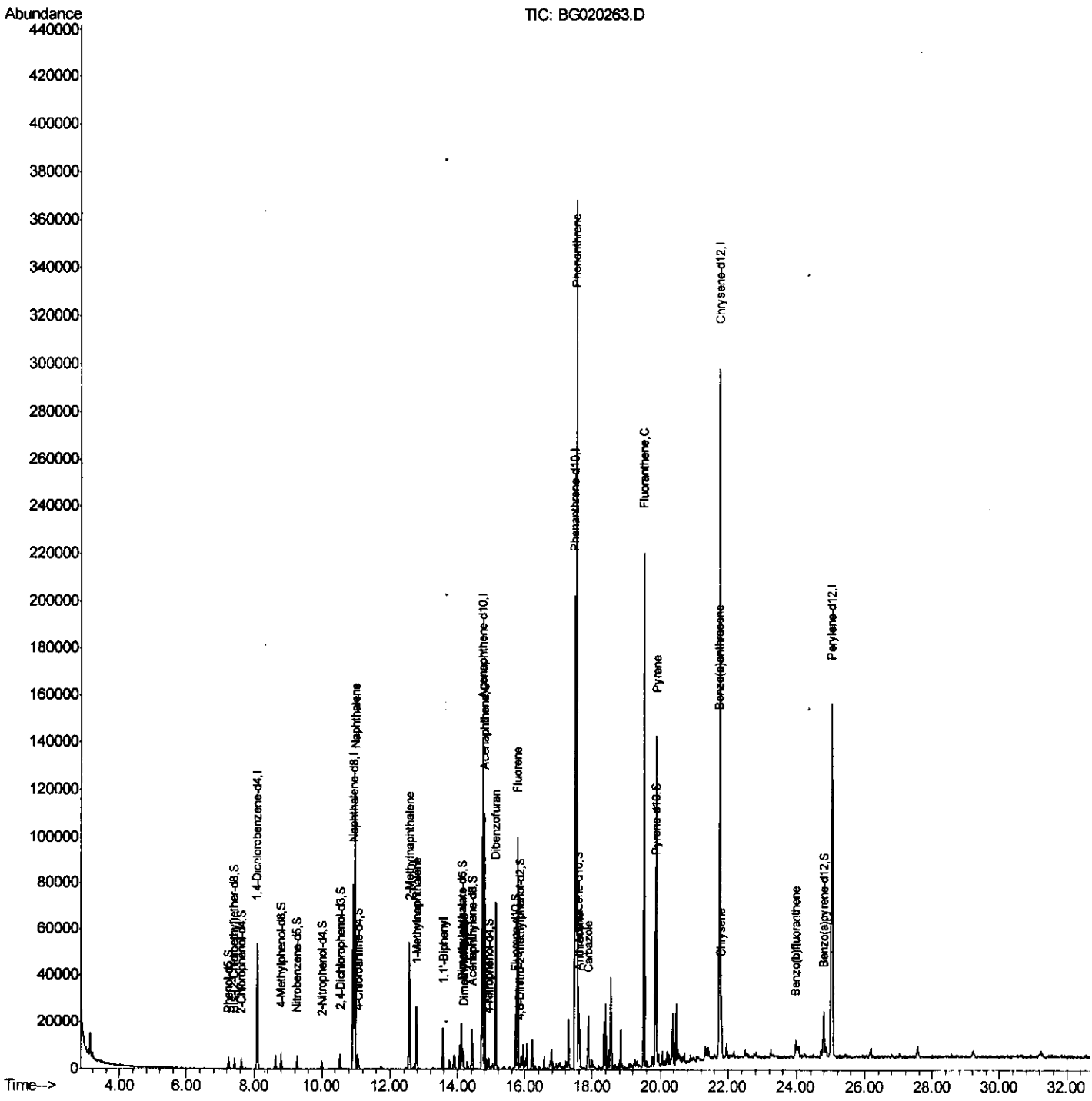
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 18 08:10:31 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:20:23 PM



