Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020673.D
Acq On : 12 Jan 2016 10:13
Operator : SJ/IZ
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 12 13:00:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:43:35 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01016

Manual Integrations APPROVED
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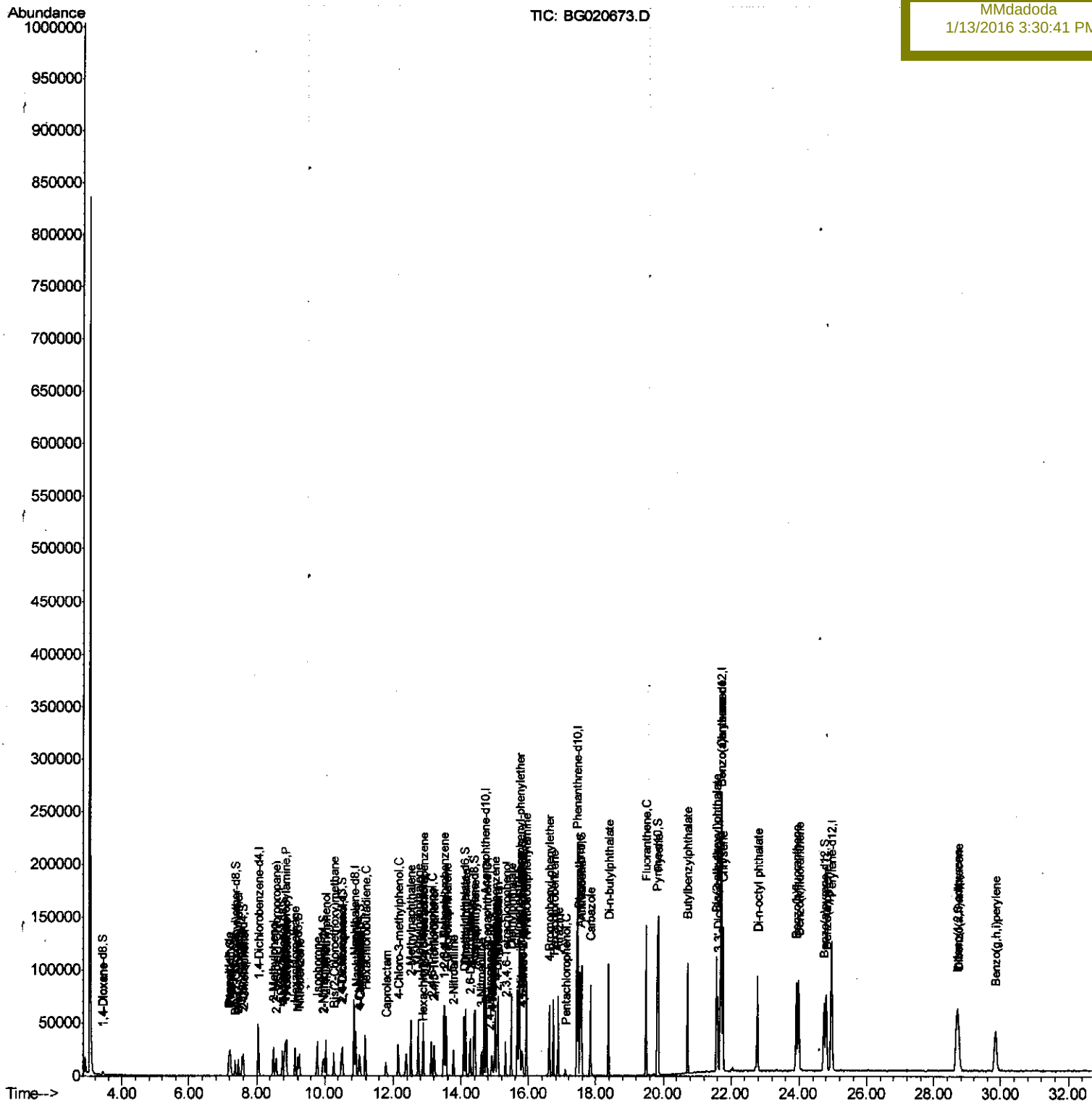

