

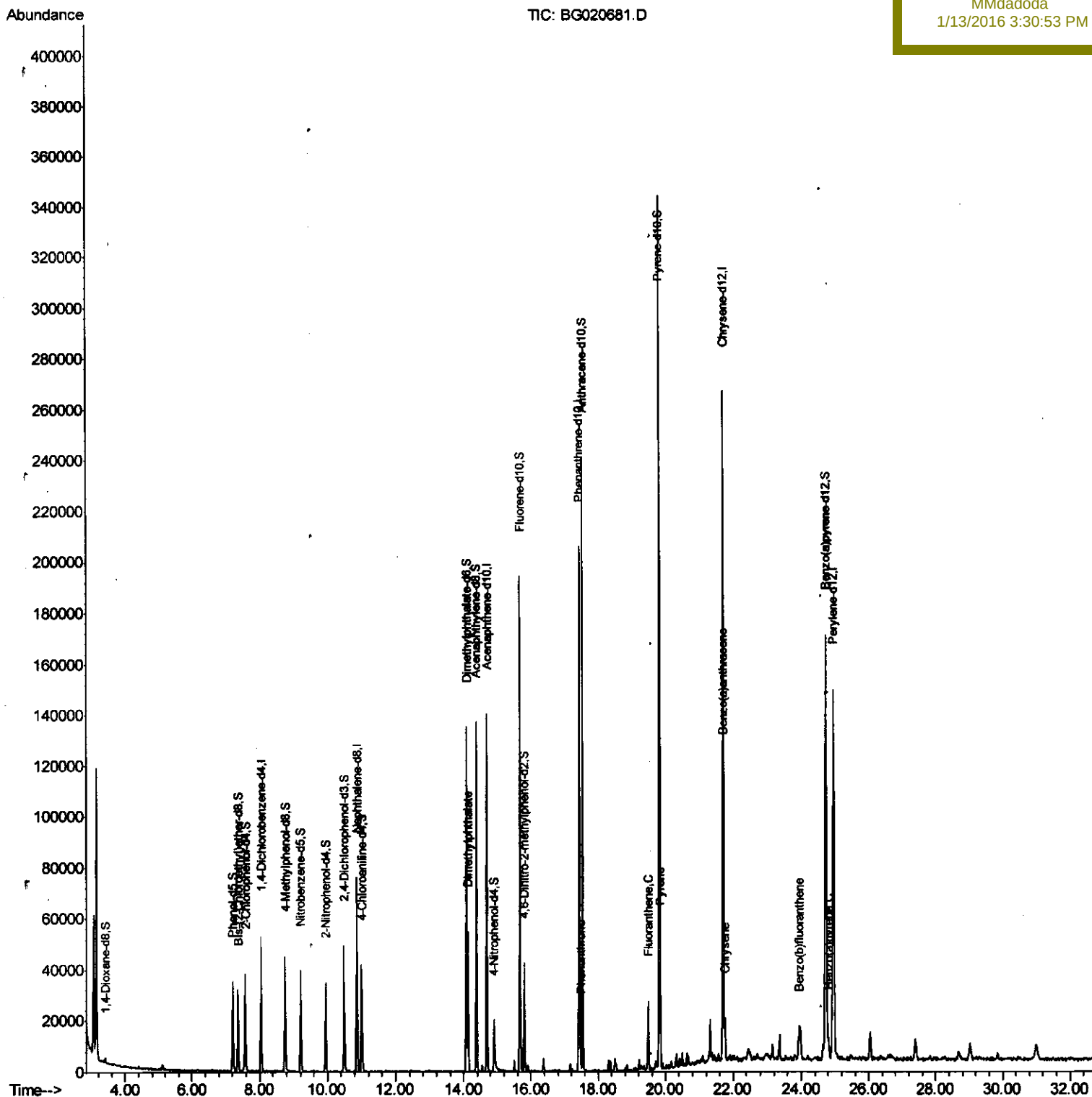
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020681.D
Acq On : 12 Jan 2016 17:11
Operator : SJ/IZ
Sample : H1094-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 13 03:12:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 02:39:33 2016
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
BC953

