$$

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	53.33	0.0006	P	5.8
2	☐	0.100					
3	☐	1.000	1.037	748.92	0.0084	P	5.7
4	☐	100.000	101.346	70152.52	0.7625	P	1.4
5	☐	250.000	256.323	175255.73	1.9275	P	1.6
6	☐	500.000	514.923	347869.23	3.8714	P	0.8
7	☐	1000.000	1009.465	684546.09	7.5891	P	1.0
8	☐	2000.000	1990.679	1358559.75	14.9652	M	1.3
9	☐			4928.69	0.0559	P	2.3

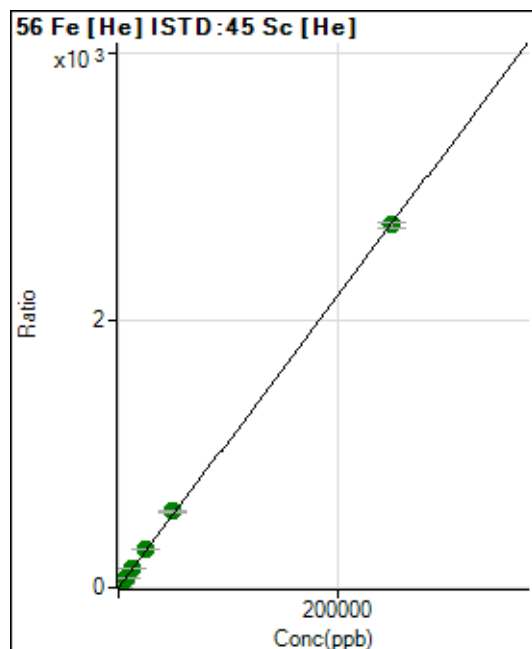
$$y = 0.0075 * x + 6.0529E-004$$

$$R = 1.0000$$

$$DL = 0.01409$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2189.10	0.0249	P	9.9
2	☐	5.000					
3	☐	50.000	54.596	55342.50	0.6205	P	0.5
4	☐	2500.000	2722.076	2734691.38	29.7214	A	0.7
5	☐	6250.000	6725.830	6674191.99	73.4004	A	0.7
6	☐	12500.000	13530.962	13266026.22	147.6412	A	1.1
7	☐	25000.000	26525.936	26105254.06	289.4101	A	1.0
8	☐	50000.000	52523.676	52023276.63	573.0329	A	1.9
9	☐	250000.00	249277.00	239680190.5	2,719.517	A	1.7

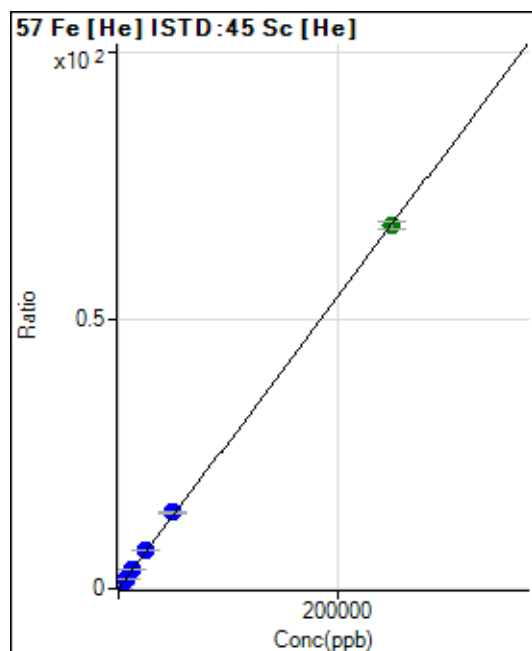
$$y = 0.0109 * x + 0.0249$$

$$R = 0.9999$$

$$DL = 0.68$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.82	0.0007	P	26.6
2	☐	5.000					
3	☐	50.000	54.681	1387.13	0.0155	P	5.6
4	☐	2500.000	2697.803	67313.51	0.7316	P	0.6
5	☐	6250.000	6717.218	165521.09	1.8204	P	1.8
6	☐	12500.000	13510.514	328932.63	3.6607	P	0.7
7	☐	25000.000	26581.103	649597.35	7.2015	P	0.7
8	☐	50000.000	52494.149	1291063.43	14.2213	P	1.5
9	☐	250000.00	249278.87	5951425.83	67.5299	A	2.0

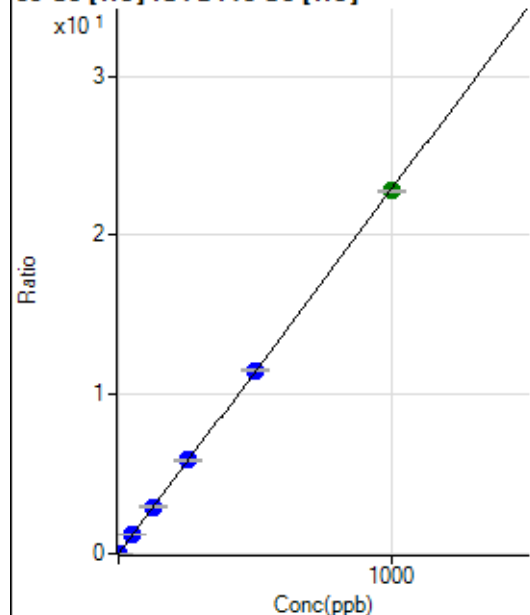
$$y = 2.7090E-004 * x + 7.3645E-004$$

$$R = 0.9999$$

$$DL = 2.168$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.44	0.0011	P	27.7
2	☐	0.100					
3	☐	1.000	1.007	2150.19	0.0241	P	2.2
4	☐	50.000	51.151	107791.33	1.1715	P	1.5
5	☐	125.000	128.724	267920.91	2.9466	P	1.3
6	☐	250.000	256.988	528481.11	5.8816	P	1.0
7	☐	500.000	503.973	1040296.12	11.5332	P	1.2
8	☐	1000.000	995.743	2068549.80	22.7861	A	0.8
9	☐			22981.24	0.2607	P	1.7

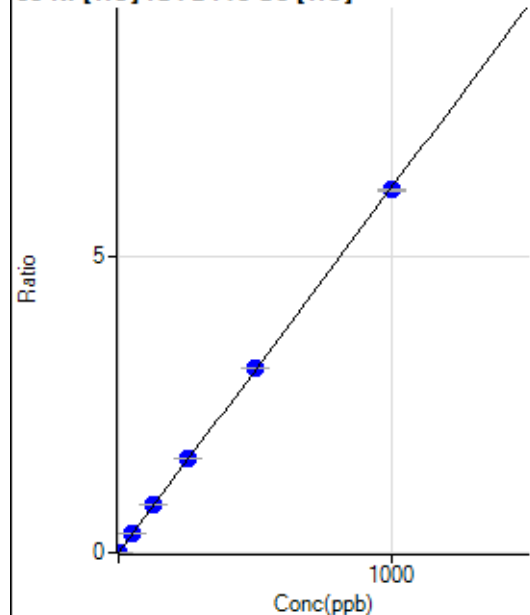
$$y = 0.0229 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 0.03907$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.89	0.0011	P	11.6
2	☐	0.100					
3	☐	1.000	1.042	672.25	0.0075	P	6.1
4	☐	50.000	51.592	29316.43	0.3186	P	0.5
5	☐	125.000	130.171	72942.75	0.8022	P	0.4
6	☐	250.000	258.793	143200.63	1.5937	P	1.2
7	☐	500.000	506.090	281038.77	3.1155	P	0.2
8	☐	1000.000	994.031	555432.84	6.1182	P	0.3
9	☐			6678.34	0.0758	P	2.0

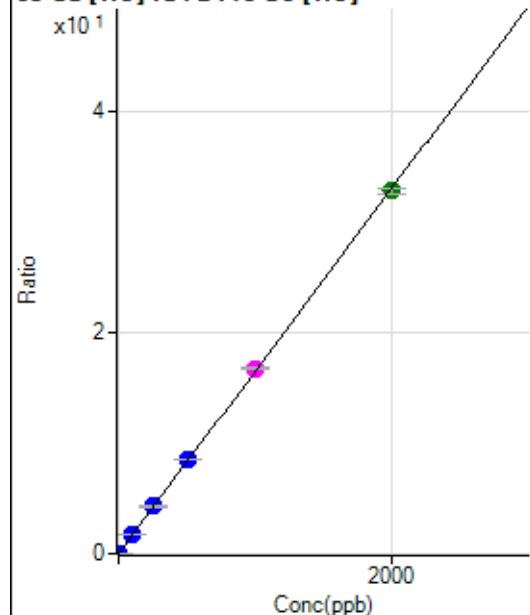
$$y = 0.0062 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.06345$$

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	1005.60	0.0114	P	9.9
2	☐	0.200					
3	☐	2.000	1.966	3909.47	0.0438	P	3.5
4	☐	100.000	102.790	157004.66	1.7064	P	0.7
5	☐	250.000	258.130	388060.32	4.2678	P	0.8
6	☐	500.000	515.364	764616.46	8.5094	P	0.7
7	☐	1000.000	1013.042	1507804.96	16.7158	M	0.8
8	☐	2000.000	1988.482	2977623.98	32.8002	A	1.3
9	☐			4644.15	0.0527	P	2.1

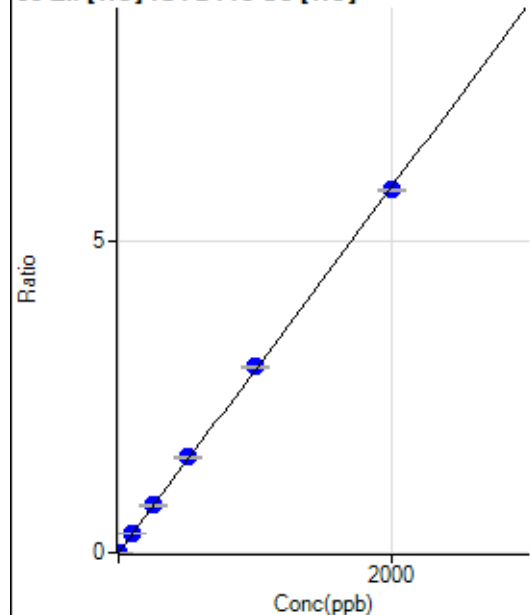
$$y = 0.0165 * x + 0.0114$$

$$R = 0.9999$$

$$DL = 0.2062$$

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	61.11	0.0007	P	32.2
2	☐	0.200					
3	☐	2.000	1.889	554.46	0.0062	P	9.3
4	☐	100.000	103.552	27932.58	0.3036	P	1.9
5	☐	250.000	258.099	68707.02	0.7557	P	1.6
6	☐	500.000	521.580	137151.81	1.5264	P	0.5
7	☐	1000.000	1015.745	268061.09	2.9718	P	1.2
8	☐	2000.000	1985.542	527308.61	5.8086	P	0.8
9	☐			4756.42	0.0539	P	3.2

