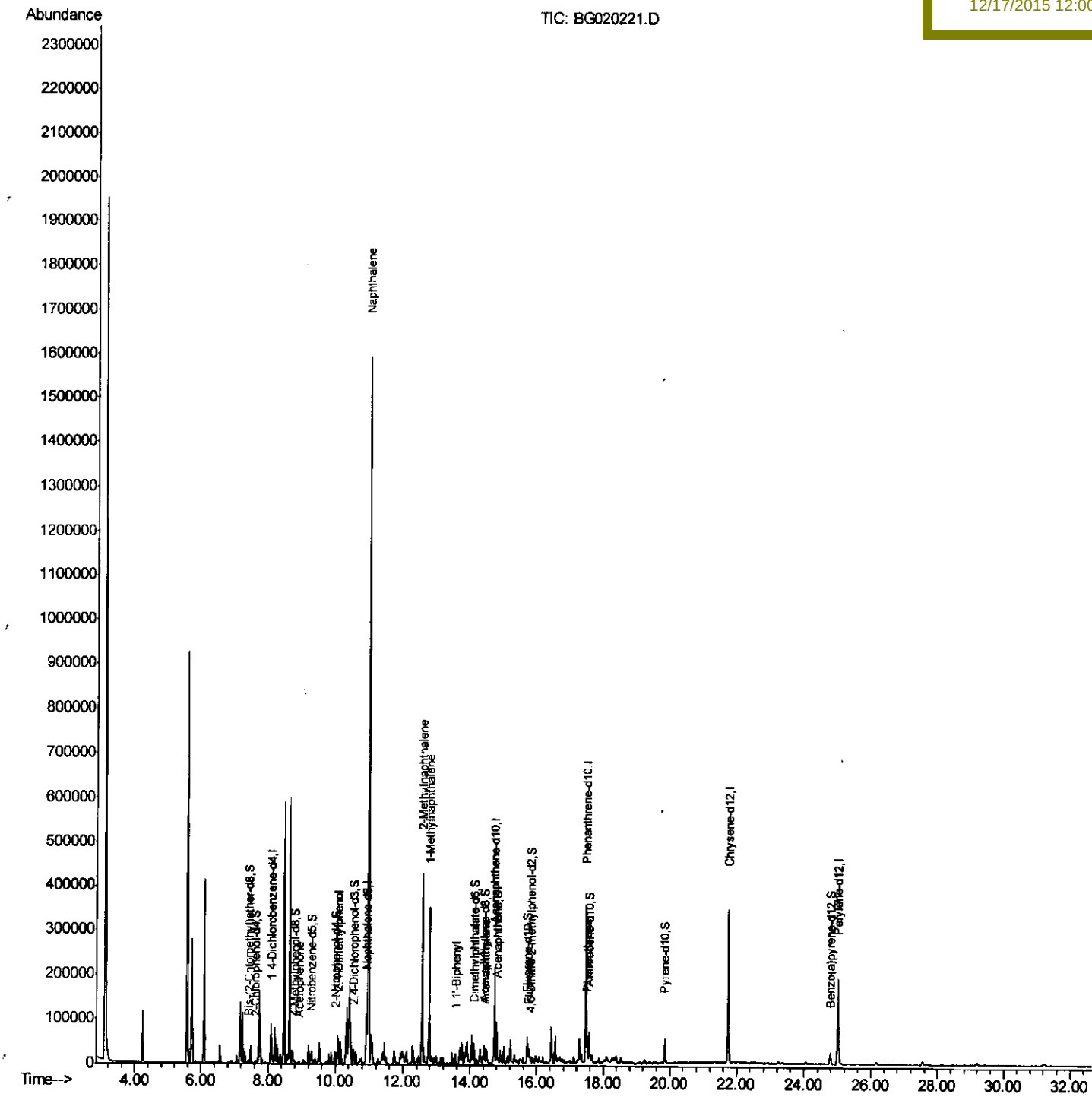
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 10:21:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9C88DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:29 PM



