

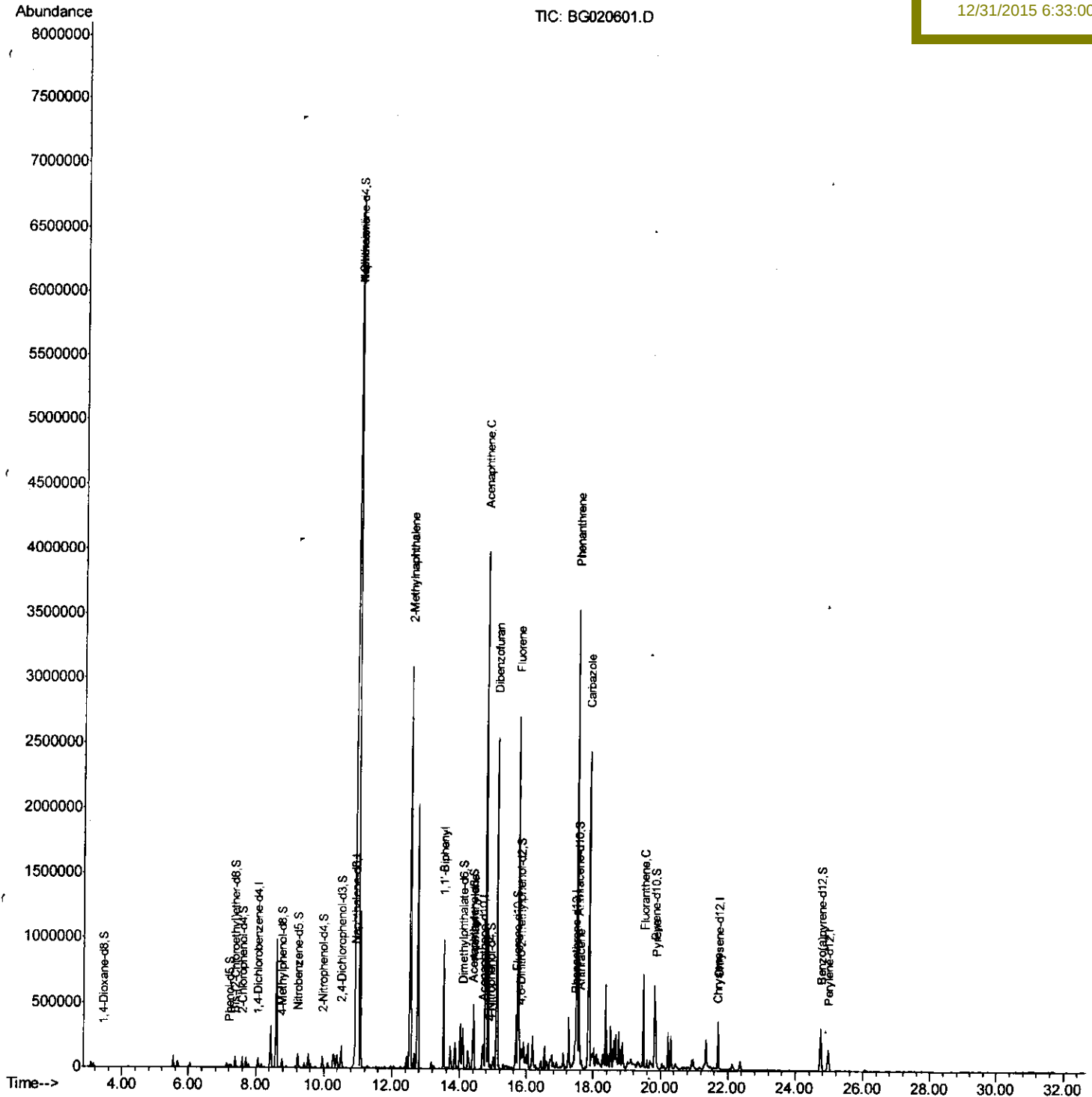
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020601.D
Acq On : 30 Dec 2015 10:04
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 14:05:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
Qlast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N49

