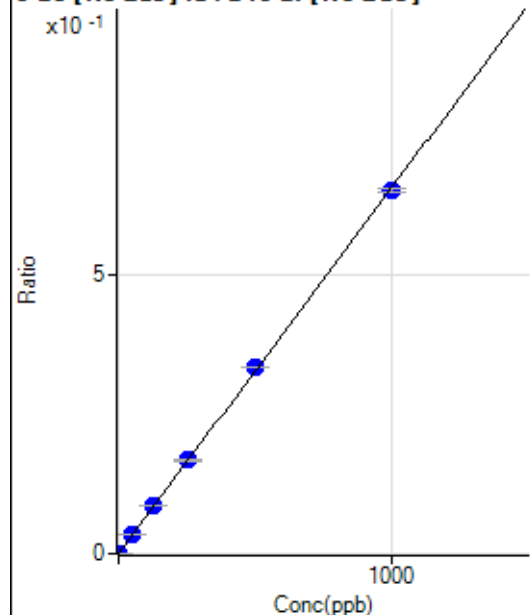


Batch Folder: D:\ICP-MS Data\P7060319MS.b\
Analysis File: P7060319MS.batch.bin
DA Date-Time: 2019-06-03 18:04:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-03 12:58:12
2			
3	005CALS.d	S02	2019-06-03 13:06:20
4	006CALS.d	S03	2019-06-03 13:10:16
5	007CALS.d	S04	2019-06-03 13:14:13
6	008CALS.d	S05	2019-06-03 13:18:05
7	009CALS.d	S06	2019-06-03 13:21:55
8	010CALS.d	S07	2019-06-03 13:25:44
9	011CALS.d	S08	2019-06-03 13:29:30

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	1.019	1820.14	0.0007	P	2.1
4	☐	50.000	52.832	90397.85	0.0345	P	0.3
5	☐	125.000	129.146	212697.75	0.0844	P	0.3
6	☐	250.000	255.840	376413.81	0.1672	P	0.7
7	☐	500.000	511.233	709335.89	0.3341	P	0.3
8	☐	1000.000	992.264	1337742.97	0.6485	P	1.0
9	☐			321.12	0.0001	P	6.6

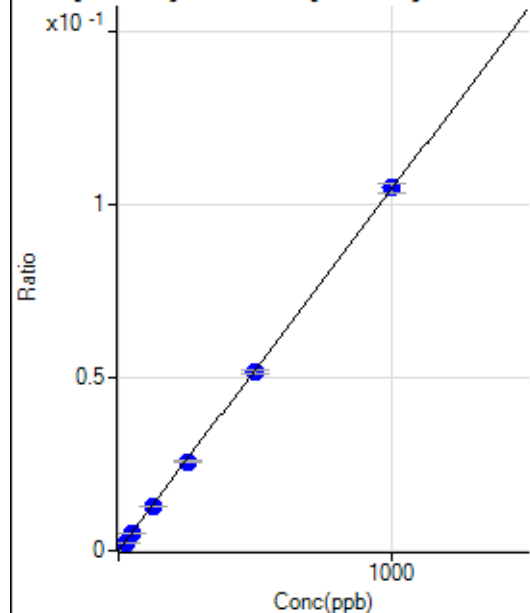
$$y = 6.5355E-004 * x + 1.3795E-005$$

$$R = 0.9999$$

$$DL = 0.01539$$

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	158.34	0.0001	P	10.1
2	☐	2.500					
3	☐	25.000	23.144	6632.28	0.0025	P	1.4
4	☐	50.000	48.534	13428.67	0.0051	P	4.3
5	☐	125.000	122.818	32488.62	0.0129	P	0.3
6	☐	250.000	245.793	57942.33	0.0257	P	3.3
7	☐	500.000	495.080	109960.31	0.0518	P	1.9
8	☐	1000.000	1003.904	216507.49	0.1050	P	2.8
9	☐			12322.15	0.0057	P	10.3

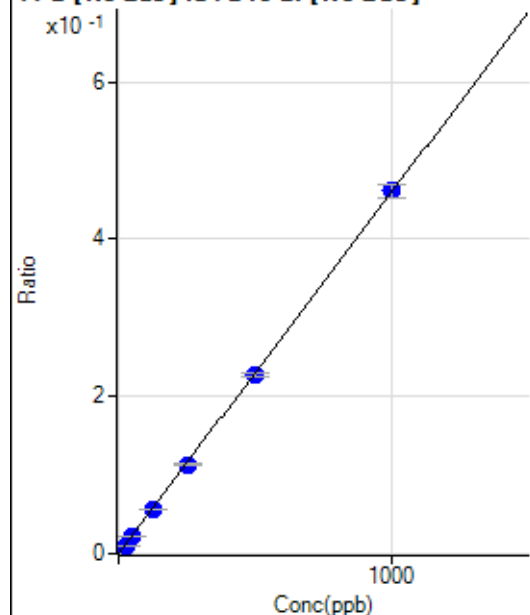
$$y = 1.0450E-004 * x + 5.9529E-005$$

$$R = 1.0000$$

$$DL = 0.1729$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.04	0.0002	P	16.5
2	☐	2.500					
3	☐	25.000	22.857	28711.46	0.0107	P	3.6
4	☐	50.000	48.355	58706.35	0.0224	P	2.8
5	☐	125.000	122.895	142730.28	0.0566	P	1.2
6	☐	250.000	246.177	254891.45	0.1132	P	1.6
7	☐	500.000	494.501	482425.26	0.2272	P	1.9
8	☐	1000.000	1004.104	951188.57	0.4612	P	3.9
9	☐			53821.93	0.0250	P	10.8

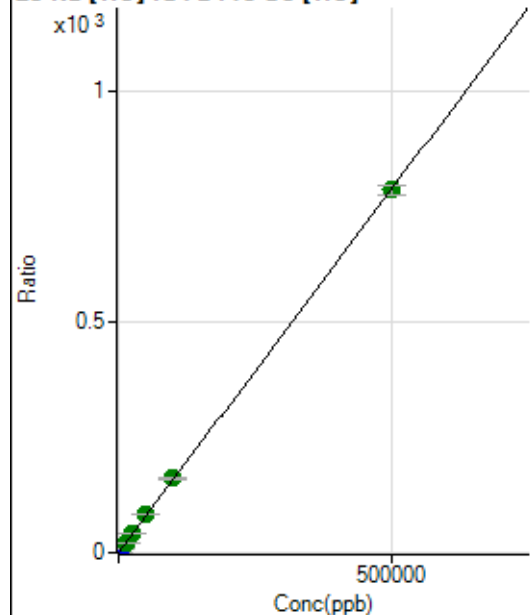
$$y = 4.5905\text{E-}004 * x + 2.3515\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2539$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7165.90	0.0329	P	4.5
2	☐	50.000					
3	☐	500.000	483.828	175462.61	0.7962	P	0.5
4	☐	5000.000	5194.462	1717194.64	8.2279	P	0.9
5	☐	12500.000	12824.664	3919892.36	20.2657	A	0.7
6	☐	25000.000	26403.632	7068375.25	41.6886	A	0.4
7	☐	50000.000	53391.082	13777618.53	84.2654	A	0.6
8	☐	100000.00	102555.42	27053689.32	161.8296	A	1.9
9	☐	500000.00	499069.58	142672836.5	787.3907	A	2.9

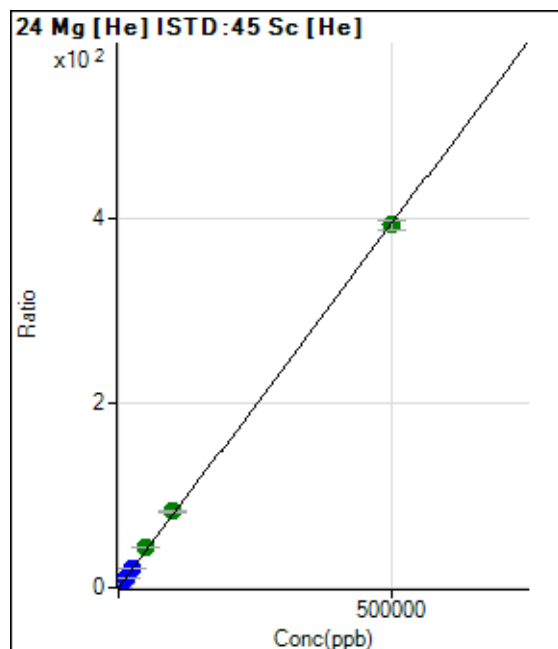
$$y = 0.0016 * x + 0.0329$$

$$R = 1.0000$$

$$DL = 2.828$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0012	P	8.4
2	☐	50.000					
3	☐	500.000	531.984	92850.59	0.4213	P	1.7
4	☐	5000.000	5410.399	891964.95	4.2739	P	1.0
5	☐	12500.000	13336.567	2037368.19	10.5333	P	0.9
6	☐	25000.000	27313.258	3657377.21	21.5708	P	0.2
7	☐	50000.000	54986.680	7099979.85	43.4248	A	0.9
8	☐	100000.00	104945.28	13854494.06	82.8777	A	2.2
9	☐	500000.00	498371.56	71315311.32	393.5709	A	2.8

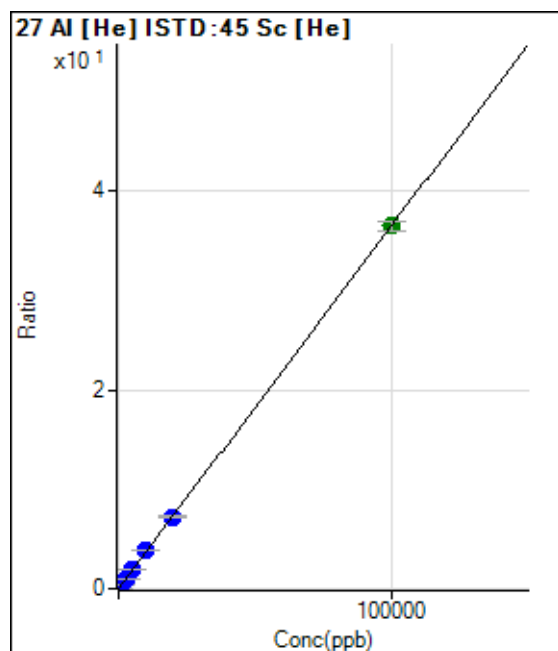
$$y = 7.8971\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.3918$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0001	P	115.
2	☐	2.000					
3	☐	20.000	19.895	1625.16	0.0074	P	8.9
4	☐	1000.000	1021.758	77827.89	0.3729	P	0.4
5	☐	2500.000	2519.723	177838.67	0.9194	P	0.9
6	☐	5000.000	5194.695	321364.96	1.8954	P	0.4
7	☐	10000.000	10416.654	621405.66	3.8006	P	0.7
8	☐	20000.000	19855.643	1211059.93	7.2444	P	1.9
9	☐	100000.00	99976.761	6609254.19	36.4762	A	3.0

$$y = 3.6485\text{E-}004 * x + 1.1495\text{E-}004$$

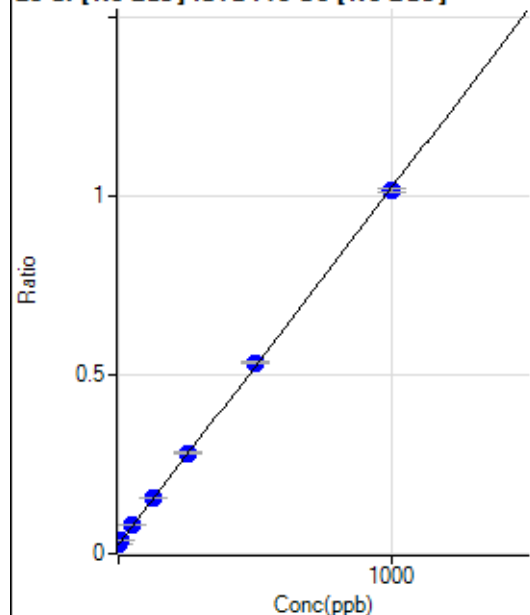
$$R = 1.0000$$

$$DL = 1.094$$

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	122809.84	0.0256	P	1.0
2	☐	1.000					
3	☐	10.000	10.356	173589.86	0.0359	P	0.5
4	☐	50.000	54.589	370794.53	0.0800	P	0.3
5	☐	125.000	130.635	684876.68	0.1559	P	0.7
6	☐	250.000	257.198	1101888.34	0.2821	P	0.5
7	☐	500.000	510.479	1985645.03	0.5348	P	0.4
8	☐	1000.000	992.024	3646662.58	1.0152	P	0.9
9	☐			143419.80	0.0372	P	2.7

$$y = 9.9766\text{E-}004 * x + 0.0256$$

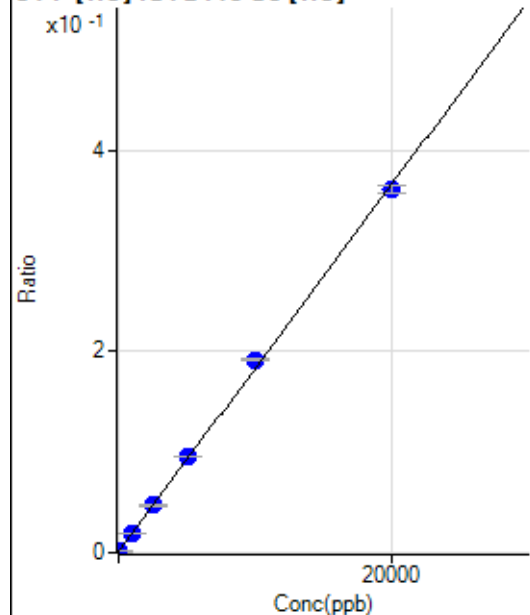
$$R = 0.9999$$

$$DL = 0.8006$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-20.874	111.11	0.0005	P	24.9
2	☐	0.000					
3	☐	0.000	20.874	280.57	0.0013	P	8.7
4	☐	1000.000	983.589	3934.01	0.0189	P	4.3
5	☐	2500.000	2528.961	9105.89	0.0471	P	1.4
6	☐	5000.000	5173.550	16170.47	0.0954	P	1.1
7	☐	10000.000	10473.551	31417.31	0.1922	P	1.7
8	☐	20000.000	19717.037	60342.51	0.3610	P	2.2
9	☐			97.23	0.0005	P	23.1