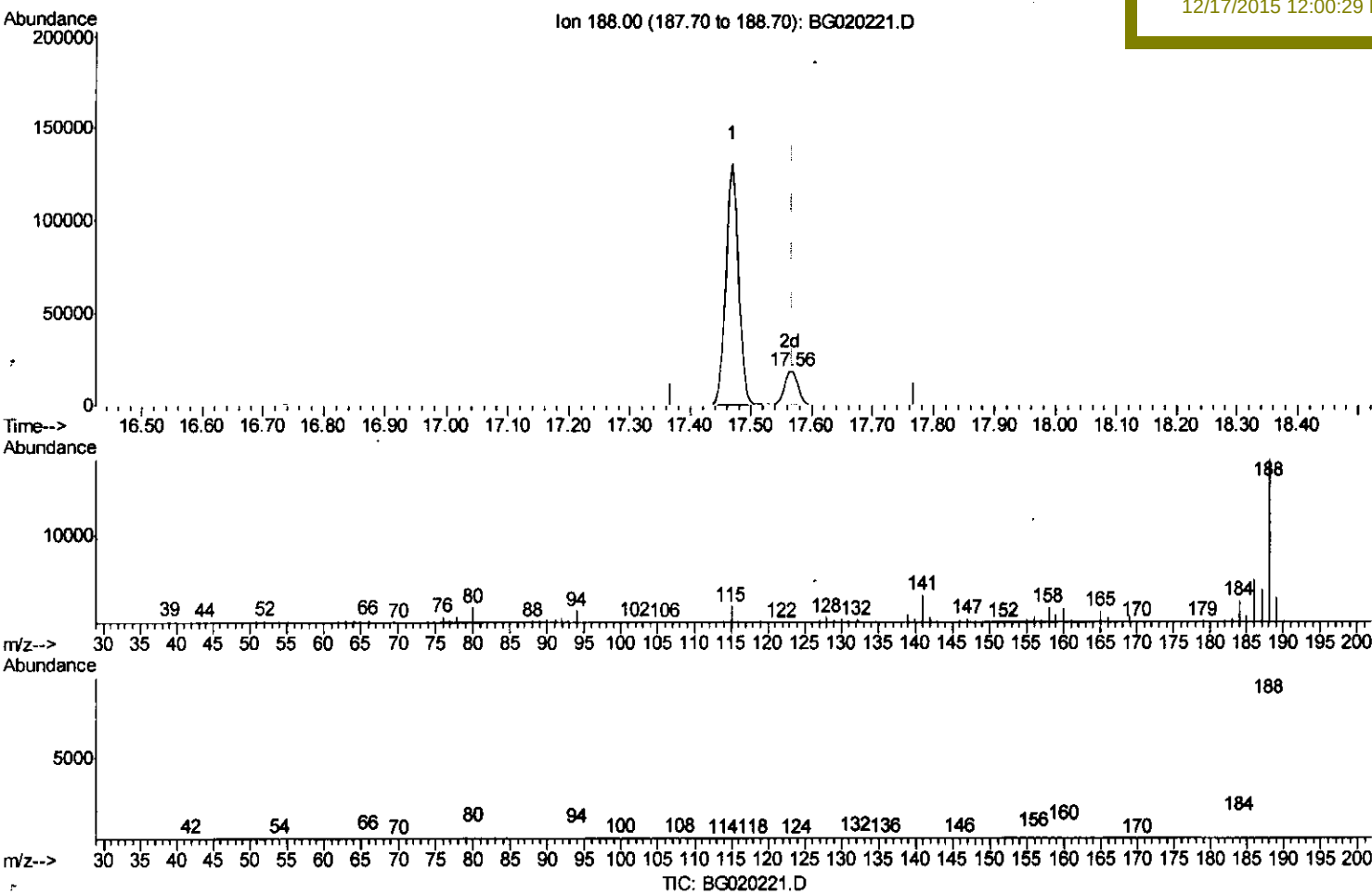
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 03:13:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9C88DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:29 PM



(71) Anthracene-d10 (S)

17.564min (-0.004) 3.21ng/ul m

response 28692

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	8.25
80.00	7.50	10.18#
0.00	0.00	0.00

