

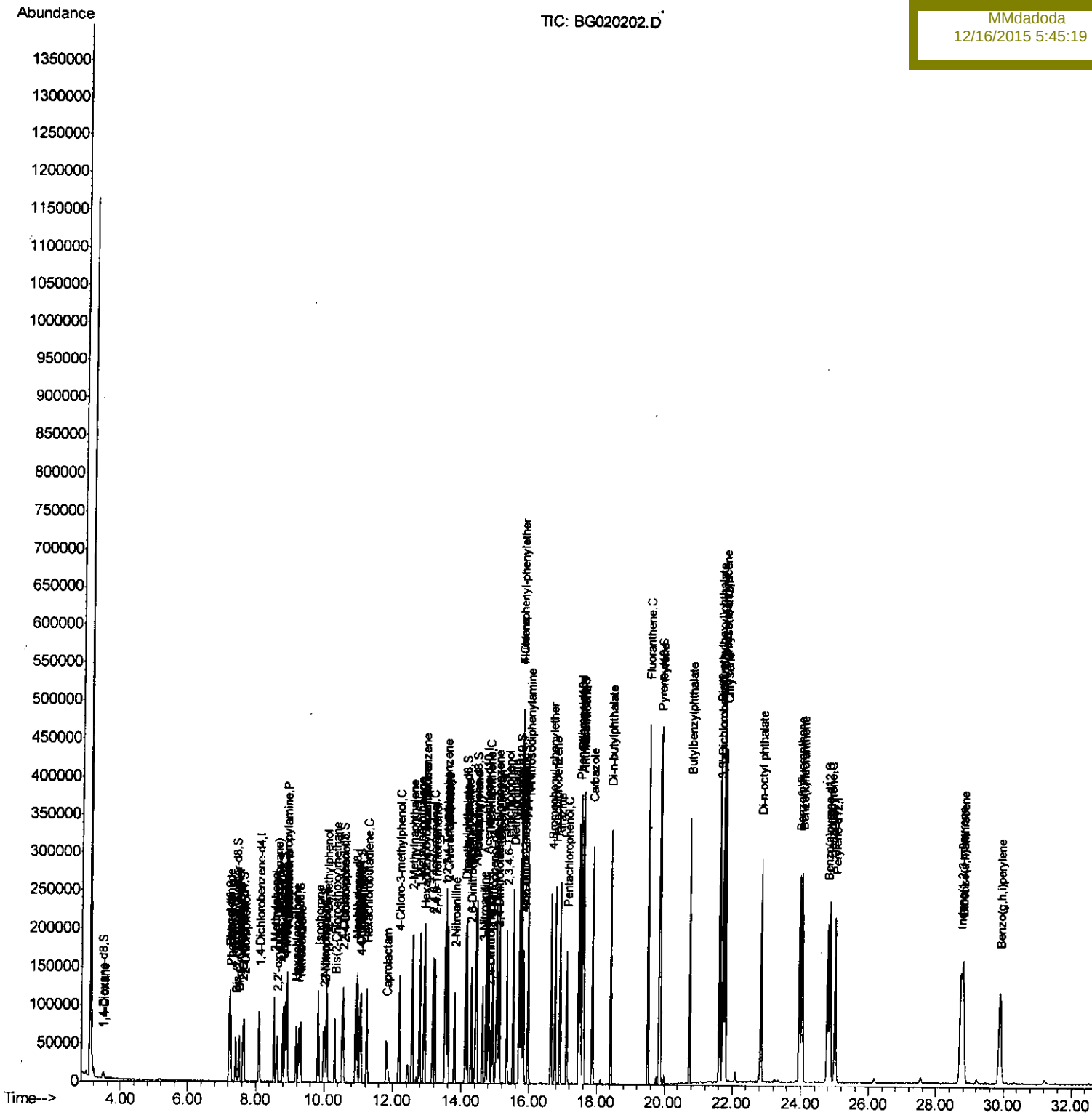
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG121615\
Data File : BG020202.D
Acq On    : 15 Dec 2015  23:19
Operator  : UM/SJ
Sample    : SSTDCCC020
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

Quant Time: Dec 16 03:45:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
Qlast Update : Wed Dec 16 02:38:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02037