$$y = 1.8262\text{E-}005 * x + 8.9169\text{E-}004$$

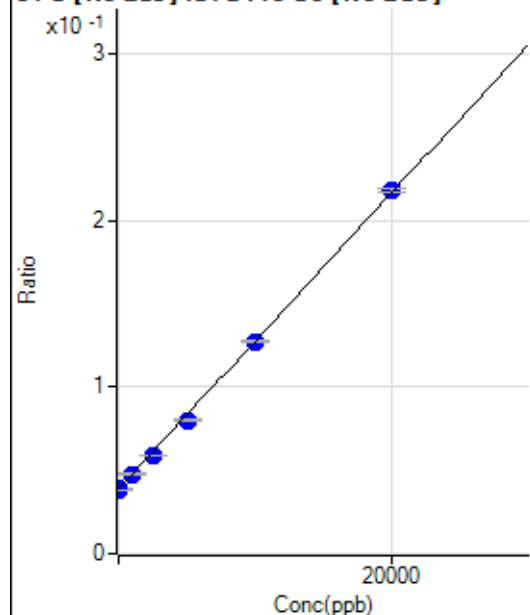
$$R = 0.9995$$

$$DL = 19.58$$

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	59.193	188670.74	0.0393	P	1.0
2	☐	0.000					
3	☐	0.000	-59.193	184812.98	0.0382	P	1.2
4	☐	1000.000	1014.761	221243.36	0.0477	P	1.0
5	☐	2500.000	2273.239	258882.19	0.0589	P	0.2
6	☐	5000.000	4645.568	312393.98	0.0800	P	1.7
7	☐	10000.000	9979.681	472885.79	0.1274	P	0.3
8	☐	20000.000	20126.375	781225.94	0.2175	P	1.1
9	☐			133885.98	0.0347	P	1.8

$$y = 8.8825\text{E-}006 * x + 0.0387$$

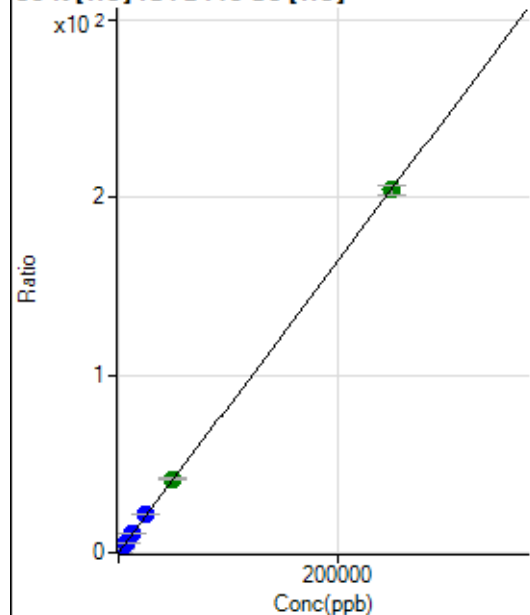
$$R = 0.9998$$

$$DL = 147.1$$

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	10601.42	0.0486	P	3.2
2	☐	50.000					
3	☐	500.000	482.493	97642.40	0.4431	P	1.4
4	☐	2500.000	2640.845	460730.62	2.2075	P	0.5
5	☐	6250.000	6430.892	1026282.25	5.3059	P	1.2
6	☐	12500.000	13168.940	1833589.23	10.8144	P	0.5
7	☐	25000.000	26466.085	3545463.01	21.6849	P	1.0
8	☐	50000.000	50560.126	6917795.12	41.3820	A	2.0
9	☐	250000.00	249702.02	36997391.80	204.1821	A	2.9

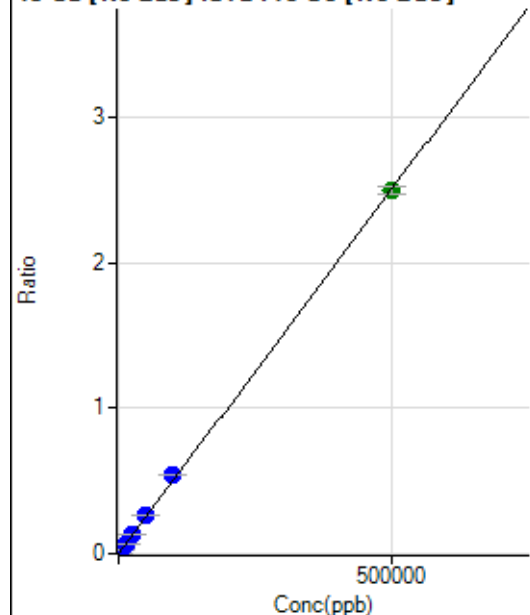
$$y = 8.1751\text{E-}004 * x + 0.0486$$

$$R = 1.0000$$

$$DL = 5.676$$

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	105.56	0.0000	P	16.6
2	☐	50.000					
3	☐	500.000	502.721	12294.47	0.0025	P	2.9
4	☐	5000.000	5361.374	124621.96	0.0269	P	1.6
5	☐	12500.000	13210.565	290960.23	0.0662	P	2.0
6	☐	25000.000	26777.695	524204.35	0.1342	P	1.0
7	☐	50000.000	53306.219	991959.26	0.2672	P	0.4
8	☐	100000.00	107804.54	1940777.76	0.5403	P	0.9
9	☐	500000.00	497998.20	9620481.81	2.4959	A	2.1

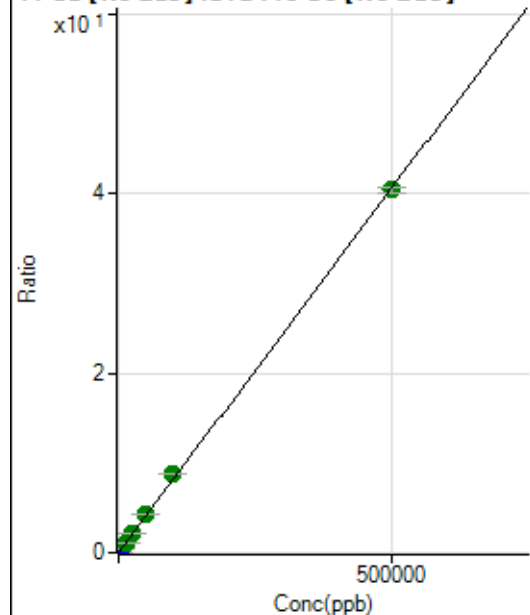
$$y = 5.0118\text{E-}006 * x + 2.1966\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.185$$

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	6346.32	0.0013	P	0.7
2	☐	50.000					
3	☐	500.000	502.659	203784.19	0.0421	P	0.9
4	☐	5000.000	5340.214	2015038.70	0.4348	P	0.9
5	☐	12500.000	13037.652	4655828.32	1.0597	A	0.6
6	☐	25000.000	26381.868	8368790.29	2.1429	A	0.9
7	☐	50000.000	53183.634	16033266.68	4.3185	A	0.4
8	☐	100000.00	107738.51	31418503.83	8.7471	A	0.9
9	☐	500000.00	498047.99	155849634.0	40.4308	A	1.8

$$y = 8.1176\text{E-}005 * x + 0.0013$$

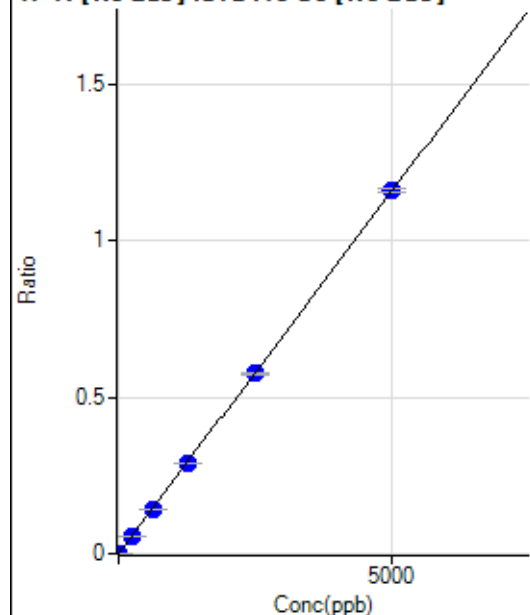
$$R = 0.9999$$

$$DL = 0.3516$$

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	75.00	0.0000	P	22.4
2	☐	0.500					
3	☐	5.000	4.925	5595.71	0.0012	P	6.3
4	☐	250.000	247.681	265983.50	0.0574	P	1.2
5	☐	625.000	614.311	625370.47	0.1423	P	0.9
6	☐	1250.000	1244.634	1126165.61	0.2884	P	1.1
7	☐	2500.000	2484.793	2137274.87	0.5757	P	0.2
8	☐	5000.000	5010.397	4169421.66	1.1608	P	0.9
9	☐			1997.44	0.0005	P	2.4

$$y = 2.3167\text{E-}004 * x + 1.5607\text{E-}005$$

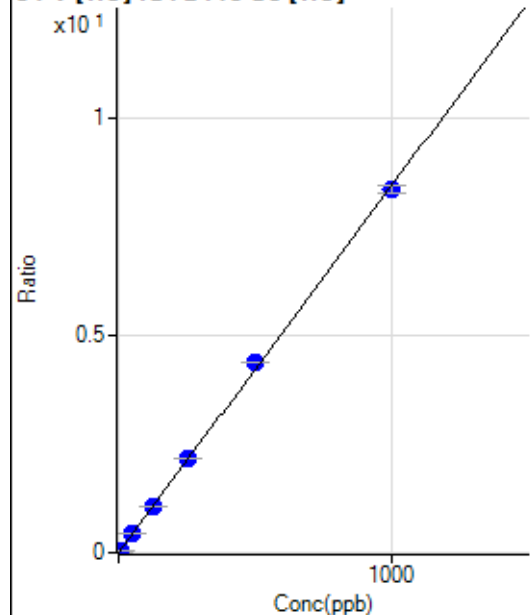
$$R = 1.0000$$

$$DL = 0.04517$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.128	9522.10	0.0432	P	1.1
4	☐	50.000	51.424	90419.22	0.4332	P	0.5
5	☐	125.000	126.198	205646.28	1.0632	P	1.5
6	☐	250.000	257.124	367271.35	2.1661	P	0.9
7	☐	500.000	518.284	713892.70	4.3663	P	0.8
8	☐	1000.000	988.855	1392604.55	8.3306	P	2.1
9	☐			241.12	0.0013	P	4.5

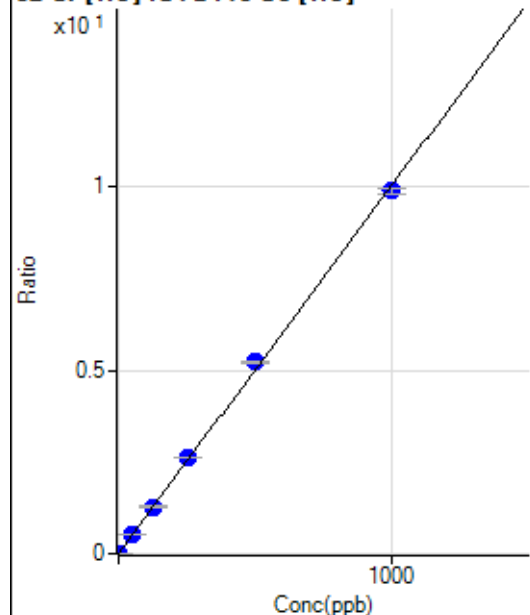
$$y = 0.0084 * x + 1.0172\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.003137$$

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	582.25	0.0027	P	9.8
2	☐	0.200					
3	☐	2.000	1.944	4887.56	0.0222	P	3.4
4	☐	50.000	52.233	109926.93	0.5267	P	1.1
5	☐	125.000	127.748	248425.73	1.2843	P	0.9
6	☐	250.000	260.203	443071.25	2.6132	P	0.6
7	☐	500.000	521.511	855895.35	5.2348	P	0.9
8	☐	1000.000	986.239	1654591.16	9.8973	P	1.7
9	☐			13817.78	0.0763	P	3.7

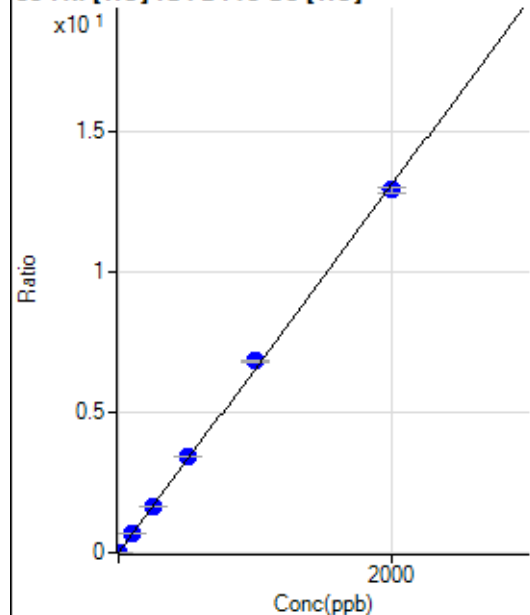
$$y = 0.0100 * x + 0.0027$$

$$R = 0.9996$$

$$DL = 0.0781$$

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	44.44	0.0002	P	36.0
2	☐	0.100					
3	☐	1.000	1.039	1544.55	0.0070	P	6.2
4	☐	100.000	102.602	140287.51	0.6722	P	0.6
5	☐	250.000	252.144	319452.46	1.6516	P	1.3
6	☐	500.000	520.849	578406.12	3.4114	P	0.5
7	☐	1000.000	1041.026	1114792.93	6.8182	P	0.6
8	☐	2000.000	1973.877	2161174.01	12.9276	P	1.8
9	☐			8938.37	0.0493	P	1.4