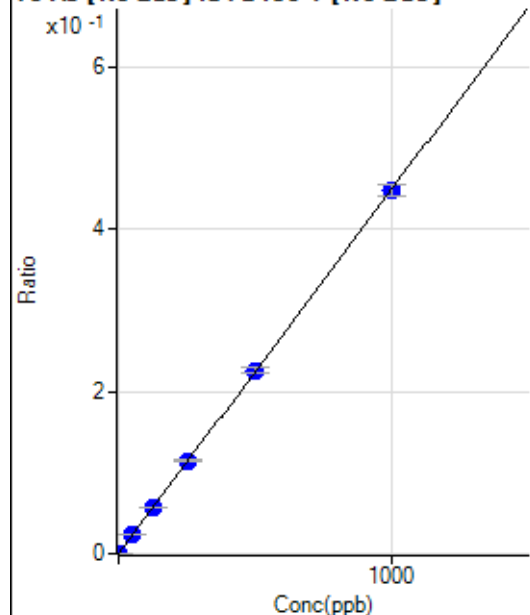
$$y = 0.0029 * x + 6.9418E-004$$

$$R = 0.9999$$

$$DL = 0.2292$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.60	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	0.972	1248.02	0.0005	P	6.1
4	☐	50.000	50.786	51230.21	0.0229	P	0.4
5	☐	125.000	125.856	129404.32	0.0566	P	2.3
6	☐	250.000	255.301	259186.78	0.1147	P	2.1
7	☐	500.000	504.234	509516.95	0.2264	P	2.1
8	☐	1000.000	996.412	1008860.82	0.4472	P	3.3
9	☐			1958.83	0.0009	P	10.2

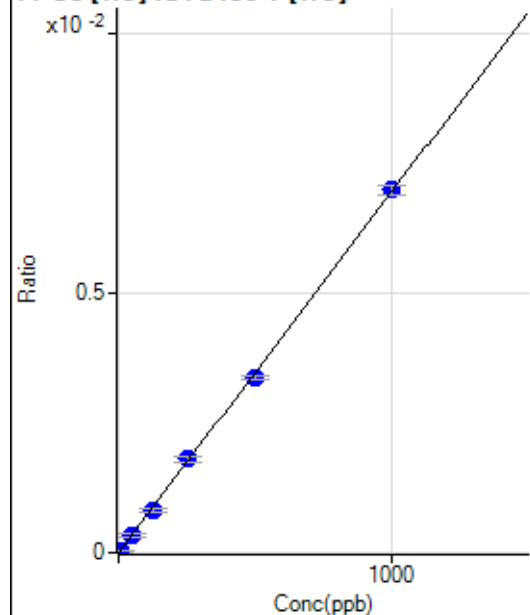
$$y = 4.4871\text{E-}004 * x + 1.1188\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.08505$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.369	20.00	0.0000	P	29.7
4	☐	50.000	47.712	171.11	0.0003	P	14.4
5	☐	125.000	116.207	417.79	0.0008	P	8.4
6	☐	250.000	259.380	915.60	0.0018	P	6.8
7	☐	500.000	484.430	1716.79	0.0034	P	1.6
8	☐	1000.000	1006.651	3559.39	0.0070	P	2.7
9	☐			3.33	0.0000	P	99.7

$$y = 6.9462\text{E-}006 * x + 2.1933\text{E-}006$$

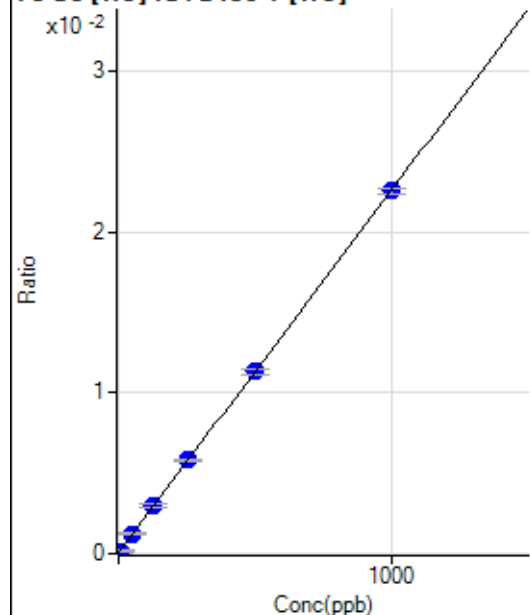
$$R = 0.9997$$

$$DL = 1.641$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.00	0.0001	P	15.6
2	☐	0.500					
3	☐	5.000	5.087	90.34	0.0002	P	4.0
4	☐	50.000	52.574	640.75	0.0012	P	2.7
5	☐	125.000	129.725	1543.25	0.0030	P	4.2
6	☐	250.000	256.444	2968.62	0.0058	P	1.6
7	☐	500.000	498.985	5773.13	0.0113	P	2.6
8	☐	1000.000	998.177	11493.93	0.0226	P	1.9
9	☐			36.34	0.0001	P	32.6

$$y = 2.2565E-005 * x + 6.3284E-005$$

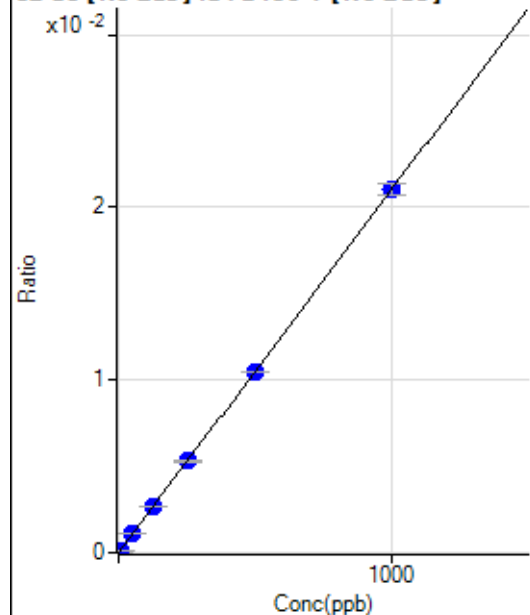
$$R = 1.0000$$

$$DL = 1.312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-17.41	0.0000	P	-165.
2	☐	0.500					
3	☐	5.000	5.295	236.54	0.0001	P	26.2
4	☐	50.000	54.067	2526.29	0.0011	P	0.4
5	☐	125.000	126.421	6062.62	0.0027	P	0.4
6	☐	250.000	252.971	12005.04	0.0053	P	2.0
7	☐	500.000	498.136	23560.53	0.0105	P	0.9
8	☐	1000.000	999.807	47408.37	0.0210	P	3.0
9	☐			-33.62	0.0000	P	-105.

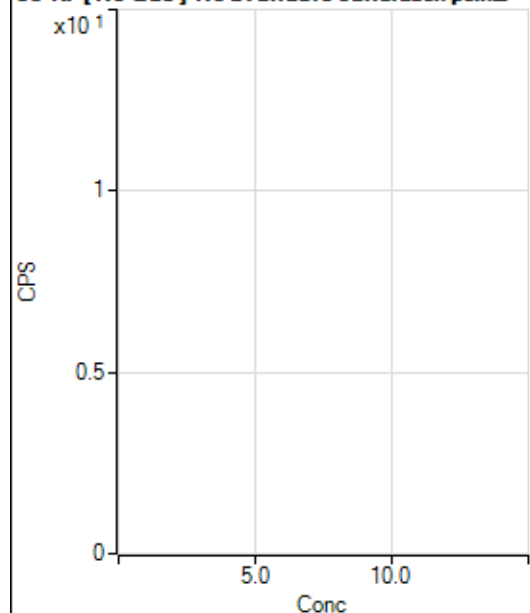
$$y = 2.1026E-005 * x - 7.5427E-006$$

$$R = 1.0000$$

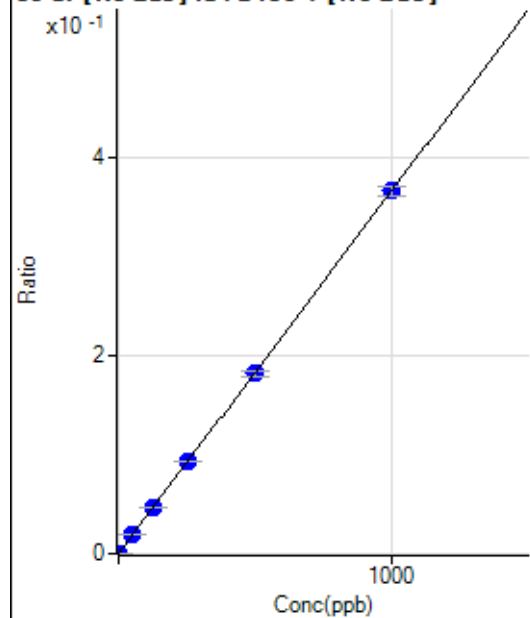
$$DL = 1.784$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			307.78		P	10.2
2	☐						
3	☐			304.45		P	14.1
4	☐			237.78		P	27.7
5	☐			287.78		P	9.6
6	☐			322.23		P	7.9
7	☐			315.56		P	10.2
8	☐			334.45		P	9.0
9	☐			333.34		P	10.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	461.13	0.0002	P	15.9
2	☐	0.100					
3	☐	1.000	0.794	1125.08	0.0005	P	11.1
4	☐	50.000	51.357	42569.60	0.0190	P	2.8
5	☐	125.000	125.155	105395.79	0.0461	P	1.5
6	☐	250.000	253.184	210258.28	0.0930	P	1.3
7	☐	500.000	497.639	411038.45	0.1826	P	3.0
8	☐	1000.000	1000.297	827807.52	0.3669	P	2.5
9	☐			3647.82	0.0017	P	4.7

$$y = 3.6659\text{E-}004 * x + 2.0303\text{E-}004$$

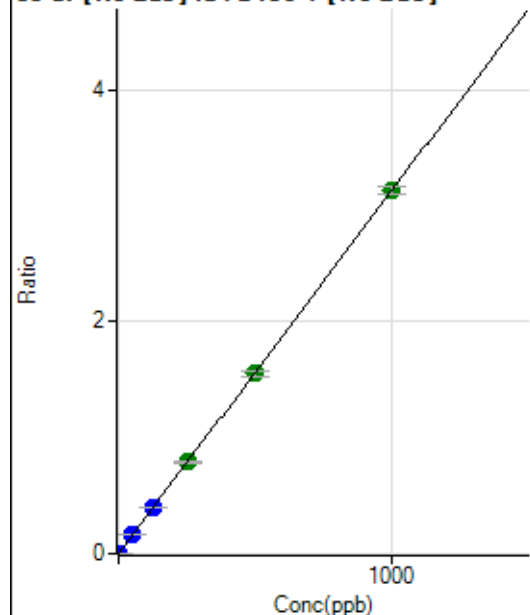
$$R = 1.0000$$

$$DL = 0.2643$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	0.953	6890.81	0.0030	P	8.6
4	☐	50.000	51.612	361480.20	0.1616	P	1.1
5	☐	125.000	127.698	914200.74	0.3997	P	1.7
6	☐	250.000	253.580	1794042.56	0.7938	A	2.5
7	☐	500.000	497.241	3502954.38	1.5564	A	3.4
8	☐	1000.000	1000.067	7063311.62	3.1303	A	2.2
9	☐			28179.73	0.0130	P	2.0

$$y = 0.0031 * x + 4.0514E-005$$

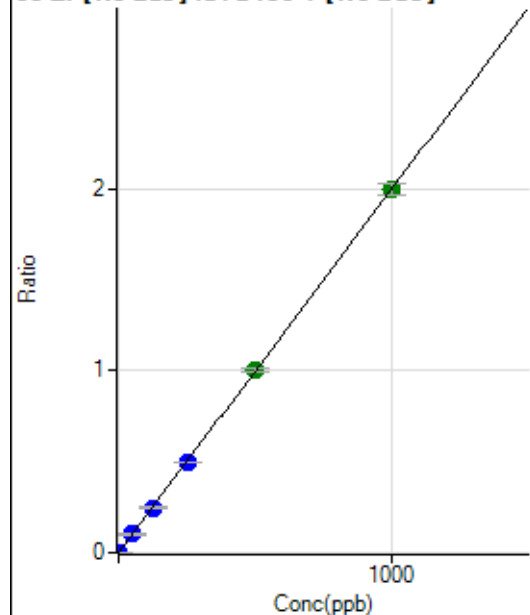
$$R = 1.0000$$

$$DL = 0.01111$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	0.904	4298.01	0.0019	P	6.7
4	☐	50.000	50.329	224829.93	0.1005	P	0.9
5	☐	125.000	123.692	564619.45	0.2469	P	1.4
6	☐	250.000	248.172	1119488.08	0.4952	P	1.2
7	☐	500.000	504.030	2263840.13	1.0058	A	1.9
8	☐	1000.000	998.589	4495171.11	1.9925	A	3.0
9	☐			991.73	0.0005	P	5.5