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methvl naphthalene	12.78	142	89459	20.97	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	63869	20.36	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	36369	18.76	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	42574	21.16	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	46207	20.66	ng/ul	98
41) 1,1'-Biophenyl	13.56	154	130911	20.76	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	102355	20.27	ng/ul	98
43) 2-Nitroaniline	13.80	65	36645	21.35	ng/ul	97
45) Dimethylphthalate	14.17	163	141587	20.50	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	30108	21.08	ng/ul	94
48) Acenaphthylene	14.46	152	173049	20.71	ng/ul	100
49) 3-Nitroaniline	14.63	138	30923	22.30	ng/ul	96
50) Acenaphthene	14.79	153	114830	20.42	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	17047	20.97	ng/ul	95
53) 4-Nitrophenol	14.93	109	24608	21.10	ng/ul	96
54) Dibenzofuran	15.12	168	172828	20.66	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	46098	21.99	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	46140	21.46	ng/ul#	97
57) Diethylphthalate	15.53	149	147481	20.58	ng/ul	99
59) Fluorene	15.77	166	140397	20.90	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	78462	20.72	ng/ul	98
61) 4-Nitroaniline	15.79	138	32249	21.51	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.84	198	29750	21.34	ng/ul	94
65) N-Nitrosodiphenylamine	15.97	169	126870	20.84	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	54089	21.04	ng/ul	100
67) Hexachlorobenzene	16.78	284	58591	21.22	ng/ul#	87
68) Atrazine	16.92	200	55087	21.21	ng/ul	98
69) Pentachlorophenol	17.12	266	32862	19.74	ng/ul	98
70) Phenanthrene	17.51	178	246679	20.59	ng/ul	98
72) Anthracene	17.60	178	250824	20.64	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	70302	20.49	ng/uL	97
74) Pentachlorobenzene	15.04	250	65578	20.61	ng/uL	95
75) Carbazole	17.87	167	214079	20.97	ng/ul	100
76) Di-n-butylphthalate	18.42	149	248290	20.93	ng/ul	99
77) Fluoranthene	19.51	202	300471	21.46	ng/ul	99
80) Pvrene	19.88	202	301871	20.24	ng/ul	99
81) Butylbenzylphthalate	20.75	149	107539	20.75	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	97729	21.71	ng/ul	97
83) Benzo(a)anthracene	21.72	228	297945	20.72	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	154737	20.88	ng/ul	99
85) Chrysene	21.79	228	279181	20.62	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	265079	20.83	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	285909	20.51	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	274524	20.52	ng/ul	99
91) Benzo(a)pyrene	24.85	252	273312	20.68	ng/ui	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	325489	20.68	ng/ul	96
93) Dibenzo(a,h)anthracene	28.80	278	270562	20.71	ng/ul	97
94) Benzo(a,h,i)perylene	29.91	276	265436	20.57	ng/ul	99

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Manual Integrations
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Quant Time: Dec 16 03:45:35 2015
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Quant Title : SVOA CALIBRATION
OLast Update : Wed Dec 16 02:38:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	24596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	111237	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	83586	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	219007	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	246411	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	231655	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3508	7.87	ng/uL	0.00
5) Phenol-d5	7.25	99	45117	20.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	27028	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	33675	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	38742	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	17728	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	20555	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	42167	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	49302	22.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	139090	20.57	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	164625	20.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	25031	20.64	ng/ul	0.00
58) Fluorene-d10	15.72	176	126356	20.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	27149	20.91	ng/ul	0.00
71) Anthracene-d10	17.57	188	206286	20.44	ng/ul	0.00
79) Pyrene-d10	19.85	212	233375	20.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	240492	20.81	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.51	88	4907m	7.46	ng/uL
4) Benzaldehyde	7.23	77	29995	21.36	ng/ul
6) Phenol	7.28	94	47120	20.29	ng/ul
8) Bis(2-Chloroethyl)ether	7.51	93	33262	20.87	ng/ul
10) 2-Chlorophenol	7.66	128	34735	21.03	ng/ul
11) 2-Methylphenol	8.53	108	36668	20.70	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.63	45	46898	20.43	ng/ul
14) Acetophenone	8.92	105	59910	20.63	ng/ul
15) N-Nitroso-di-n-propylamine	8.90	70	31617	20.56	ng/ul
16) 4-Methylphenol	8.86	108	41247	21.03	ng/ul
17) Hexachloroethane	9.18	117	14106	20.32	ng/ul
20) Nitrobenzene	9.31	77	47078	20.49	ng/ul
21) Isophorone	9.83	82	89692	20.45	ng/ul
23) 2-Nitrophenol	10.02	139	21707	20.98	ng/ul
24) 2,4-Dimethylphenol	10.07	107	49370	21.01	ng/ul
25) Bis(2-Chloroethoxy)methane	10.31	93	48398	20.37	ng/ul
27) 2,4-Dichlorophenol	10.55	162	42522	21.18	ng/ul
28) Naphthalene	10.97	128	119846	20.63	ng/ul
30) 4-Chloroaniline	11.07	127	49649	22.15	ng/ul
31) Hexachlorobutadiene	11.25	225	30881	20.64	ng/ul
32) Caprolactam	11.82	113	15260m	21.54	ng/ul
33) 4-Chloro-3-methylphenol	12.18	107	50031	20.97	ng/ul
34) 2-Methylnaphthalene	12.56	142	91883	20.71	ng/ul