Manual Integrations
APPROVED

Sohil
12/31/2015 6:33:00 PM



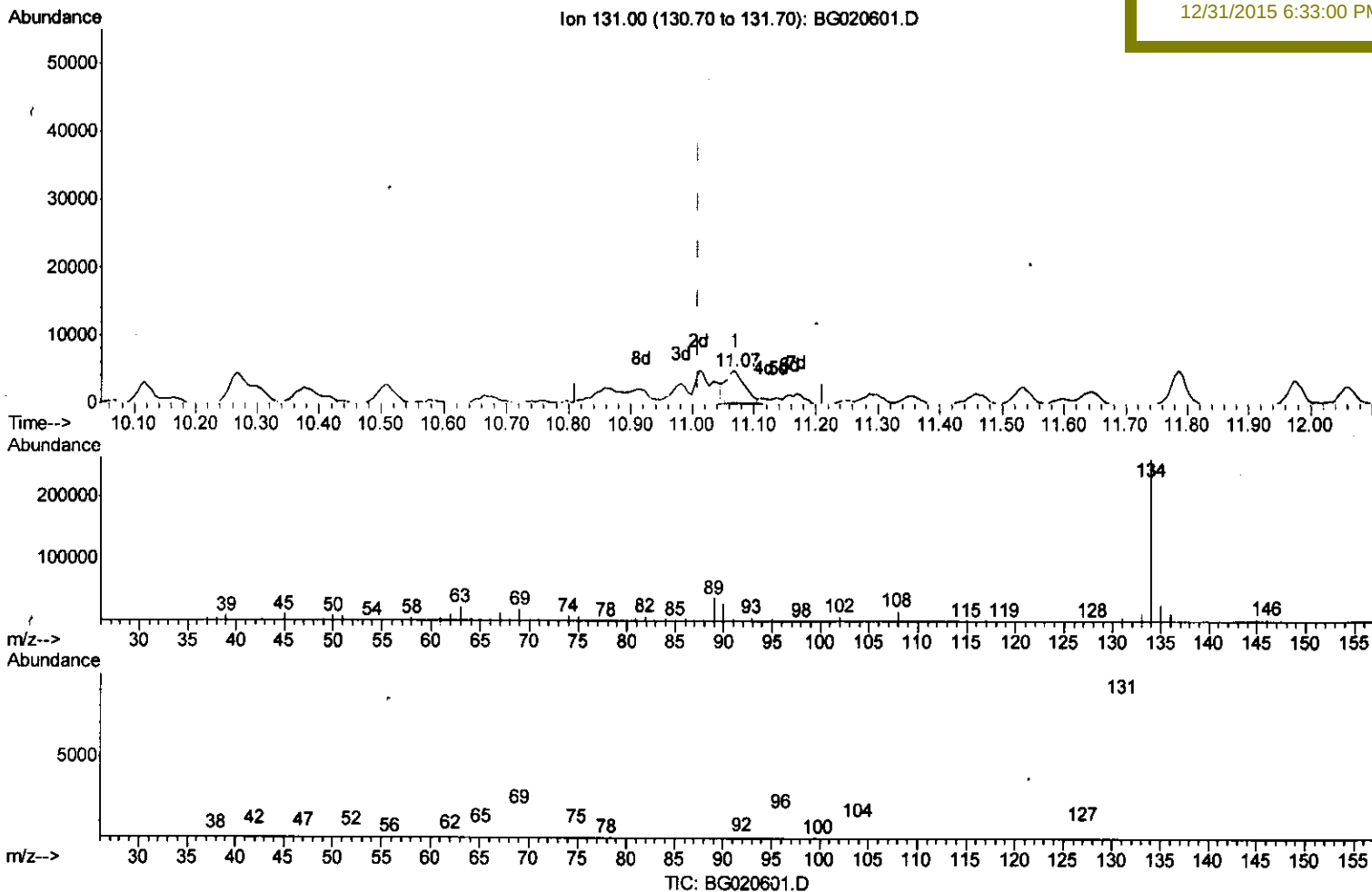
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020601.D
Acq On : 30 Dec 2015 10:04
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 13:27:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N49