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Data File : BG020673.D
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Quant Time: Jan 12 12:56:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:43:35 2016
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Instrument :
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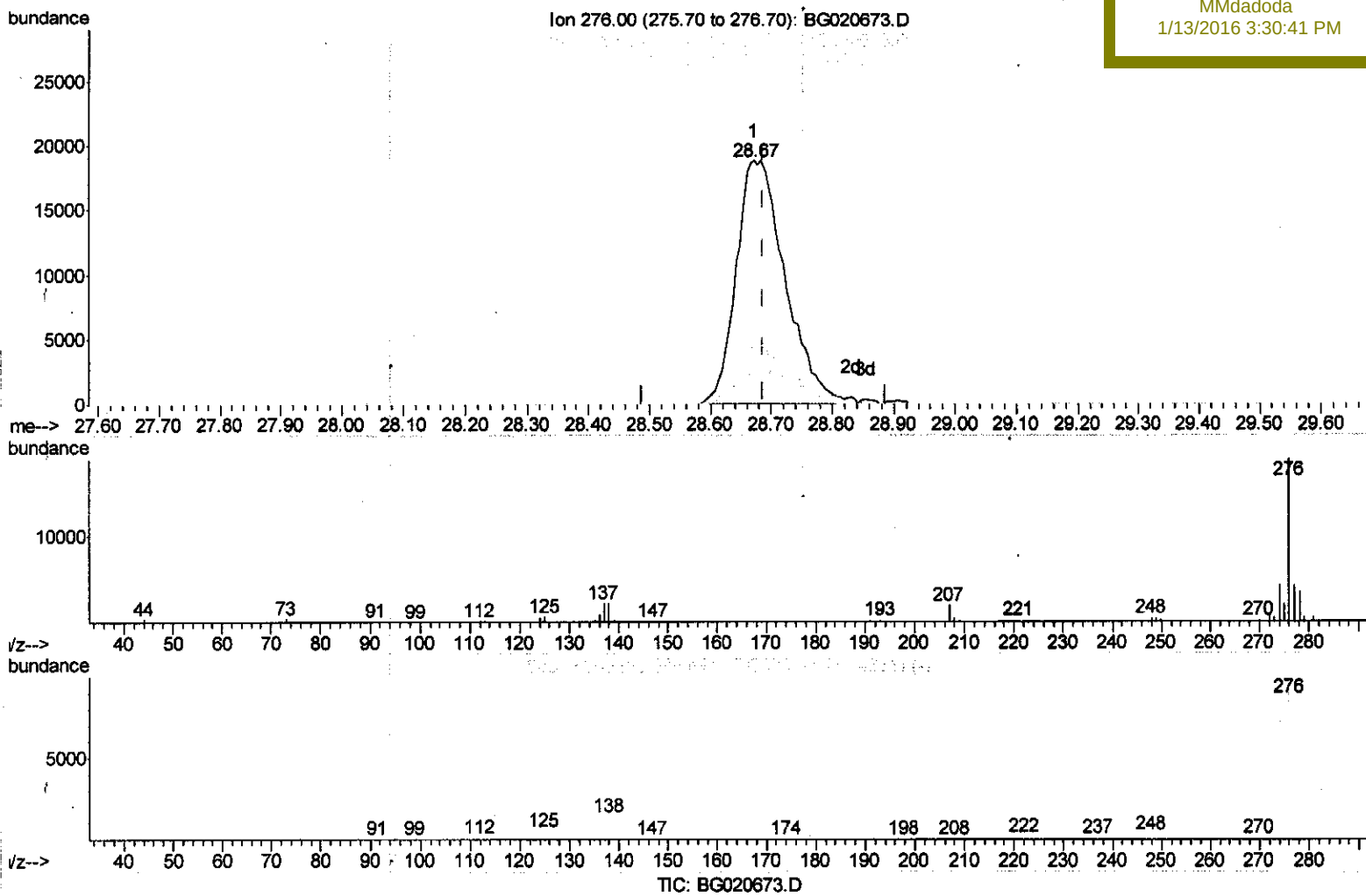

(92) Indeno(1,2,3-cd)pyrene

28.672min (-0.015) 11.95ng/ul m

response 104574

S. J 01/13/16

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	12.20
277.00	23.60	23.26
0.00	0.00	0.00

