

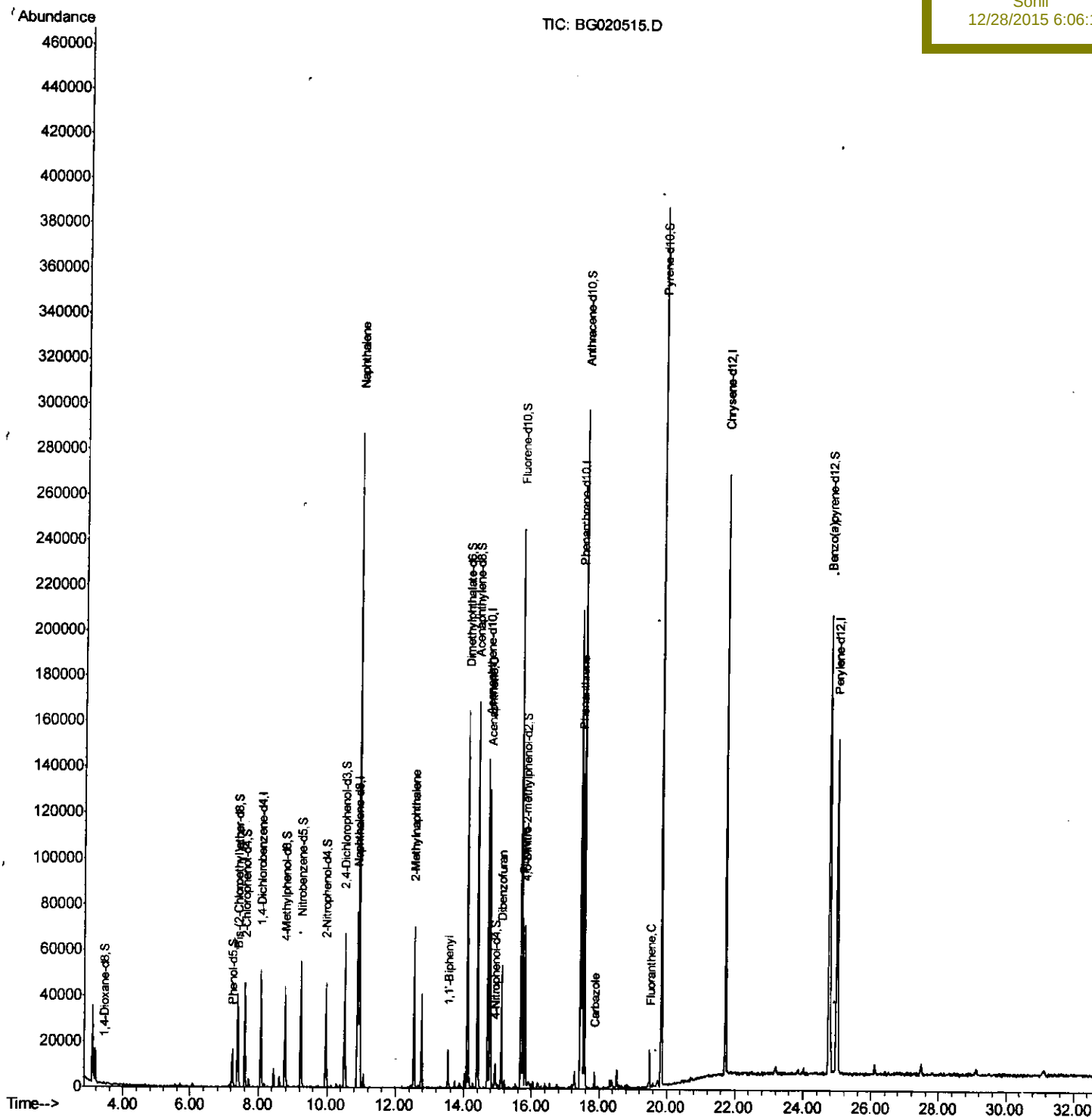
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020515.D
Acq On : 25 Dec 2015 22:25
Operator : UM/SJ
Sample : G4847-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 03:09:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N69

Manual Integrations
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Quantitation Report (Qedit)

