

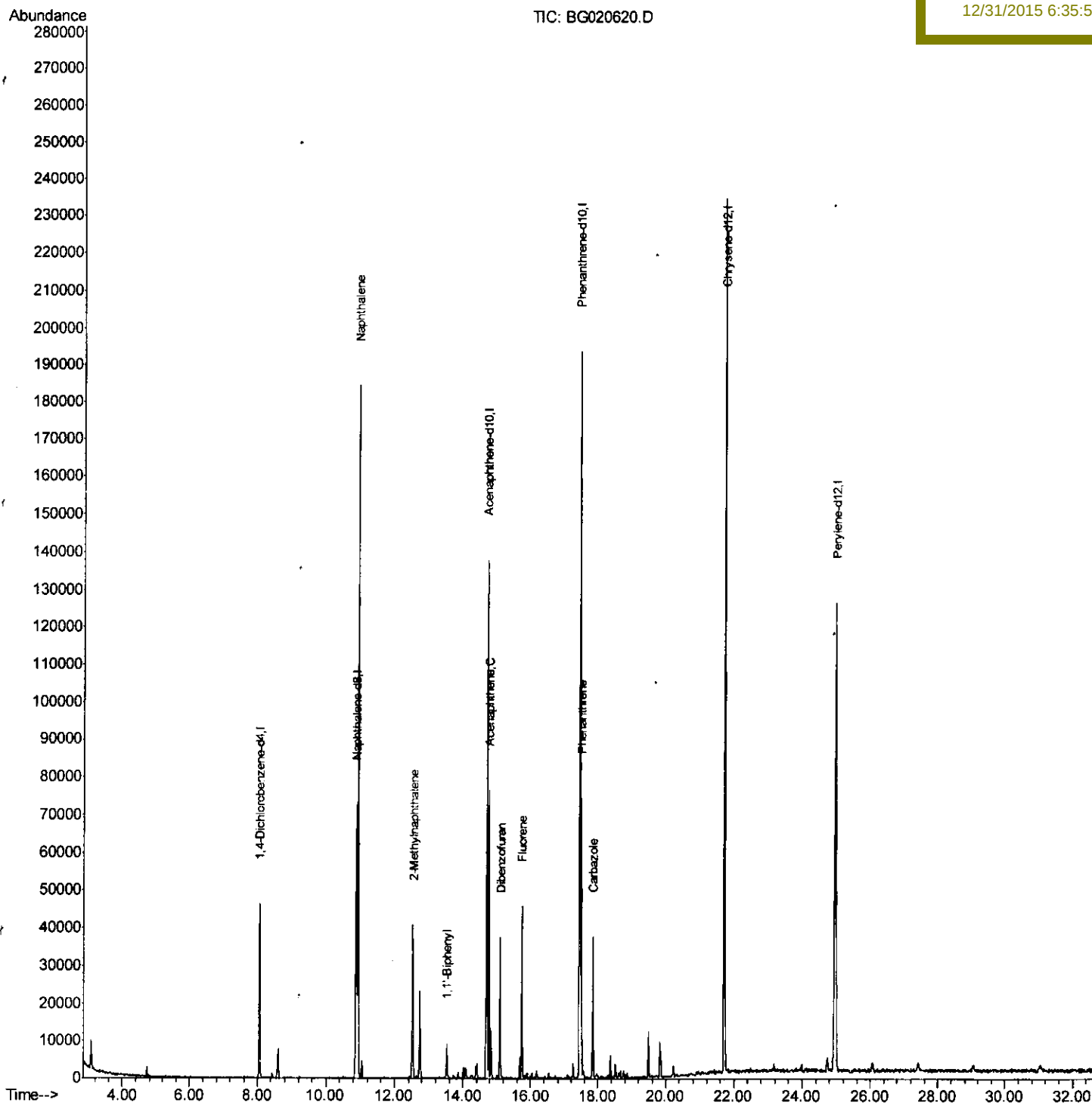
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
Data File : BG020620.D
Acq On : 30 Dec 2015 22:26
Operator : UM/SJ
Sample : G4846-02DL 50X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 31 03:23:35 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 01:03:28 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N48DL