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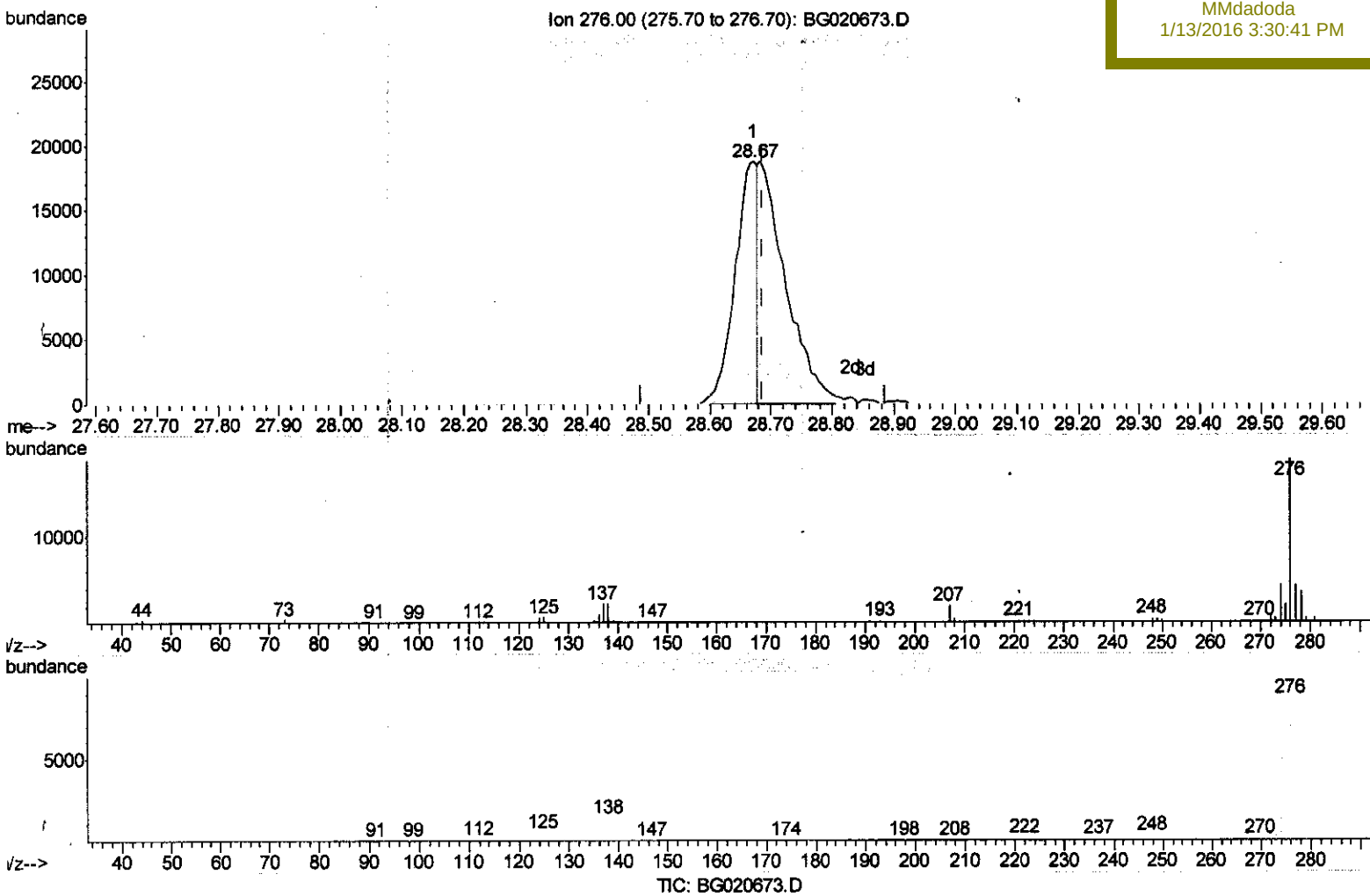

(92) Indeno(1,2,3-cd)pyrene

28.672min (-0.015) 5.49ng/ul

response 48065

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	12.20
277.00	23.60	23.26
0.00	0.00	0.00