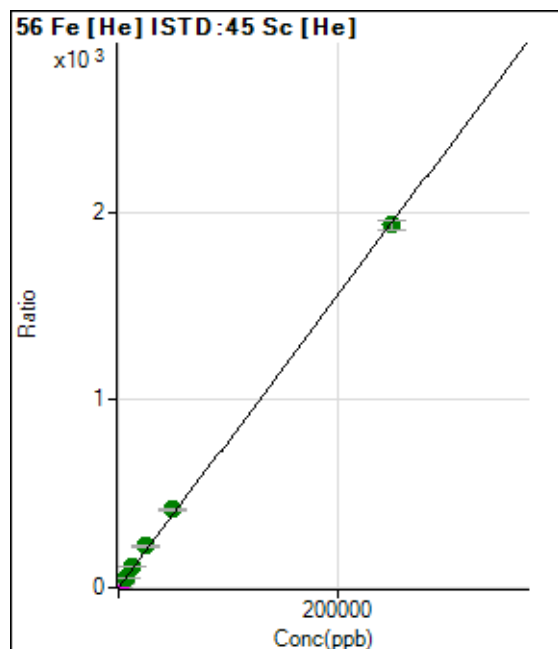
$$y = 0.0065 * x + 2.0349E-004$$

$$R = 0.9996$$

$$DL = 0.03354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2587.34	0.0119	P	1.1
2	☐	5.000					
3	☐	50.000	57.270	100581.13	0.4564	P	0.7
4	☐	2500.000	2810.262	4554771.57	21.8252	M	1.5
5	☐	6250.000	6890.921	10348013.31	53.4993	A	1.3
6	☐	12500.000	14169.811	18650373.10	109.9982	A	0.4
7	☐	25000.000	28384.460	36024326.04	220.3325	A	0.9
8	☐	50000.000	53738.939	69728955.73	417.1344	A	2.4
9	☐	250000.00	248811.14	349938374.4	1,931.288	A	2.8

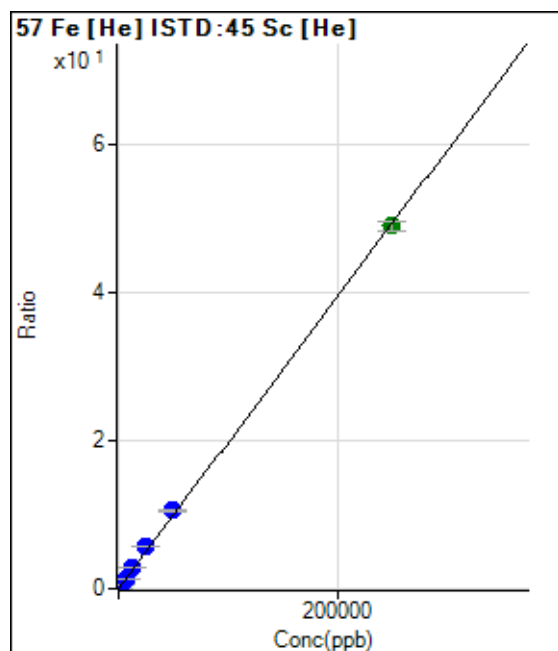
$$y = 0.0078 * x + 0.0119$$

$$R = 0.9998$$

$$DL = 0.05064$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0005	P	13.6
2	☐	5.000					
3	☐	50.000	56.071	2555.85	0.0116	P	1.8
4	☐	2500.000	2815.981	116059.09	0.5561	P	2.0
5	☐	6250.000	6906.060	263653.28	1.3631	P	0.9
6	☐	12500.000	14170.788	474142.99	2.7964	P	0.6
7	☐	25000.000	28492.629	919214.01	5.6221	P	0.8
8	☐	50000.000	53464.566	1763523.74	10.5490	P	2.0
9	☐	250000.00	248854.72	8896147.94	49.0991	A	3.0

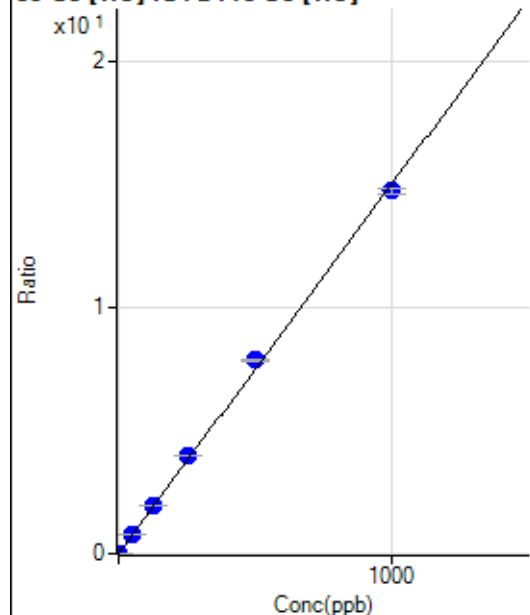
$$y = 1.9730E-004 * x + 5.3503E-004$$

$$R = 0.9998$$

$$DL = 1.105$$

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	63.34	0.0003	P	22.3
2	☐	0.100					
3	☐	1.000	0.986	3328.20	0.0151	P	3.3
4	☐	50.000	53.486	167709.87	0.8036	P	1.4
5	☐	125.000	129.776	377066.38	1.9494	P	1.1
6	☐	250.000	265.102	675133.33	3.9819	P	0.6
7	☐	500.000	525.606	1290741.45	7.8944	P	0.9
8	☐	1000.000	982.650	2467351.49	14.7588	P	1.6
9	☐			30043.13	0.1658	P	3.2

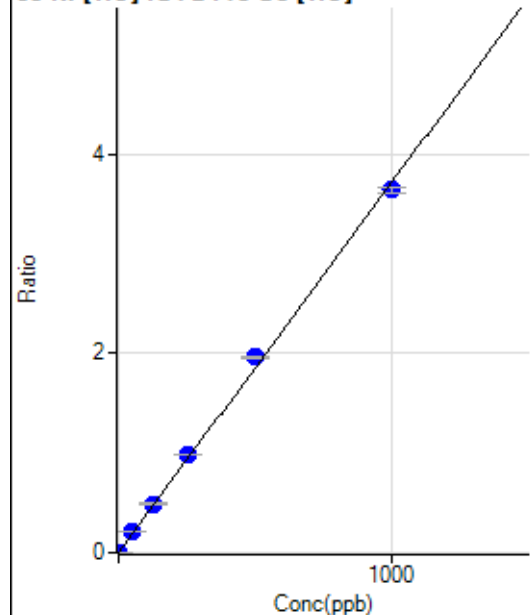
$$y = 0.0150 * x + 2.9031E-004$$

$$R = 0.9994$$

$$DL = 0.01294$$

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	90.00	0.0004	P	22.7
2	☐	0.100					
3	☐	1.000	1.006	913.38	0.0041	P	7.0
4	☐	50.000	55.168	42782.41	0.2050	P	2.1
5	☐	125.000	132.025	94783.69	0.4900	P	1.1
6	☐	250.000	265.606	167082.68	0.9854	P	0.2
7	☐	500.000	528.094	320282.07	1.9589	P	0.8
8	☐	1000.000	980.915	608214.83	3.6382	P	1.8
9	☐			7988.97	0.0441	P	0.7

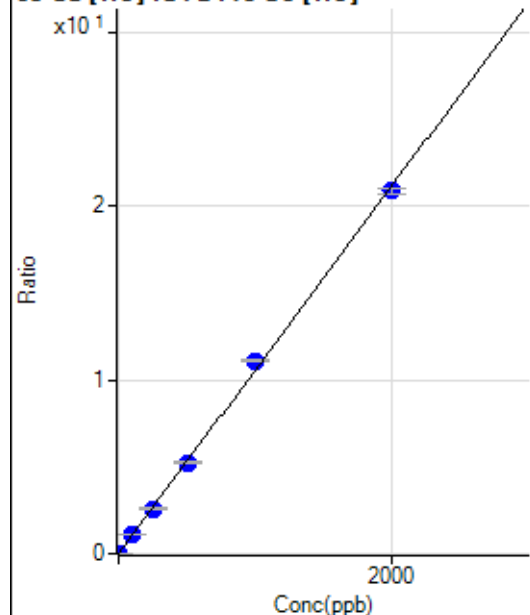
$$y = 0.0037 * x + 4.1271E-004$$

$$R = 0.9993$$

$$DL = 0.07568$$

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	395.57	0.0018	P	12.3
2	☐	0.200					
3	☐	2.000	1.935	4909.79	0.0223	P	5.6
4	☐	100.000	101.443	224236.51	1.0744	P	1.1
5	☐	250.000	245.769	503006.27	2.6005	P	0.7
6	☐	500.000	496.815	890998.20	5.2550	P	0.4
7	☐	1000.000	1050.918	1817127.86	11.1139	P	0.9
8	☐	2000.000	1975.794	3492954.53	20.8933	P	1.5
9	☐			4398.52	0.0243	P	4.5

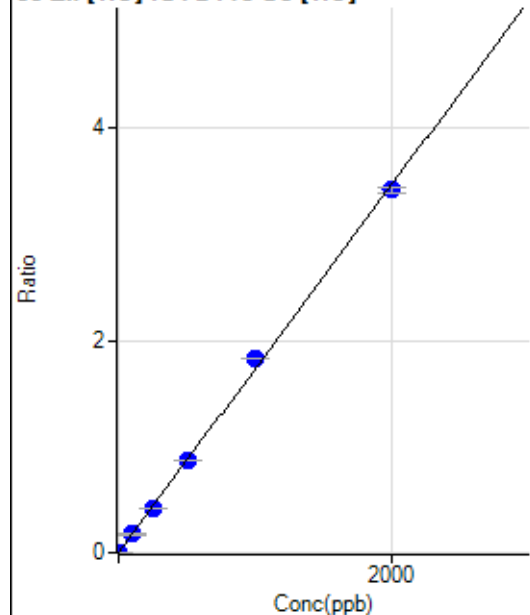
$$y = 0.0106 * x + 0.0018$$

$$R = 0.9995$$

$$DL = 0.0633$$

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	250.01	0.0011	P	8.9
2	☐	0.200					
3	☐	2.000	1.771	928.94	0.0042	P	4.6
4	☐	100.000	99.431	36177.12	0.1734	P	1.6
5	☐	250.000	241.879	81250.12	0.4201	P	0.2
6	☐	500.000	498.282	146512.72	0.8641	P	0.7
7	☐	1000.000	1056.784	299441.61	1.8314	P	0.4
8	☐	2000.000	1973.082	571479.29	3.4183	P	1.5
9	☐			4638.59	0.0256	P	4.4

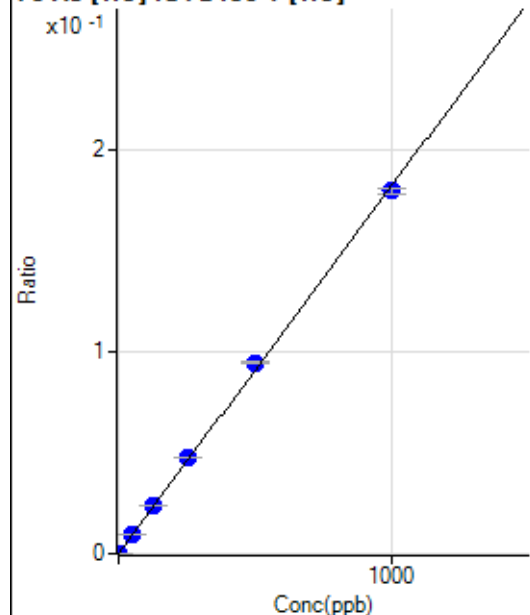
$$y = 0.0017 * x + 0.0011$$

$$R = 0.9994$$

$$DL = 0.1762$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.09	0.0000	P	69.9
2	☐	0.100					
3	☐	1.000	1.000	227.17	0.0002	P	8.1
4	☐	50.000	53.788	11544.76	0.0098	P	0.4
5	☐	125.000	130.696	26245.33	0.0237	P	0.1
6	☐	250.000	259.940	47183.00	0.0472	P	0.4
7	☐	500.000	519.301	91031.12	0.0943	P	0.7
8	☐	1000.000	986.963	174877.35	0.1793	P	1.8
9	☐			239.51	0.0002	P	5.2

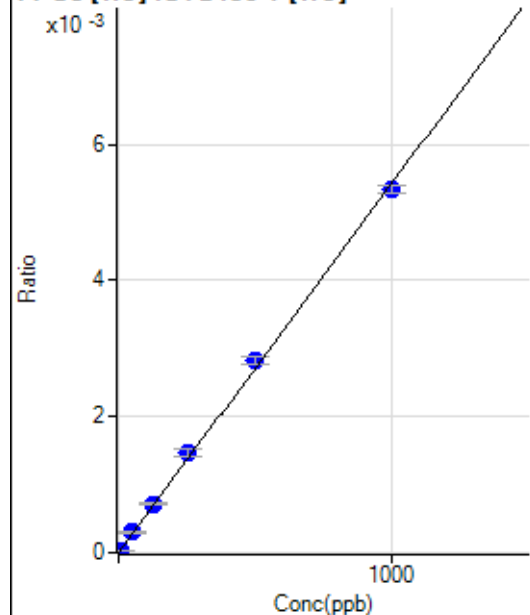
$$y = 1.8167E-004 * x + 2.5386E-006$$

$$R = 0.9997$$

$$DL = 0.0293$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.659	31.11	0.0000	P	27.1
4	☐	50.000	54.860	351.12	0.0003	P	11.8
5	☐	125.000	131.601	787.81	0.0007	P	3.5
6	☐	250.000	271.148	1466.77	0.0015	P	7.1
7	☐	500.000	520.362	2719.19	0.0028	P	4.1
8	☐	1000.000	983.466	5195.45	0.0053	P	2.3
9	☐			1.11	0.0000	P	173.