Manual Integrations
APPROVED

Sohil
12/31/2015 6:33:00 PM



(29) 4-Chloroaniline-d4 (S)

11.069min (+0.058) 4.42ng/ul

response 9218

Ion	Exp%	Act%
131.00	100	100
133.00	33.90	259.55#
69.00	18.60	389.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

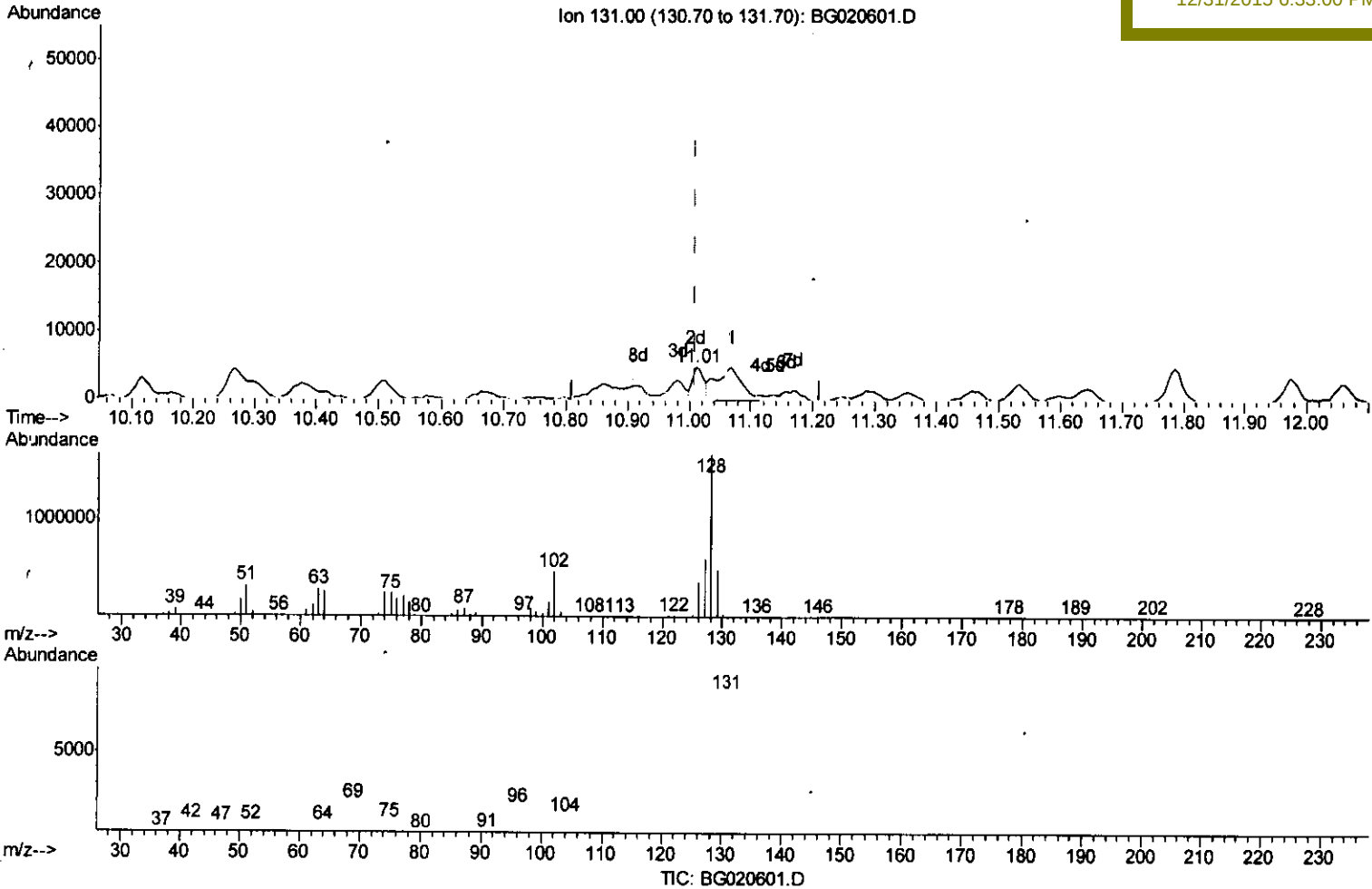
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
 Data File : BG020601.D
 Acq On : 30 Dec 2015 10:04
 Operator : UM/SJ
 Sample : G4846-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 13:27:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:33:00 PM



