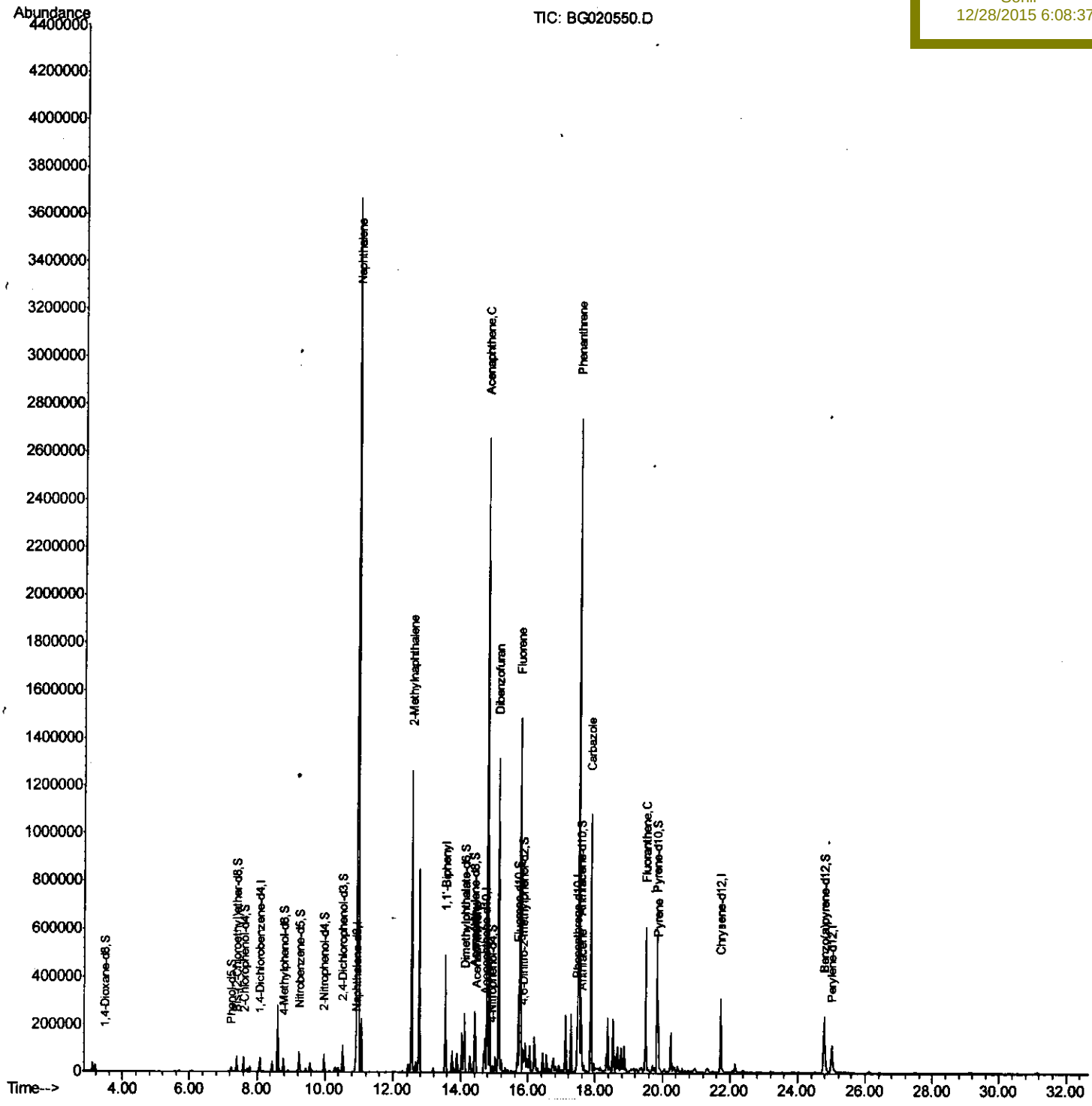
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020550.D
Acq On : 27 Dec 2015 11:21
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 28 03:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60