$$y = 0.0020 * x + 8.2144E-005$$

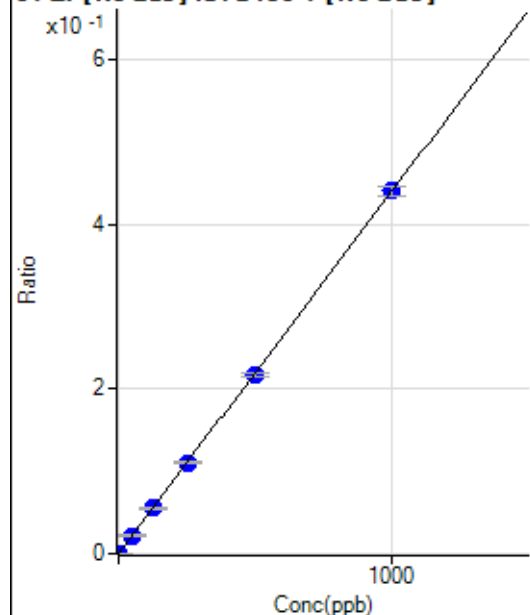
$$R = 1.0000$$

$$DL = 0.01776$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	0.908	944.51	0.0004	P	14.5
4	☐	50.000	50.344	49487.73	0.0221	P	1.5
5	☐	125.000	125.586	126151.84	0.0552	P	2.0
6	☐	250.000	252.194	250378.67	0.1108	P	0.7
7	☐	500.000	494.320	488623.25	0.2171	P	1.6
8	☐	1000.000	1002.201	992890.85	0.4401	P	2.9
9	☐			258.34	0.0001	P	6.1

$$y = 4.3910\text{E-}004 * x + 1.5923\text{E-}005$$

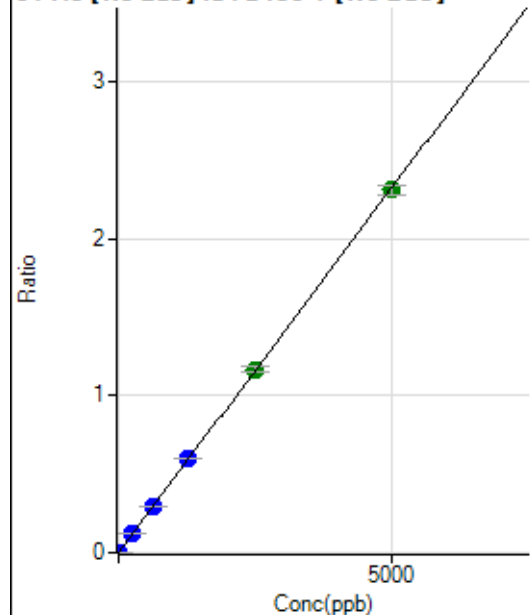
$$R = 1.0000$$

$$DL = 0.01522$$

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	86.11	0.0000	P	40.3
2	☐	1.000					
3	☐	10.000	4.927	5298.42	0.0023	P	5.4
4	☐	250.000	260.714	270975.08	0.1211	P	0.3
5	☐	625.000	637.605	677394.85	0.2962	P	0.9
6	☐	1250.000	1294.733	1359335.46	0.6014	P	1.7
7	☐	2500.000	2519.061	2633528.38	1.1700	A	2.3
8	☐	5000.000	4977.185	5215629.11	2.3117	A	2.7
9	☐			1966.87	0.0009	P	11.2

$$y = 4.6446\text{E-}004 * x + 3.8057\text{E-}005$$

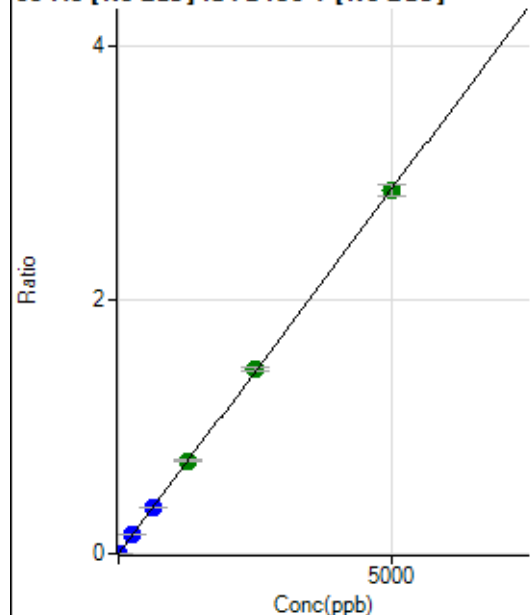
$$R = 0.9999$$

$$DL = 0.09901$$

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	16.66	0.0000	P	87.7
2	☐	1.000					
3	☐	10.000	5.046	6607.36	0.0029	P	0.4
4	☐	250.000	257.709	330607.83	0.1478	P	1.2
5	☐	625.000	634.657	832406.35	0.3639	P	0.9
6	☐	1250.000	1274.773	1652387.27	0.7310	A	1.5
7	☐	2500.000	2524.886	3259057.37	1.4479	A	1.9
8	☐	5000.000	4979.781	6442021.85	2.8556	A	3.3
9	☐			2680.90	0.0012	P	3.0

$$y = 5.7345\text{E-}004 * x + 7.3882\text{E-}006$$

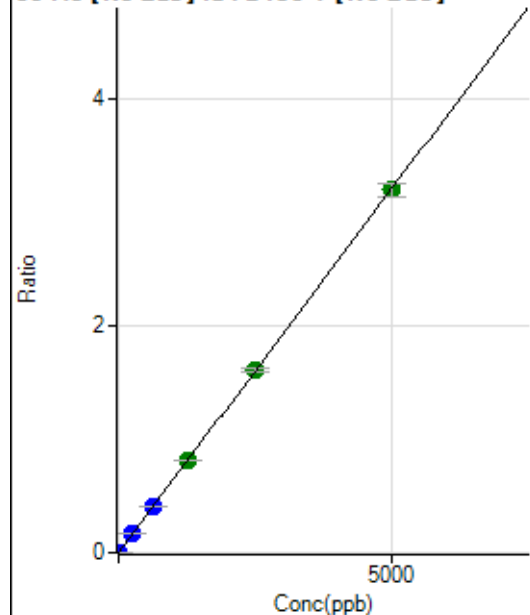
$$R = 1.0000$$

$$DL = 0.03388$$

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	58.34	0.0000	P	27.1
2	☐	1.000					
3	☐	10.000	5.086	7488.36	0.0033	P	3.3
4	☐	250.000	257.299	369240.57	0.1651	P	0.5
5	☐	625.000	635.039	931638.82	0.4073	P	0.8
6	☐	1250.000	1271.269	1843305.83	0.8154	A	0.6
7	☐	2500.000	2510.396	3624219.66	1.6102	A	2.2
8	☐	5000.000	4987.875	7216519.69	3.1992	A	3.7
9	☐			3425.53	0.0016	P	6.3

$$y = 6.4139\text{E-}004 * x + 2.5637\text{E-}005$$

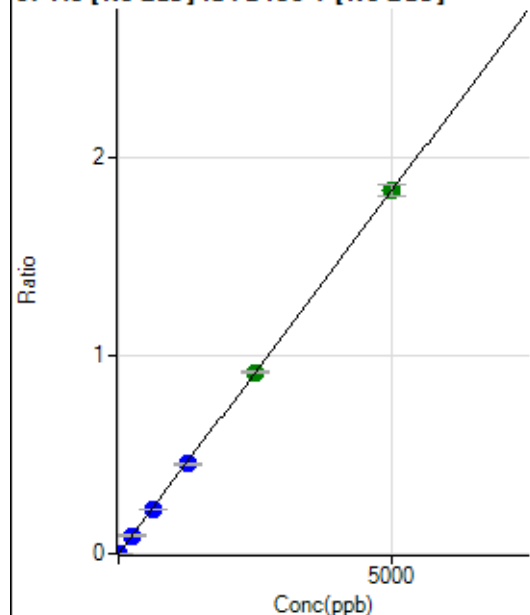
$$R = 1.0000$$

$$DL = 0.03244$$

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	133.34	0.0001	P	23.4
2	☐	1.000					
3	☐	10.000	4.874	4200.75	0.0018	P	3.7
4	☐	250.000	251.123	205913.77	0.0920	P	0.7
5	☐	625.000	618.838	518616.90	0.2267	P	0.8
6	☐	1250.000	1236.138	1023664.34	0.4529	P	1.4
7	☐	2500.000	2503.311	2064279.99	0.9170	A	1.2
8	☐	5000.000	5002.534	4134002.83	1.8325	A	3.3
9	☐			1789.06	0.0008	P	8.5

$$y = 3.6631\text{E-}004 * x + 5.8825\text{E-}005$$

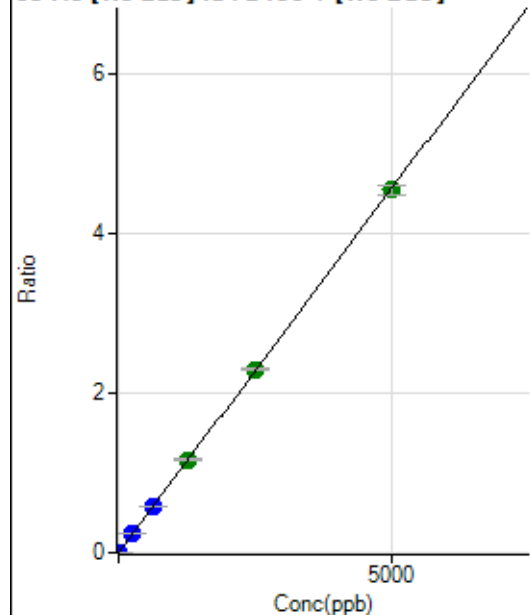
$$R = 1.0000$$

$$DL = 0.1128$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	12.0
2	☐	1.000					
3	☐	10.000	5.121	10696.13	0.0047	P	3.2
4	☐	250.000	258.792	529054.27	0.2365	P	0.6
5	☐	625.000	636.690	1330698.33	0.5818	P	0.6
6	☐	1250.000	1274.350	2632199.82	1.1645	A	1.6
7	☐	2500.000	2517.377	5177926.12	2.3003	A	1.6
8	☐	5000.000	4983.333	10273248.75	4.5536	A	2.9
9	☐			4084.06	0.0019	P	6.3