(29) 4-Chloroaniline-d4 (S)

11.010min (-0.001) 3.02ng/ul m

response 6290

Ion Exp% Act%

131.00 100 100

133.00 33.90 0.00#

69.00 18.60 0.00#

0.00 0.00 0.00

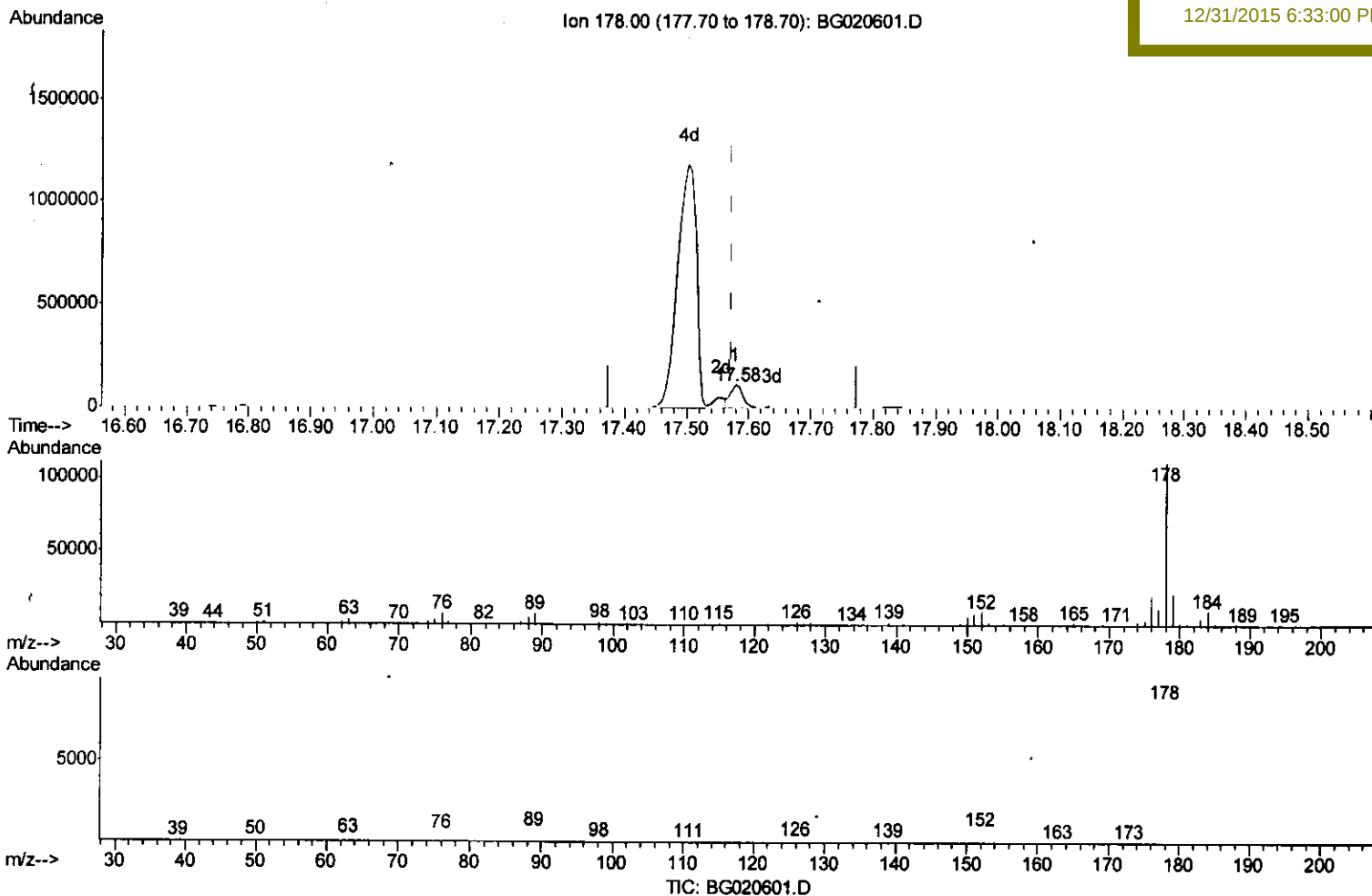
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020601.D
Acq On : 30 Dec 2015 10:04
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 13:27:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N49

