Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073015\
Data File : BM002140.D
Acq On : 30 Jul 2015 17:19
Operator : TP/UM
Sample : G3048-10RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 31 03:07:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 31 01:27:14 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01X4RE

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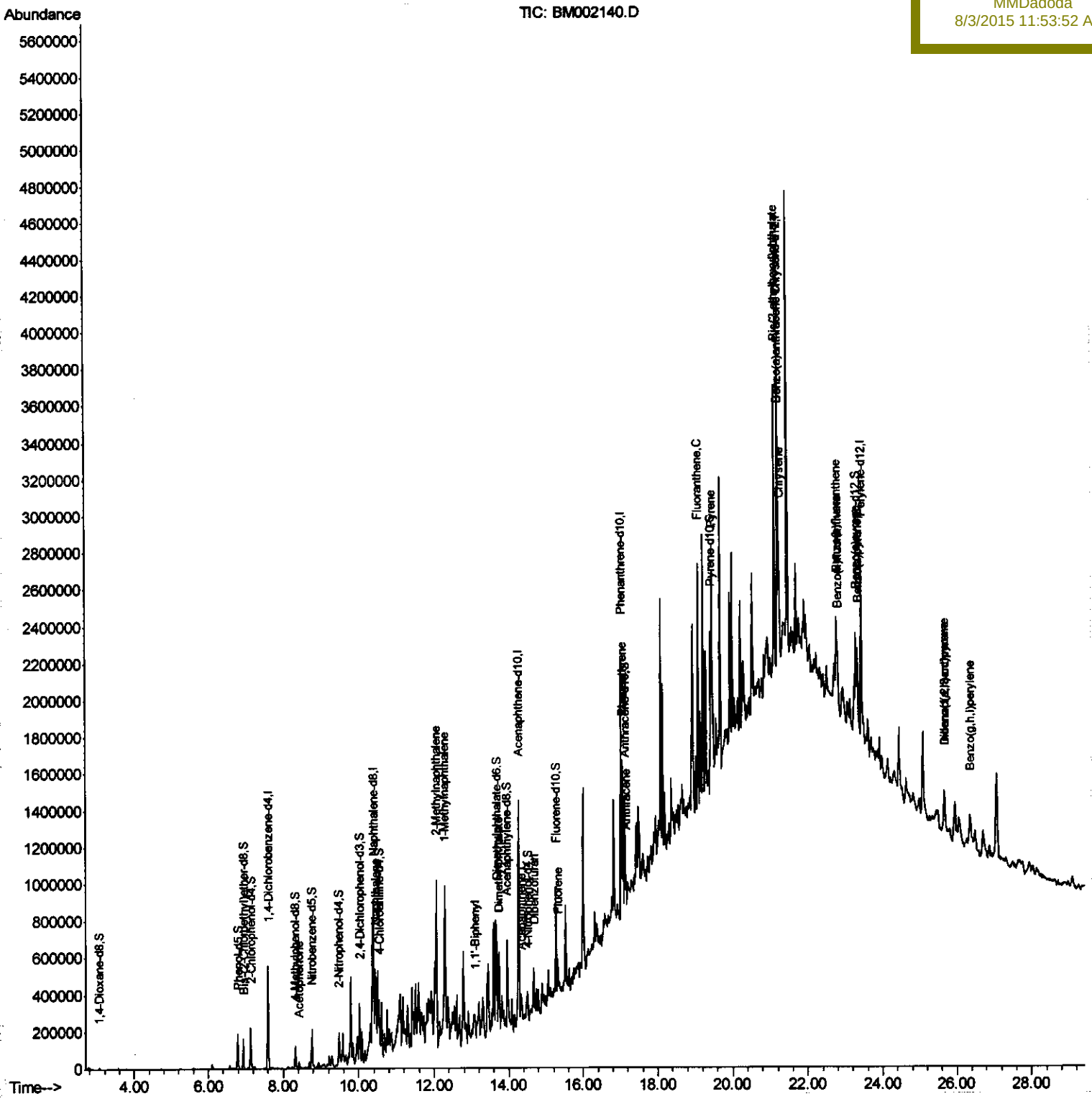