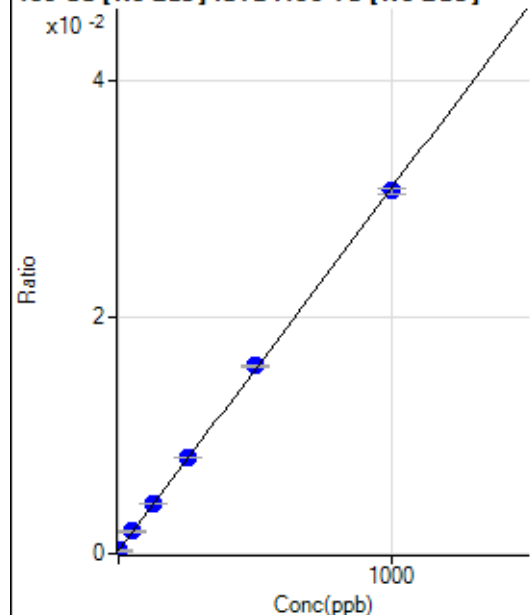
$$y = 9.1377\text{E-}004 * x + 1.7133\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.006742$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	591.70	0.0002	P	11.9
2	☐	0.100					
3	☐	1.000	0.563	638.92	0.0003	P	19.1
4	☐	50.000	54.413	4542.56	0.0019	P	7.9
5	☐	125.000	128.928	10142.99	0.0042	P	1.3
6	☐	250.000	255.596	18999.85	0.0081	P	0.5
7	☐	500.000	510.480	37887.03	0.0159	P	1.2
8	☐	1000.000	992.650	73547.22	0.0307	P	1.6
9	☐			580.58	0.0003	P	9.2

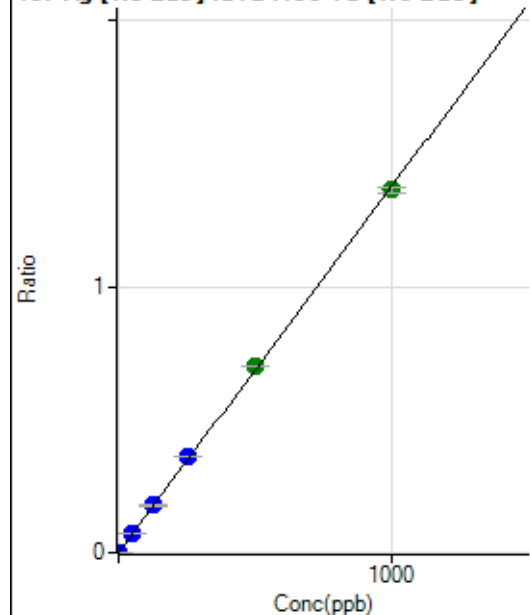
$$y = 3.0650\text{E-}005 * x + 2.4727\text{E-}004$$

$$R = 0.9999$$

$$DL = 2.881$$

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	47.22	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.923	3114.34	0.0013	P	1.1
4	☐	50.000	52.130	170130.21	0.0717	P	1.1
5	☐	125.000	129.092	428775.07	0.1775	P	1.0
6	☐	250.000	261.345	844902.15	0.3594	P	0.4
7	☐	500.000	510.474	1673078.88	0.7019	A	0.7
8	☐	1000.000	991.309	3268549.05	1.3631	A	1.2
9	☐			3950.72	0.0017	P	26.6

$$y = 0.0014 * x + 1.9781\text{E-}005$$

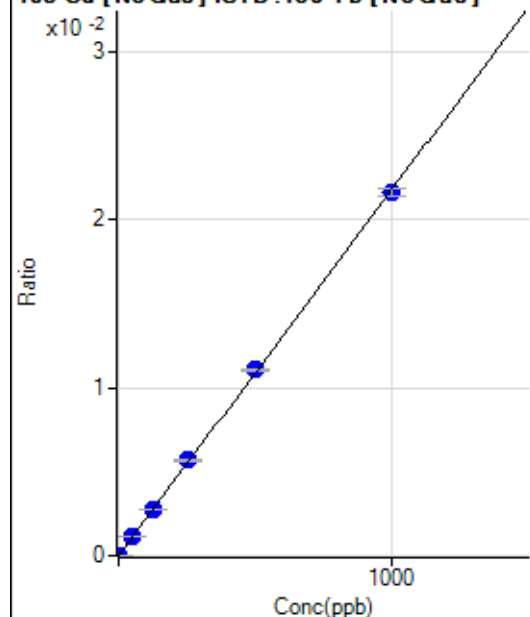
$$R = 0.9998$$

$$DL = 0.01205$$

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	4.17	0.0000	P	1.2
2	☐	0.100					
3	☐	1.000	0.821	47.22	0.0000	P	40.2
4	☐	50.000	53.201	2747.53	0.0012	P	1.5
5	☐	125.000	126.996	6669.78	0.0028	P	1.3
6	☐	250.000	261.887	13383.12	0.0057	P	2.3
7	☐	500.000	508.337	26334.03	0.0110	P	0.3
8	☐	1000.000	992.450	51712.30	0.0216	P	2.2
9	☐			6.94	0.0000	P	34.9

$$y = 2.1729\text{E-}005 * x + 1.7436\text{E-}006$$

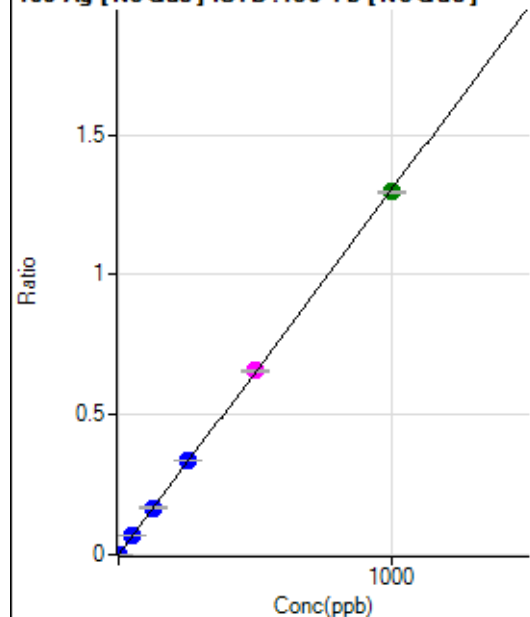
$$R = 0.9999$$

$$DL = 0.002825$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	0.954	3033.75	0.0013	P	2.9
4	☐	50.000	52.627	162688.02	0.0686	P	1.7
5	☐	125.000	128.845	405377.03	0.1678	P	1.9
6	☐	250.000	260.289	797166.79	0.3391	P	0.3
7	☐	500.000	504.566	1566564.53	0.6573	M	1.3
8	☐	1000.000	994.533	3106905.47	1.2955	A	0.8
9	☐			3731.17	0.0016	P	15.6

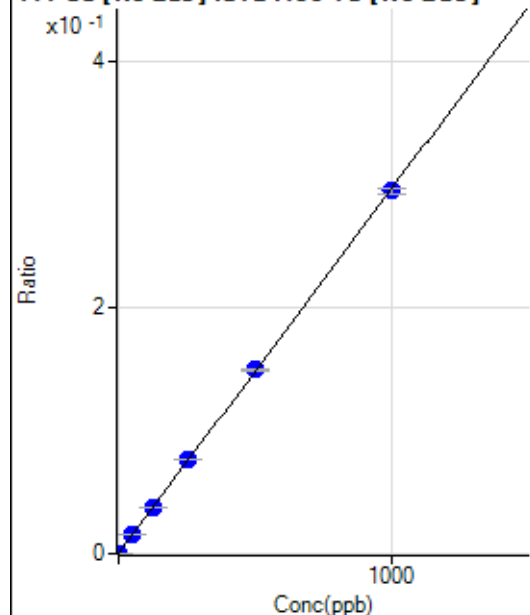
$$y = 0.0013 * x + 1.3917\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.007769$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	414.04	0.0002	P	11.2
2	☐	0.100					
3	☐	1.000	0.934	1086.44	0.0004	P	8.9
4	☐	50.000	52.040	37002.43	0.0156	P	3.6
5	☐	125.000	127.368	91582.77	0.0379	P	1.7
6	☐	250.000	258.905	180806.63	0.0769	P	1.0
7	☐	500.000	505.450	357452.67	0.1500	P	1.0
8	☐	1000.000	994.651	707252.59	0.2949	P	1.5
9	☐			482.10	0.0002	P	6.3

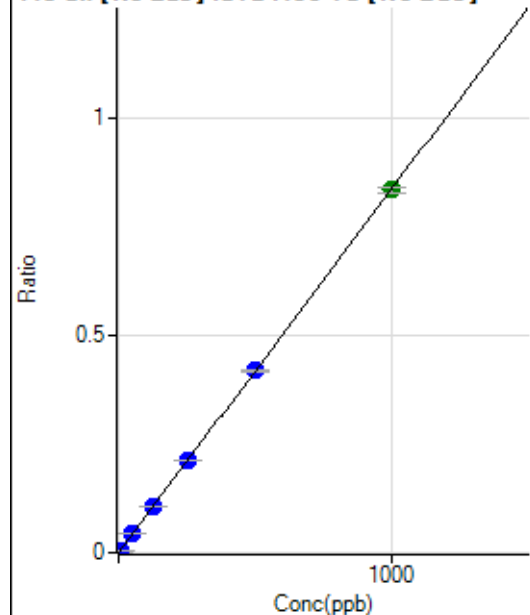
$$y = 2.9636\text{E-}004 * x + 1.7305\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1964$$

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	100.00	0.0000	P	34.3
2	☐	0.500					
3	☐	5.000	4.789	9781.61	0.0040	P	1.4
4	☐	50.000	50.813	101006.63	0.0426	P	2.2
5	☐	125.000	125.850	254489.94	0.1054	P	1.4
6	☐	250.000	255.236	502310.19	0.2137	P	0.6
7	☐	500.000	500.716	998913.32	0.4191	P	1.1
8	☐	1000.000	998.187	2003247.53	0.8354	A	1.6
9	☐			1316.77	0.0006	P	5.5

$$y = 8.3691\text{E-}004 * x + 4.1900\text{E-}005$$

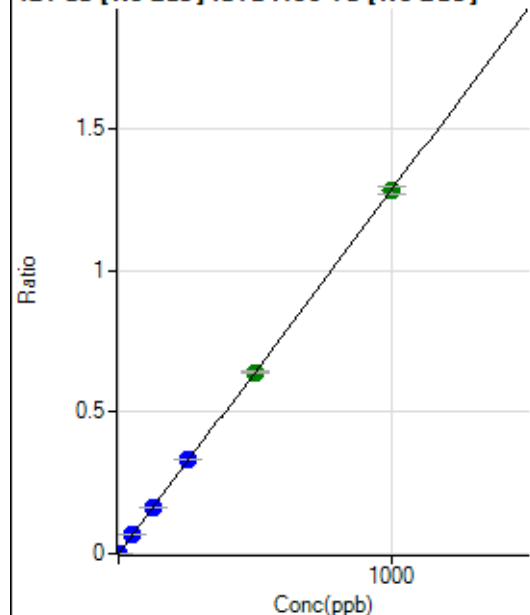
$$R = 1.0000$$

$$DL = 0.05157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.5
2	☐	0.200					
3	☐	2.000	1.921	5979.29	0.0025	P	3.0
4	☐	50.000	51.142	155896.99	0.0657	P	1.1
5	☐	125.000	126.179	391484.42	0.1621	P	1.2
6	☐	250.000	259.700	784309.81	0.3336	P	0.3
7	☐	500.000	498.706	1526880.09	0.6406	A	0.8
8	☐	1000.000	998.018	3073805.19	1.2820	A	2.1
9	☐			3264.37	0.0014	P	4.2

$$y = 0.0013 * x + 8.1750E-006$$

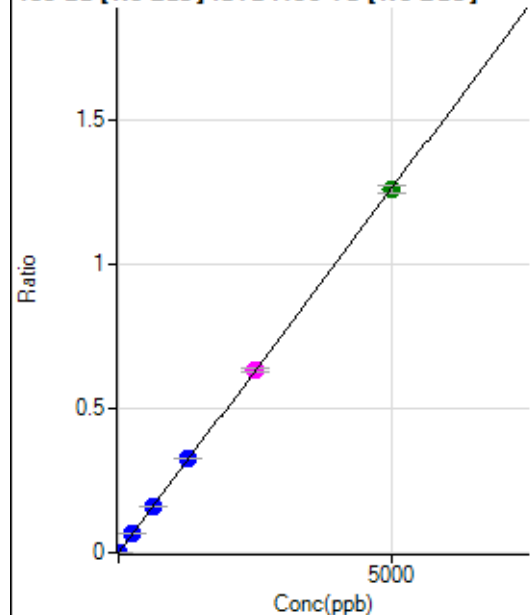
$$R = 0.9999$$

$$DL = 0.0171$$

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	11.11	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	9.654	5901.49	0.0024	P	3.4
4	☐	250.000	256.686	153846.87	0.0648	P	1.1
5	☐	625.000	635.057	387392.17	0.1604	P	1.9
6	☐	1250.000	1294.499	768719.97	0.3270	P	0.7
7	☐	2500.000	2507.760	1509702.78	0.6334	M	1.7
8	☐	5000.000	4983.405	3017973.09	1.2587	A	2.1
9	☐			438.91	0.0002	P	8.2