U.21
12/17/15

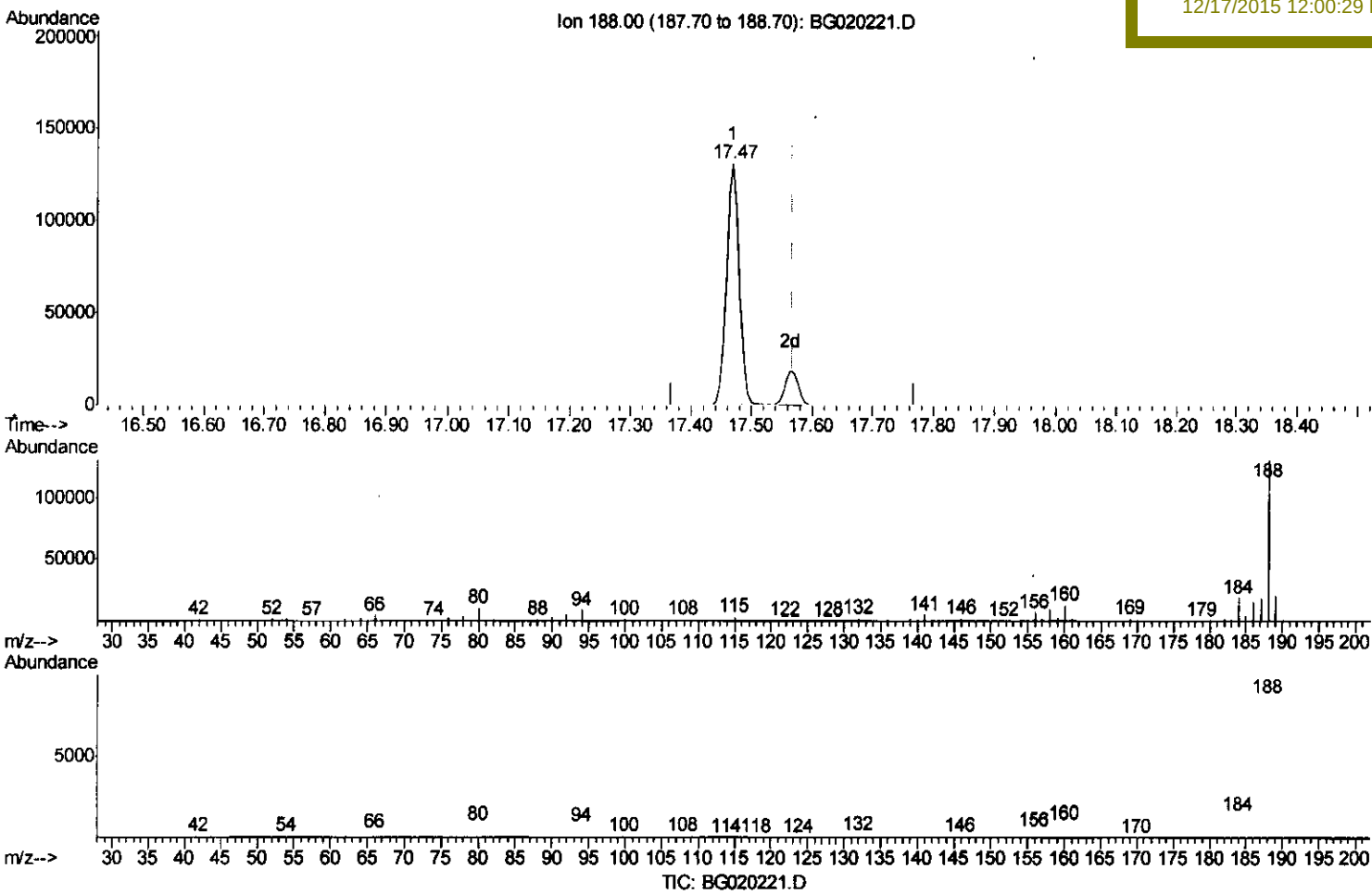
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 03:13:56 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
G9C88DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:29 PM



(71) Anthracene-d10 (S)

17.470min (-0.098) 21.70ng/ul

response 193693

Ion	Exp%	Act%
188.00	100	100
94.00	7.70	6.66
80.00	7.50	7.71
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020221.D
Acq On : 16 Dec 2015 13:27
Operator : UM/SJ
Sample : G4786-15DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 14:30:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:37:15 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : G9C88DL

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	100224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	75045	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	193693	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	212917	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	201343	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	7.25	99	1200	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3294	2.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3442	2.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	2560	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	3038	3.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	2596	2.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4932	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	18791	3.10	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	22737	3.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	564	0.52	ng/ul	0.00
58) Fluorene-d10	15.71	176	18543	3.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2679	2.33	ng/ul	0.00
71) Anthracene-d10	17.56	188	28692m	3.21	ng/ul	0.00
79) Pyrene-d10	19.85	212	31418	3.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	30224	3.01	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.92	105	3830	1.45	ng/ul#	80
24) 2,4-Dimethylphenol	10.07	107	24161	11.41	ng/ul	96
28) Naphthalene	10.98	128	1328908	253.91	ng/ul#	94
34) 2-Methylnaphthalene	12.56	142	187549	46.91	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	12775	2.26	ng/ul	97
50) Acenaphthene	14.79	153	36537	7.24	ng/ul	96
59) Fluorene	15.77	166	15334	2.54	ng/ul	96
70) Phenanthrene	17.51	178	32439	3.06	ng/ul	96

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

UM 12/18/15