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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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	7.60	152	149373	20.00	ng/ul	0.01
18) Naphthalene-d8	10.39	136	634237	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.27	164	376881	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	739854	20.00	ng/ul	0.02
78) Chrysene-d12	21.23	240	714754	20.00	ng/ul	0.02
86) Perylene-d12	23.44	264	695032	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4865	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	107868	10.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	67115	11.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	99823	11.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	47085	5.55	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	51494	11.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	50290	10.04	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	94988	9.85	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	39328	3.71	ng/ul	0.01
44) Dimethylphthalate-d6	13.68	166	315558	11.43	ng/ul	0.01
47) Acenaphthylene-d8	13.96	160	334714	9.70	ng/ul	0.01
52) 4-Nitrophenol-d4	14.51	143	23749	5.15	ng/ul	0.04
58) Fluorene-d10	15.26	176	234462	9.65	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	2155	0.48	ng/ul	0.02
71) Anthracene-d10	17.12	188	312874	9.47	ng/ul	0.02
79) Pyrene-d10	19.43	212	308341	10.25	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.30	264	297357	8.83	ng/ul	0.04
Target Compounds						Qvalue
14) Acetophenone	8.42	105	18095	1.35	ng/ul	95
28) Naphthalene	10.44	128	140242	4.65	ng/ul#	85
34) 2-Methylnaphthalene	12.06	142	430295	19.63	ng/ul	98
35) 1-Methylnaphthalene	12.29	142	380710	18.06	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	39293	1.35	ng/ul	99
45) Dimethylphthalate	13.72	163	151177	5.48	ng/ul	98
50) Acenaphthene	14.33	153	50756	2.17	ng/ul	97
54) Dibenzofuran	14.67	168	43978	1.31	ng/ul#	84
59) Fluorene	15.32	166	66920	2.42	ng/ul#	95
70) Phenanthrene	17.06	178	473559	12.36	ng/ul	98
72) Anthracene	17.16	178	123542m	3.15	ng/ul	
77) Fluoranthene	19.09	202	808837	18.28	ng/ul	99
80) Pyrene	19.46	202	671087	17.25	ng/ul	98
83) Benzo(a)anthracene	21.21	228	327121	8.26	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.13	149	552347	24.29	ng/ul	99
85) Chrysene	21.26	228	332082m	8.96	ng/ul	
88) Benzo(b)fluoranthene	22.78	252	395338	10.12	ng/ul#	89
89) Benzo(k)fluoranthene	22.82	252	128833m	3.42	ng/ul	
91) Benzo(a)pyrene	23.34	252	225360	5.98	ng/ul#	85
92) Indeno(1,2,3-cd)pyrene	25.67	276	176629	4.07	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	53088	1.43	ng/ul#	62
94) Benzo(g,h,i)perylene	26.36	276	177676	4.88	ng/ul	93