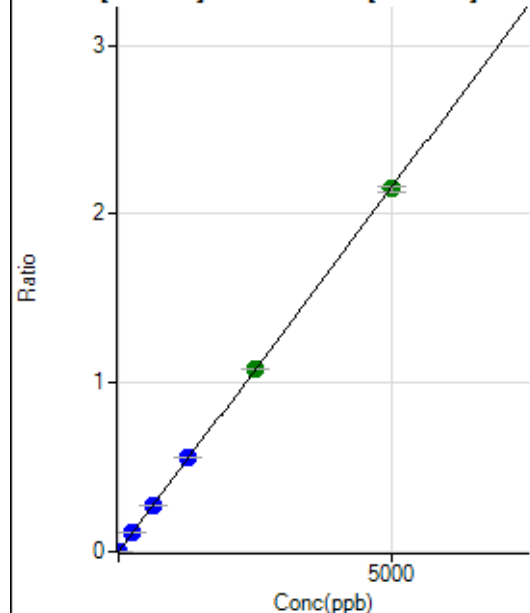
$$y = 2.5257E-004 * x + 4.6583E-006$$

$$R = 1.0000$$

$$DL = 0.04793$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.0
2	☐	1.000					
3	☐	10.000	9.975	10415.46	0.0043	P	4.3
4	☐	250.000	255.619	261657.55	0.1103	P	0.3
5	☐	625.000	631.263	657669.61	0.2723	P	1.5
6	☐	1250.000	1290.665	1308889.11	0.5567	P	0.7
7	☐	2500.000	2514.057	2584807.24	1.0844	A	0.6
8	☐	5000.000	4981.742	5152483.53	2.1488	A	1.7
9	☐			669.48	0.0003	P	10.5

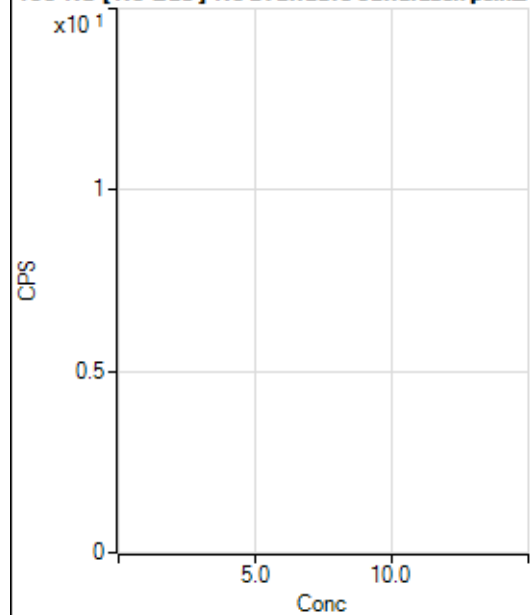
$$y = 4.3133\text{E-}004 * x + 9.2980\text{E-}006$$

$$R = 1.0000$$

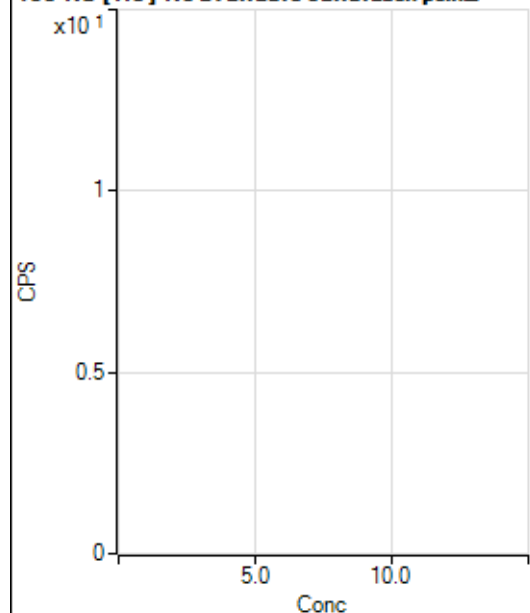
$$DL = 0.01425$$

Weight: <None>

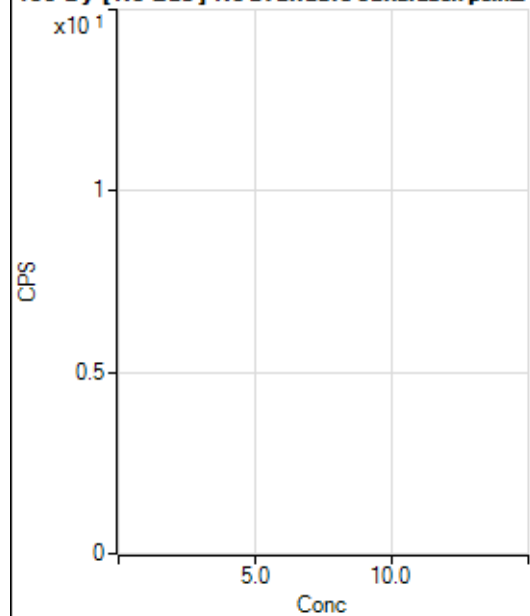
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

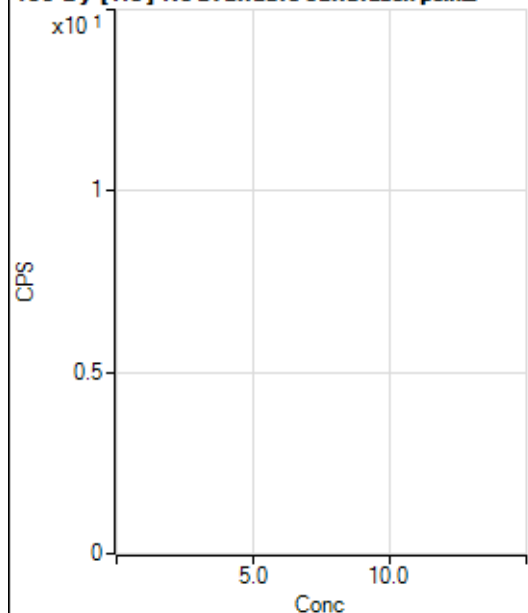
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			11.11		P	124.9
4	☐			6.67		P	100.0
5	☐			31.11		P	81.1
6	☐			60.00		P	29.4
7	☐			75.56		P	18.4
8	☐			131.11		P	10.6
9	☐			44.45		P	8.7

150 Nd [He] No available calibration points

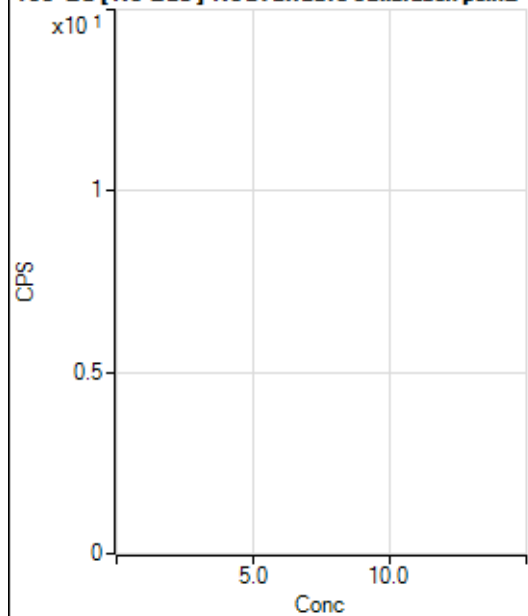
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			7.78		P	24.7
6	☐			4.44		P	43.4
7	☐			16.67		P	34.6
8	☐			25.56		P	32.8
9	☐			25.55		P	41.9

156 Dy [No Gas] No available calibration points

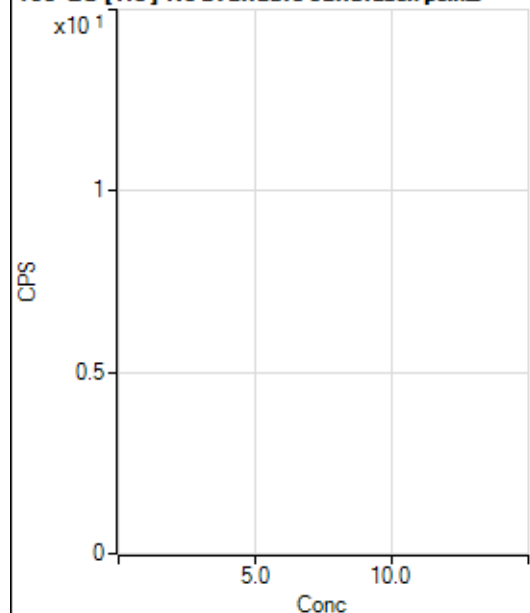
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.56		P	173.2
4	☐			8.33		P	100.0
5	☐			5.55		P	86.6
6	☐			13.89		P	69.3
7	☐			25.00		P	33.3
8	☐			33.33		P	25.0
9	☐			36.11		P	66.6

156 Dy [He] No available calibration points

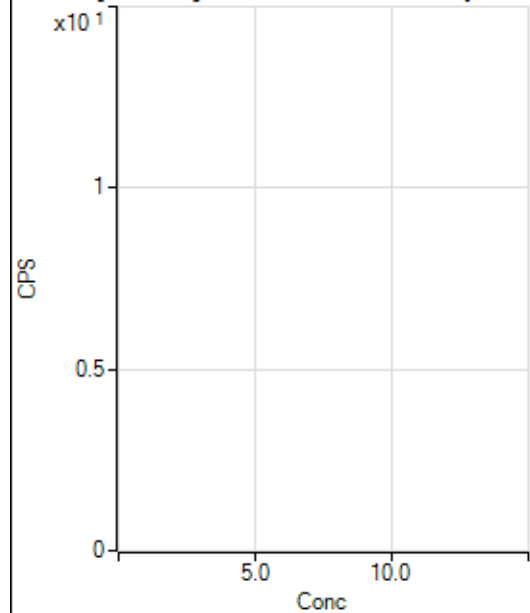
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			7.78		P	24.7
6	☐			2.22		P	173.2
7	☐			10.00		P	57.8
8	☐			10.00		P	57.8
9	☐			14.44		P	81.1