100

U-2
12/17/15

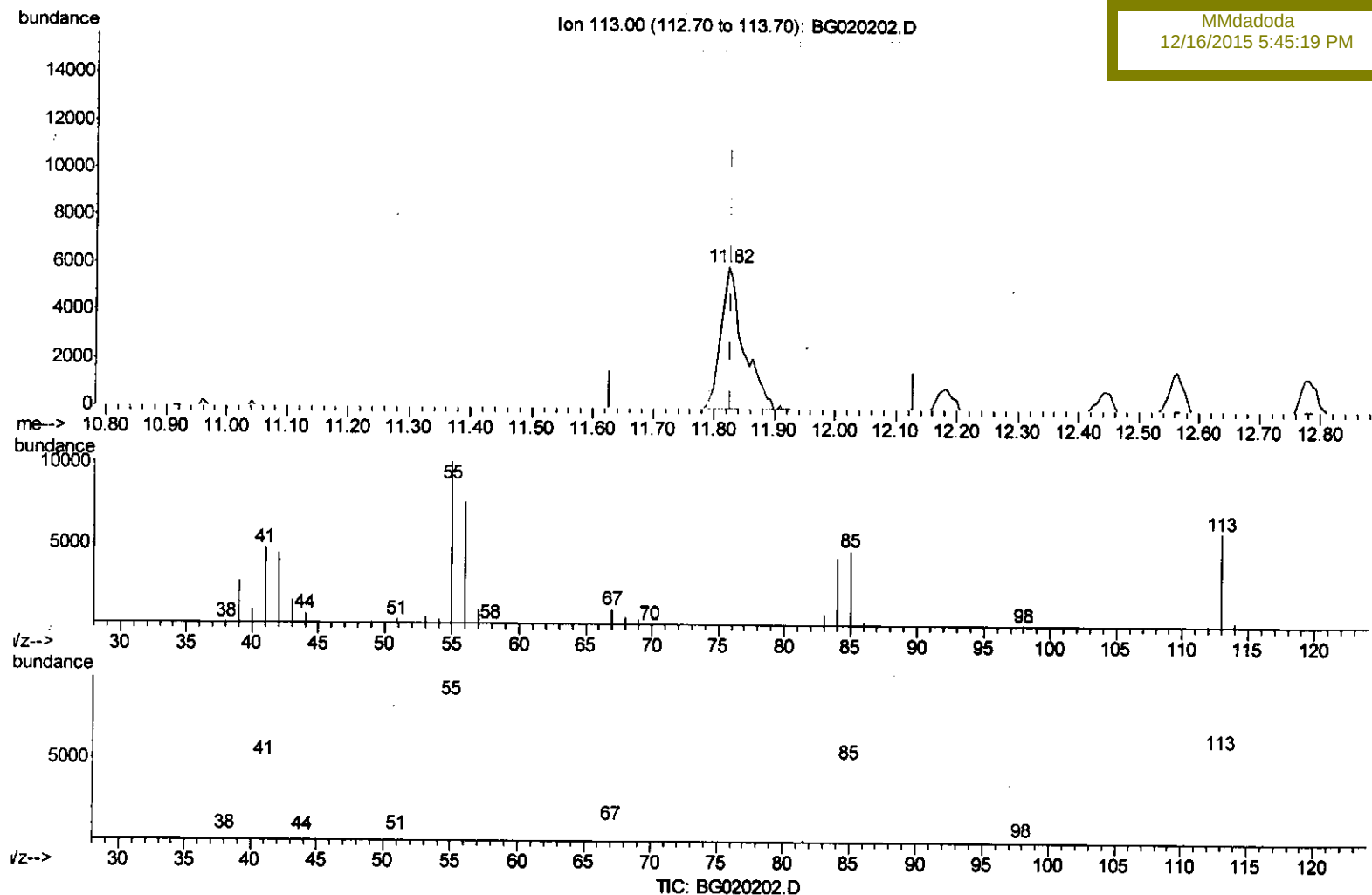
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(32) Caprolactam