Manual Integrations
APPROVED

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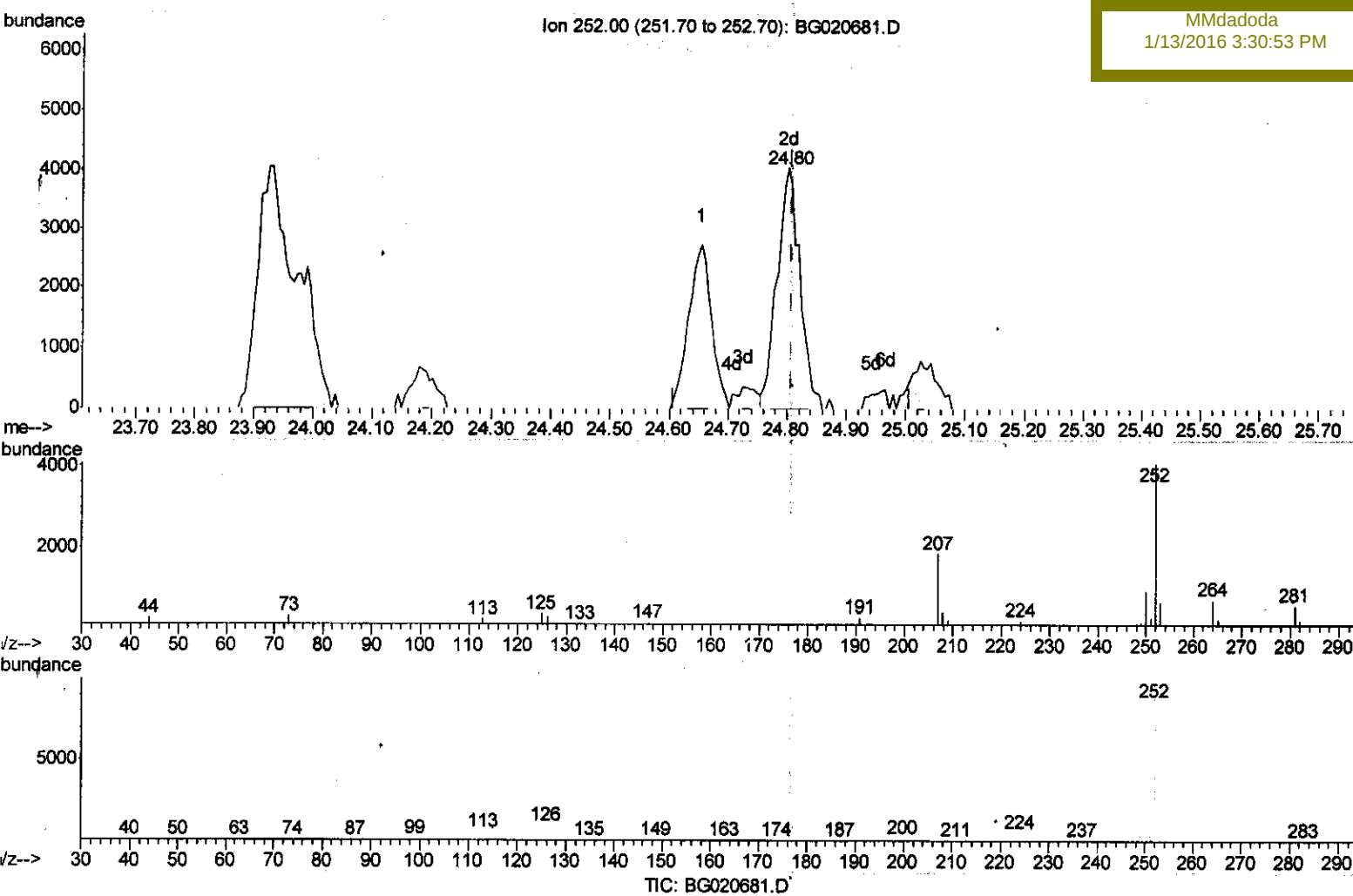


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Quant Time: Jan 13 03:06:40 2016
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(91) Benzo(a)pyrene (C)
 24.802min (-0.006) 1.08ng/ul m

response 10785

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	16.71#
125.00	7.20	10.16#
0.00	0.00	0.00