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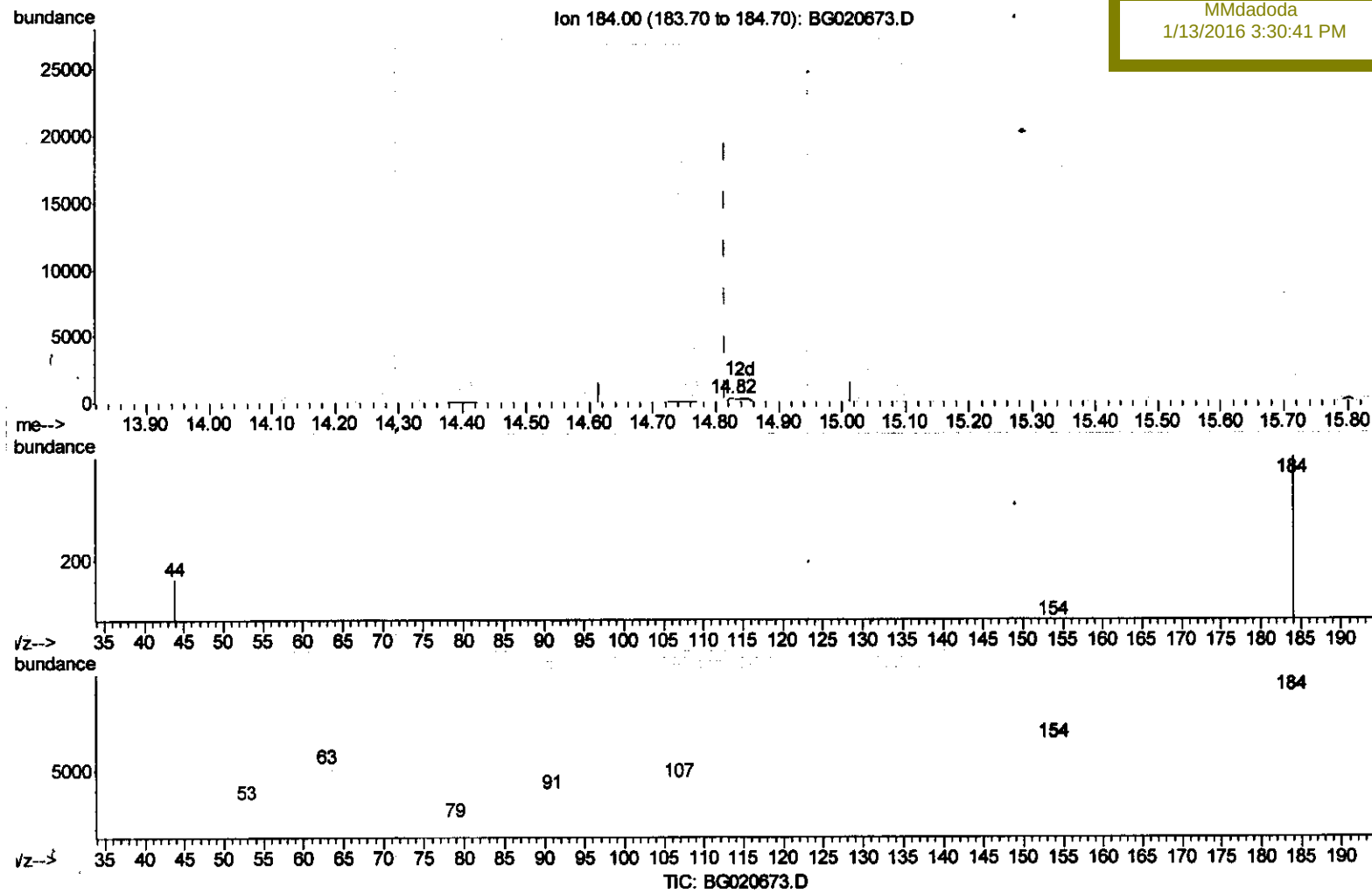

(51) 2,4-Dinitrophenol

14.823min (+0.008) 3.41ng/ul m

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response 400

Ion	Exp%	Act%
184.00	100	100
63.00	49.60	0.00#
154.00	56.30	68.40#
0.00	0.00	0.00