T.P 8/10/15

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Quant Time: Jul 31 03:05:37 2015
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QLast Update : Fri Jul 31 01:27:14 2015
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Instrument :
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Manual Integrations APPROVED
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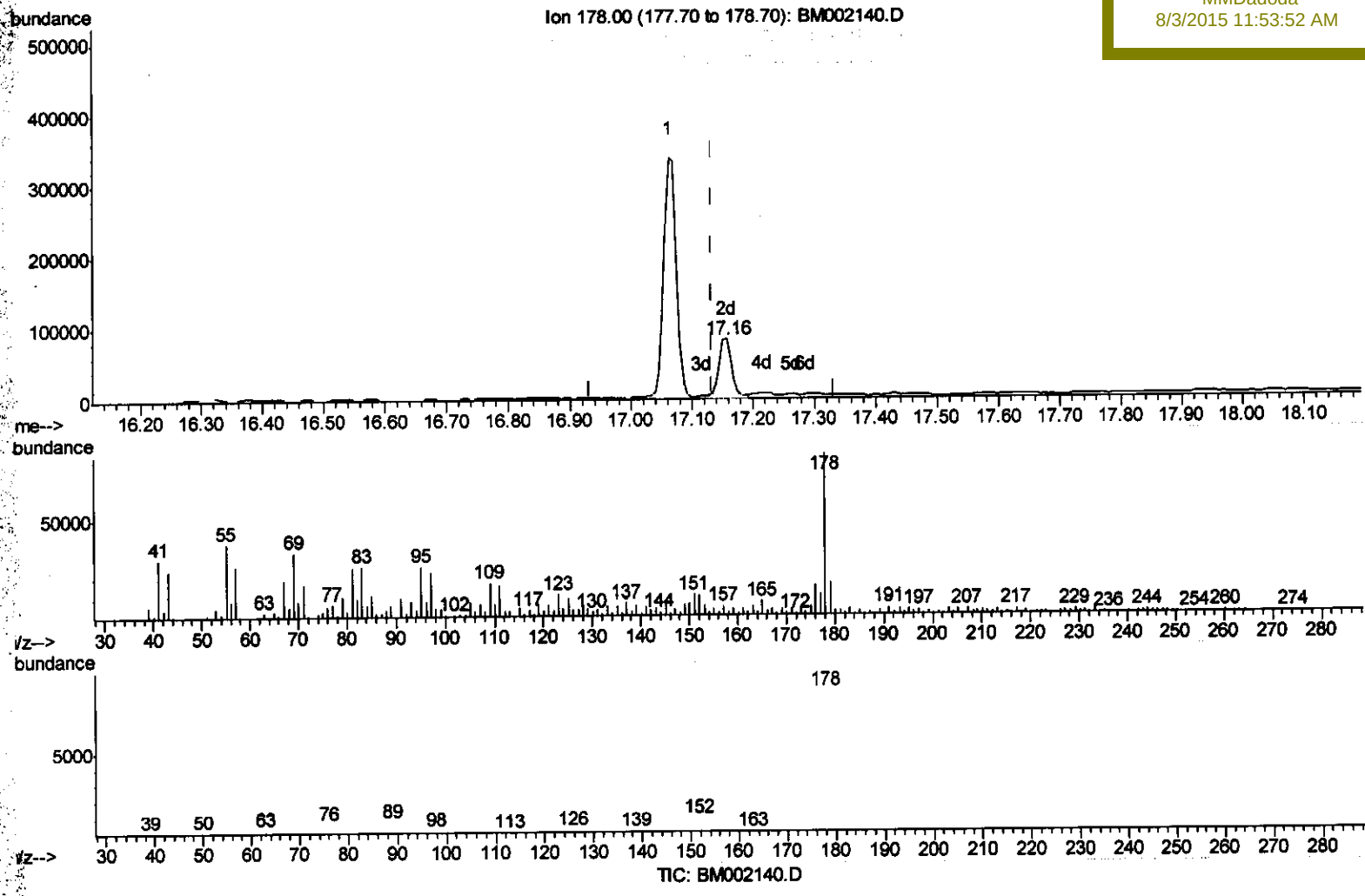

TIC: BM002140.D

(72) Anthracene

17.157min (+0.024) 3.15ng/ul m

response 123542

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	20.41#
176.00	17.60	19.14
0.00	0.00	0.00