160 Gd [No Gas] Noavailable calibration poin_

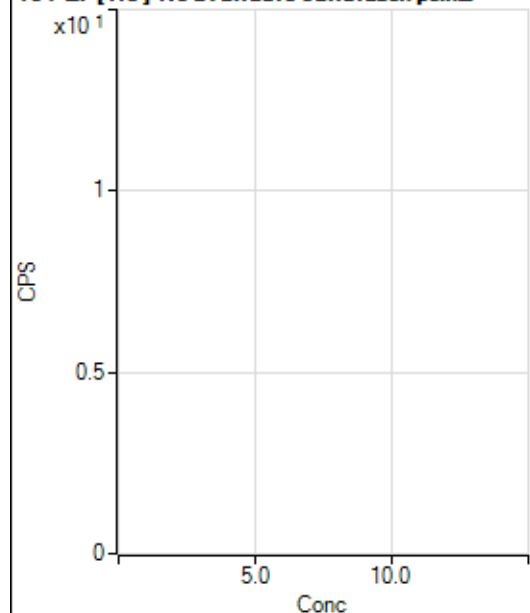
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	86.6
2	☐						
3	☐			13.89		P	91.6
4	☐			11.11		P	86.6
5	☐			25.00		P	33.3
6	☐			13.89		P	124.9
7	☐			27.78		P	105.4
8	☐			27.78		P	45.8
9	☐			19.44		P	65.5

160 Gd [He] No available calibration points

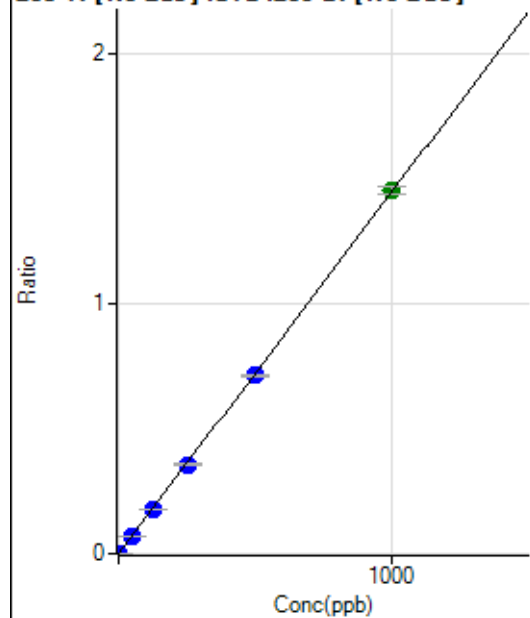
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			8.89		P	94.4
4	☐			15.56		P	12.4
5	☐			13.34		P	43.3
6	☐			7.78		P	65.5
7	☐			12.22		P	63.0
8	☐			18.89		P	20.4
9	☐			18.89		P	20.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	173.2
2	☐						
3	☐			19.44		P	49.5
4	☐			8.33		P	100.0
5	☐			8.33		P	100.0
6	☐			13.89		P	34.7
7	☐			13.89		P	91.6
8	☐			30.56		P	41.7
9	☐			19.44		P	99.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			4.44		P	43.4
4	☐			6.67		P	86.6
5	☐			7.78		P	24.7
6	☐			3.33		P	0.0
7	☐			6.67		P	0.0
8	☐			15.56		P	75.3
9	☐			8.89		P	78.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0000	P	53.8
2	☐	0.100					
3	☐	1.000	0.938	1975.21	0.0014	P	12.4
4	☐	50.000	48.892	99226.95	0.0706	P	1.3
5	☐	125.000	122.673	251083.30	0.1770	P	2.3
6	☐	250.000	246.993	494939.80	0.3564	P	1.0
7	☐	500.000	493.217	983200.59	0.7116	P	0.4
8	☐	1000.000	1004.490	1986235.57	1.4493	A	2.0
9	☐			363.90	0.0003	P	10.1

$$y = 0.0014 * x + 4.5328E-005$$

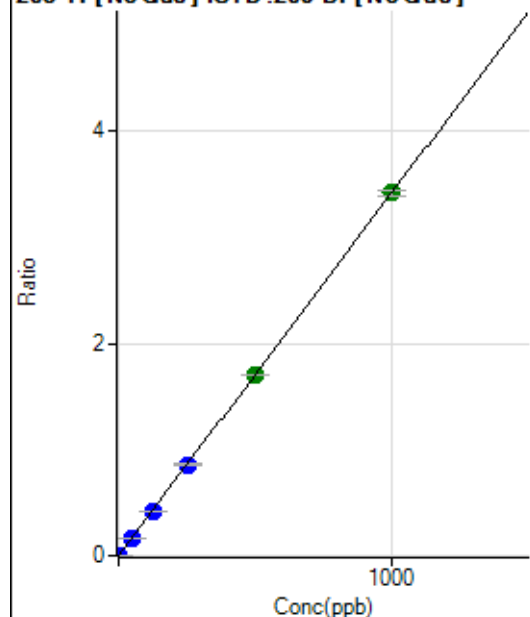
$$R = 1.0000$$

$$DL = 0.0507$$

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	100.00	0.0001	P	52.0
2	☐	0.100					
3	☐	1.000	0.892	4403.67	0.0031	P	1.6
4	☐	50.000	50.081	240535.65	0.1711	P	1.1
5	☐	125.000	124.129	601314.72	0.4240	P	0.8
6	☐	250.000	251.160	1191269.56	0.8578	P	0.7
7	☐	500.000	498.169	2350581.26	1.7013	A	0.5
8	☐	1000.000	1000.731	4683964.25	3.4175	A	1.5
9	☐			908.39	0.0007	P	10.4

$$y = 0.0034 * x + 7.1043E-005$$

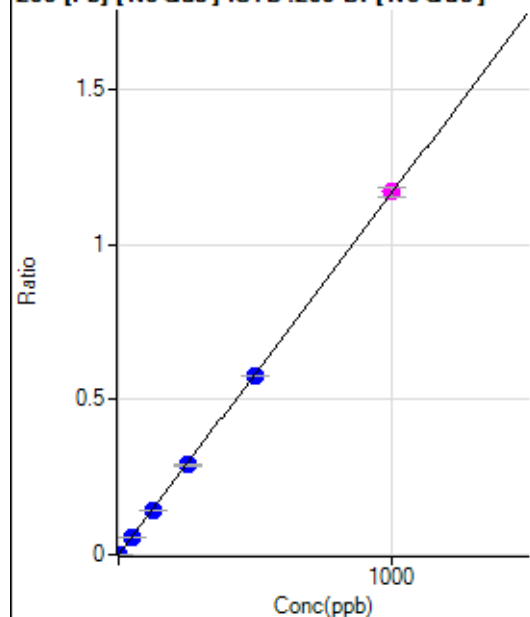
$$R = 1.0000$$

$$DL = 0.03245$$

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	325.94	0.0002	P	16.4
2	☐	0.100					
3	☐	1.000	0.877	1772.38	0.0013	P	4.0
4	☐	50.000	49.739	81943.88	0.0583	P	1.2
5	☐	125.000	123.720	205140.00	0.1446	P	0.6
6	☐	250.000	247.799	401989.18	0.2895	P	0.8
7	☐	500.000	494.015	796967.75	0.5768	P	0.7
8	☐	1000.000	1003.716	1605835.40	1.1717	M	2.4
9	☐			2448.43	0.0019	P	4.9

$$y = 0.0012 * x + 2.3186E-004$$

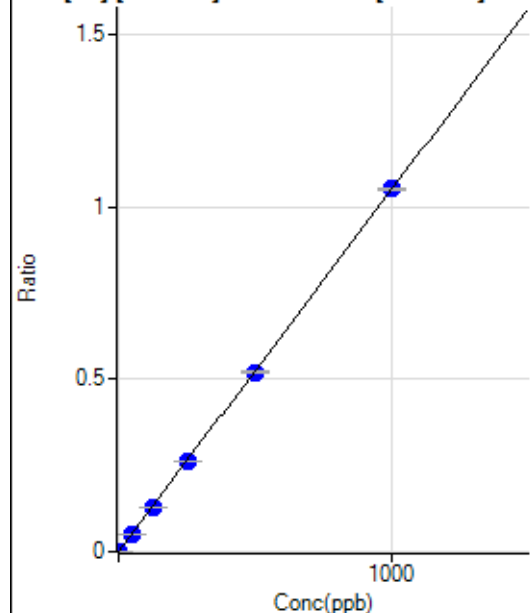
$$R = 1.0000$$

$$DL = 0.09771$$

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	262.97	0.0002	P	34.1
2	☐	0.100					
3	☐	1.000	0.969	1700.15	0.0012	P	3.7
4	☐	50.000	49.829	73757.01	0.0525	P	0.2
5	☐	125.000	123.818	184501.02	0.1301	P	1.1
6	☐	250.000	249.460	363716.29	0.2619	P	1.3
7	☐	500.000	495.878	719027.06	0.5204	P	0.9
8	☐	1000.000	1002.352	1441611.46	1.0518	P	0.6
9	☐			2253.94	0.0018	P	2.6

$$y = 0.0010 * x + 1.8708E-004$$

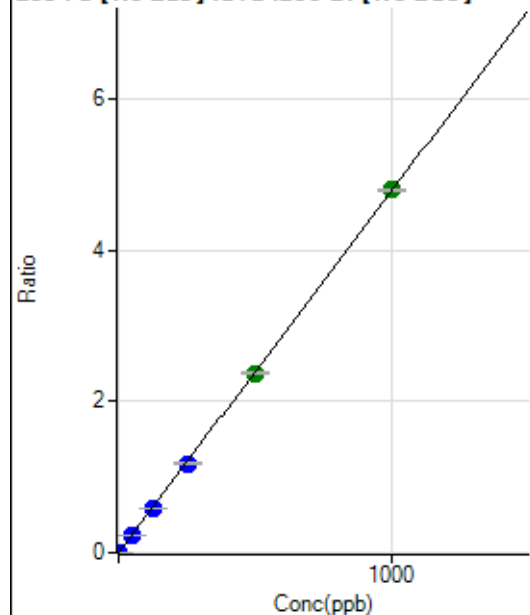
$$R = 1.0000$$

$$DL = 0.1824$$

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	1185.23	0.0008	P	16.6
2	☐	0.100					
3	☐	1.000	0.946	7567.71	0.0054	P	2.4
4	☐	50.000	49.007	330129.40	0.2348	P	0.3
5	☐	125.000	121.818	826099.36	0.5824	P	0.4
6	☐	250.000	246.672	1636725.14	1.1786	P	1.1
7	☐	500.000	495.660	3270737.92	2.3673	A	0.7
8	☐	1000.000	1003.450	6567559.26	4.7917	A	0.9
9	☐			9935.02	0.0079	P	4.4

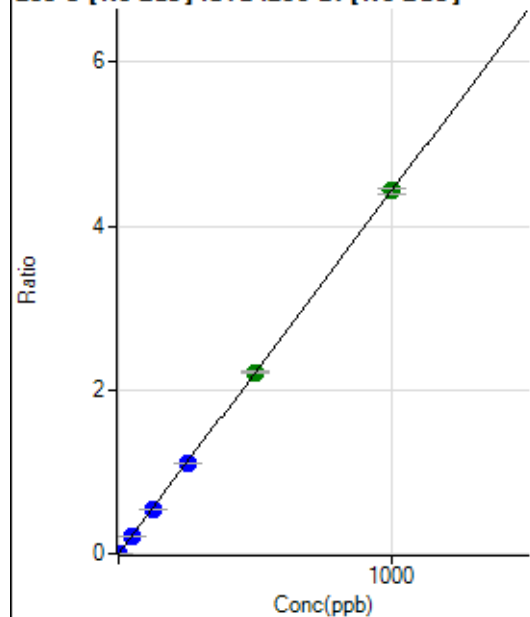
$$y = 0.0048 * x + 8.4295E-004$$

$$R = 1.0000$$

$$DL = 0.08814$$

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	38.89	0.0000	P	32.1
2	☐	0.100					
3	☐	1.000	0.904	5687.57	0.0040	P	4.7
4	☐	50.000	49.327	307020.25	0.2184	P	0.3
5	☐	125.000	121.807	764783.24	0.5392	P	0.6
6	☐	250.000	250.356	1539191.47	1.1083	P	0.5
7	☐	500.000	499.863	3057211.31	2.2128	A	1.1
8	☐	1000.000	1000.412	6069791.80	4.4286	A	1.3
9	☐			352.79	0.0003	P	11.8

