Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
Data File : BG018329.D
Acq On : 9 Aug 2015 15:21
Operator : UM/TP
Sample : SSTD02081
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 07:37:20 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:27:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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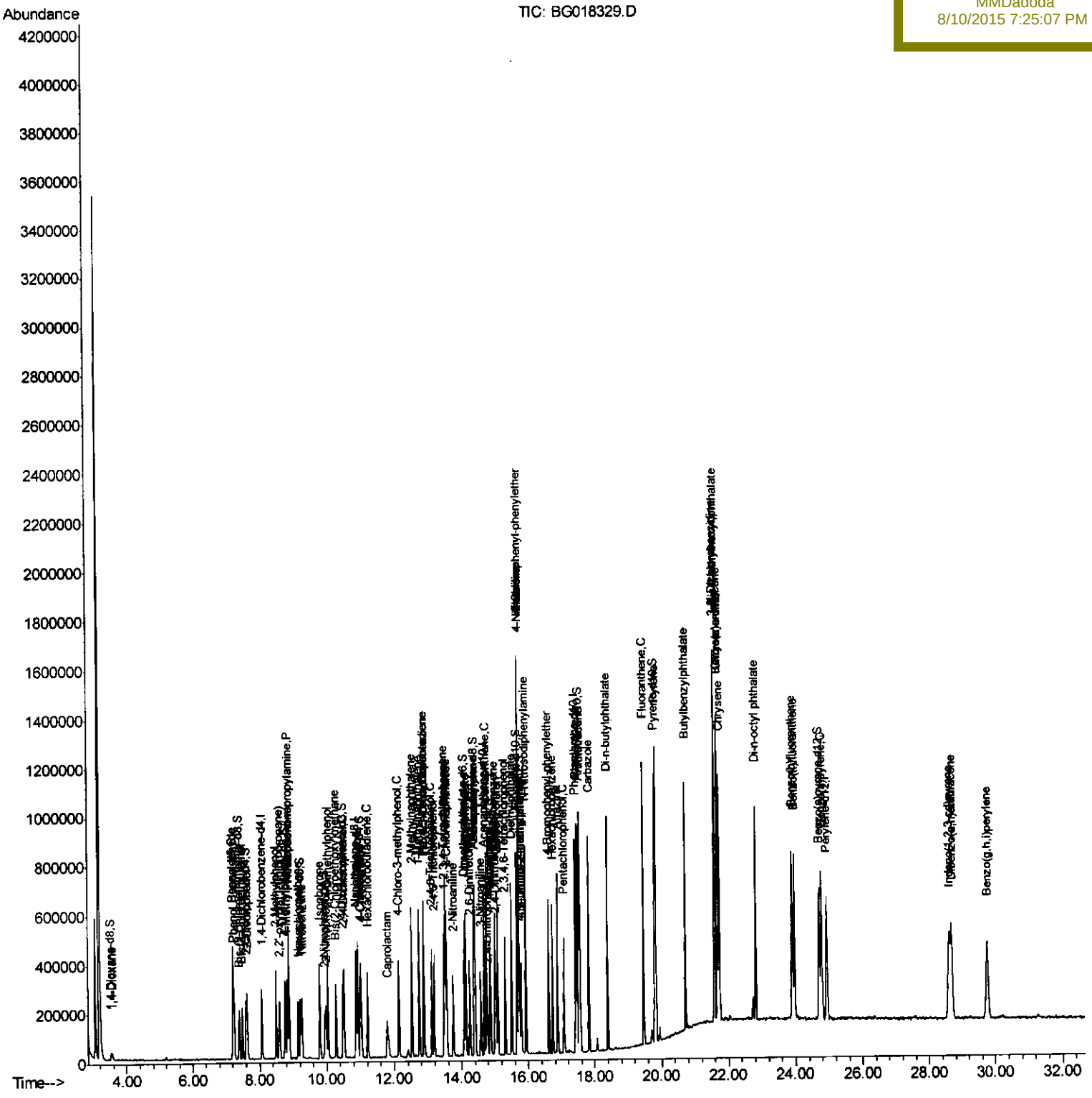