T.P 08/05/15

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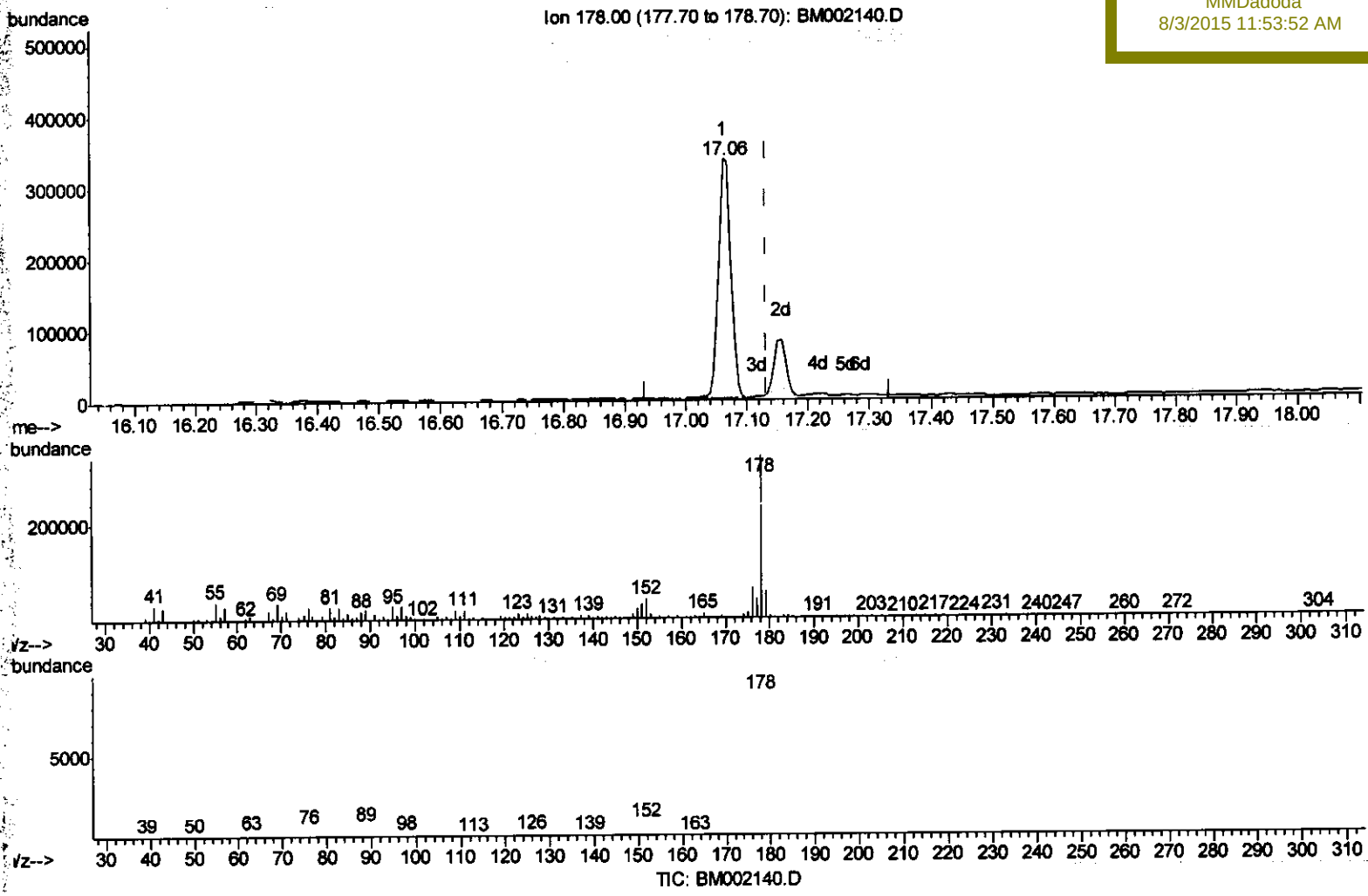
8/3/2015 11:53:52 AM



TIC: BM002140.D

(72) Anthracene

17.063min (-0.070) 12.09ng/ul

response 473559

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	16.50
176.00	17.60	18.48
0.00	0.00	0.00