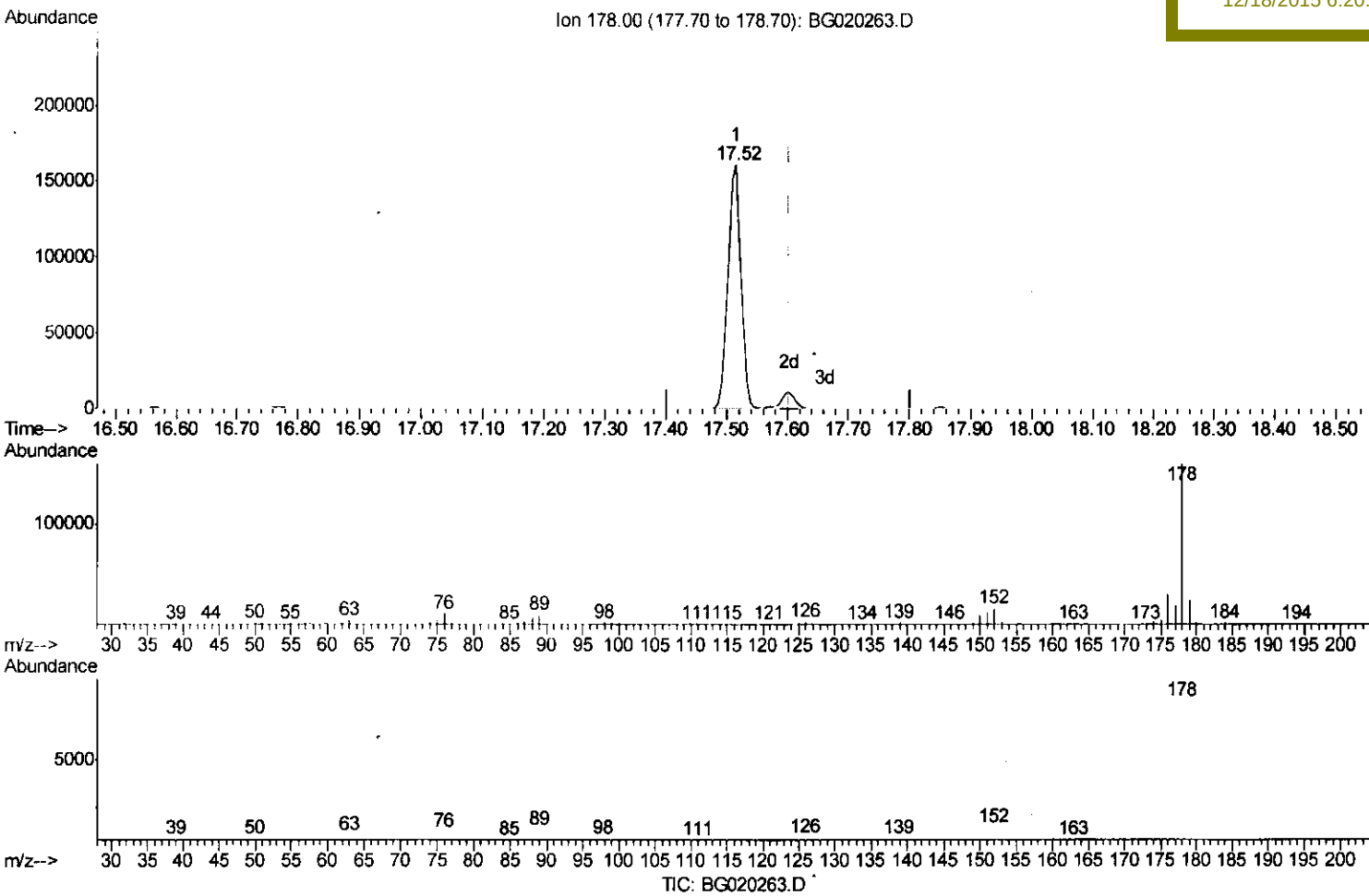
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 18 08:08:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:20:23 PM



(72) Anthracene

17.515min (-0.088) 32.00ng/ul

response 238004

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.29
176.00	17.90	18.53
0.00	0.00	0.00