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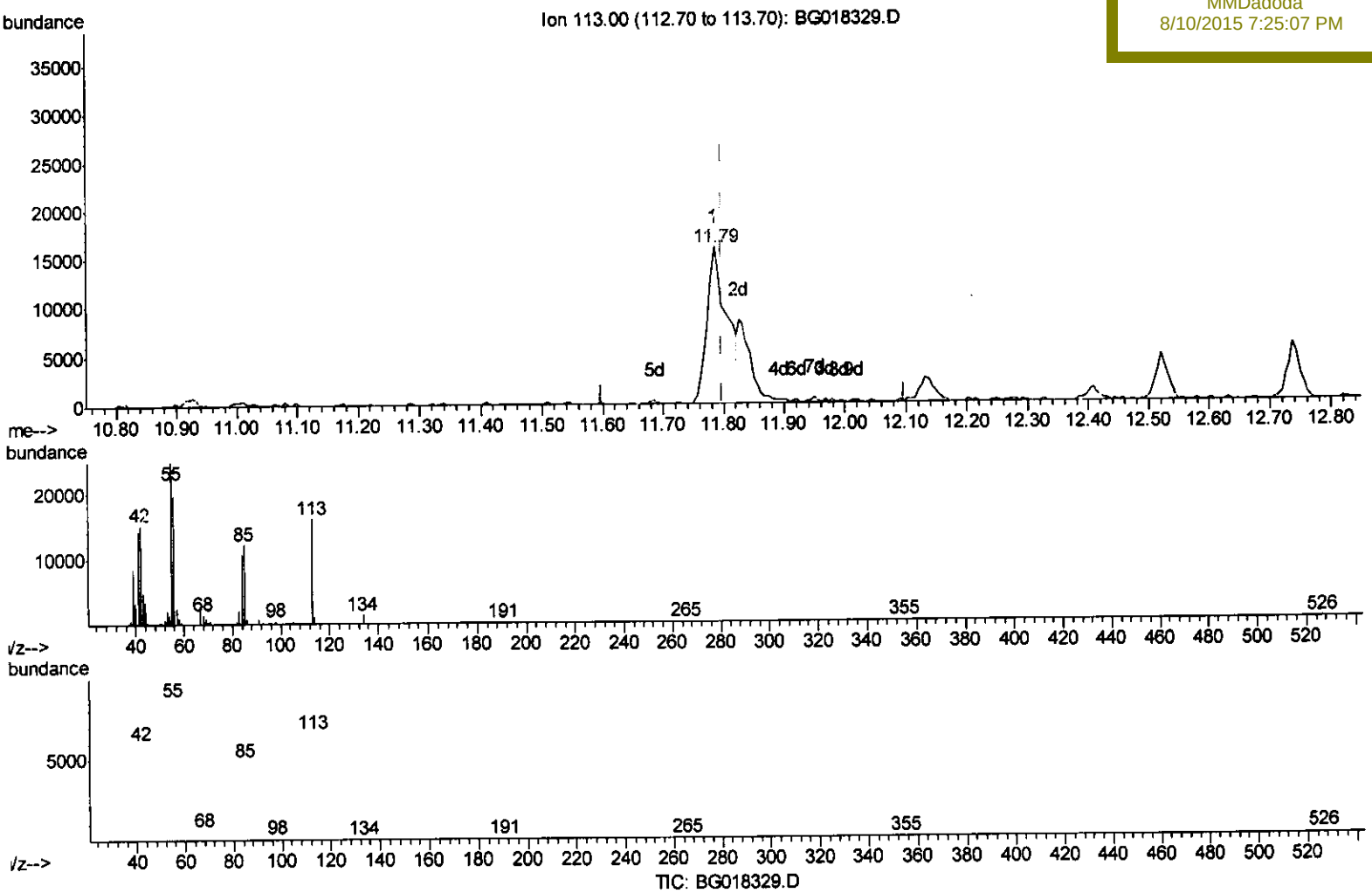

TIC: BG018329.D

(32) Caprolactam

11.785min (-0.012) 16.36ng/ul

response 35323

Ion	Exp%	Act%
113.00	100	100
55.00	182.60	155.25
56.00	120.10	122.80
0.00	0.00	0.00