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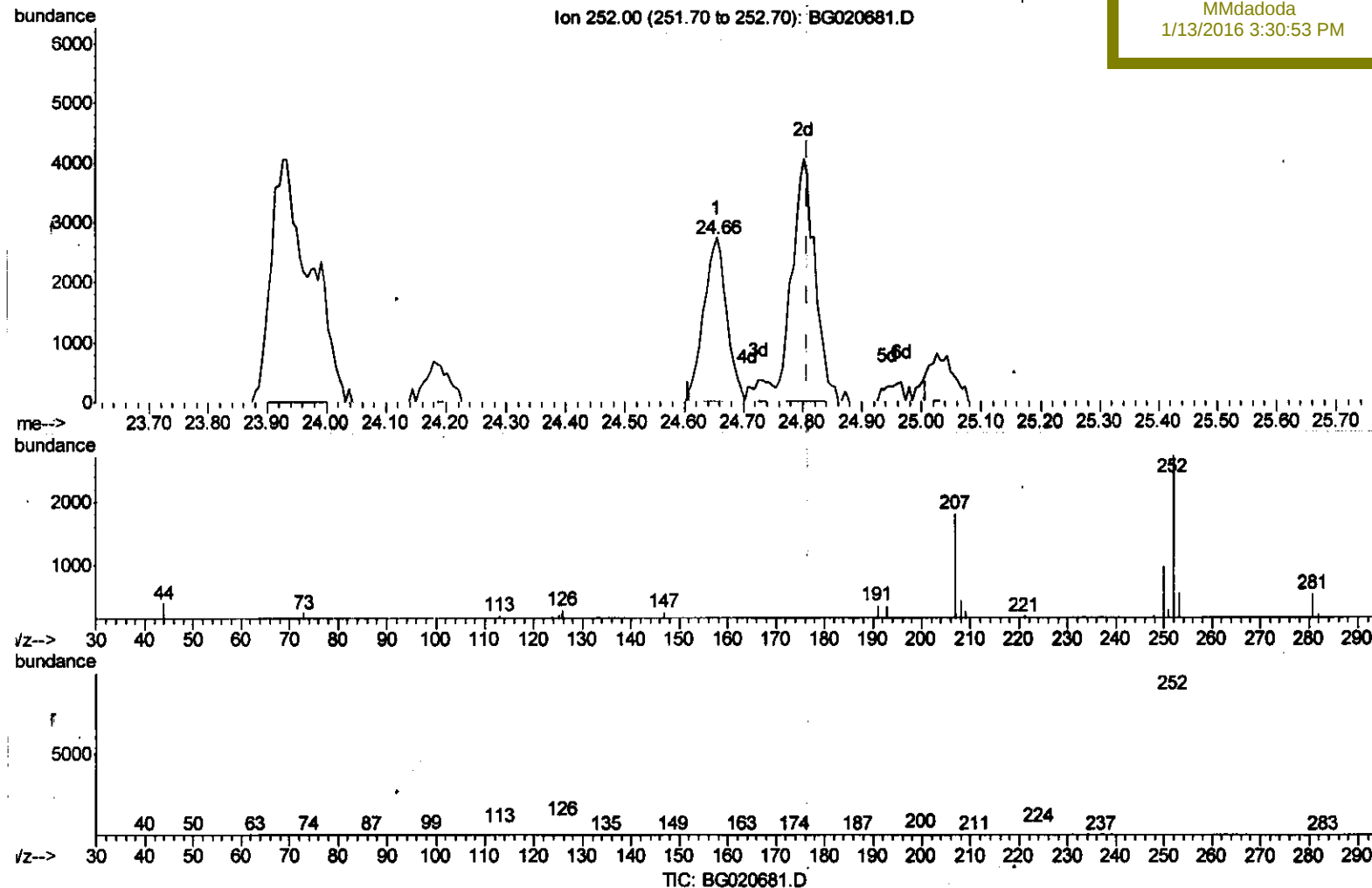
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Ion 252.00 (251.70 to 252.70): BG020681.D



(91) Benzo(a)pyrene (C)

24.655min (-0.153) 0.73ng/ul

response 7258

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	19.71
125.00	7.20	7.54
0.00	0.00	0.00