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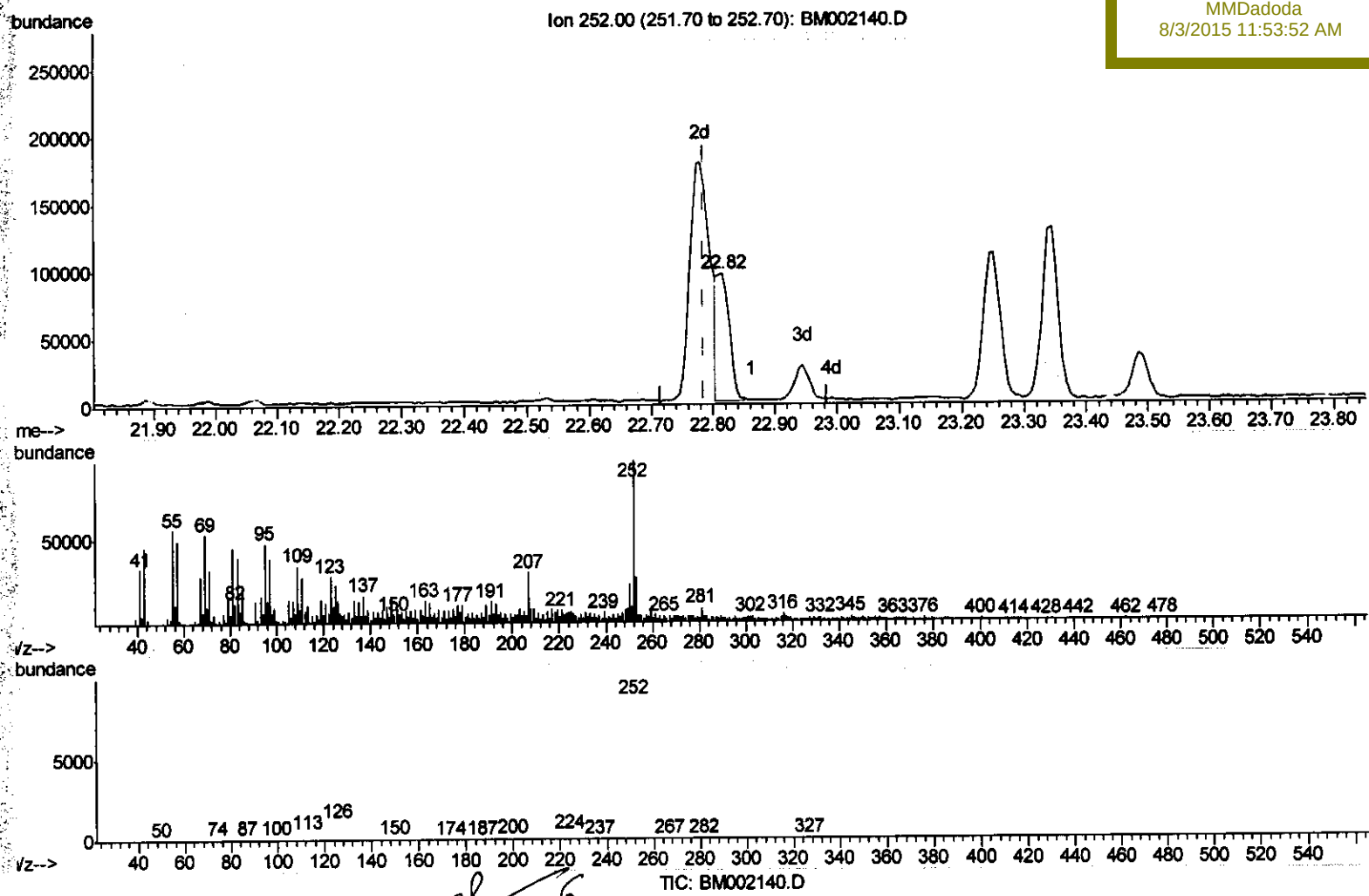