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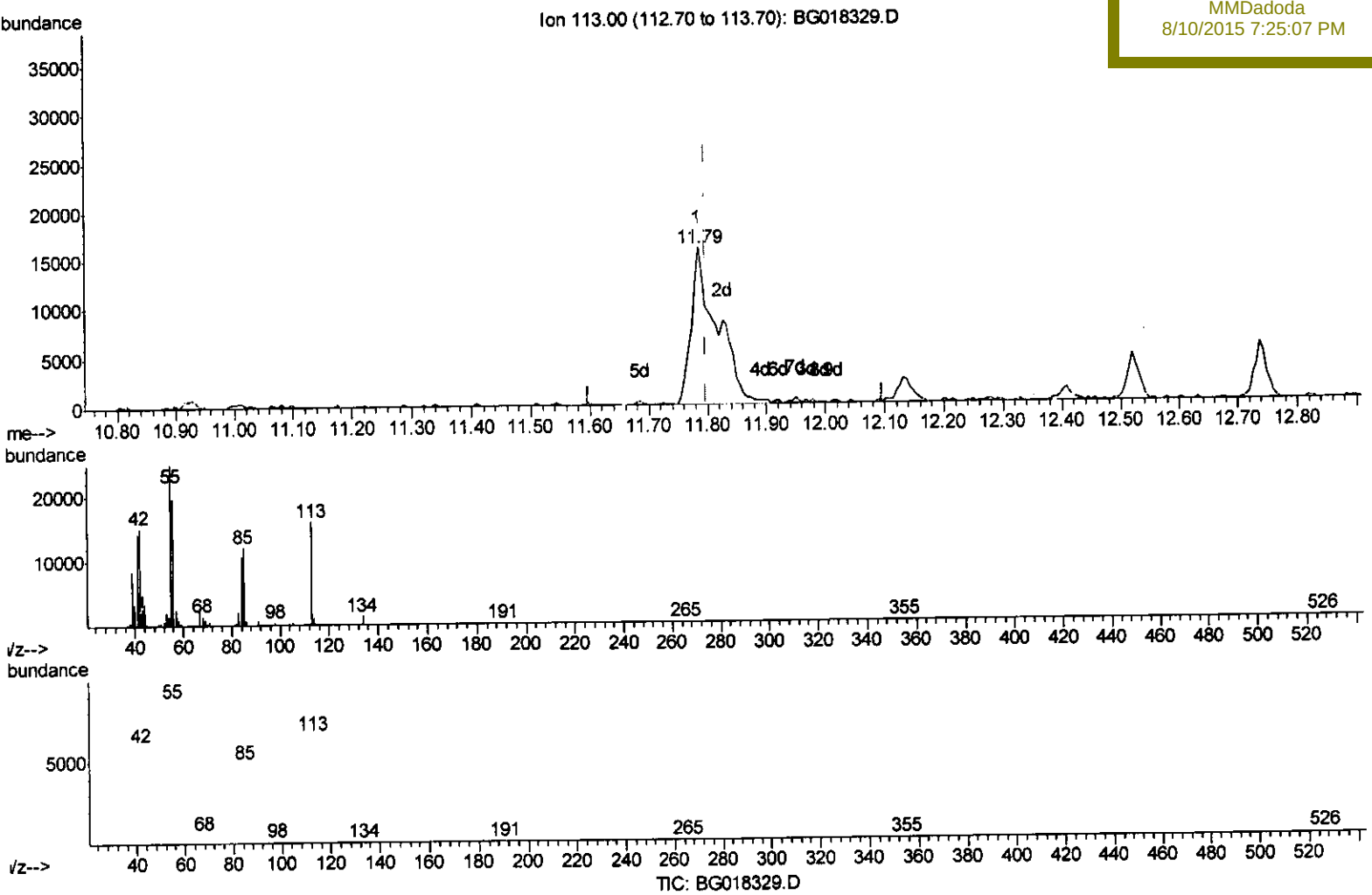

(32) Caprolactam
11.785min (-0.012) 22.30ng/ul m
response 48139

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Ion	Exp%	Act%
113.00	100	100
55.00	182.60	155.25
56.00	120.10	122.80
0.00	0.00	0.00