Manual Integrations
APPROVED

Sohil
12/31/2015 6:33:00 PM



(72) Anthracene

17.579min (+0.005) 16.99ng/ul

response 158732

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	19.00
176.00	19.20	17.72
0.00	0.00	0.00

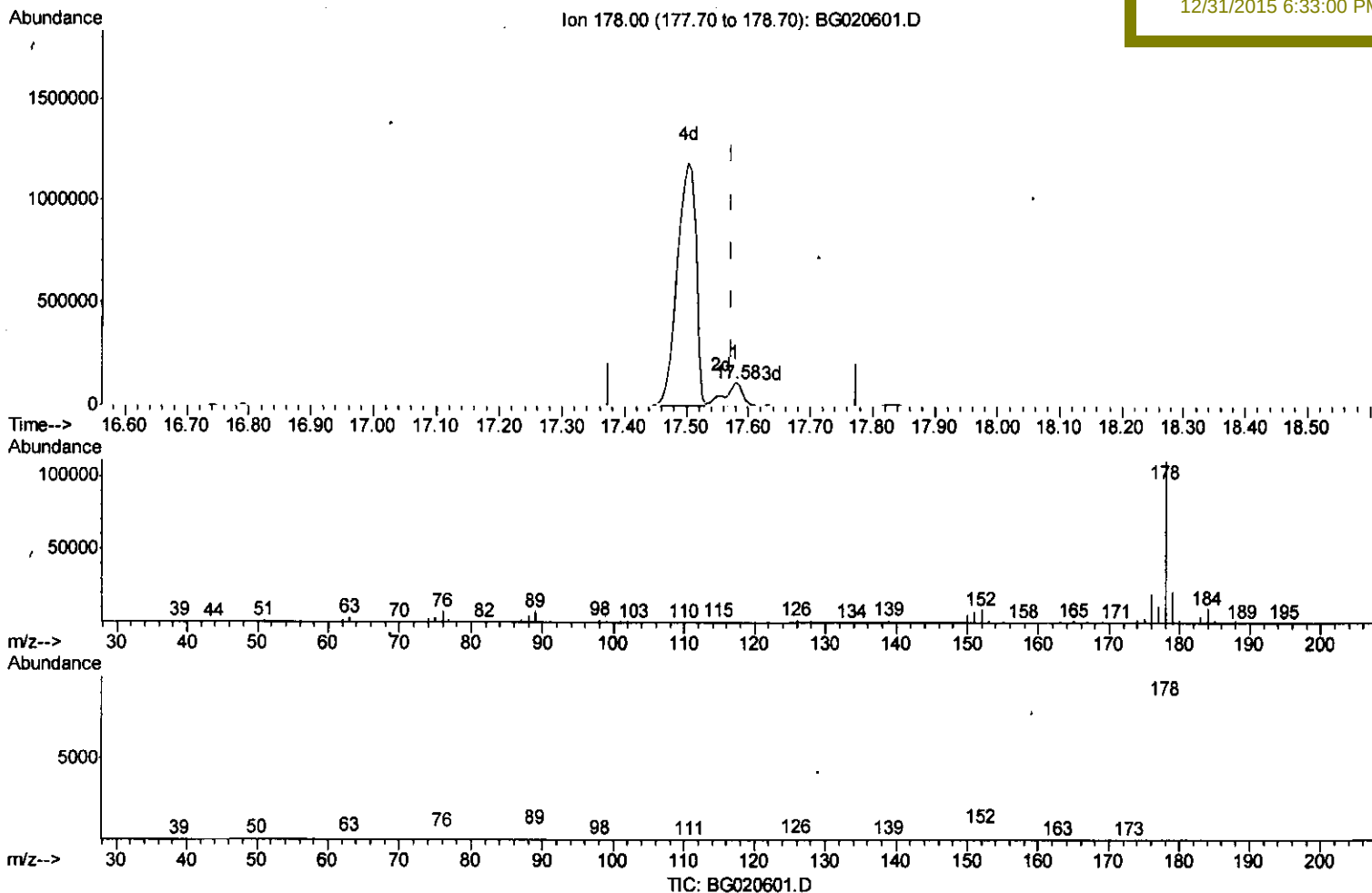
Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
Data File : BG020601.D
Acq On : 30 Dec 2015 10:04
Operator : UM/SJ
Sample : G4846-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 13:27:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 08:00:55 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N49