TIC: BM002140.D

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(89) Benzo(k)fluoranthene

22.815min (+0.030) 3.42ng/ul m

response 128833

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	27.65#
125.00	7.80	23.23#
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
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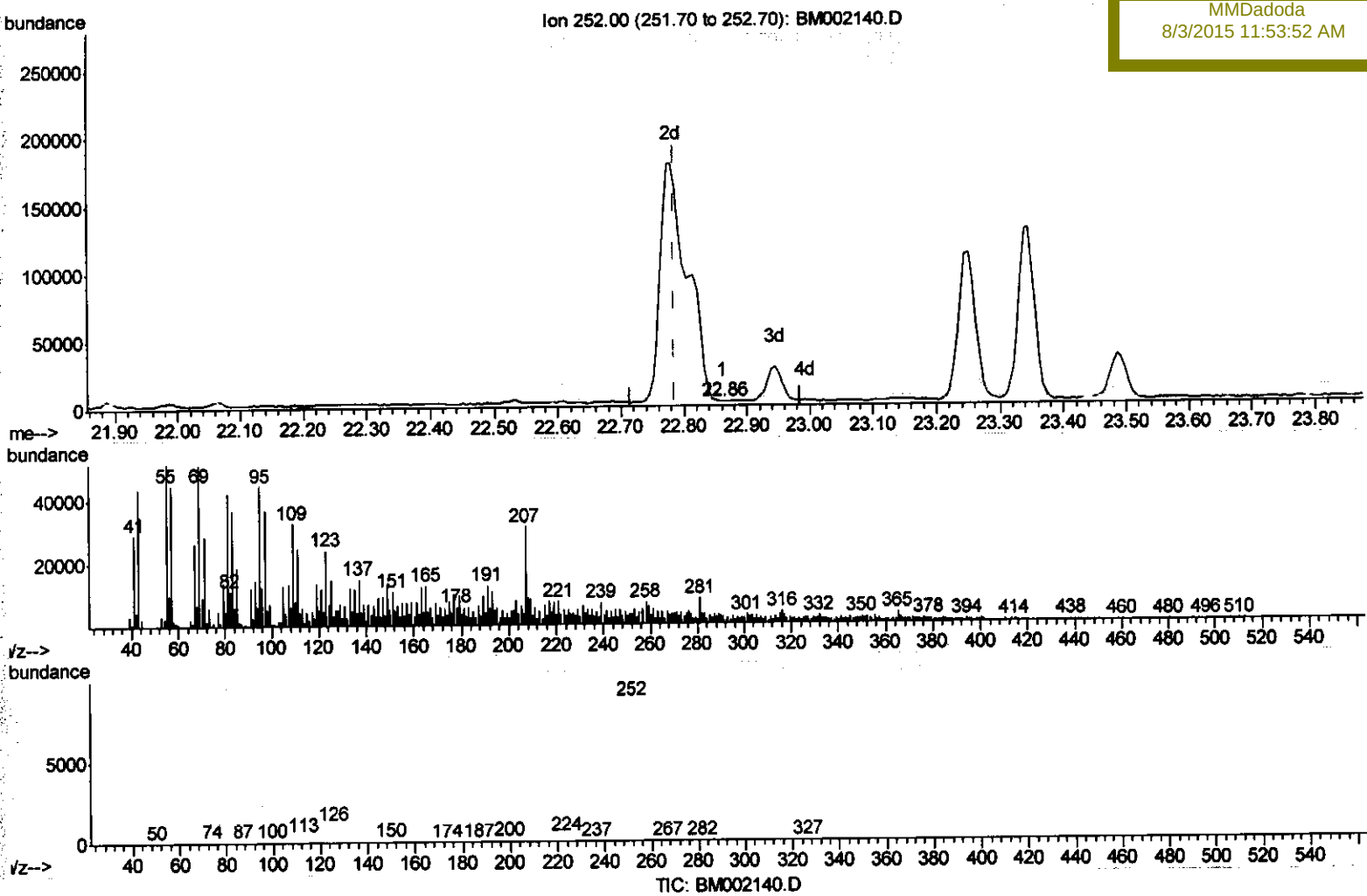
8/3/2015 11:53:52 AM



(89) Benzo(k)fluoranthene

22.862min (+0.077) 0.01ng/ul

response 378

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	134.68#
125.00	7.80	408.08#
0.00	0.00	0.00