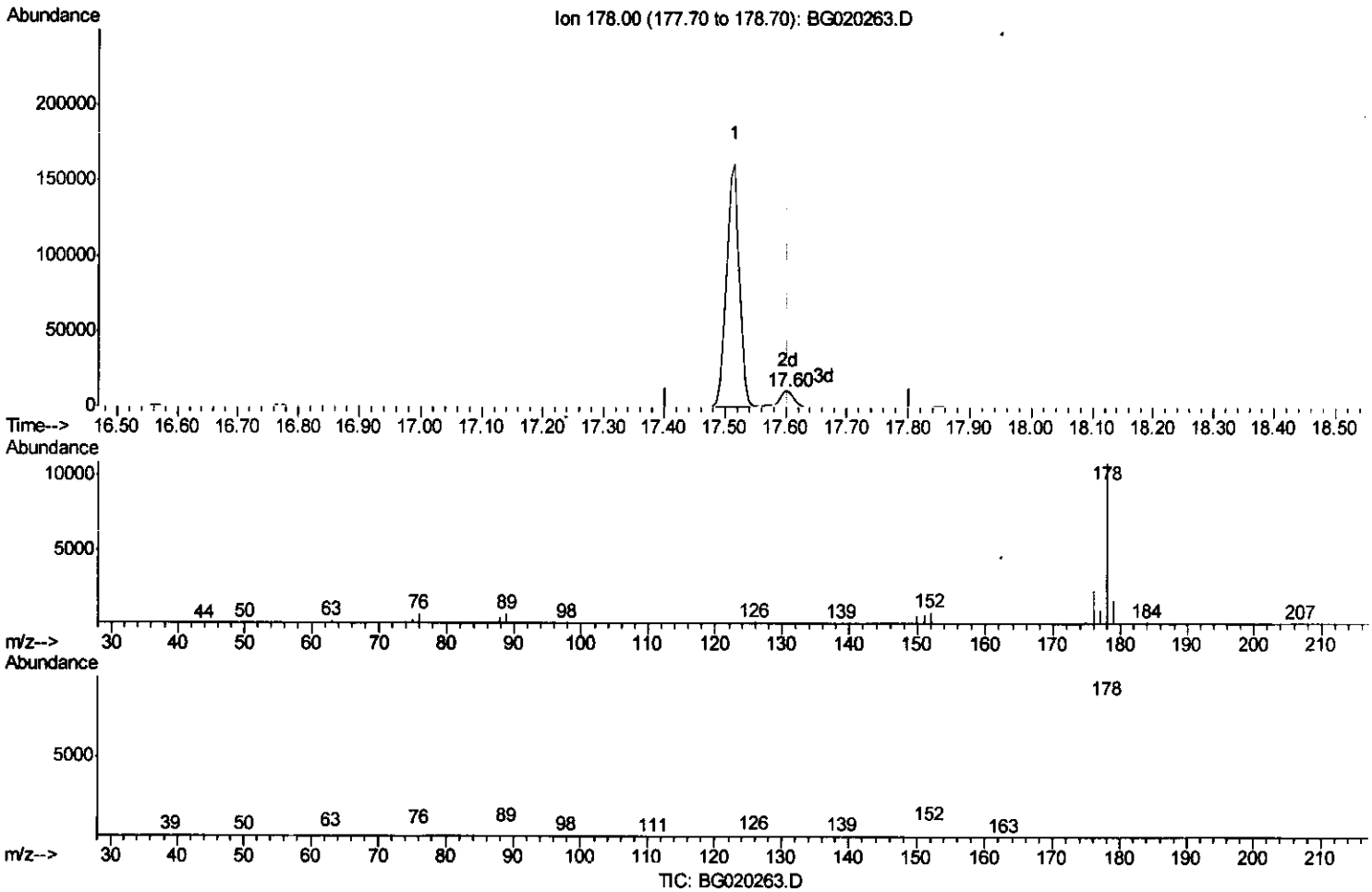
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 18 08:08:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:20:23 PM



(72) Anthracene

17.603min (+0.000) 2.46ng/ul m U.M 12/21/15

response 18264

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.54
176.00	17.90	21.52#
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 29 08:22:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : D9N43DL

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:20:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	66655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49395	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	134073	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	181596	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	175942	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	7.24	99	3655	2.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	2450	2.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	2920	2.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	3096	2.54	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1589	3.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1820	3.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3363	2.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	4519	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	13687	3.43	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	13494	2.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	1314	1.83	ng/ul	0.00
58) Fluorene-d10	15.71	176	10517	2.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	906	1.14	ng/ul	0.00
71) Anthracene-d10	17.57	188	18618	3.01	ng/ul	0.00
79) Pyrene-d10	19.85	212	22248	2.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	23291	2.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.96	128	103325	29.68	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	27315	10.27	ng/ul	92
41) 1,1'-Biphenyl	13.56	154	10257	2.75	ng/ul	96
45) Dimethylphthalate	14.17	163	6368	1.56	ng/ul	96
50) Acenaphthene	14.79	153	46747	14.07	ng/ul	99
54) Dibenzofuran	15.12	168	50425	10.20	ng/ul	100
59) Fluorene	15.77	166	46946	11.83	ng/ul	98
70) Phenanthrene	17.52	178	238004	32.45	ng/ul	98
72) Anthracene	17.60	178	18264m	2.46	ng/ul	
75) Carbazole	17.87	167	17185	2.75	ng/ul	99
77) Fluoranthene	19.52	202	149402	17.43	ng/ul	97
80) Pyrene	19.88	202	101275	9.21	ng/ul	98
83) Benzo(a)anthracene	21.72	228	24140	2.28	ng/ul	99
85) Chrysene	21.79	228	20527	2.06	ng/ul	95

U.N 12/19/15

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