Manual Integrations APPROVED
Sohil
12/28/2015 6:08:37 PM



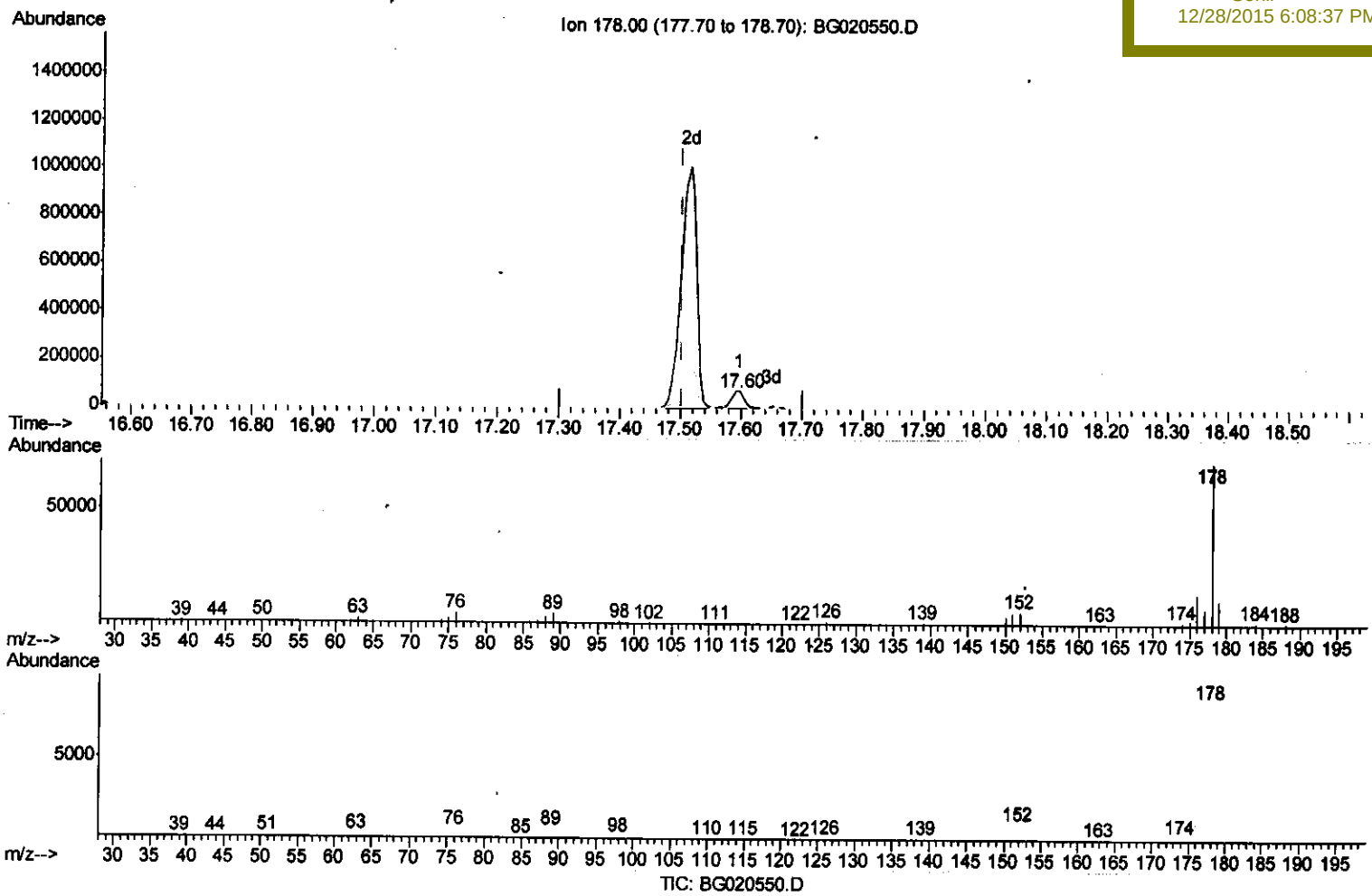
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020550.D
Acq On : 27 Dec 2015 11:21
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 28 02:41:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60