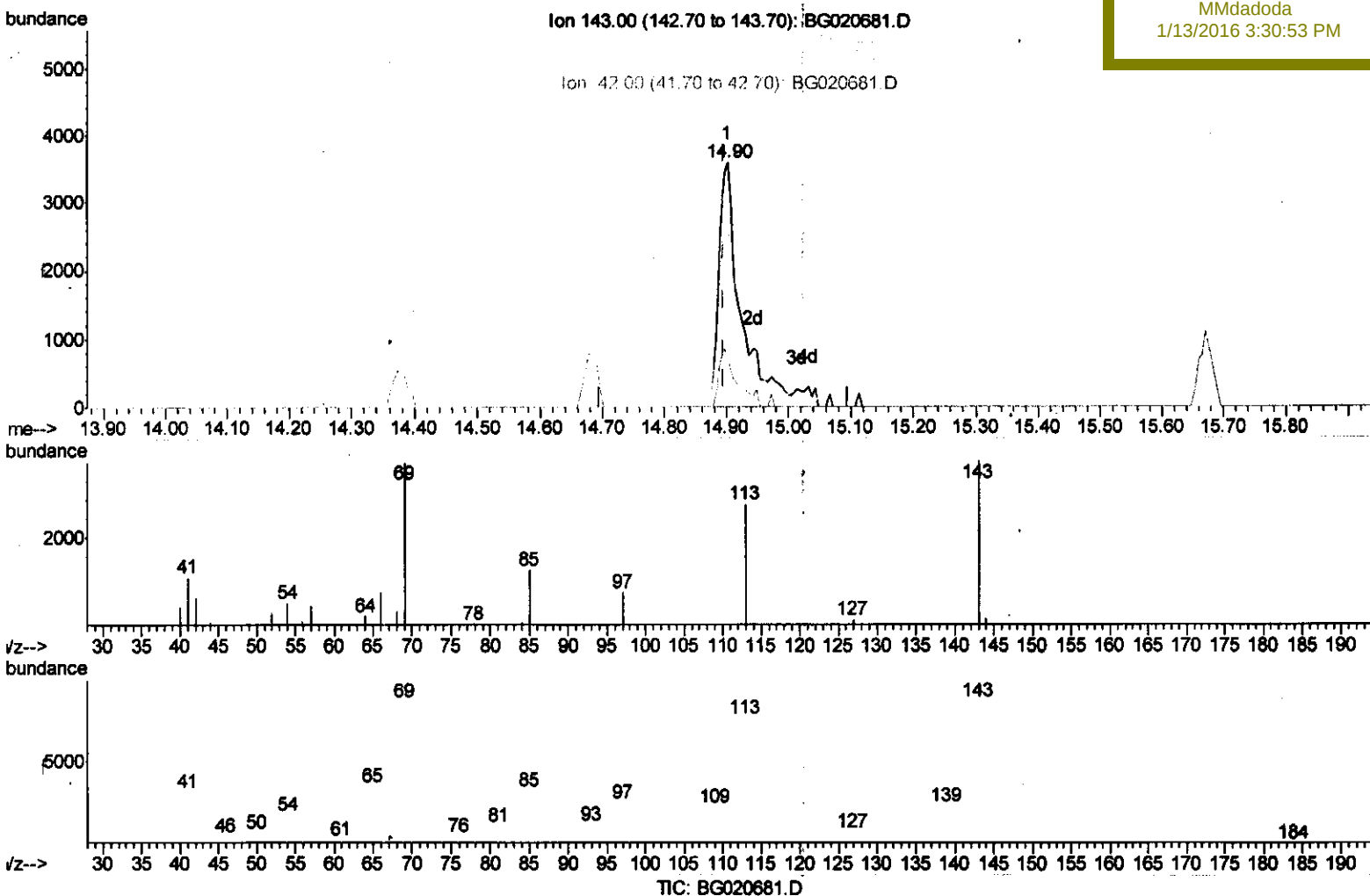
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(52) 4-Nitrophenol-d4 (S)

14.902min (+0.006) 15.87ng/ul m

response 9365

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	74.74
41.00	32.60	32.02
42.00	22.30	20.44