Manual Integrations
APPROVED

Sohil
12/31/2015 6:35:53 PM



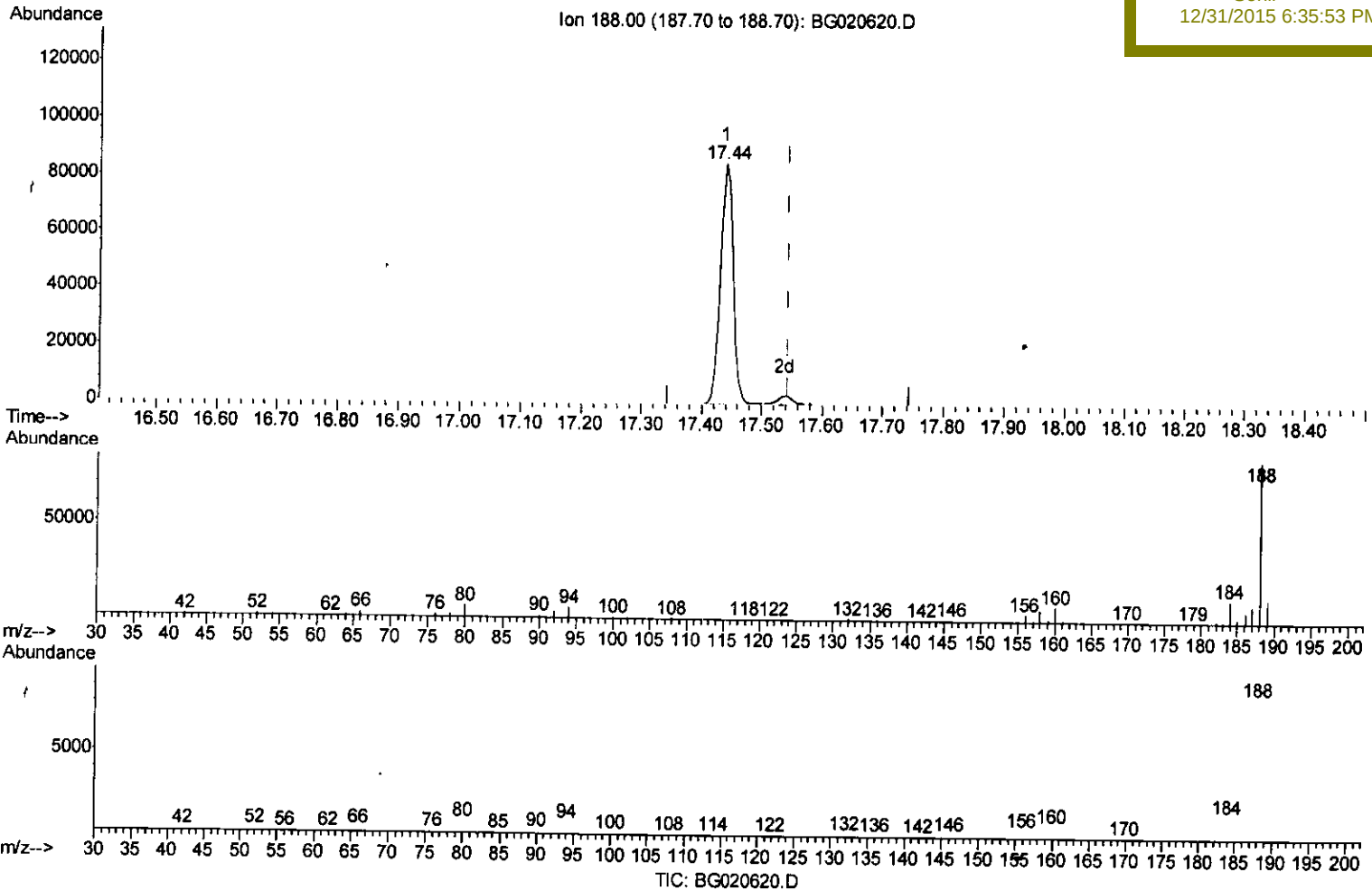
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Operator : UM/SJ
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Misc :
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Quant Time: Dec 31 01:11:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
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(71) Anthracene-d10 (S)

17.438min (-0.106) 21.46ng/ul

response 124041

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	6.99
80.00	7.70	7.51
0.00	0.00	0.00

Quantitation Report (Qedit)

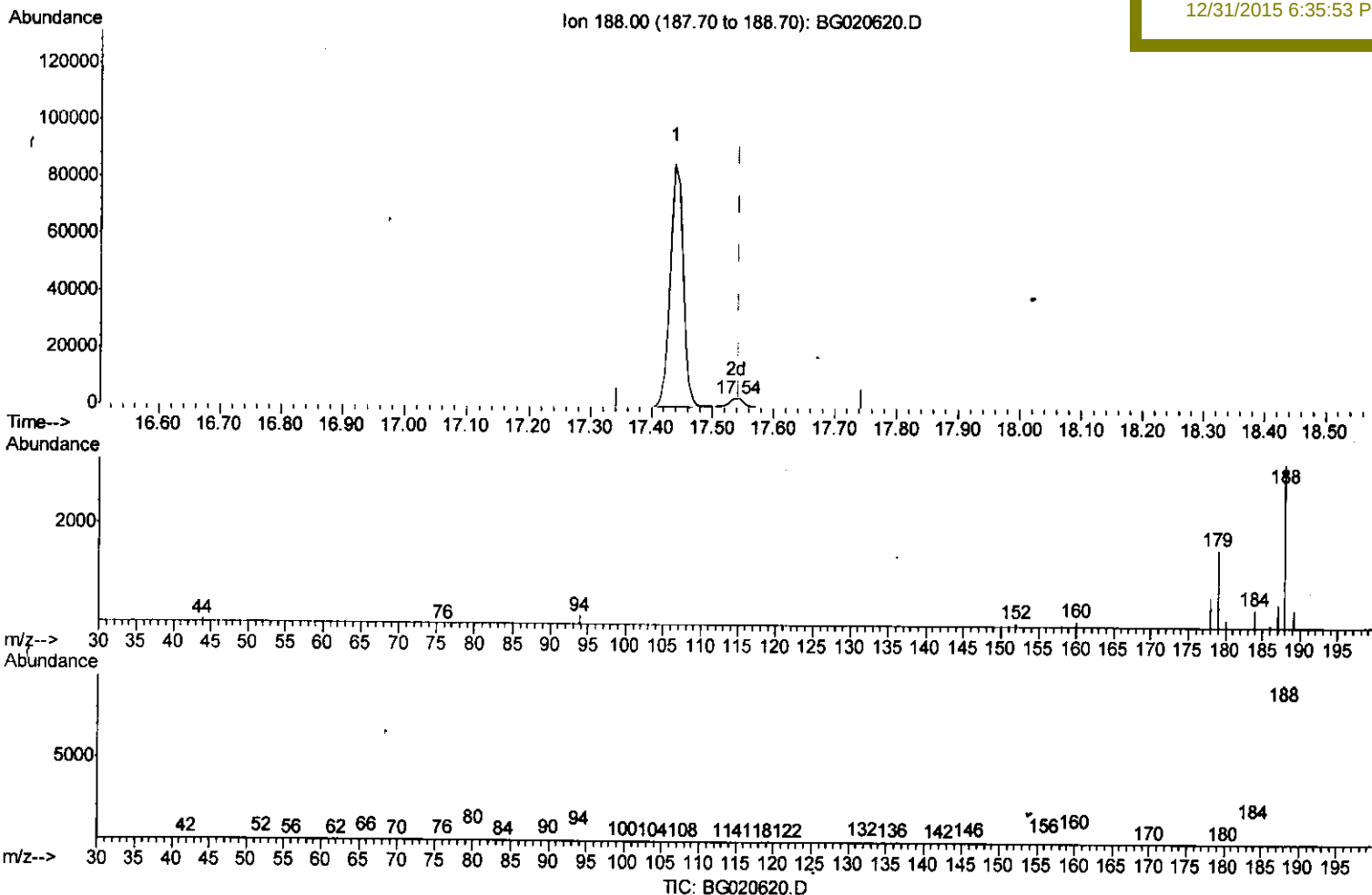
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 QLast Update : Thu Dec 31 01:03:28 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 D9N48DL

Manual Integrations
 APPROVED

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 12/31/2015 6:35:53 PM



(71) Anthracene-d10 (S)

17.538min (-0.006) 0.93ng/ul m U.M
 response 5393

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	9.83
80.00	7.70	0.00#
0.00	0.00	0.00

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 Operator : UM/SJ
 Sample : G4846-02DL 50X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N48DL

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Manual Integrations
 APPROVED

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 12/31/2015 6:35:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14341	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	63056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	46692	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	124041	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	152843	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	144433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	193	0.26	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	2945	0.77	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	3435	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	3104	0.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.54	188	5393m	0.93	ng/ul	0.00
79) Pyrene-d10	19.82	212	5560	0.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	5718	0.79	ng/ul	0.00

U.M
 11/11/16

Target Compounds

						Qvalue
28) Naphthalene	10.93	128	163751	49.04	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	20643	8.26	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	6730	1.92	ng/ul#	89
50) Acenaphthene	14.76	153	34444	11.01	ng/ul	91
54) Dibenzofuran	15.09	168	26931	5.70	ng/ul	98
59) Fluorene	15.74	166	21716	5.71	ng/ul	95
70) Phenanthrene	17.48	178	50267	7.45	ng/ul	99
75) Carbazole	17.84	167	29125	5.00	ng/ul	97

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