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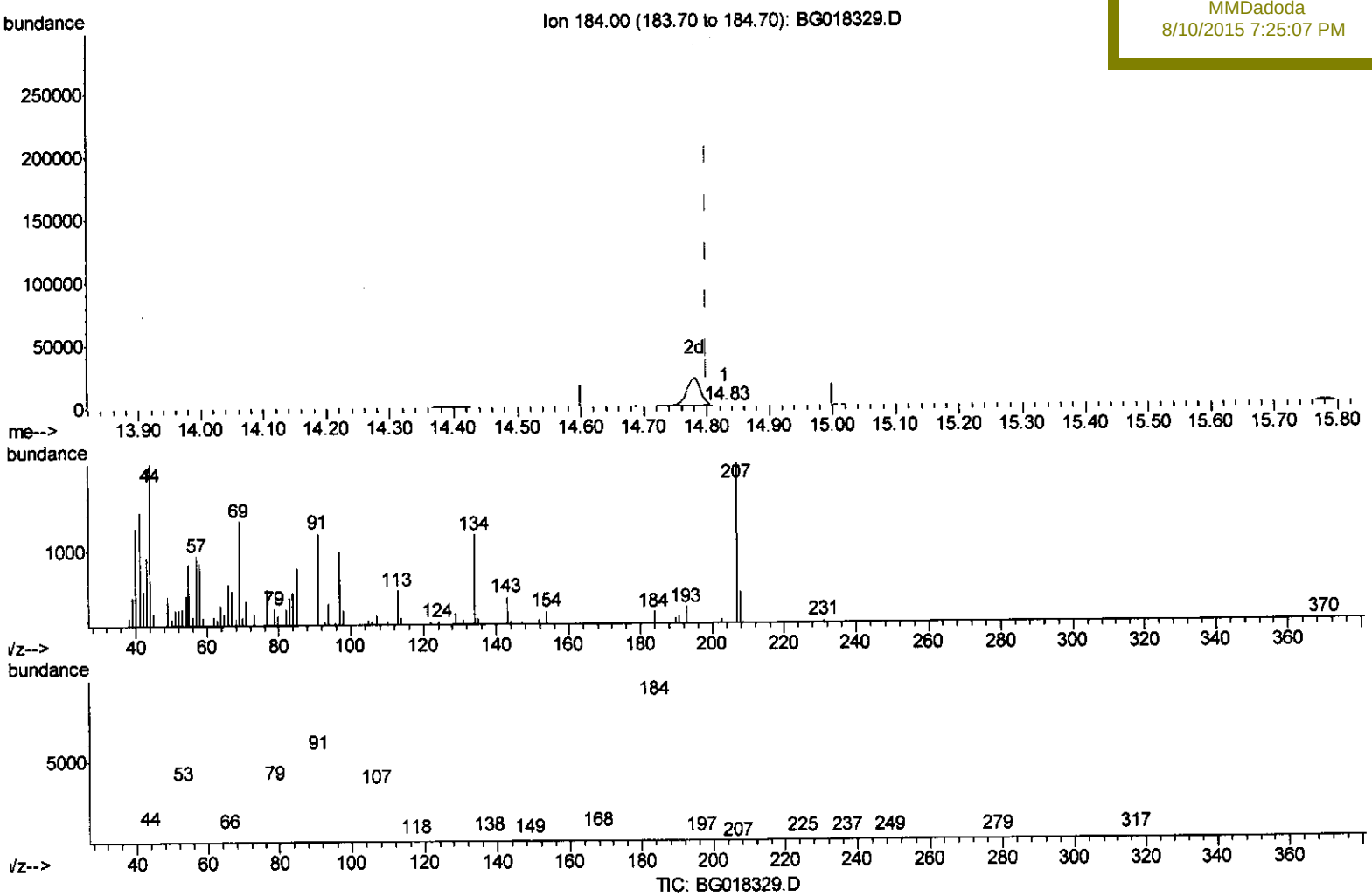

(51) 2,4-Dinitrophenol

14.829min (+0.029) 0.16ng/ul

response 271

Ion	Exp%	Act%
184.00	100	100
63.00	82.80	77.11
154.00	110.70	102.46
0.00	0.00	0.00