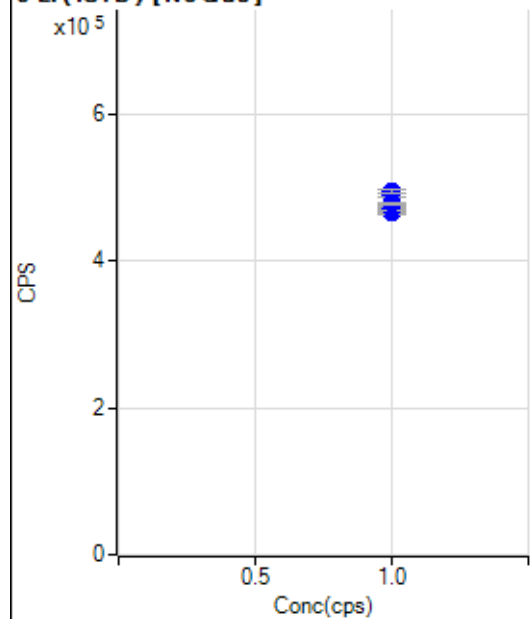
$$y = 0.0044 * x + 2.7625E-005$$

$$R = 1.0000$$

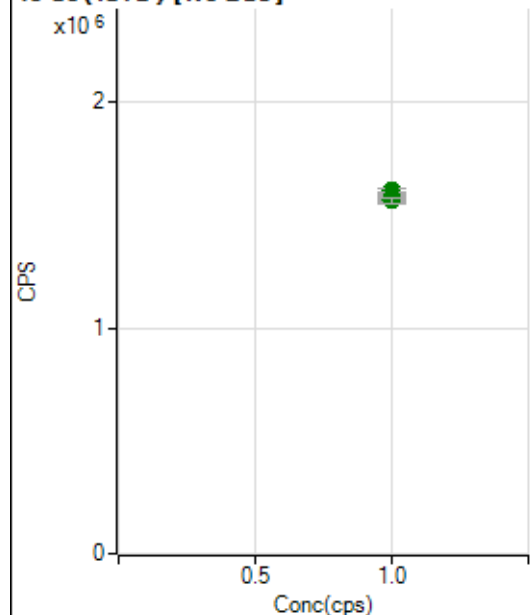
$$DL = 0.006016$$

Weight: <None>

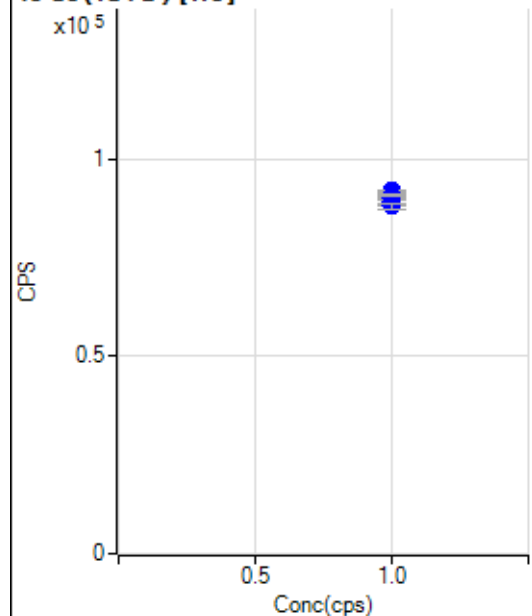
Min Conc: 0

6 Li (ISTD) [No Gas]

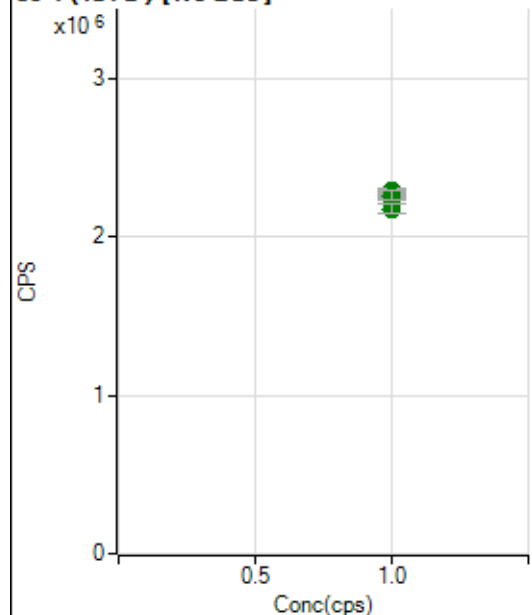
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		490029.92		P	0.8
2	☐	1.000					
3	☐	1.000		494694.68		P	1.0
4	☐	1.000		476455.24		P	1.2
5	☐	1.000		478511.69		P	1.1
6	☐	1.000		474935.66		P	0.8
7	☐	1.000		465778.13		P	0.5
8	☐	1.000		471813.64		P	1.3
9	☐	1.000		479203.37		P	0.6

45 Sc (ISTD) [No Gas]

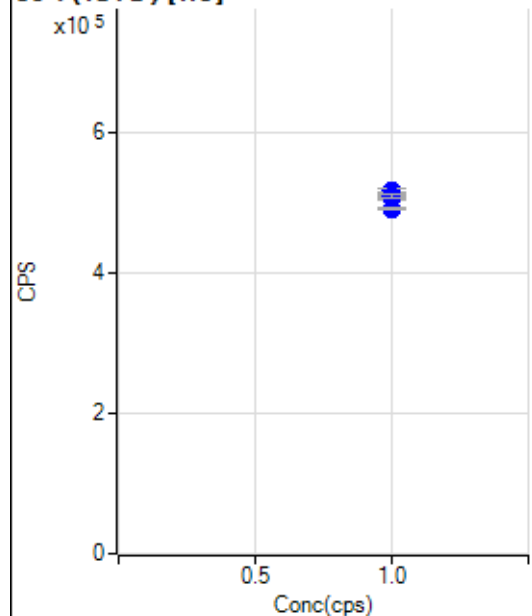
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1579779.11		A	1.0
2	☐	1.000					
3	☐	1.000		1590525.55		A	0.5
4	☐	1.000		1606172.50		A	1.3
5	☐	1.000		1595700.69		A	0.8
6	☐	1.000		1576503.52		A	0.6
7	☐	1.000		1564692.06		A	0.7
8	☐	1.000		1562804.94		A	1.1
9	☐	1.000		1563184.84		A	1.4

45 Sc (ISTD) [He]

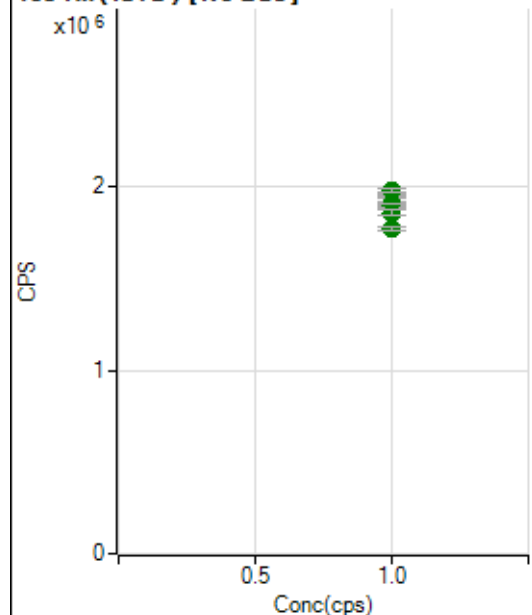
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		88100.29		P	1.3
2	☐	1.000					
3	☐	1.000		89190.55		P	1.5
4	☐	1.000		92013.90		P	0.7
5	☐	1.000		90930.28		P	0.7
6	☐	1.000		89857.80		P	0.7
7	☐	1.000		90206.60		P	0.9
8	☐	1.000		90783.81		P	0.5
9	☐	1.000		88147.01		P	1.4

89 Y (ISTD) [No Gas]

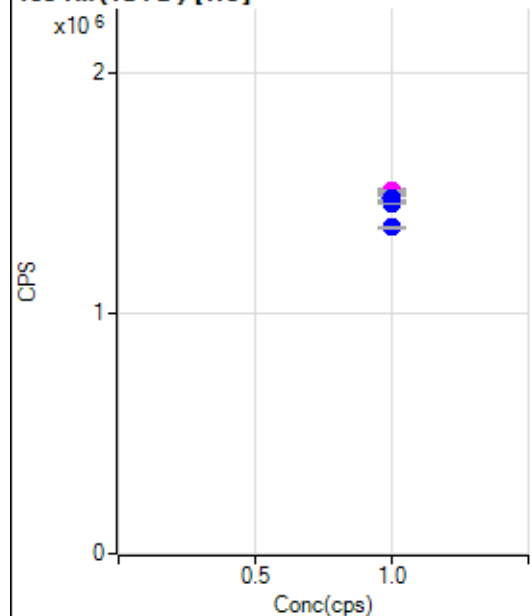
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2269282.40		A	1.6
2	☐	1.000					
3	☐	1.000		2277752.97		A	0.4
4	☐	1.000		2237117.57		A	0.6
5	☐	1.000		2287325.00		A	1.4
6	☐	1.000		2260722.69		A	1.5
7	☐	1.000		2251309.06		A	1.5
8	☐	1.000		2257280.05		A	2.8
9	☐	1.000		2172697.16		A	2.9

89 Y (ISTD) [He]

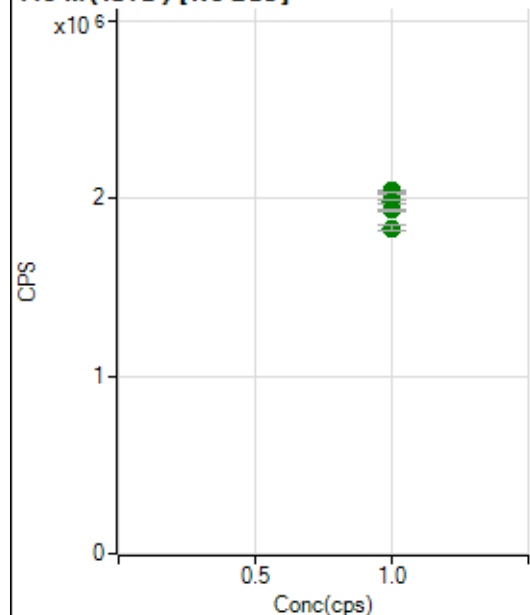
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		505647.46		P	0.2
2	☐	1.000					
3	☐	1.000		507516.45		P	1.4
4	☐	1.000		512771.38		P	0.3
5	☐	1.000		516185.96		P	1.1
6	☐	1.000		507492.85		P	0.8
7	☐	1.000		509858.98		P	0.1
8	☐	1.000		508913.17		P	0.7
9	☐	1.000		491012.48		P	0.6