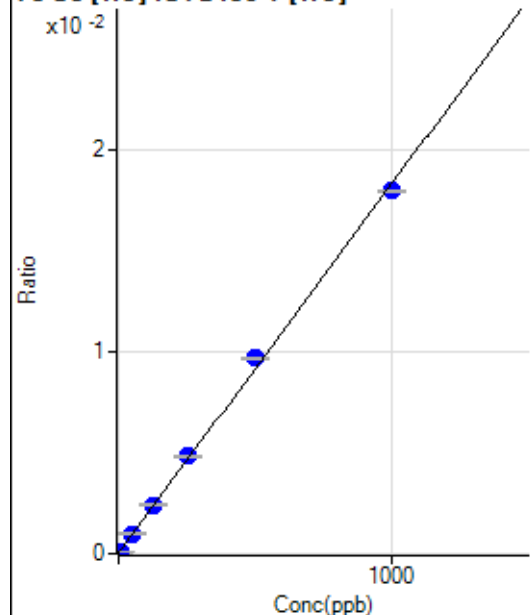
$$y = 5.4169E-006 * x + 0.0000E+000$$

$$R = 0.9994$$

$$DL = 0$$

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	42.60	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	5.212	160.50	0.0001	P	1.7
4	☐	50.000	52.747	1179.07	0.0010	P	1.4
5	☐	125.000	130.407	2670.64	0.0024	P	1.7
6	☐	250.000	262.067	4816.28	0.0048	P	2.4
7	☐	500.000	528.784	9351.22	0.0097	P	0.9
8	☐	1000.000	981.777	17522.39	0.0180	P	0.9
9	☐			33.95	0.0000	P	41.5

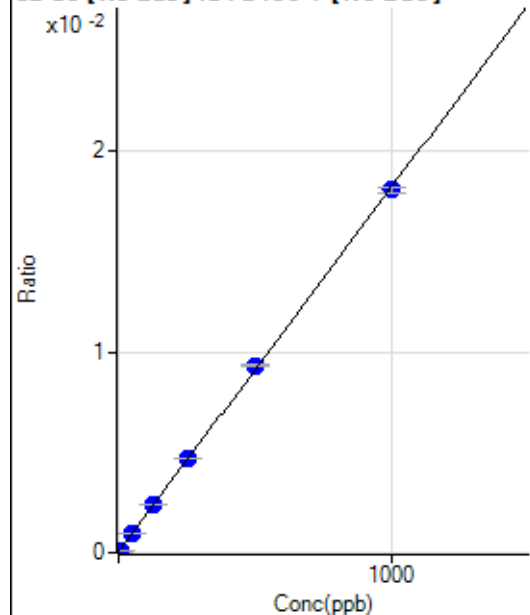
$$y = 1.8262\text{E-}005 * x + 3.4976\text{E-}005$$

$$R = 0.9993$$

$$DL = 1.539$$

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	345.99	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.568	977.63	0.0001	P	3.3
4	☐	50.000	52.147	7326.18	0.0010	P	0.5
5	☐	125.000	128.595	16872.65	0.0024	P	1.4
6	☐	250.000	256.088	30496.68	0.0047	P	0.2
7	☐	500.000	510.818	58145.24	0.0093	P	1.0
8	☐	1000.000	992.515	109697.45	0.0181	P	1.2
9	☐			247.01	0.0000	P	7.5

$$y = 1.8182\text{E-}005 * x + 4.5113\text{E-}005$$

$$R = 0.9999$$

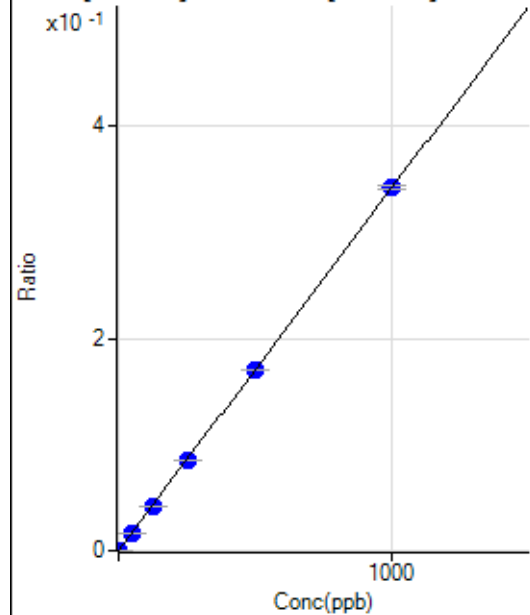
$$DL = 0.972$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			210.00		P	5.5
2	☐						
3	☐			194.45		P	20.5
4	☐			184.45		P	9.3
5	☐			148.89		P	12.3
6	☐			153.34		P	30.2
7	☐			133.34		P	9.0
8	☐			156.67		P	9.3
9	☐			193.34		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	302.79	0.0000	P	16.0
2	☐	0.100					
3	☐	1.000	0.944	2758.72	0.0004	P	3.8
4	☐	50.000	49.832	125683.74	0.0170	P	0.8
5	☐	125.000	123.185	297795.50	0.0421	P	0.4
6	☐	250.000	249.283	551929.16	0.0851	P	1.1
7	☐	500.000	498.374	1059515.65	0.1701	P	0.8
8	☐	1000.000	1001.228	2071412.05	0.3416	P	1.0
9	☐			8338.84	0.0013	P	0.6

$$y = 3.4115E-004 * x + 3.9492E-005$$

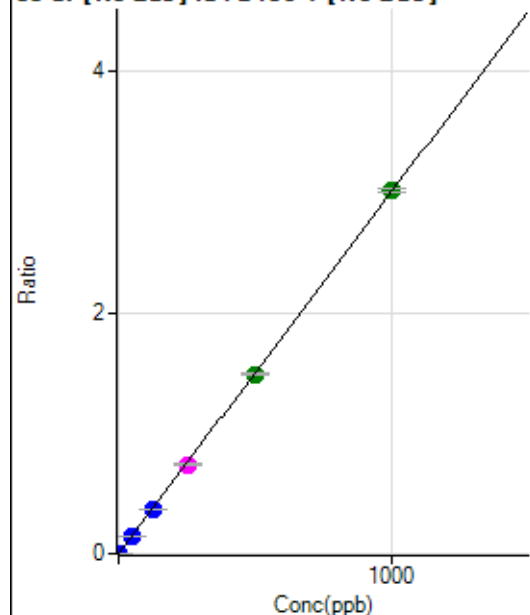
$$R = 1.0000$$

$$DL = 0.05556$$

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	80.56	0.0000	P	31.0
2	☐	0.100					
3	☐	1.000	0.927	21319.28	0.0028	P	0.2
4	☐	50.000	49.693	1100491.17	0.1492	P	0.8
5	☐	125.000	122.391	2601468.53	0.3675	P	0.3
6	☐	250.000	246.242	4795798.24	0.7393	M	0.9
7	☐	500.000	496.184	9281201.16	1.4897	A	0.4
8	☐	1000.000	1003.189	18262912.56	3.0119	A	1.1
9	☐			72859.90	0.0117	P	2.3

$$y = 0.0030 * x + 1.0495E-005$$

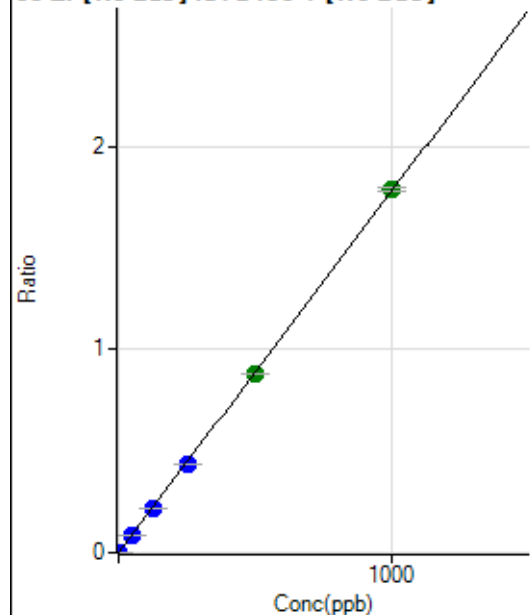
$$R = 1.0000$$

$$DL = 0.00325$$

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	594.49	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.849	12111.12	0.0016	P	2.2
4	☐	50.000	49.348	648227.38	0.0879	P	1.3
5	☐	125.000	122.164	1539473.02	0.2175	P	0.3
6	☐	250.000	245.429	2833377.17	0.4368	P	0.4
7	☐	500.000	495.153	5489751.47	0.8811	A	0.4
8	☐	1000.000	1003.953	10832585.83	1.7865	A	1.2
9	☐			3055.99	0.0005	P	9.5

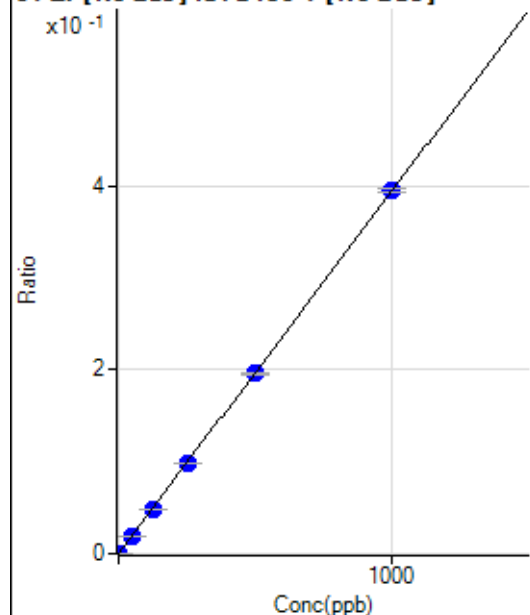
$$y = 0.0018 * x + 7.7580E-005$$

$$R = 1.0000$$

$$DL = 0.01927$$

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	108.34	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.946	2953.21	0.0004	P	4.2
4	☐	50.000	49.847	145019.91	0.0197	P	0.7
5	☐	125.000	123.426	344516.00	0.0487	P	0.4
6	☐	250.000	249.175	637206.22	0.0982	P	0.9
7	☐	500.000	496.932	1220413.06	0.1959	P	0.5
8	☐	1000.000	1001.945	2394815.57	0.3949	P	0.9
9	☐			741.72	0.0001	P	17.1

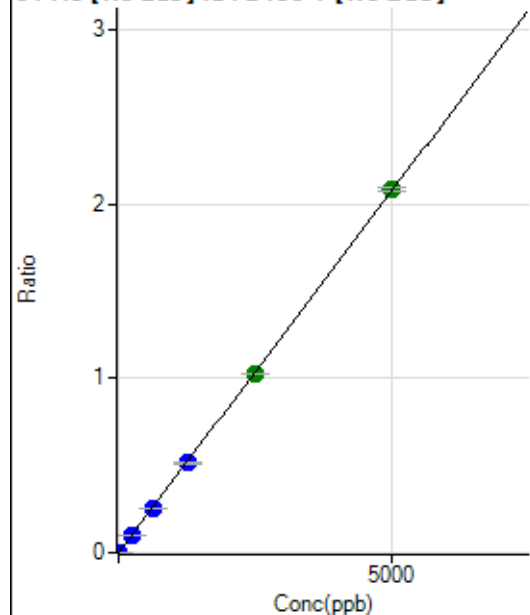
$$y = 3.9416\text{E-}004 * x + 1.4114\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03242$$

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	255.57	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	4.632	14922.20	0.0020	P	3.7
4	☐	250.000	249.884	765337.60	0.1038	P	0.2
5	☐	625.000	615.774	1809860.74	0.2556	P	0.3
6	☐	1250.000	1238.471	3335059.49	0.5141	P	0.6
7	☐	2500.000	2471.594	6392324.36	1.0260	A	0.4
8	☐	5000.000	5018.245	12631668.08	2.0831	A	0.9
9	☐			6146.03	0.0010	P	5.9

$$y = 4.1511\text{E-}004 * x + 3.3340\text{E-}005$$

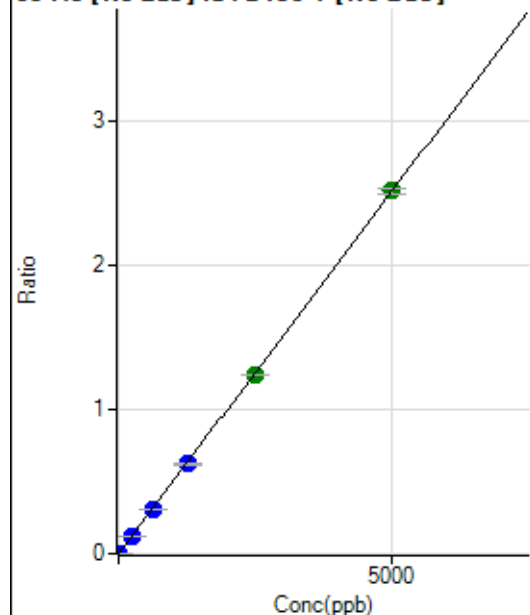
$$R = 1.0000$$

$$DL = 0.0319$$

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	30.56	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	4.824	18490.33	0.0024	P	1.3
4	☐	250.000	249.608	923690.02	0.1252	P	0.4
5	☐	625.000	617.767	2194210.88	0.3099	P	0.6
6	☐	1250.000	1240.178	4036108.43	0.6222	P	0.7
7	☐	2500.000	2474.979	7736056.34	1.2417	A	0.4
8	☐	5000.000	5015.890	15258703.64	2.5164	A	1.3
9	☐			9303.42	0.0015	P	8.6

$$y = 5.0169\text{E-}004 * x + 3.9817\text{E-}006$$

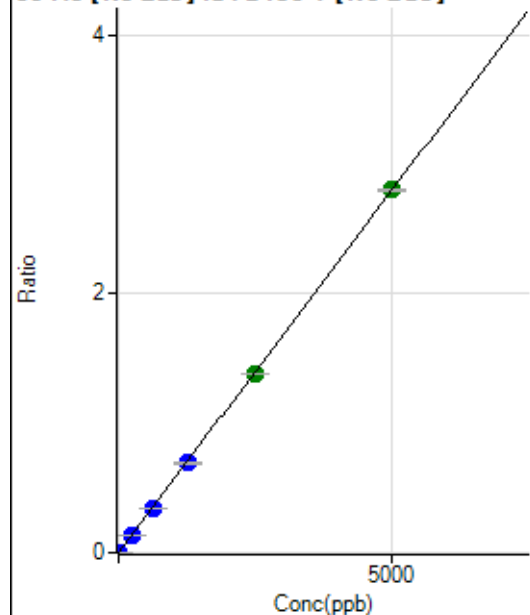
$$R = 1.0000$$

$$DL = 0.007359$$

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	77.78	0.0000	P	16.5
2	☐	0.500					
3	☐	5.000	4.921	21069.02	0.0028	P	0.4
4	☐	250.000	249.349	1028571.72	0.1395	P	0.6
5	☐	625.000	615.350	2436287.38	0.3441	P	0.3
6	☐	1250.000	1237.992	4491039.86	0.6923	P	0.7
7	☐	2500.000	2478.017	8633763.04	1.3858	A	0.3
8	☐	5000.000	5015.232	17006744.13	2.8046	A	0.8
9	☐			12353.03	0.0020	P	5.2