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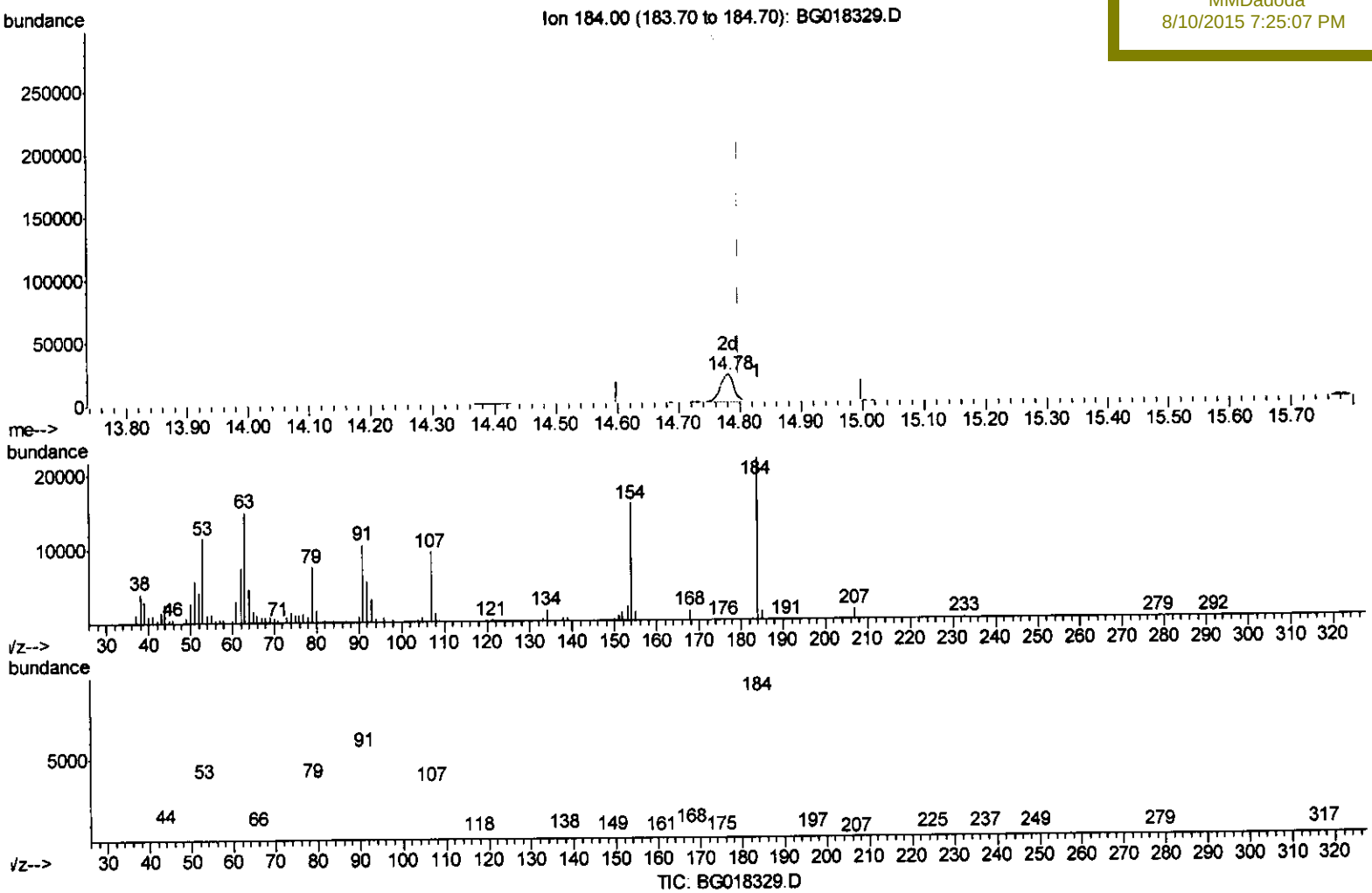