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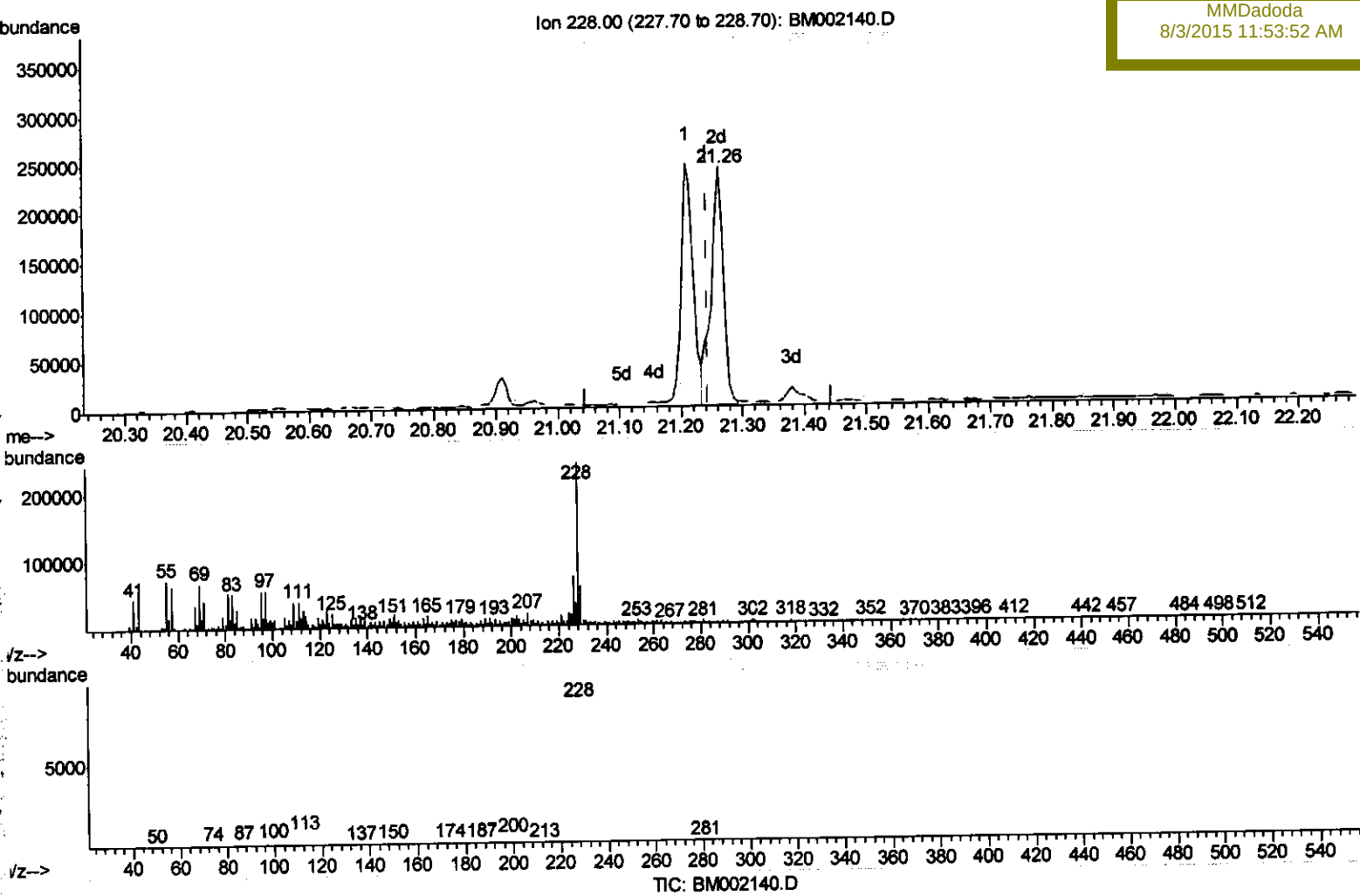

TIC: BM002140.D

(85) Chrysene

21.263min (+0.018) 8.96ng/ul m

response 332082

Ion	Exp%	Act%
228.00	100	100
226.00	27.90	30.12
229.00	19.40	23.89#
0.00	0.00	0.00