$$y = 5.5922\text{E-}004 * x + 1.0148\text{E-}005$$

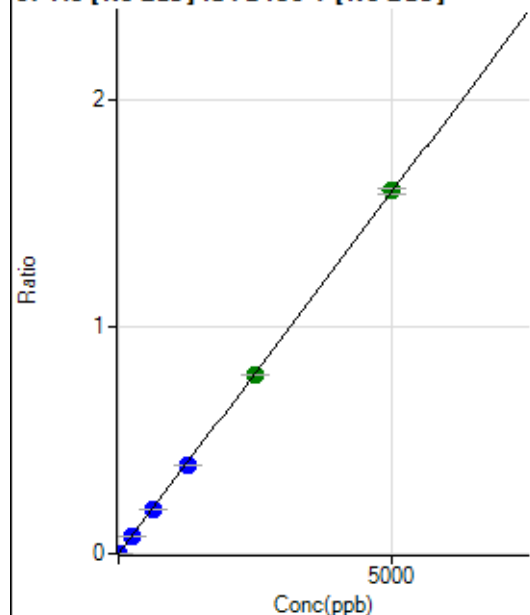
$$R = 1.0000$$

$$DL = 0.00898$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	69.9
2	☐	0.500					
3	☐	5.000	4.796	11663.65	0.0015	P	0.7
4	☐	250.000	245.899	576904.24	0.0782	P	0.3
5	☐	625.000	610.029	1373661.21	0.1940	P	0.4
6	☐	1250.000	1226.917	2531427.58	0.3902	P	0.6
7	☐	2500.000	2475.935	4906287.74	0.7875	A	0.8
8	☐	5000.000	5019.880	9681177.91	1.5966	A	1.4
9	☐			5509.60	0.0009	P	4.0

$$y = 3.1806E-004 * x + 3.6335E-006$$

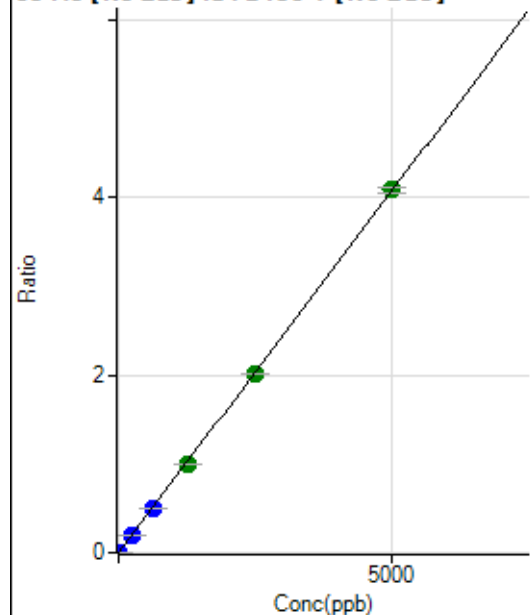
$$R = 1.0000$$

$$DL = 0.02395$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.858	30193.93	0.0040	P	0.5
4	☐	250.000	247.939	1487317.78	0.2016	P	0.9
5	☐	625.000	615.043	3541208.63	0.5002	P	0.3
6	☐	1250.000	1228.269	6479799.36	0.9989	A	0.6
7	☐	2500.000	2473.636	12533572.42	2.0117	A	0.5
8	☐	5000.000	5019.963	24754793.44	4.0826	A	1.4
9	☐			13659.83	0.0022	P	2.8

$$y = 8.1326E-004 * x + 7.2427E-006$$

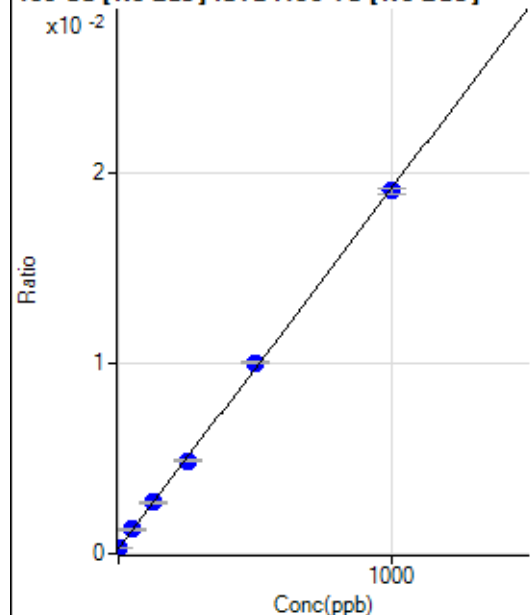
$$R = 1.0000$$

$$DL = 0.006027$$

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	2780.94	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.938	2969.88	0.0003	P	1.1
4	☐	50.000	53.092	13287.28	0.0013	P	1.5
5	☐	125.000	128.216	27928.35	0.0027	P	1.5
6	☐	250.000	243.779	48400.27	0.0049	P	1.7
7	☐	500.000	516.244	98266.72	0.0100	P	0.6
8	☐	1000.000	992.877	182538.27	0.0190	P	1.6
9	☐			2141.93	0.0002	P	9.1

$$y = 1.8920\text{E-}005 * x + 2.5940\text{E-}004$$

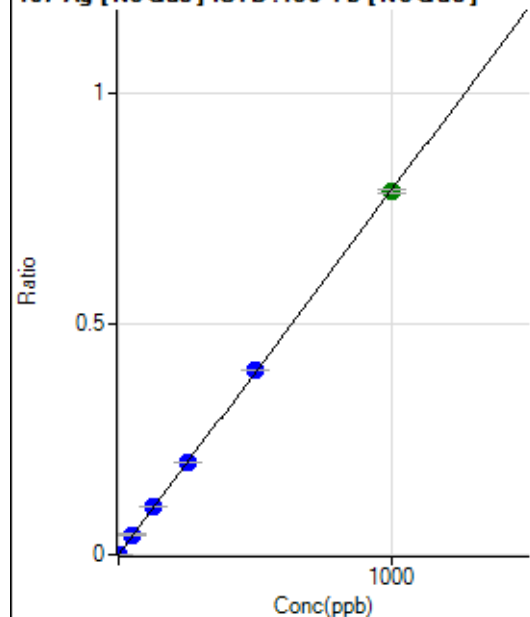
$$R = 0.9998$$

$$DL = 2.016$$

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	97.23	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.899	7710.74	0.0007	P	5.8
4	☐	50.000	55.109	457923.20	0.0436	P	1.3
5	☐	125.000	131.639	1082062.91	0.1040	P	1.2
6	☐	250.000	251.444	1974233.61	0.1987	P	0.3
7	☐	500.000	505.744	3917011.59	0.3997	P	0.5
8	☐	1000.000	995.682	7542043.31	0.7868	A	1.0
9	☐			597.26	0.0001	P	8.6

$$y = 7.9025\text{E-}004 * x + 9.0628\text{E-}006$$

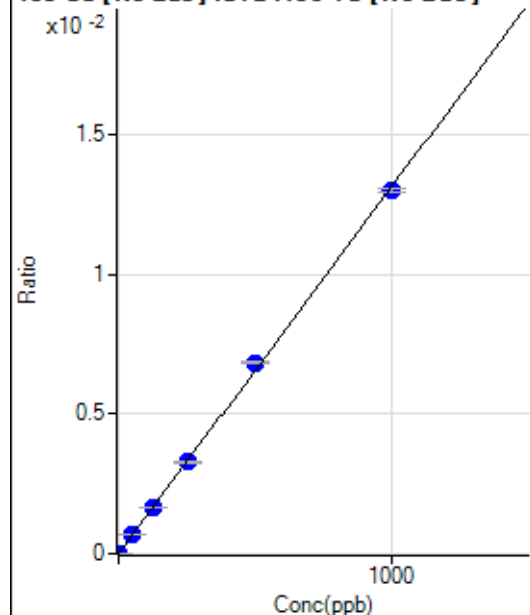
$$R = 1.0000$$

$$DL = 0.005878$$

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	8.33	0.0000	P	0.8
2	☐	0.100					
3	☐	1.000	1.116	165.28	0.0000	P	7.2
4	☐	50.000	53.944	7447.94	0.0007	P	1.1
5	☐	125.000	127.307	17378.94	0.0017	P	1.0
6	☐	250.000	249.722	32555.75	0.0033	P	1.1
7	☐	500.000	520.609	66944.98	0.0068	P	0.5
8	☐	1000.000	989.280	124406.56	0.0130	P	1.0
9	☐			36.11	0.0000	P	5.3

$$y = 1.3119\text{E-}005 * x + 7.7716\text{E-}007$$

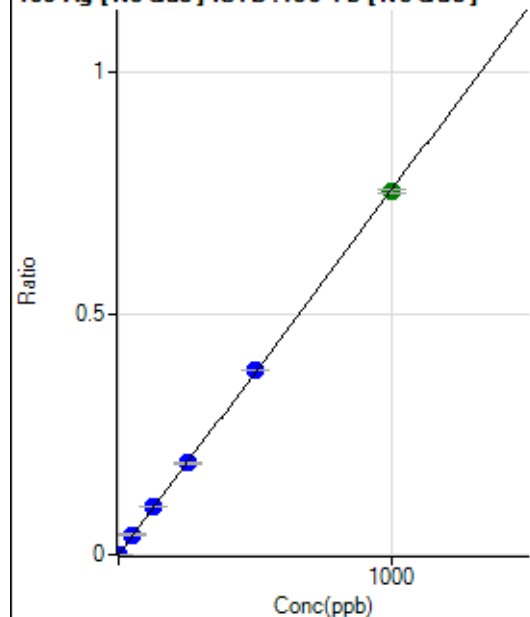
$$R = 0.9997$$

$$DL = 0.001502$$

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	50.00	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.939	7663.50	0.0007	P	2.5
4	☐	50.000	55.304	439941.03	0.0418	P	0.9
5	☐	125.000	131.502	1034869.34	0.0995	P	0.4
6	☐	250.000	251.772	1892574.41	0.1905	P	1.2
7	☐	500.000	506.993	3759427.17	0.3836	P	0.5
8	☐	1000.000	994.983	7215700.25	0.7528	A	1.2
9	☐			430.58	0.0000	P	24.4

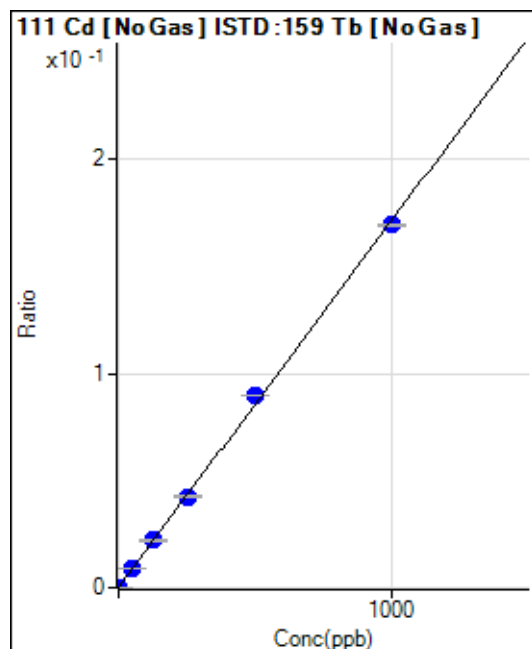
$$y = 7.5660\text{E-}004 * x + 4.6579\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008026$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1390.20	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.996	3216.62	0.0003	P	2.2
4	☐	50.000	52.919	96635.43	0.0092	P	1.5
5	☐	125.000	127.982	229309.88	0.0220	P	0.7
6	☐	250.000	247.453	422313.79	0.0425	P	1.1
7	☐	500.000	522.647	878487.76	0.0896	P	0.5
8	☐	1000.000	988.794	1624377.83	0.1695	P	0.8
9	☐			1283.20	0.0001	P	9.5

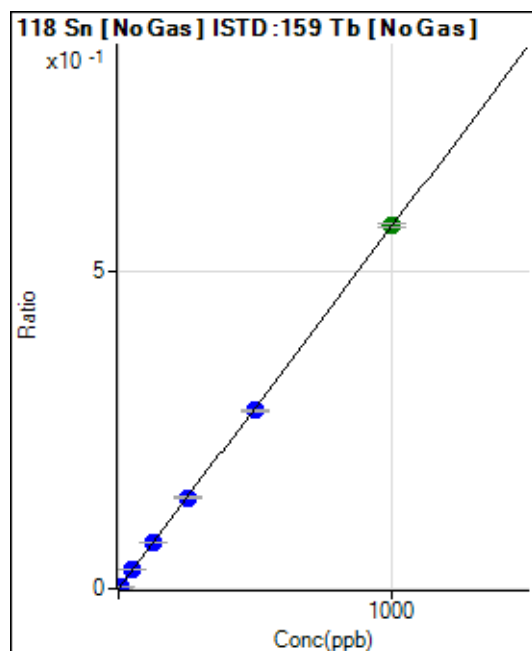
$$y = 1.7126\text{E-}004 * x + 1.2968\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.1084$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.60	0.0001	P	13.1
2	☐	0.500					
3	☐	5.000	5.118	32054.20	0.0030	P	0.7
4	☐	50.000	52.906	318623.93	0.0303	P	1.9
5	☐	125.000	128.858	766816.88	0.0737	P	0.7
6	☐	250.000	252.221	1433092.05	0.1442	P	1.0
7	☐	500.000	492.272	2758529.69	0.2815	P	0.7
8	☐	1000.000	1002.680	5494519.18	0.5732	A	1.2
9	☐			4059.10	0.0004	P	6.0