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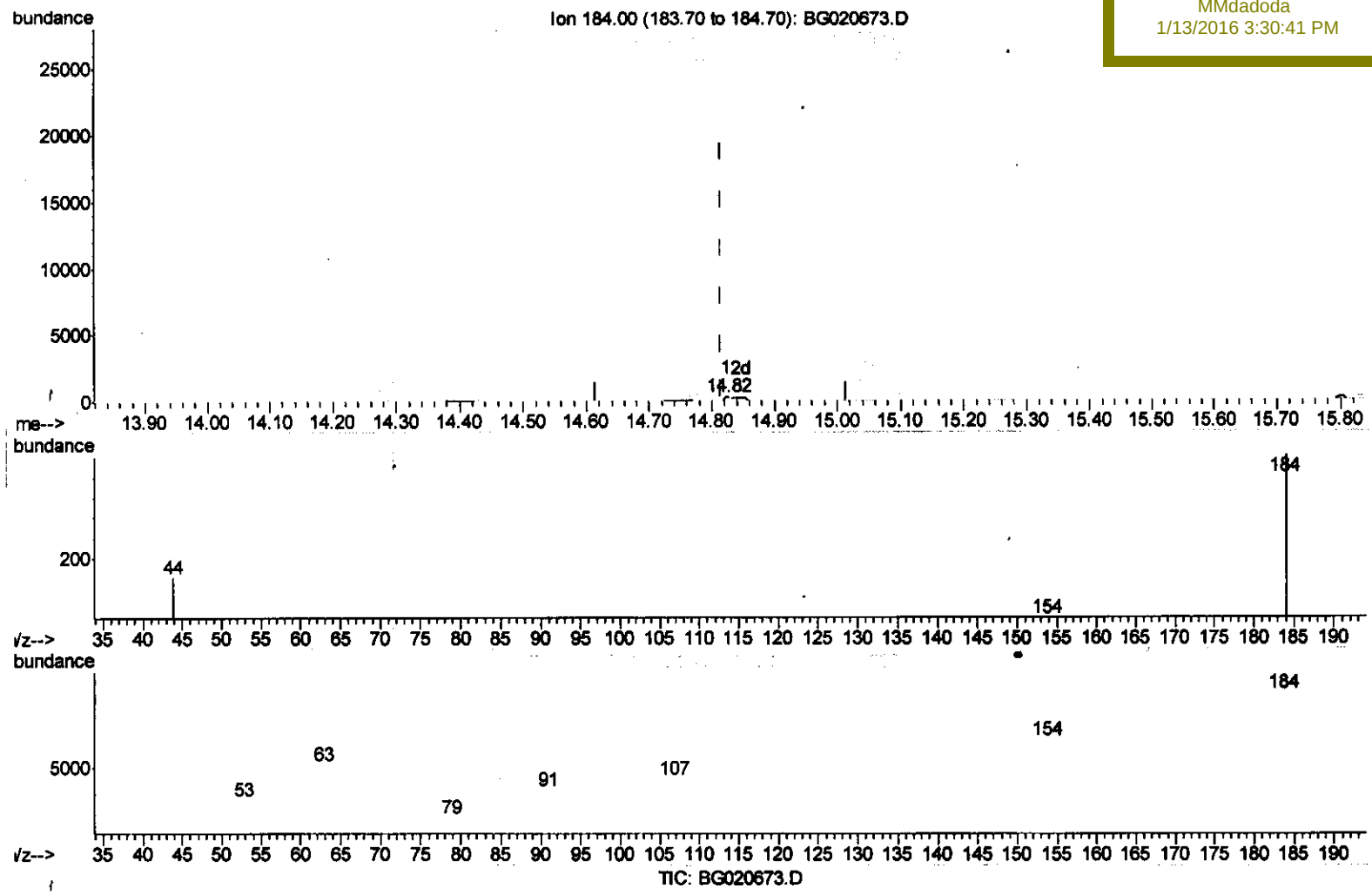