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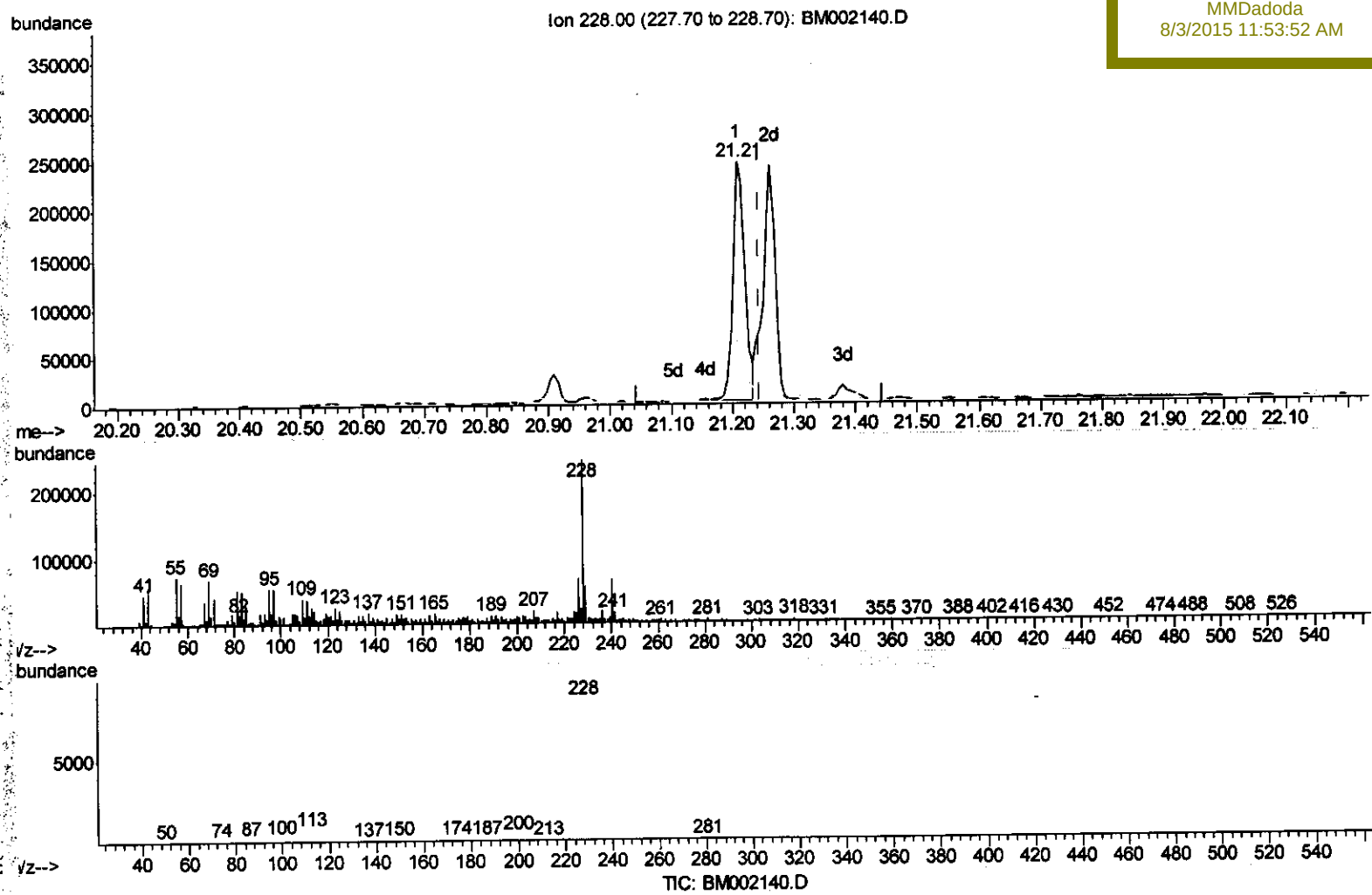

(85) Chrysene

21.210min (-0.035) 8.83ng/ul

response 327180

Ion	Exp%	Act%
228.00	100	100
226.00	27.90	27.28
229.00	19.40	22.98
0.00	0.00	0.00