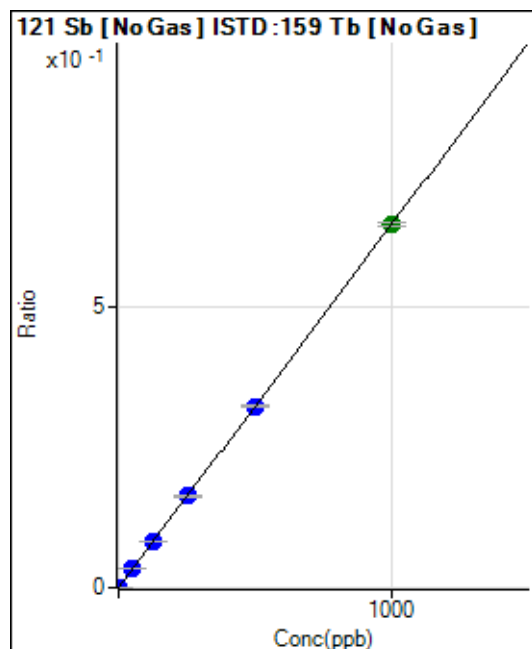
$$y = 5.7164\text{E-}004 * x + 6.5836\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04533$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.0
2	☐	0.200					
3	☐	2.000	1.925	13401.39	0.0013	P	2.2
4	☐	50.000	52.590	358638.98	0.0341	P	0.9
5	☐	125.000	128.860	869371.71	0.0836	P	0.9
6	☐	250.000	252.647	1628178.89	0.1639	P	1.0
7	☐	500.000	499.171	3173243.91	0.3238	P	1.0
8	☐	1000.000	999.141	6212074.10	0.6481	A	1.0
9	☐			7935.93	0.0008	P	2.4

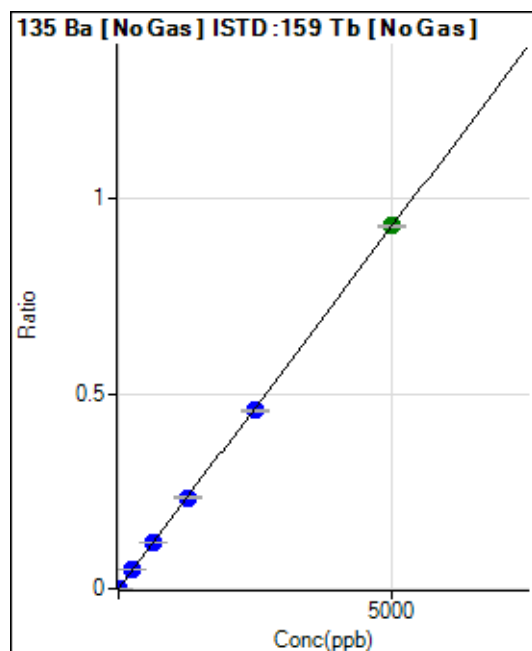
$$y = 6.4865E-004 * x + 1.8124E-006$$

$$R = 1.0000$$

$$DL = 0.002016$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	67.3
2	☐	1.000					
3	☐	10.000	9.867	19625.75	0.0018	P	2.9
4	☐	250.000	259.649	506057.88	0.0481	P	1.2
5	☐	625.000	635.761	1225884.19	0.1179	P	0.6
6	☐	1250.000	1259.167	2319206.11	0.2334	P	0.7
7	☐	2500.000	2464.686	4478038.77	0.4569	P	0.9
8	☐	5000.000	5013.538	8908996.81	0.9294	A	0.8
9	☐			1166.76	0.0001	P	11.8

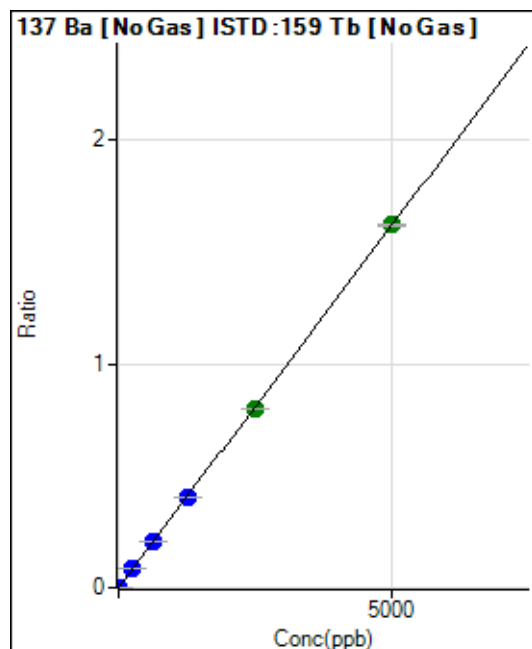
$$y = 1.8539E-004 * x + 2.3383E-006$$

$$R = 1.0000$$

$$DL = 0.02547$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	39.3
2	☐	1.000					
3	☐	10.000	9.954	34538.52	0.0032	P	0.3
4	☐	250.000	258.857	880161.11	0.0837	P	1.0
5	☐	625.000	633.884	2132298.14	0.2050	P	0.5
6	☐	1250.000	1249.922	4016269.14	0.4043	P	0.6
7	☐	2500.000	2475.476	7846462.42	0.8006	A	0.5
8	☐	5000.000	5010.728	15533582.81	1.6206	A	0.8
9	☐			2264.16	0.0002	P	14.5

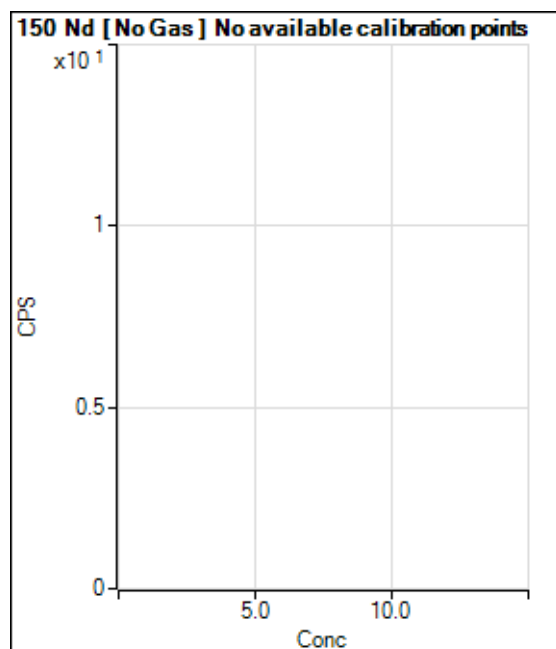
$$y = 3.2342\text{E-}004 * x + 3.8791\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01414$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	114.
4	☐			24.44		P	56.8
5	☐			88.89		P	31.2
6	☐			155.56		P	34.4
7	☐			291.13		P	24.1
8	☐			644.48		P	6.3
9	☐			126.67		P	9.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	114.
5	☐			8.89		P	57.3
6	☐			25.56		P	32.8
7	☐			43.33		P	15.4
8	☐			70.00		P	12.6
9	☐			63.33		P	21.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	173.
2	☐						
3	☐			8.33		P	0.0
4	☐			13.89		P	91.6
5	☐			16.67		P	NaN
6	☐			27.78		P	17.3
7	☐			63.89		P	39.8
8	☐			141.67		P	25.6
9	☐			94.45		P	28.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			6.67		P	50.0
4	☐			13.33		P	25.0
5	☐			32.22		P	26.0
6	☐			47.78		P	42.1
7	☐			84.45		P	25.4
8	☐			173.34		P	7.7
9	☐			54.45		P	28.9

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	63.0
2	☐						
3	☐			27.78		P	17.3
4	☐			30.56		P	15.7
5	☐			36.11		P	70.5
6	☐			27.78		P	17.3
7	☐			33.33		P	25.0
8	☐			72.22		P	40.5
9	☐			77.78		P	6.2

160 Gd [He] No available calibration points

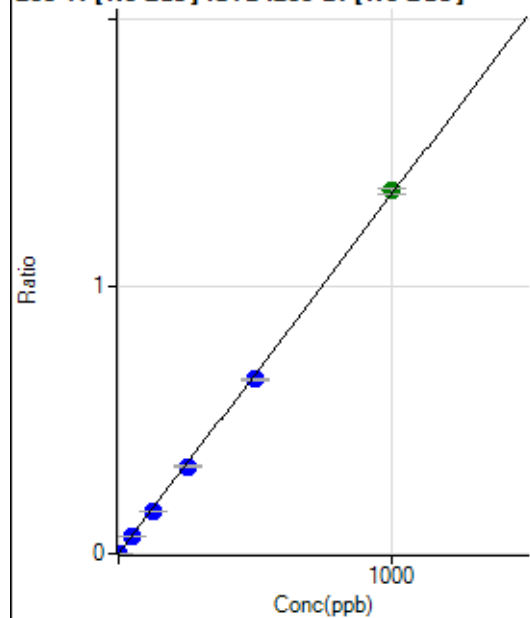
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			140.00		P	16.7
2	☐						
3	☐			153.34		P	8.7
4	☐			147.78		P	18.8
5	☐			136.67		P	22.4
6	☐			148.89		P	4.7
7	☐			141.11		P	19.2
8	☐			138.89		P	11.3
9	☐			138.89		P	6.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			16.67		P	NaN
4	☐			36.11		P	74.2
5	☐			38.89		P	53.9
6	☐			55.56		P	37.8
7	☐			44.45		P	60.3
8	☐			61.11		P	15.7
9	☐			55.56		P	31.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐						
3	☐			15.55		P	68.9
4	☐			17.78		P	21.7
5	☐			18.89		P	10.2
6	☐			7.78		P	49.5
7	☐			17.78		P	47.2
8	☐			27.78		P	48.5
9	☐			30.00		P	29.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.3
2	☐	0.100					
3	☐	1.000	0.890	8450.29	0.0012	P	1.7
4	☐	50.000	48.167	446630.25	0.0647	P	1.1
5	☐	125.000	119.864	1107905.75	0.1610	P	0.6
6	☐	250.000	242.370	2168253.98	0.3255	P	1.1
7	☐	500.000	484.777	4251189.63	0.6510	P	0.3
8	☐	1000.000	1010.253	8513262.09	1.3567	A	1.4
9	☐			1786.30	0.0003	P	10.0

$$y = 0.0013 * x + 9.8025E-006$$

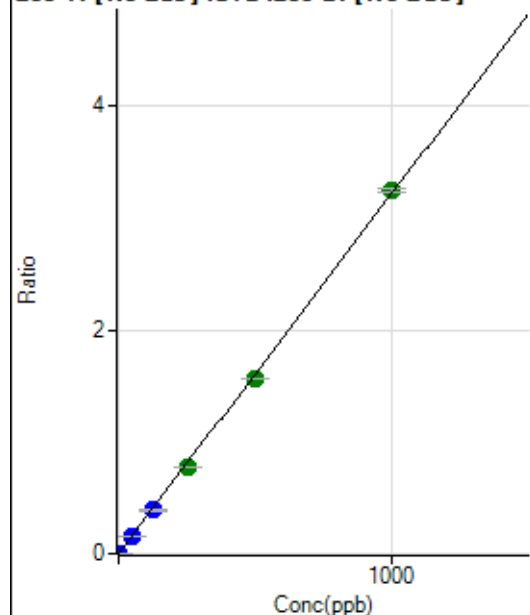
$$R = 0.9998$$

$$DL = 0.001589$$

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	166.68	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	0.911	20672.46	0.0029	P	1.0
4	☐	50.000	48.442	1074295.41	0.1556	P	1.3
5	☐	125.000	120.309	2659584.04	0.3864	P	0.2
6	☐	250.000	241.571	5168716.70	0.7759	A	0.9
7	☐	500.000	488.522	10246018.89	1.5691	A	0.0
8	☐	1000.000	1008.511	20326358.10	3.2392	A	1.0
9	☐			4353.69	0.0008	P	14.3

$$y = 0.0032 * x + 2.3527E-005$$

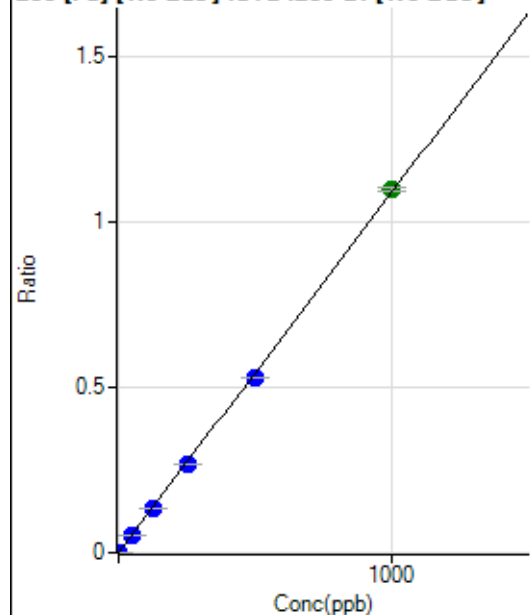
$$R = 0.9999$$

$$DL = 0.002941$$

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	172.23	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	0.894	6985.38	0.0010	P	5.4
4	☐	50.000	49.055	368505.66	0.0534	P	1.3
5	☐	125.000	121.770	911668.62	0.1325	P	0.3
6	☐	250.000	244.762	1773527.73	0.2662	P	0.6
7	☐	500.000	487.585	3463075.80	0.5303	P	0.2
8	☐	1000.000	1007.968	6879572.43	1.0963	A	1.0
9	☐			6536.97	0.0012	P	1.9

$$y = 0.0011 * x + 2.4297E-005$$

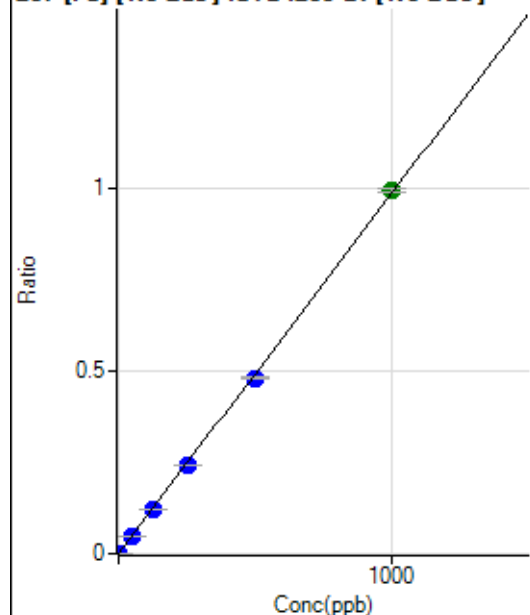
$$R = 0.9999$$

$$DL = 0.009618$$

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	148.15	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	0.859	6084.91	0.0009	P	3.3
4	☐	50.000	48.602	331109.23	0.0480	P	1.2
5	☐	125.000	120.557	818545.53	0.1189	P	0.4
6	☐	250.000	244.822	1608786.94	0.2415	P	0.6
7	☐	500.000	488.154	3144325.91	0.4815	P	0.4
8	☐	1000.000	1007.843	6238261.02	0.9941	A	1.1
9	☐			5447.57	0.0010	P	2.9