11.823min (-0.005) 21.54ng/ul m

response 15260

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	170.55
56.00	129.10	128.73
0.00	0.00	0.00

U.M
 12/17/15

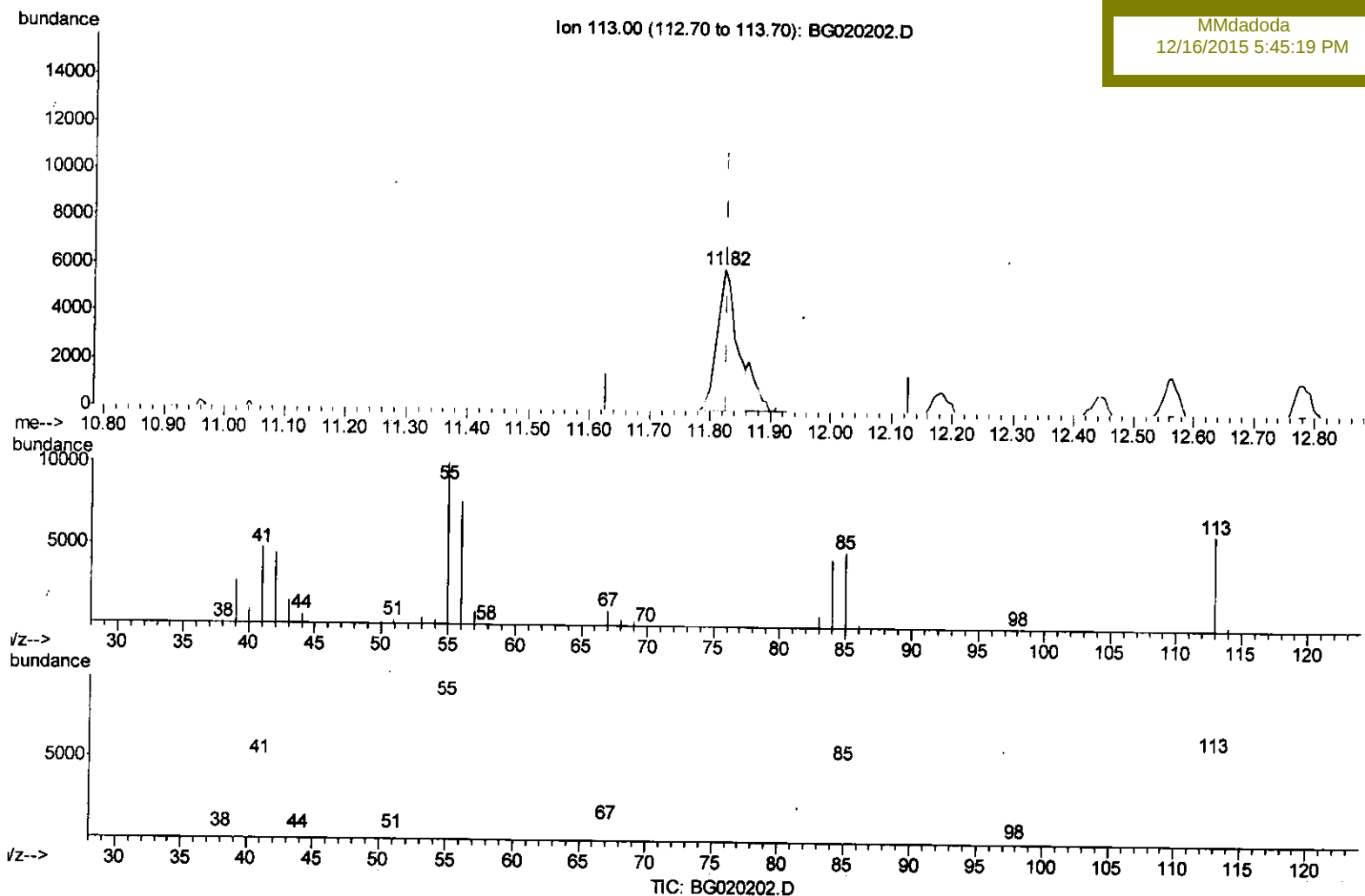
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(32) Caprolactam