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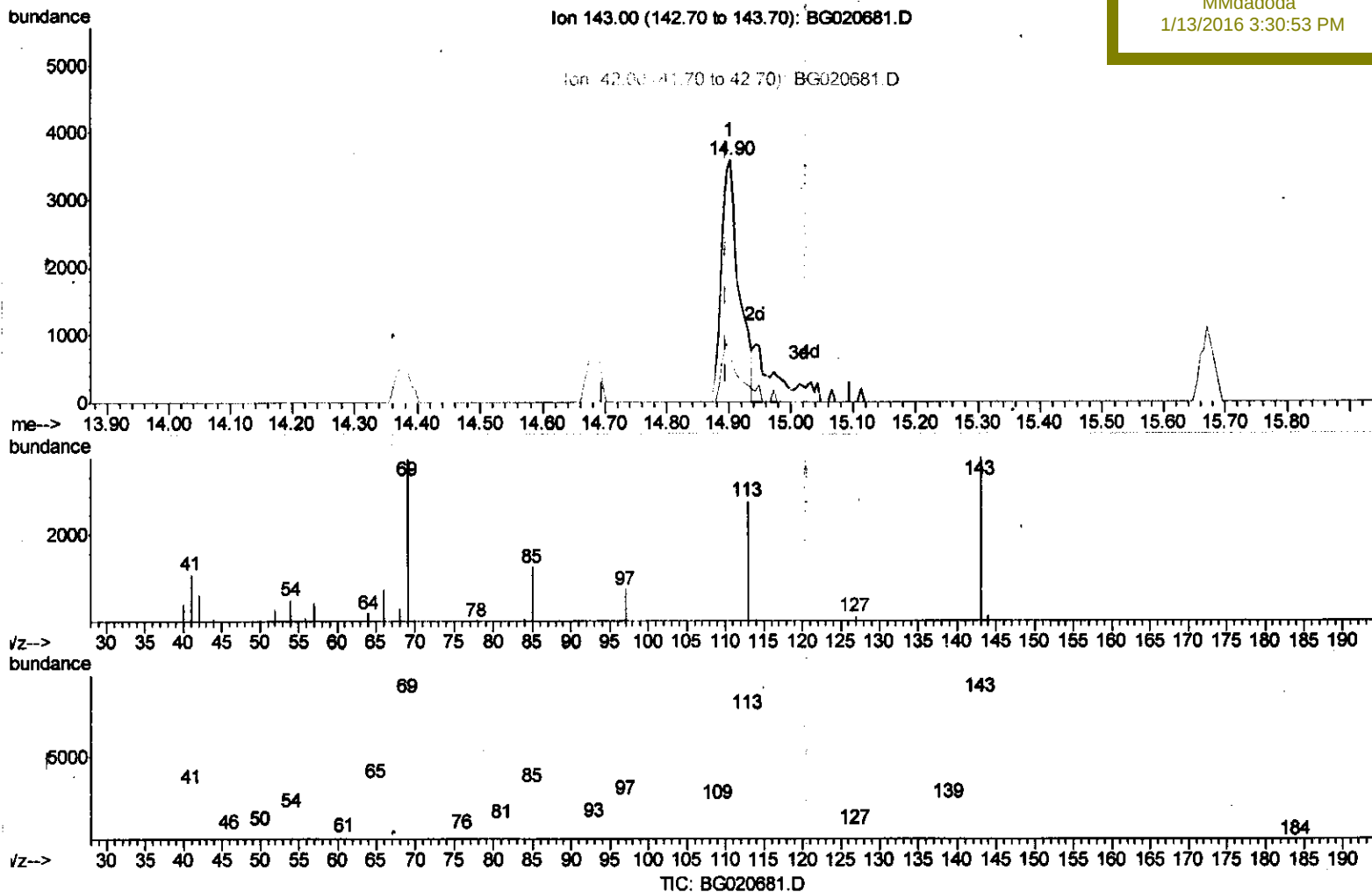
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 BC953

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.902min (+0.006) 12.13ng/ul

response 7158

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	74.74
41.00	32.60	32.02
42.00	22.30	20.44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	69059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	136660	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	169148	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	161201	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	1096	3.39	ng/uL	0.00
5) Phenol-d5	7.21	99	23578	17.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16560	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	20594	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	20072	17.56	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10816	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12674	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22561	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	26380	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	98286	22.36	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	104244	21.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9365m	15.87	ng/ul	0.00
58) Fluorene-d10	15.67	176	87550	22.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12637	17.00	ng/ul	0.00
71) Anthracene-d10	17.53	188	150599	22.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	186690	23.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	195424	22.74	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	38753	8.21	ng/ul	99
70) Phenanthrene	17.47	178	8550	1.05	ng/ul	95
77) Fluoranthene	19.48	202	20245	2.05	ng/ul	100
80) Pyrene	19.84	202	24970	2.33	ng/ul	97
83) Benzo(a)anthracene	21.68	228	12668	1.20	ng/ul	98
85) Chrysene	21.75	228	12762	1.28	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	13377	1.29	ng/ul#	99
91) Benzo(a)pyrene	24.80	252	10785m	1.08	ng/ul	

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 01/13/16

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