$$y = 9.8637\text{E-}004 * x + 2.0909\text{E-}005$$

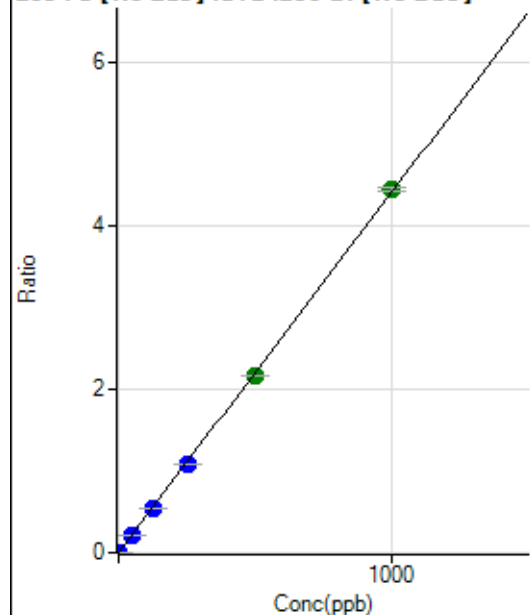
$$R = 0.9999$$

$$DL = 0.007671$$

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	670.40	0.0001	P	7.0
2	☐	0.100					
3	☐	1.000	0.898	28461.05	0.0041	P	2.2
4	☐	50.000	48.758	1486985.78	0.2154	P	1.2
5	☐	125.000	120.991	3677498.06	0.5343	P	0.3
6	☐	250.000	245.190	7212718.37	1.0827	P	0.4
7	☐	500.000	489.647	14118862.29	2.1622	A	0.4
8	☐	1000.000	1006.943	27901329.27	4.4463	A	1.1
9	☐			25786.47	0.0046	P	3.9

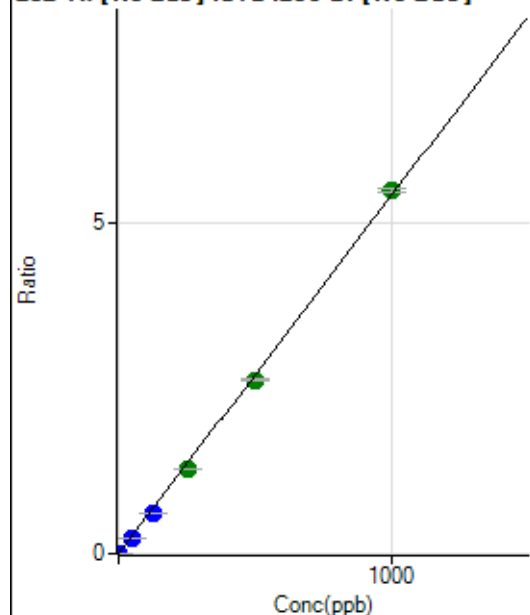
$$y = 0.0044 * x + 9.4596\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.004516$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.19	0.0000	P	25.9
2	☐	0.100					
3	☐	1.000	0.794	30263.28	0.0043	P	0.7
4	☐	50.000	45.218	1692106.24	0.2451	P	0.8
5	☐	125.000	113.980	4251793.99	0.6178	P	0.1
6	☐	250.000	237.175	8563270.10	1.2855	A	0.5
7	☐	500.000	484.553	17149581.52	2.6263	A	0.6
8	☐	1000.000	1012.546	34438347.06	5.4880	A	1.0
9	☐			5582.85	0.0010	P	15.2

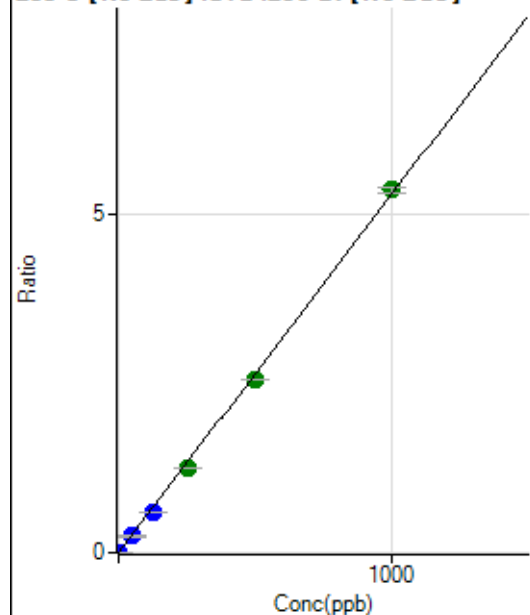
$$y = 0.0054 * x + 1.2014E-005$$

$$R = 0.9997$$

$$DL = 0.001723$$

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	63.89	0.0000	P	45.8
2	☐	0.100					
3	☐	1.000	0.817	30319.59	0.0043	P	1.2
4	☐	50.000	45.662	1666271.58	0.2414	P	1.0
5	☐	125.000	114.847	4177850.09	0.6070	P	0.6
6	☐	250.000	236.710	8334408.17	1.2511	A	0.4
7	☐	500.000	483.757	16696715.48	2.5569	A	0.4
8	☐	1000.000	1012.930	33594580.26	5.3539	A	1.7
9	☐			2158.61	0.0004	P	9.2

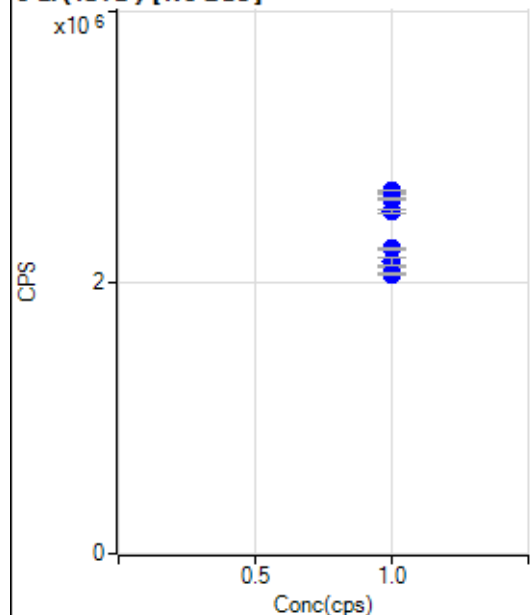
$$y = 0.0053 * x + 9.0123E-006$$

$$R = 0.9997$$

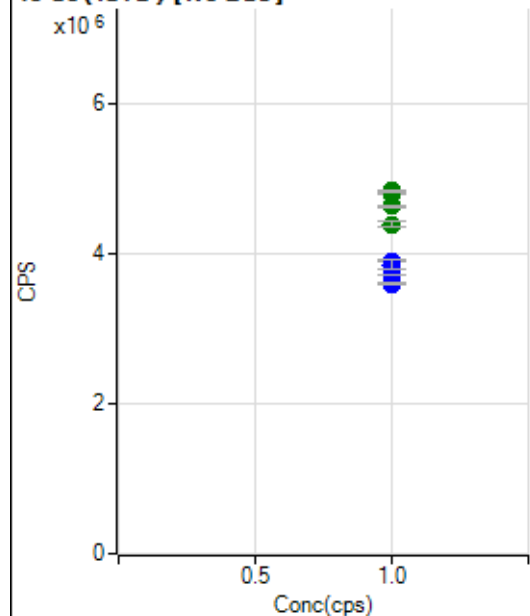
$$DL = 0.002342$$

Weight: <None>

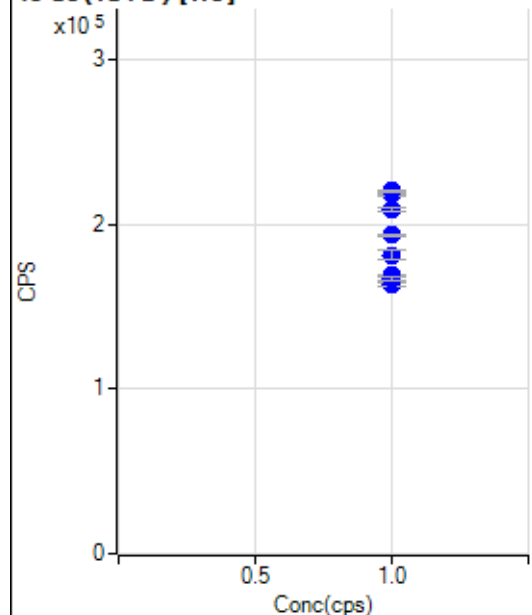
Min Conc: 0

6 Li (ISTD) [No Gas]

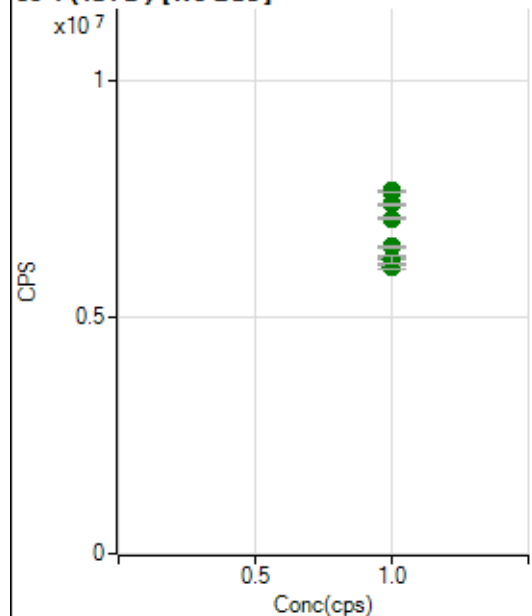
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2659103.99		P	0.5
2	☐	1.000					
3	☐	1.000		2676393.67		P	0.1
4	☐	1.000		2617065.74		P	0.4
5	☐	1.000		2519659.08		P	1.0
6	☐	1.000		2251011.20		P	0.7
7	☐	1.000		2122952.49		P	0.2
8	☐	1.000		2062905.78		P	0.6
9	☐	1.000		2154683.74		P	2.9

45 Sc (ISTD) [No Gas]

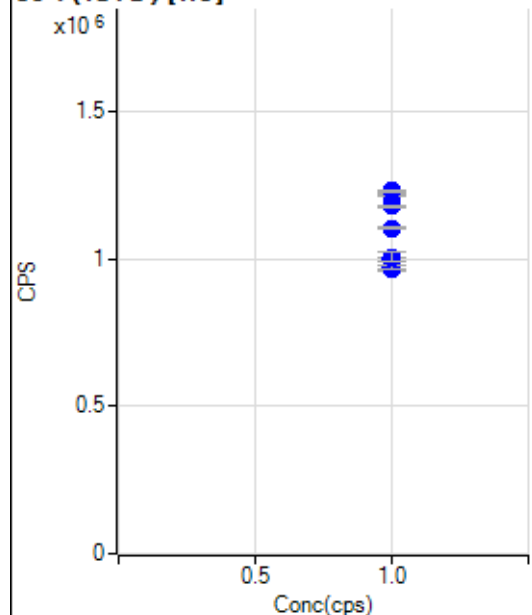
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4806493.47		A	0.2
2	☐	1.000					
3	☐	1.000		4837809.53		A	0.4
4	☐	1.000		4634245.37		A	0.4
5	☐	1.000		4393890.68		A	1.4
6	☐	1.000		3905392.88		P	0.2
7	☐	1.000		3712651.30		P	0.1
8	☐	1.000		3592053.86		P	0.8
9	☐	1.000		3856020.31		P	2.9

45 Sc (ISTD) [He]

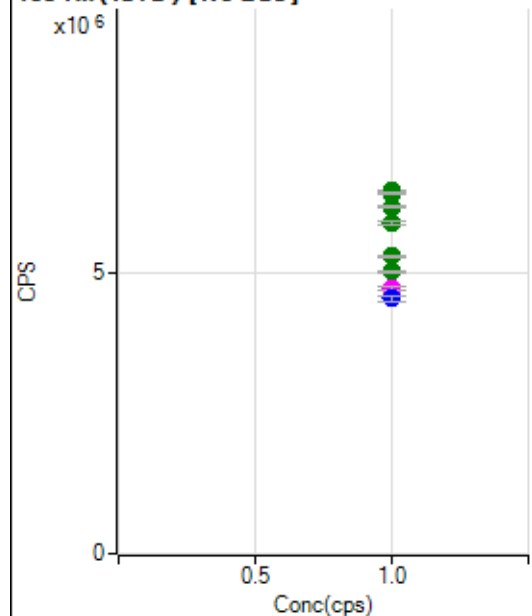
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		217936.06		P	0.9
2	☐	1.000					
3	☐	1.000		220378.67		P	0.3
4	☐	1.000		208713.84		P	1.0
5	☐	1.000		193425.75		P	0.4
6	☐	1.000		169552.93		P	0.3
7	☐	1.000		163508.43		P	0.9
8	☐	1.000		167211.30		P	1.9
9	☐	1.000		181296.73		P	3.0