11.823min (-0.005) 18.26ng/ul

response 12938

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	170.55
56.00	129.10	128.73
0.00	0.00	0.00

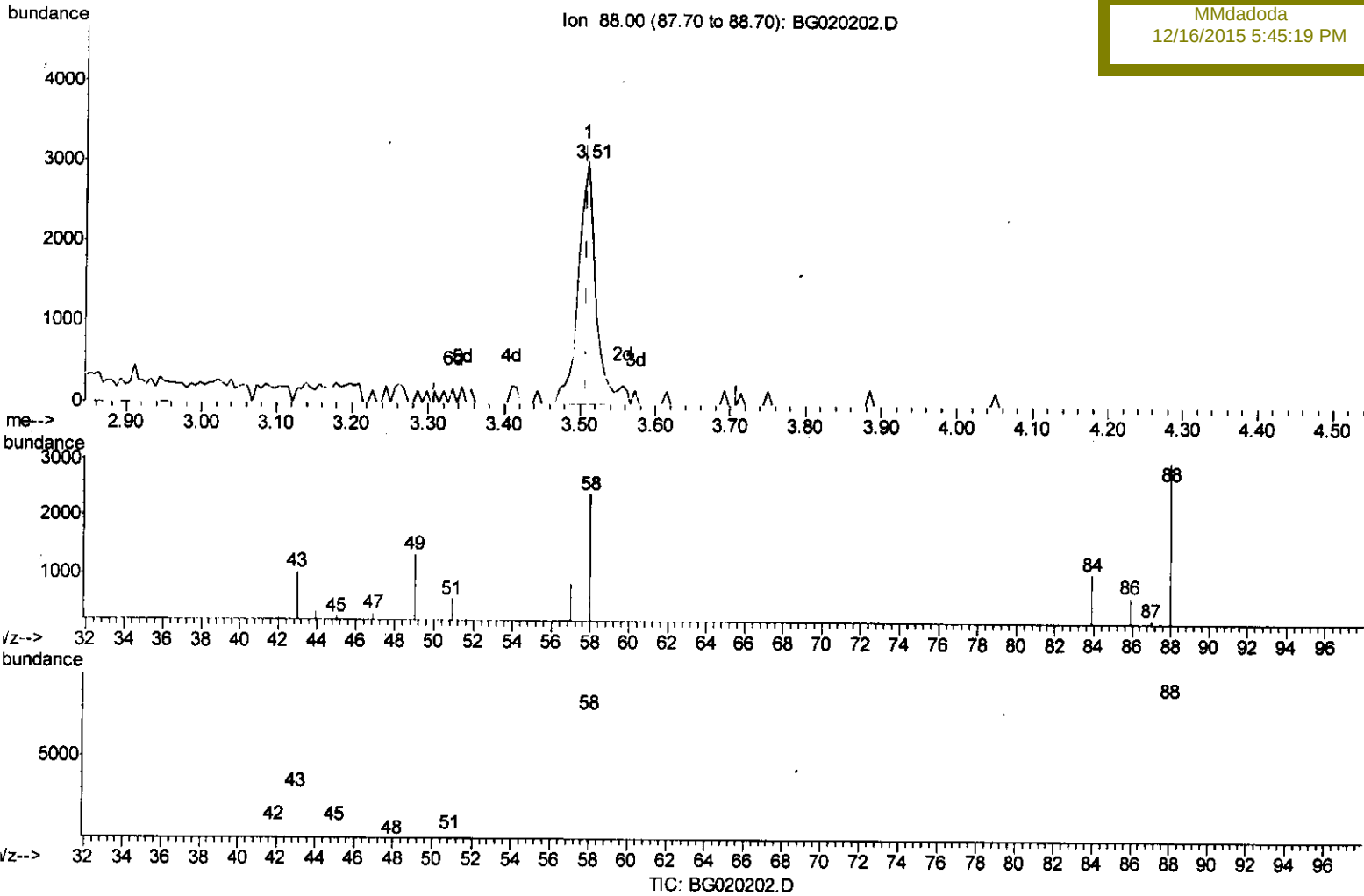
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 12/16/2015 5:45:19 PM