103 Rh (ISTD) [No Gas]

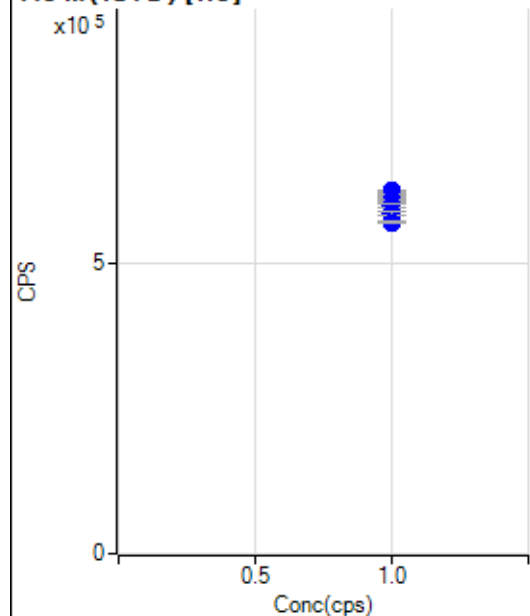
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1962480.56		A	1.3
2	☐	1.000					
3	☐	1.000		1969752.25		A	0.7
4	☐	1.000		1949619.66		A	0.5
5	☐	1.000		1979842.10		A	1.0
6	☐	1.000		1907778.95		A	1.0
7	☐	1.000		1897739.56		A	1.2
8	☐	1.000		1861379.31		A	1.4
9	☐	1.000		1773175.82		A	1.3

103 Rh (ISTD) [He]

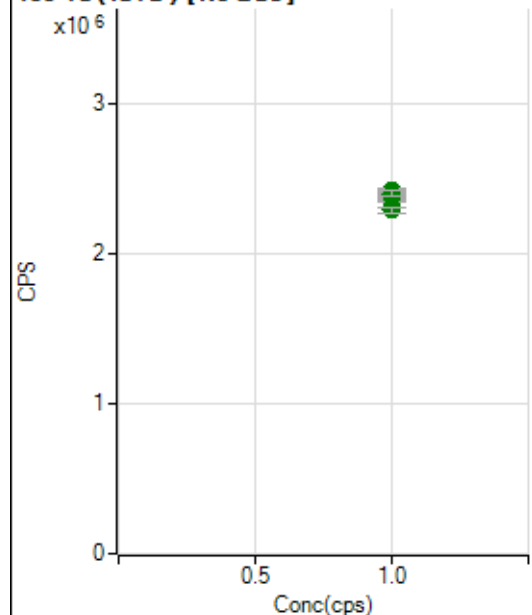
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1510063.02		A	0.6
2	☐	1.000					
3	☐	1.000		1510451.36		A	1.4
4	☐	1.000		1511548.36		M	1.3
5	☐	1.000		1508805.76		M	0.4
6	☐	1.000		1481825.76		P	0.7
7	☐	1.000		1472514.39		P	0.4
8	☐	1.000		1455486.57		P	0.1
9	☐	1.000		1358936.68		P	0.2

115 In (ISTD) [No Gas]

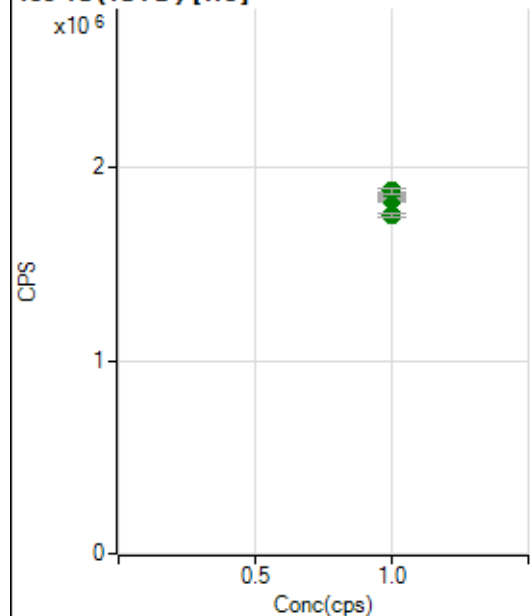
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2024023.03		A	0.6
2	☐	1.000					
3	☐	1.000		2040680.13		A	0.7
4	☐	1.000		2023392.79		A	0.4
5	☐	1.000		2029895.81		A	0.7
6	☐	1.000		1979837.95		A	0.8
7	☐	1.000		1979952.26		A	1.1
8	☐	1.000		1931991.01		A	0.8
9	☐	1.000		1831473.88		A	1.4

115 In (ISTD) [He]

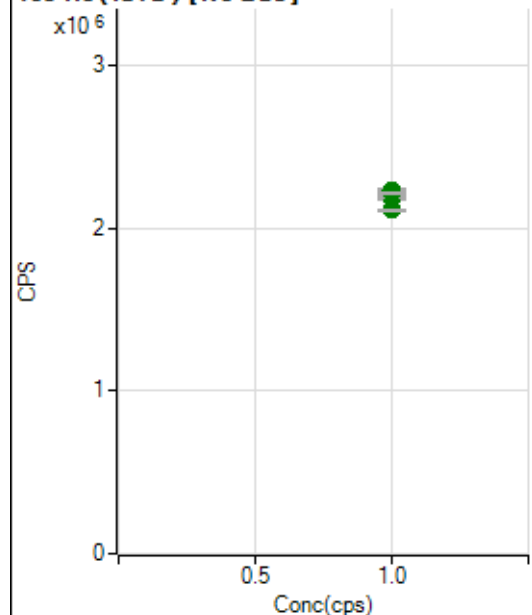
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		608010.79		P	0.6
2	☐	1.000					
3	☐	1.000		613672.70		P	1.7
4	☐	1.000		622724.14		P	0.5
5	☐	1.000		616429.89		P	0.7
6	☐	1.000		606110.35		P	0.8
7	☐	1.000		597112.02		P	1.0
8	☐	1.000		585221.25		P	1.0
9	☐	1.000		569275.37		P	0.5

159 Tb (ISTD) [No Gas]

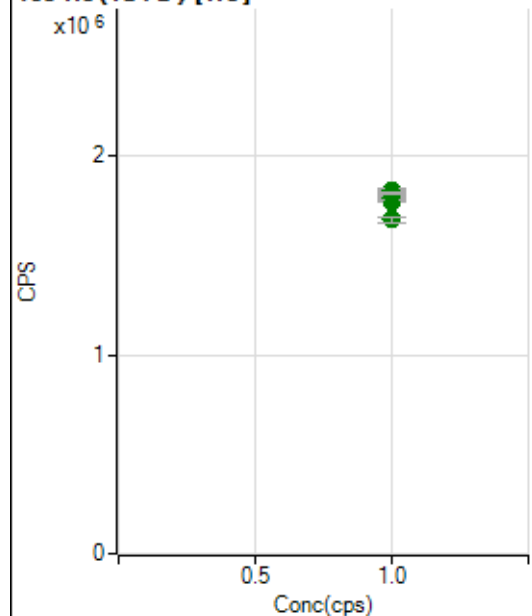
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2391798.42		A	1.2
2	☐	1.000					
3	☐	1.000		2415428.44		A	0.5
4	☐	1.000		2372976.41		A	0.7
5	☐	1.000		2415601.49		A	1.6
6	☐	1.000		2351102.81		A	0.2
7	☐	1.000		2383656.77		A	0.9
8	☐	1.000		2398261.04		A	1.5
9	☐	1.000		2286639.31		A	1.8

159 Tb (ISTD) [He]

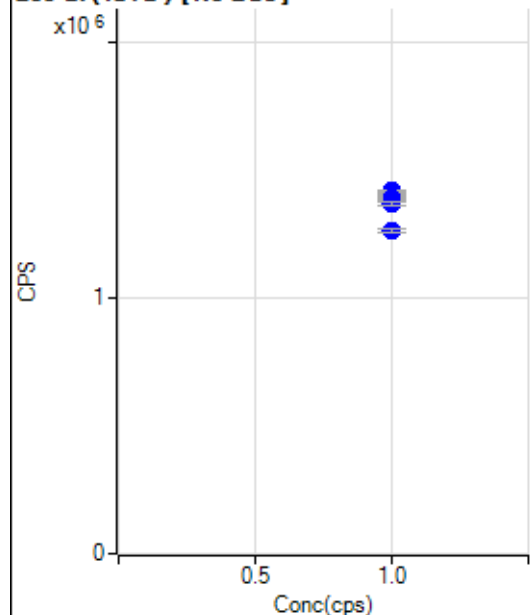
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1835080.53		A	1.8
2	☐	1.000					
3	☐	1.000		1841774.07		A	0.5
4	☐	1.000		1859856.27		A	0.2
5	☐	1.000		1862135.23		A	0.7
6	☐	1.000		1858124.95		A	1.0
7	☐	1.000		1860513.83		A	1.6
8	☐	1.000		1878713.86		A	1.4
9	☐	1.000		1754367.54		A	0.9

165 Ho (ISTD) [No Gas]

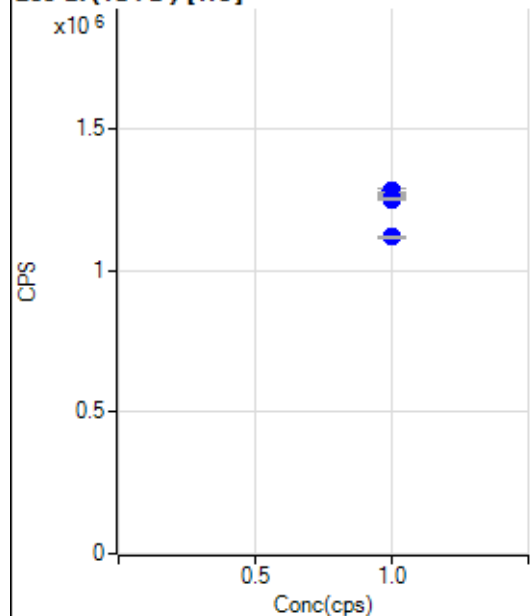
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2223258.10		A	0.6
2	☐	1.000					
3	☐	1.000		2222271.19		A	1.3
4	☐	1.000		2188260.49		A	1.1
5	☐	1.000		2232479.65		A	1.7
6	☐	1.000		2193907.43		A	1.5
7	☐	1.000		2197737.96		A	0.8
8	☐	1.000		2223617.04		A	0.5
9	☐	1.000		2112643.58		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1769422.66		A	0.4
2	☐	1.000					
3	☐	1.000		1802444.35		A	2.3
4	☐	1.000		1796197.46		A	0.9
5	☐	1.000		1787952.53		A	0.6
6	☐	1.000		1789719.42		A	0.9
7	☐	1.000		1823347.11		A	1.4
8	☐	1.000		1811447.56		A	0.8
9	☐	1.000		1678312.65		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1405971.28		P	0.9
2	☐	1.000					
3	☐	1.000		1412049.46		P	0.6
4	☐	1.000		1405870.47		P	0.4
5	☐	1.000		1418311.65		P	0.3
6	☐	1.000		1388807.69		P	0.5
7	☐	1.000		1381644.41		P	0.4
8	☐	1.000		1370697.96		P	1.1
9	☐	1.000		1261726.03		P	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1262126.62		P	0.2
2	☐	1.000					
3	☐	1.000		1265457.38		P	1.4
4	☐	1.000		1281850.99		P	1.2
5	☐	1.000		1275363.03		P	0.6
6	☐	1.000		1252055.67		P	0.5
7	☐	1.000		1255558.91		P	1.0
8	☐	1.000		1254332.80		P	0.3
9	☐	1.000		1117668.05		P	0.4