89 Y (ISTD) [No Gas]

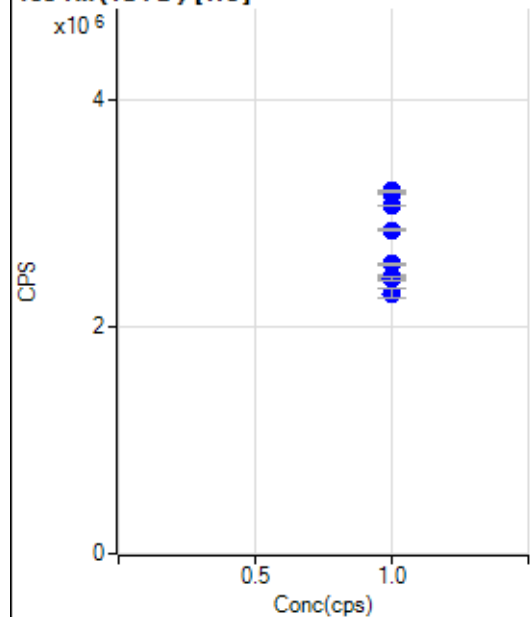
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7666057.04		A	0.6
2	☐	1.000					
3	☐	1.000		7627978.01		A	0.2
4	☐	1.000		7375961.21		A	0.5
5	☐	1.000		7079623.44		A	0.6
6	☐	1.000		6486816.71		A	0.4
7	☐	1.000		6230373.45		A	0.5
8	☐	1.000		6064190.81		A	1.2
9	☐	1.000		6208409.49		A	2.4

89 Y (ISTD) [He]

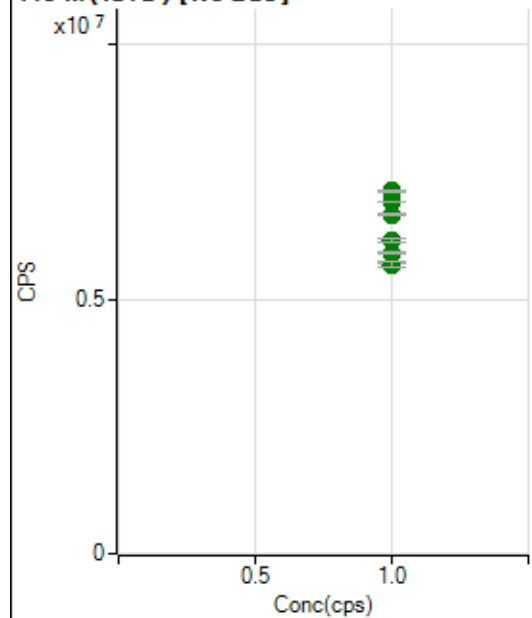
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1218524.55		P	0.8
2	☐	1.000					
3	☐	1.000		1233079.07		P	0.5
4	☐	1.000		1181114.96		P	0.5
5	☐	1.000		1105224.82		P	0.6
6	☐	1.000		999099.68		P	1.1
7	☐	1.000		964898.51		P	0.8
8	☐	1.000		975471.25		P	1.6
9	☐	1.000		1008691.87		P	3.6

103 Rh (ISTD) [No Gas]

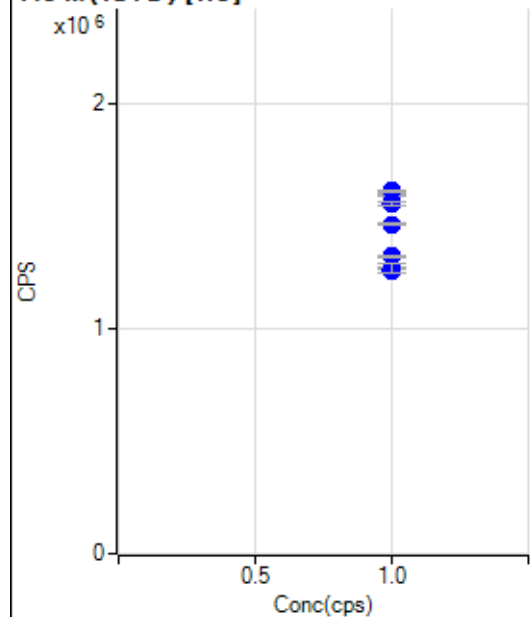
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6442796.54		A	0.7
2	☐	1.000					
3	☐	1.000		6400547.89		A	0.6
4	☐	1.000		6157795.49		A	0.2
5	☐	1.000		5867496.92		A	1.0
6	☐	1.000		5279513.23		A	0.7
7	☐	1.000		5015330.45		A	0.5
8	☐	1.000		4711628.80		M	0.9
9	☐	1.000		4529801.66		P	1.9

103 Rh (ISTD) [He]

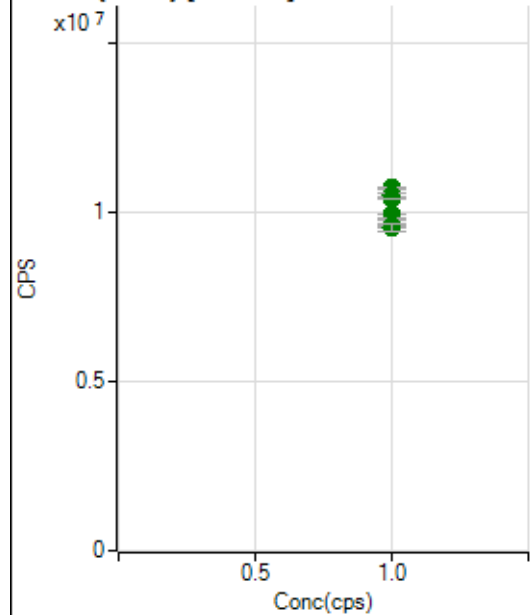
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3170313.15		P	0.4
2	☐	1.000					
3	☐	1.000		3195223.88		P	0.7
4	☐	1.000		3067852.90		P	0.3
5	☐	1.000		2849300.51		P	0.4
6	☐	1.000		2552263.63		P	0.7
7	☐	1.000		2444475.83		P	1.2
8	☐	1.000		2415980.33		P	1.6
9	☐	1.000		2291878.70		P	3.7

115 In (ISTD) [No Gas]

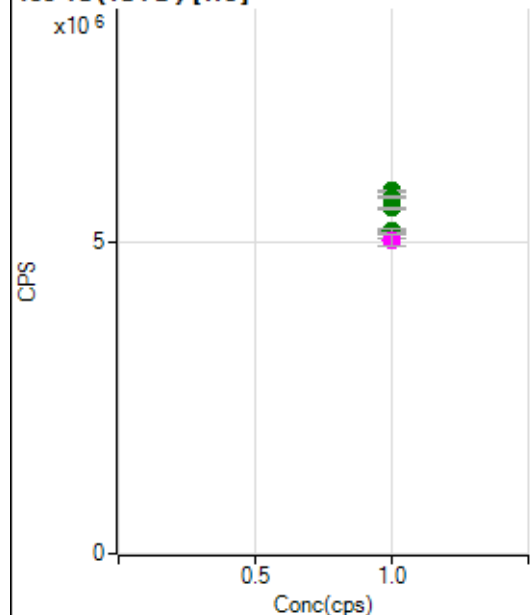
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7125647.36		A	0.4
2	☐	1.000					
3	☐	1.000		7118885.19		A	0.3
4	☐	1.000		6918205.92		A	0.3
5	☐	1.000		6660089.52		A	0.5
6	☐	1.000		6157719.92		A	0.8
7	☐	1.000		5906028.16		A	0.3
8	☐	1.000		5670203.42		A	0.9
9	☐	1.000		5678212.53		A	2.4

115 In (ISTD) [He]

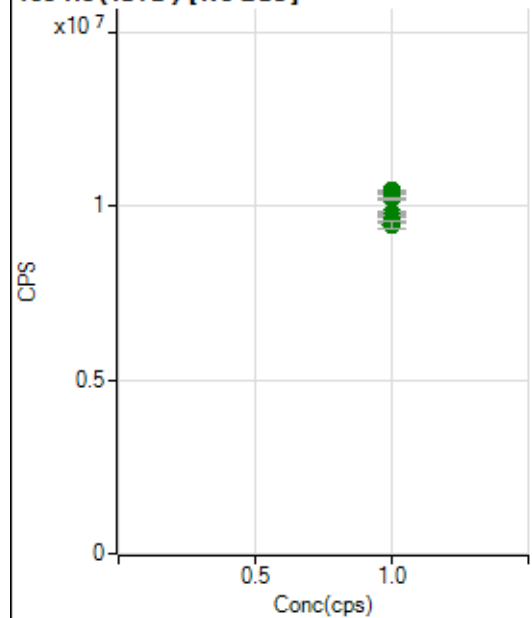
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1597568.12		P	0.7
2	☐	1.000					
3	☐	1.000		1615557.47		P	0.3
4	☐	1.000		1561424.45		P	1.0
5	☐	1.000		1465026.88		P	0.6
6	☐	1.000		1326632.90		P	0.6
7	☐	1.000		1268603.78		P	0.8
8	☐	1.000		1257270.38		P	1.7
9	☐	1.000		1269873.11		P	3.5

159 Tb (ISTD) [No Gas]

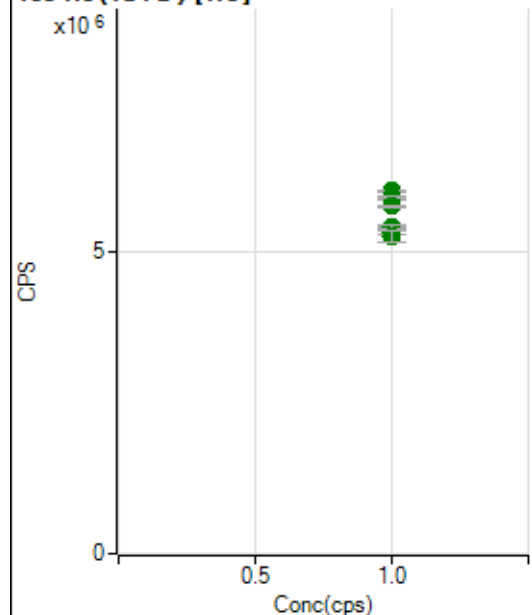
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10719076.92		A	0.8
2	☐	1.000					
3	☐	1.000		10715764.84		A	0.3
4	☐	1.000		10513240.33		A	0.7
5	☐	1.000		10400813.11		A	0.1
6	☐	1.000		9935132.21		A	0.1
7	☐	1.000		9800741.10		A	0.6
8	☐	1.000		9585678.12		A	0.9
9	☐	1.000		9538245.00		A	2.1

159 Tb (ISTD) [He]

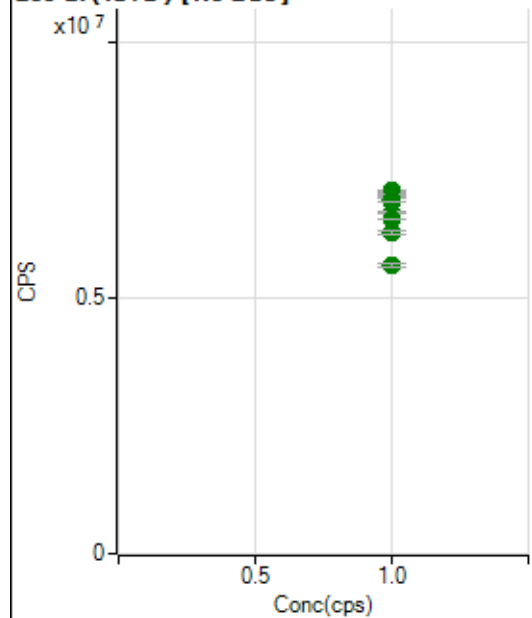
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5722743.46		A	0.2
2	☐	1.000					
3	☐	1.000		5828445.05		A	0.5
4	☐	1.000		5720826.37		A	0.6
5	☐	1.000		5551757.14		A	0.6
6	☐	1.000		5188859.26		A	0.2
7	☐	1.000		5115774.92		A	1.4
8	☐	1.000		5197066.69		A	1.2
9	☐	1.000		5046159.27		M	3.8

165 Ho (ISTD) [No Gas]

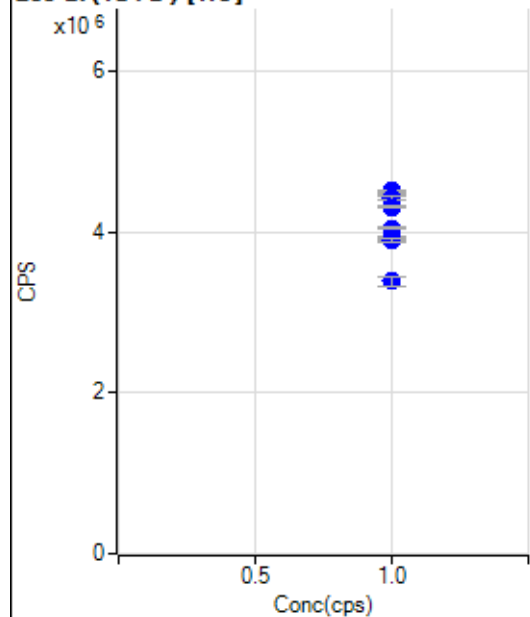
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10442859.61		A	0.8
2	☐	1.000					
3	☐	1.000		10362252.40		A	0.3
4	☐	1.000		10234587.90		A	0.5
5	☐	1.000		10220348.58		A	0.5
6	☐	1.000		9821494.92		A	0.6
7	☐	1.000		9701703.43		A	0.5
8	☐	1.000		9550799.78		A	0.9
9	☐	1.000		9468413.75		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5864460.12		A	0.5
2	☐	1.000					
3	☐	1.000		5993416.02		A	0.5
4	☐	1.000		5904494.29		A	0.6
5	☐	1.000		5739059.36		A	0.6
6	☐	1.000		5389107.49		A	0.4
7	☐	1.000		5300787.39		A	1.2
8	☐	1.000		5398407.63		A	1.1
9	☐	1.000		5249791.97		A	3.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7085672.46		A	0.4
2	☐	1.000					
3	☐	1.000		7009795.66		A	0.4
4	☐	1.000		6904177.12		A	0.8
5	☐	1.000		6882340.31		A	0.1
6	☐	1.000		6661499.90		A	0.4
7	☐	1.000		6530002.05		A	0.2
8	☐	1.000		6275686.37		A	1.2
9	☐	1.000		5629575.19		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4459597.50		P	0.7
2	☐	1.000					
3	☐	1.000		4518683.13		P	0.8
4	☐	1.000		4431253.83		P	0.8
5	☐	1.000		4318035.91		P	0.5
6	☐	1.000		4051822.16		P	0.4
7	☐	1.000		3924834.94		P	1.3
8	☐	1.000		3899628.90		P	1.6
9	☐	1.000		3393660.26		P	3.3