(2) 1,4-Dioxane

3.509min (+0.000) 7.46ng/uL m

response 4907

Ion	Exp%	Act%
88.00	100	100
43.00	34.80	34.16
58.00	74.90	79.91
0.00	0.00	0.00

Handwritten: 0.21
 12/17/15

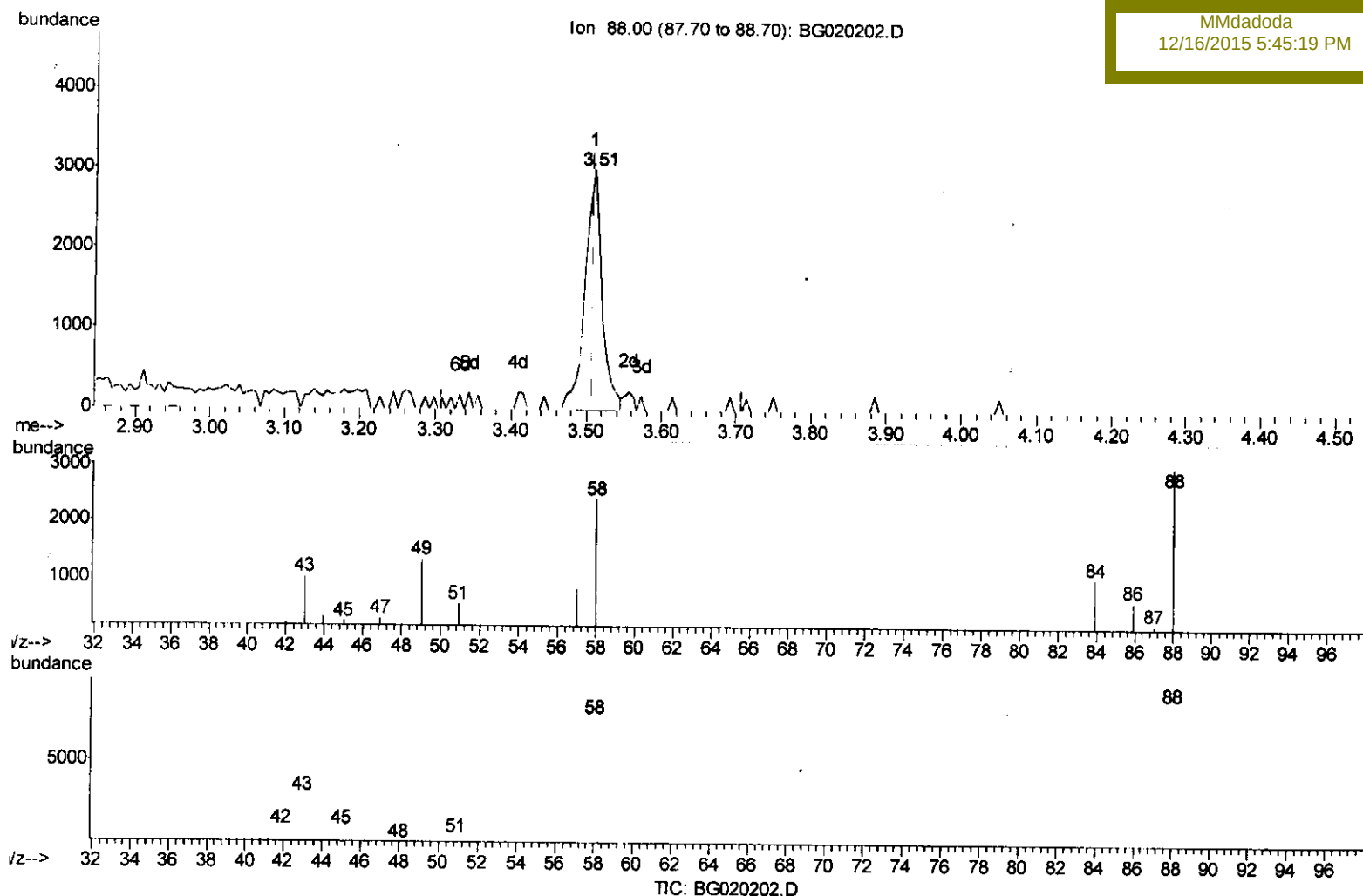
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(2) 1,4-Dioxane

3.509min (+0.000) 7.14ng/uL

response 4702

Ion	Exp%	Act%
88.00	100	100
43.00	34.80	34.16
58.00	74.90	79.91
0.00	0.00	0.00