(51) 2,4-Dinitrophenol

14.823min (+0.008) 2.35ng/ul

response 275

Ion	Exp%	Act%
184.00	100	100
63.00	49.60	0.00#
154.00	56.30	68.40#
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)
35) 1-Methylnaphthalene	12.73	142	25606	9.88	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	18428	9.81	ng/ul	97
38) Hexachlorocyclopentadiene	12.86	237	1008	4.34	ng/ul#	77
39) 2,4,6-Trichlorophenol	13.13	196	9956	9.56	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	10927	9.65	ng/ul	96
41) 1,1'-Biphenyl	13.51	154	36848	9.94	ng/ul	96
42) 2-Chloronaphthalene	13.56	162	29995	9.91	ng/ul	97
43) 2-Nitroaniline	13.77	65	8134	9.17	ng/ul	97
45) Dimethylphthalate	14.13	163	44369	10.10	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	8435	9.77	ng/ul	97
48) Acenaphthylene	14.41	152	48186	9.92	ng/ul	98
49) 3-Nitroaniline	14.59	138	7134	9.27	ng/ul	94
50) Acenaphthene	14.75	153	33396	10.00	ng/ul	97
51) 2,4-Dinitrophenol	14.82	184	400m	3.41	ng/ul	
53) 4-Nitrophenol	14.92	109	3679	7.81	ng/ul	91
54) Dibenzofuran	15.08	168	50888	10.08	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	12630	9.59	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.31	232	9165	8.99	ng/ul	97
57) Diethylphthalate	15.49	149	44532	9.99	ng/ul	97
59) Fluorene	15.73	166	41322	10.08	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.72	204	24180	10.16	ng/ul	98
61) 4-Nitroaniline	15.76	138	7177	8.18	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	4930	7.54	ng/ul#	99
65) N-Nitrosodiphenylamine	15.93	169	36309	9.90	ng/ul	98
66) 4-Bromophenyl-phenylether	16.61	248	15819	10.06	ng/ul	98
67) Hexachlorobenzene	16.73	284	17501	10.01	ng/ul	97
68) Atrazine	16.87	200	16170	9.84	ng/ul	97
69) Pentachlorophenol	17.10	266	2398	6.36	ng/ul#	86
70) Phenanthrene	17.47	178	76198	10.16	ng/ul	99
72) Anthracene	17.57	178	76051	10.03	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	17980	10.03	ng/uL	92
74) Pentachlorobenzene	15.01	250	18799	10.05	ng/uL	95
75) Carbazole	17.84	167	64557	10.05	ng/ul	100
76) Di-n-butylphthalate	18.38	149	76809	9.95	ng/ul	99
77) Fluoranthene	19.48	202	97992	10.18	ng/ul	99
80) Pyrene	19.85	202	102851	10.16	ng/ul	99
81) Butylbenzylphthalate	20.72	149	32039	9.54	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	31278	9.79	ng/ul	99
83) Benzo(a)anthracene	21.69	228	98638	9.99	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	48192	9.71	ng/ul	99
85) Chrysene	21.75	228	92834	10.02	ng/ul	99
87) Di-n-octyl phthalate	22.78	149	81310	9.74	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	89801	9.77	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	94781	10.17	ng/ul	99
91) Benzo(a)pyrene	24.80	252	90524	9.99	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	104574m	11.95	ng/ul	
93) Dibenzo(a,h)anthracene	28.73	278	85354	9.73	ng/ul	98
94) Benzo(g,h,i)perylene	29.85	276	85966	9.81	ng/ul	98

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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	8.05	152	14825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	63580	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	45782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	123966	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	154878	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	143487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	1262	10.01	ng/uL	0.00
5) Phenol-d5	7.20	99	12296	9.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	7645	9.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	10150	9.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	10241	9.58	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	5085	9.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	5777	9.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	11015	9.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	9826	9.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	40185	9.86	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	45878	10.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	3771	7.50	ng/ul	0.00
58) Fluorene-d10	15.68	176	36104	9.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	4719	7.86	ng/ul	0.00
71) Anthracene-d10	17.53	188	62776	10.15	ng/ul	0.00
79) Pyrene-d10	19.82	212	74966	9.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	76095	9.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	1475	9.67	ng/uL#	86
4) Benzaldehyde	7.18	77	8876	9.91	ng/ul	95
6) Phenol	7.24	94	13138	9.62	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.46	93	10262	9.96	ng/ul	98
10) 2-Chlorophenol	7.61	128	10274	9.55	ng/ul	95
11) 2-Methylphenol	8.49	108	10119	9.64	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.58	45	13305	9.93	ng/ul#	95
14) Acetophenone	8.87	105	17650	9.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	9242	9.98	ng/ul	93
16) 4-Methylphenol	8.82	108	11086	9.45	ng/ul	89
17) Hexachloroethane	9.13	117	4567	9.95	ng/ul#	82
20) Nitrobenzene	9.26	77	12889	9.58	ng/ul	92
21) Isophorone	9.78	82	25875	9.91	ng/ul	98
23) 2-Nitrophenol	9.98	139	6381	9.63	ng/ul	90
24) 2,4-Dimethylphenol	10.03	107	13238	9.48	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	14418	9.88	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	11701	9.65	ng/ul#	92
28) Naphthalene	10.91	128	37417	10.17	ng/ul	98
30) 4-Chloroaniline	11.03	127	10451	8.80	ng/ul	100
31) Hexachlorobutadiene	11.19	225	10550	10.33	ng/ul	94
32) Caprolactam	11.79	113	3866	14.12	ng/ul	96
33) 4-Chloro-3-methylphenol	12.15	107	13030	9.77	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	27297	10.00	ng/ul	96

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

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