Manual Integrations
APPROVED

Sohil
12/31/2015 6:33:00 PM



(72) Anthracene

17.579min (+0.005) 24.29ng/ul m U.M

response 226986

111116

Ion	Exp%	Act%
178.00	100	100
179.00	16.80	19.00
176.00	19.20	17.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG123015\
 Data File : BG020601.D
 Acq On : 30 Dec 2015 10:04
 Operator : UM/SJ
 Sample : G4846-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 30 14:05:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 08:00:55 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N49

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:33:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23522	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	103031	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.70	164	73306	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	168030	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	201348	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	195415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	394	1.00	ng/uL	0.00
5) Phenol-d5	7.22	99	14018	7.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	41050	34.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	42508	27.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	29264	17.17	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	29556	37.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	34430	37.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	57366	32.69	ng/ul	0.02
29) 4-Chloroaniline-d4	11.01	131	6290m	3.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	206710	34.46	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	240456	35.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6009	6.39	ng/ul	0.00
58) Fluorene-d10	15.69	176	191964	35.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	34843	34.19	ng/ul	0.00
71) Anthracene-d10	17.55	188	284782	36.38	ng/ul	0.01
79) Pyrene-d10	19.82	212	333540	36.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	382389	39.22	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.01	128	8545740	1566.23	ng/ul#	47
34) 2-Methylnaphthalene	12.55	142	1648363	403.74	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	531767	96.41	ng/ul	99
48) Acenaphthylene	14.42	152	310324	42.76	ng/ul	98
50) Acenaphthene	14.78	153	2013374	409.95	ng/ul	93
54) Dibenzofuran	15.11	168	1662886	224.04	ng/ul	90
59) Fluorene	15.76	166	1371097	229.66	ng/ul#	97
70) Phenanthrene	17.50	178	2451203	268.33	ng/ul#	82
72) Anthracene	17.58	178	226986m	24.29	ng/ul	
75) Carbazole	17.87	167	1913096	242.63	ng/ul#	88
77) Fluoranthene	19.49	202	491032	43.99	ng/ul	99
80) Pyrene	19.85	202	287643	24.66	ng/ul	99
85) Chrysene	21.69	228	11476	1.03	ng/ul	96

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