TIC: BG018329.D

(51) 2,4-Dinitrophenol
14.782min (-0.018) 18.90ng/ul m
response 32945

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Ion	Exp%	Act%
184.00	100	100
63.00	82.80	69.06
154.00	110.70	72.73#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	81535	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.87	136	359635	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	216240	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.43	188	528161	20.00	ng/ul	-0.01
78) Chrysene-d12	21.69	240	501138	20.00	ng/ul	-0.02
86) Perylene-d12	24.93	264	503496	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	15194	8.23	ng/uL	0.00
5) Phenol-d5	7.22	99	151580	20.48	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	94294	20.56	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.60	132	113616	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	127415	20.49	ng/ul	-0.02
19) Nitrobenzene-d5	9.22	128	57704	20.58	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.95	143	60725	21.27	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.48	165	123876	20.44	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.00	131	168228	24.57	ng/ul	-0.01
44) Dimethylphthalate-d6	14.09	166	377375	20.74	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	486311	21.23	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.86	143	66194	20.23	ng/ul	-0.02
58) Fluorene-d10	15.67	176	330697	20.87	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	51675	19.89	ng/ul	-0.02
71) Anthracene-d10	17.53	188	521574	20.65	ng/ul	-0.01
79) Pyrene-d10	19.81	212	550736	21.18	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.71	264	553602	20.71	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	15948	8.07	ng/uL	94
4) Benzaldehyde	7.21	77	101268	23.33	ng/ul	95
6) Phenol	7.24	94	154895	20.52	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.48	93	122233	21.05	ng/ul	98
10) 2-Chlorophenol	7.63	128	119708	20.72	ng/ul	94
11) 2-Methylphenol	8.50	108	122089	20.86	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.61	45	195688	20.99	ng/ul	98
14) Acetophenone	8.89	105	191971	21.38	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.88	70	105829	20.53	ng/ul	97
16) 4-Methylphenol	8.83	108	129382	20.26	ng/ul	91
17) Hexachloroethane	9.15	117	50060	20.11	ng/ul	96
20) Nitrobenzene	9.26	77	147721	20.88	ng/ul	97
21) Isophorone	9.80	82	283672	20.85	ng/ul	98
23) 2-Nitrophenol	9.98	139	66038	20.83	ng/ul	97
24) 2,4-Dimethylphenol	10.03	107	144304	20.31	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	178171	21.01	ng/ul	94
27) 2,4-Dichlorophenol	10.51	162	118049	20.79	ng/ul	97
28) Naphthalene	10.92	128	401124	21.10	ng/ul	98
30) 4-Chloroaniline	11.03	127	171718	24.65	ng/ul	97
31) Hexachlorobutadiene	11.22	225	74237	20.71	ng/ul	92
32) Caprolactam	11.79	113	48139m	22.30	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	134859	20.50	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	288909	20.99	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	285409	21.23	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	144299	20.81	ng/ul	97
38) Hexachlorocyclopentadiene	12.87	237	88165	21.36	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.12	196	99755	21.12	ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	106740	21.02	ng/ul	100
41) 1,1'-Biphenyl	13.52	154	380987	21.11	ng/ul	98
42) 2-Chloronaphthalene	13.57	162	292697	20.88	ng/ul	95
43) 2-Nitroaniline	13.75	65	93486	20.66	ng/ul	92
45) Dimethylphthalate	14.14	163	376291	20.97	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	75479	21.12	ng/ul	97
48) Acenaphthylene	14.41	152	487456	21.21	ng/ul	99
49) 3-Nitroaniline	14.58	138	80961	22.21	ng/ul	98
50) Acenaphthene	14.75	153	336896	20.90	ng/ul	99
51) 2,4-Dinitrophenol	14.78	184	32945m	18.90	ng/ul	
53) 4-Nitrophenol	14.88	109	60298	21.19	ng/ul	93
54) Dibenzofuran	15.08	168	448026	21.27	ng/ul	97
55) 2,4-Dinitrotoluene	15.03	165	107009	20.98	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.30	232	94026	21.25	ng/ul#	96
57) Diethylphthalate	15.50	149	393000	20.61	ng/ul	96
59) Fluorene	15.73	166	373610	20.62	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	182026	21.23	ng/ul	98
61) 4-Nitroaniline	15.74	138	84266	20.93	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.80	198	53999	19.49	ng/ul	95
65) N-Nitrosodiphenylamine	15.93	169	321277	20.22	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	115595	20.24	ng/ul	100
67) Hexachlorobenzene	16.73	284	122276	20.24	ng/ul	99
68) Atrazine	16.88	200	127988	21.52	ng/ul	98
69) Pentachlorophenol	17.07	266	81492	20.14	ng/ul	93
70) Phenanthrene	17.47	178	579615	20.23	ng/ul	97
72) Anthracene	17.56	178	599154	20.52	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	149614	20.47	ng/uL	98
74) Pentachlorobenzene	15.01	250	140128	20.08	ng/uL	84
75) Carbazole	17.83	167	562980	21.99	ng/ul	99
76) Di-n-butylphthalate	18.40	149	691460	20.67	ng/ul	99
77) Fluoranthene	19.47	202	697483	22.79	ng/ul	98
80) Pyrene	19.83	202	718750	21.21	ng/ul	99
81) Butylbenzylphthalate	20.73	149	297487	20.75	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.59	252	238925	22.96	ng/ul	99
83) Benzo(a)anthracene	21.67	228	650074	20.92	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	422738	20.87	ng/ul	99
85) Chrysene	21.74	228	603929	20.79	ng/ul	96
87) Di-n-octyl phthalate	22.83	149	739575	22.77	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	655499	20.72	ng/ul	100
89) Benzo(k)fluoranthene	23.97	252	625279	20.53	ng/ul	97
91) Benzo(a)pyrene	24.78	252	628696	20.90	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.61	276	715278	20.55	ng/ul	100
93) Dibenzo(a,h)anthracene	28.69	278	589429	20.39	ng/ul	97
94) Benzo(g,h,i)perylene	29.76	276	595580	20.38	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed