

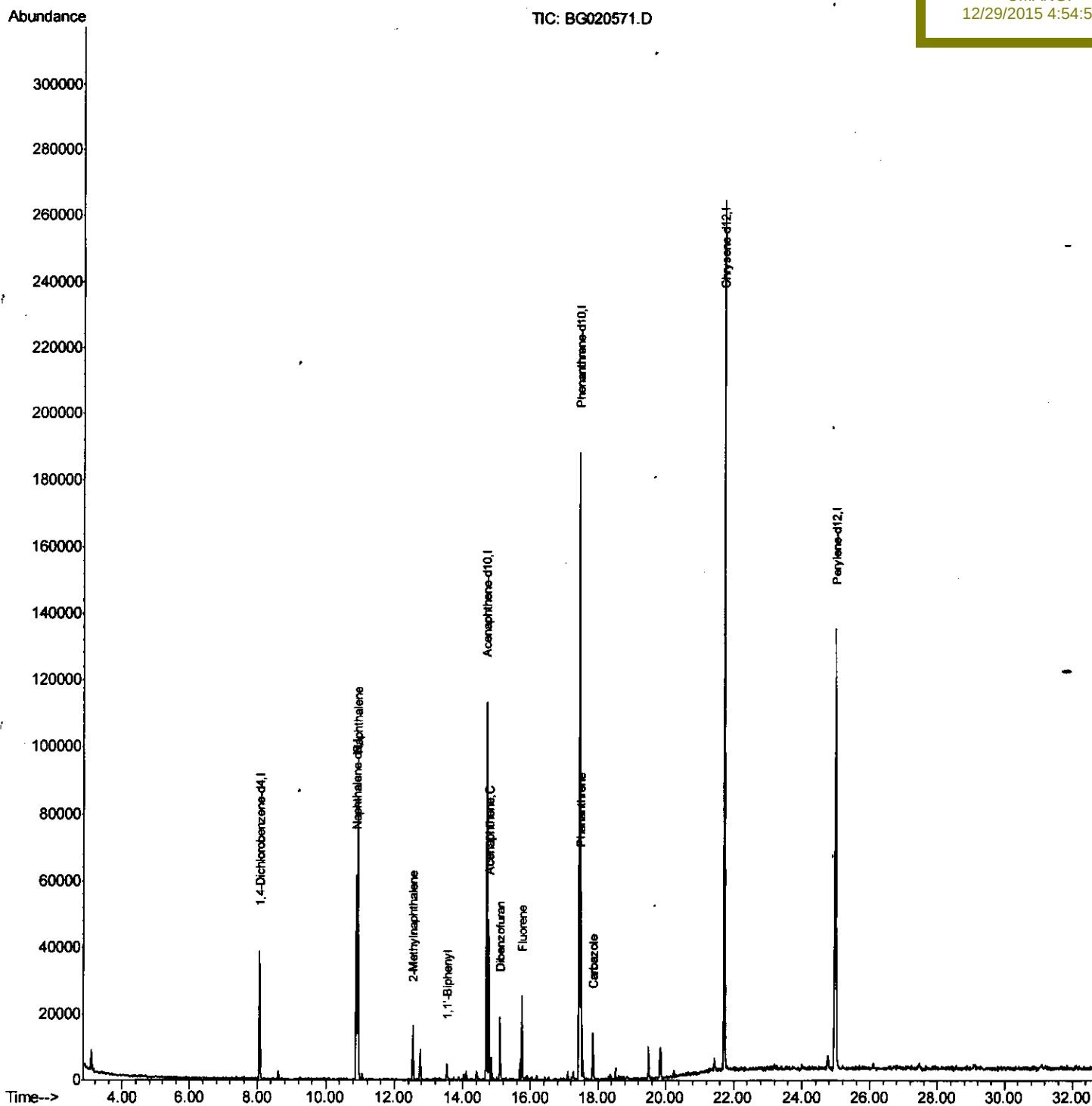
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122815\
Data File : BG020571.D
Acq On : 28 Dec 2015 19:13
Operator : UM/SJ
Sample : G4846-14DL 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 04:39:30 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 02:56:07 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60DL

Manual Integrations
APPROVED

UMANGI
12/29/2015 4:54:53 PM



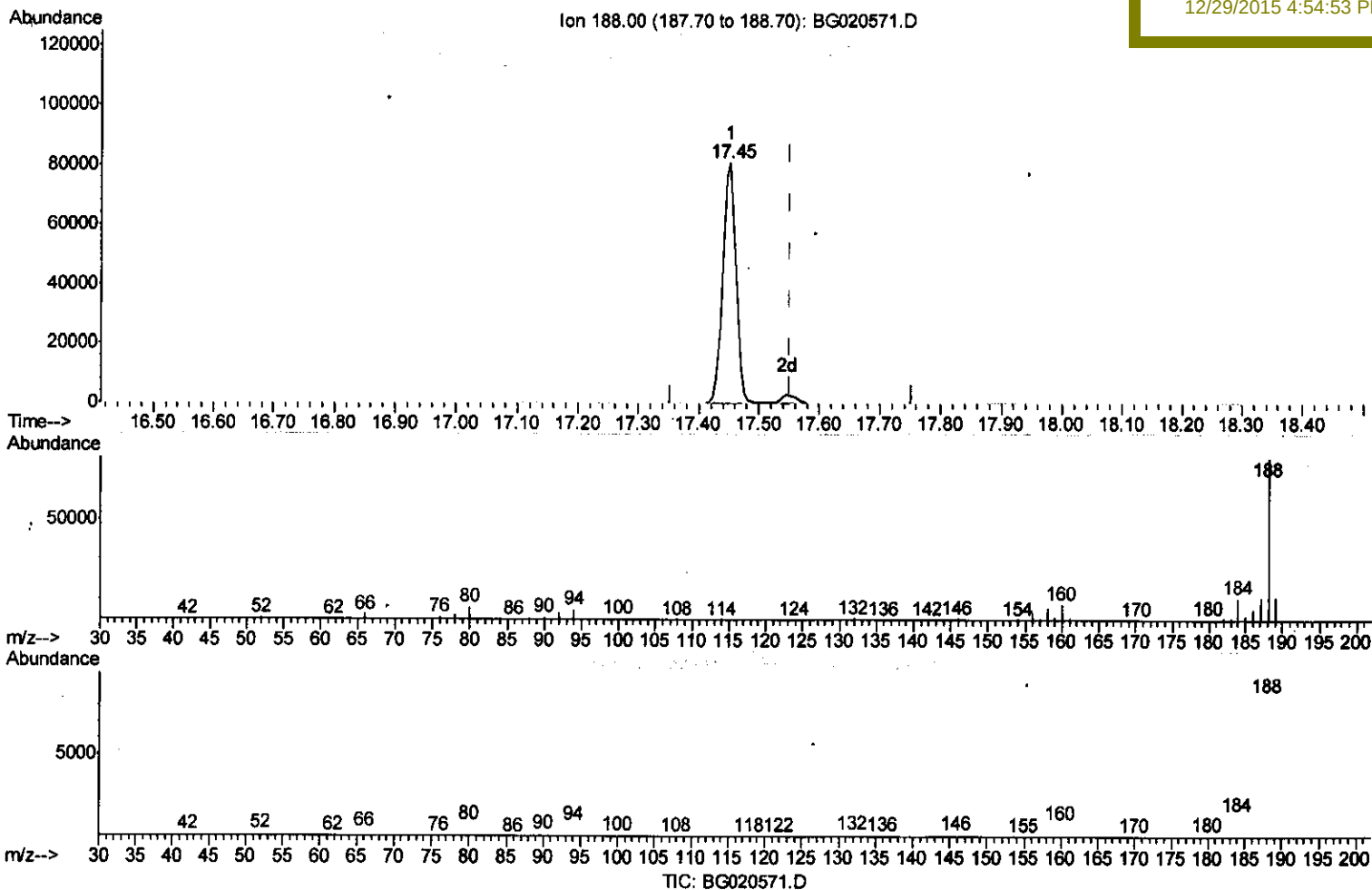
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122815\
Data File : BG020571.D
Acq On : 28 Dec 2015 19:13
Operator : UM/SJ
Sample : G4846-14DL 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 05 02:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 01:08:31 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
D9N60DL

Manual Integrations
APPROVED

UMANGI
12/29/2015 4:54:53 PM



(71) Anthracene-d10 (S)

17.452min (-0.101) 21.35ng/ul

response 124156

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.46
80.00	7.50	7.82
0.00	0.00	0.00

Quantitation Report (Qedit)

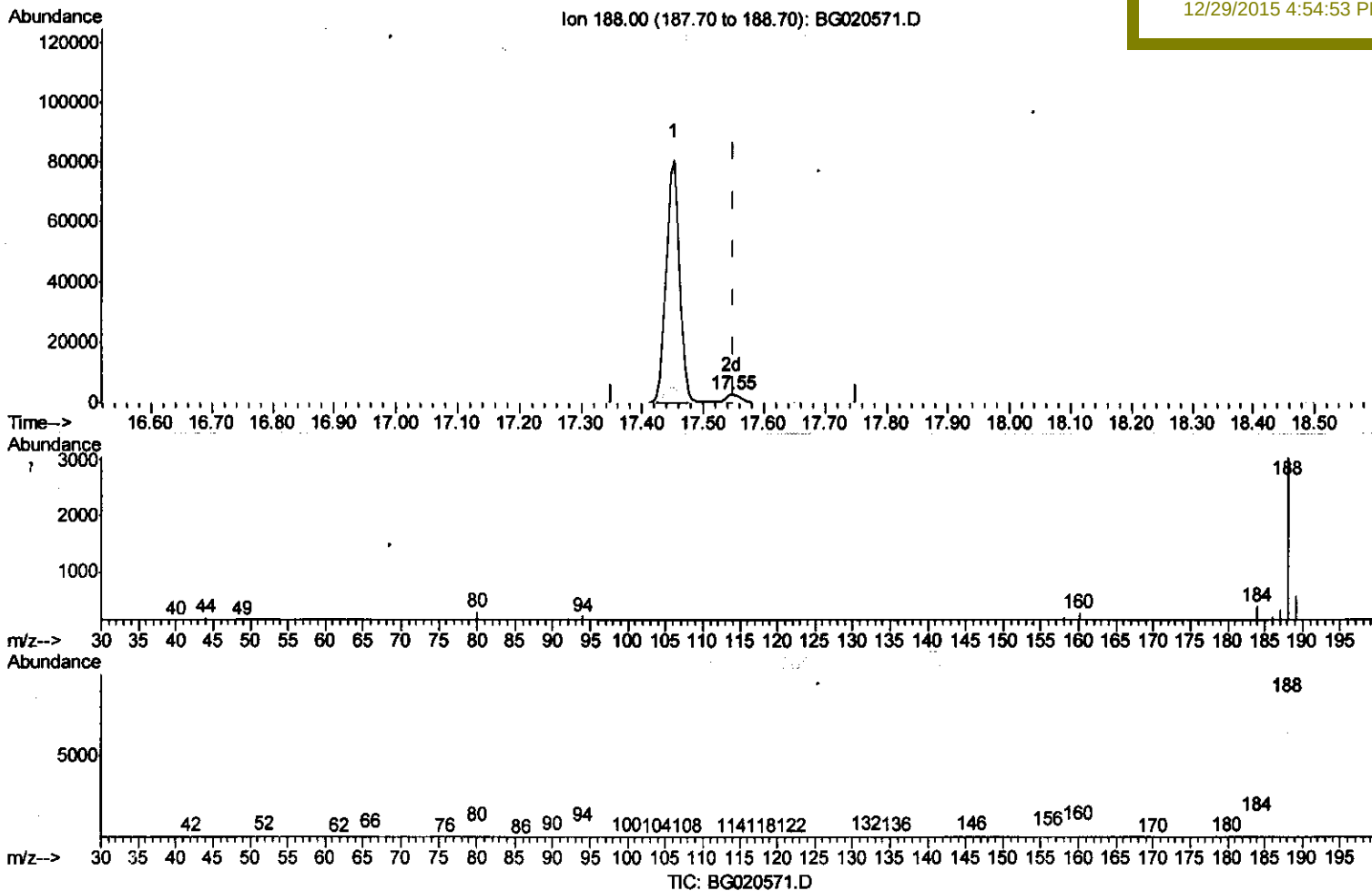
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122815\
 Data File : BG020571.D
 Acq On : 28 Dec 2015 19:13
 Operator : UM/SJ
 Sample : G4846-14DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 04:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 02:56:07 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 4:54:53 PM



(71) Anthracene-d10 (S)

17.546min (-0.004) 0.90ng/ul m

response 5239

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	7.63
80.00	7.50	9.97#
0.00	0.00	0.00

U.M
 11/5/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122815\
 Data File : BG020571.D
 Acq On : 28 Dec 2015 19:13
 Operator : UM/SJ
 Sample : G4846-14DL 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

Quant Time: Dec 29 04:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 02:56:07 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

UMANGI
 12/29/2015 4:54:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	53819	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	41906	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124156	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	168022	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	159365	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	0.00	67	0	0.00	ng/ul	
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	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	2582	0.75	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	2741	0.68	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	2530	0.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.55	188	5239m	0.90	ng/ul	0.00
79) Pyrene-d10	19.83	212	5818	0.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	6036	0.75	ng/ul	0.00

U.M
 11/5/16

Target Compounds

					Qvalue
28) Naphthalene	10.94	128	73977	25.86 ng/ul	99
34) 2-Methylnaphthalene	12.54	142	8770	4.14 ng/ul	94
41) 1,1'-Biphenyl	13.54	154	3854	1.19 ng/ul	95
50) Acenaphthene	14.77	153	21381	7.52 ng/ul	100
54) Dibenzofuran	15.10	168	14677	3.47 ng/ul	99
59) Fluorene	15.75	166	12237	3.57 ng/ul	98
70) Phenanthrene	17.49	178	39707	5.75 ng/ul	98
75) Carbazole	17.86	167	13013	2.19 ng/ul	99

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