Manual Integrations APPROVED
Sohil
12/28/2015 6:08:37 PM



TIC: BG020550.D

(70) Phenanthrene

17.598min (+0.094) 13.54ng/ul

response 109645

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.61
176.00	19.10	18.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
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Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 28 02:41:52 2015
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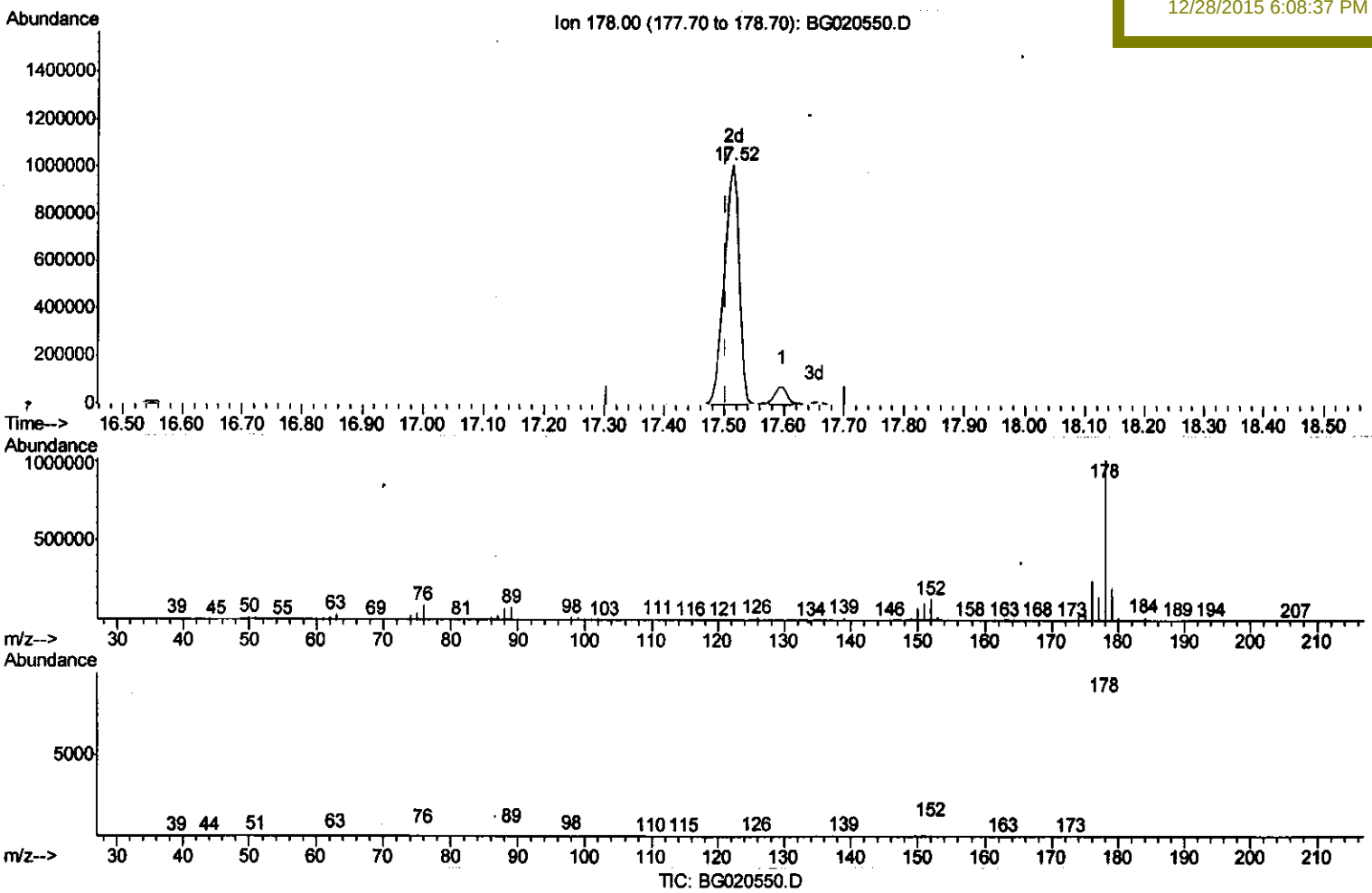
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60

Manual Integrations APPROVED
Sohil
12/28/2015 6:08:37 PM



TIC: BG020550.D

(70) Phenanthrene

17.516min (+0.012) 220.91ng/ul m U. M 1/2/16

response 1789206

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	20.50#
176.00	19.10	24.73#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020550.D
Acq On : 27 Dec 2015 11:21
Operator : UM/SJ
Sample : G4846-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 28 03:04:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N60

Manual Integrations APPROVED
Sohil
12/28/2015 6:08:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	19281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	79863	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.71	164	56868	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	145565	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	181320	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	147930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	479	1.37	ng/uL	0.00
5) Phenol-d5	7.23	99	12028	7.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	31885	34.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	33917	28.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	23917	18.37	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	22569	36.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	26692	37.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	45128	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	570	0.36	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	166459	35.51	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	196021	36.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	5346	6.84	ng/ul	0.00
58) Fluorene-d10	15.71	176	157827	37.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	23707	24.57	ng/ul	0.00
71) Anthracene-d10	17.56	188	256201	37.58	ng/ul	0.00
79) Pyrene-d10	19.84	212	306391	39.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	329325	44.04	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.98	128	3554878	837.34	ng/ul#	78
34) 2-Methylnaphthalene	12.55	142	610235	194.26	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	269150	61.33	ng/ul	97
48) Acenaphthylene	14.44	152	93133	16.32	ng/ul#	97
50) Acenaphthene	14.79	153	1195229	309.72	ng/ul	95
54) Dibenzofuran	15.12	168	866568	150.93	ng/ul	98
59) Fluorene	15.76	166	730431	156.99	ng/ul	98
70) Phenanthrene	17.52	178	1789206m	220.91	ng/ul	
72) Anthracene	17.60	178	111020	13.40	ng/ul	99
75) Carbazole	17.87	167	772254	110.65	ng/ul	97
77) Fluoranthene	19.51	202	419093	41.15	ng/ul	99
80) Pyrene	19.87	202	249345	24.32	ng/ul	98

U.M 1/2/16

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