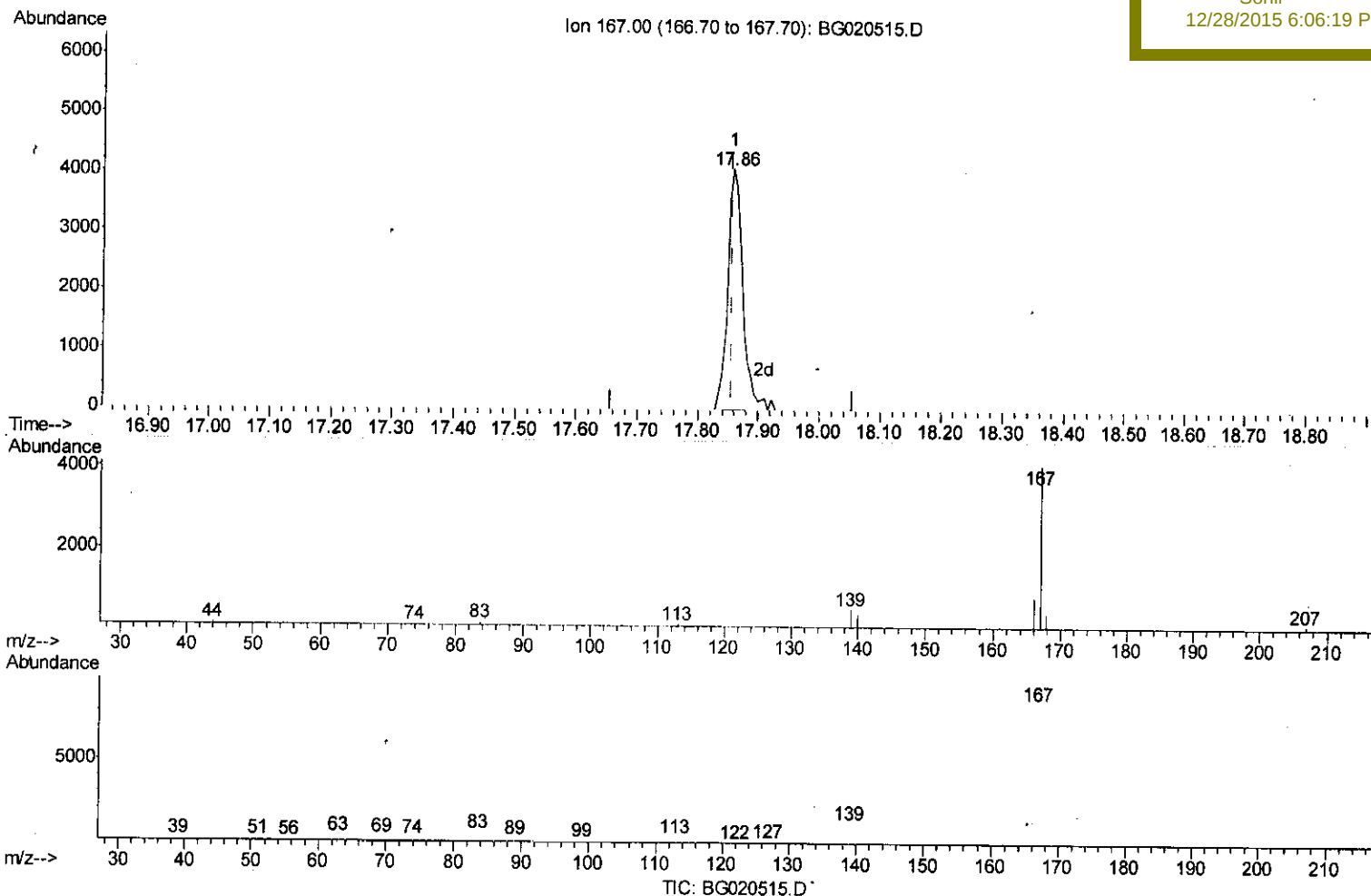
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 .22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 D9N69

Manual Integrations
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Quant Time: Dec 26 03:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration



(75) Carbazole

17.858min (+0.001) 1.06ng/ul m

response 6978

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	21.80
139.00	12.60	14.08
0.00	0.00	0.00

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Quantitation Report (Qedit)

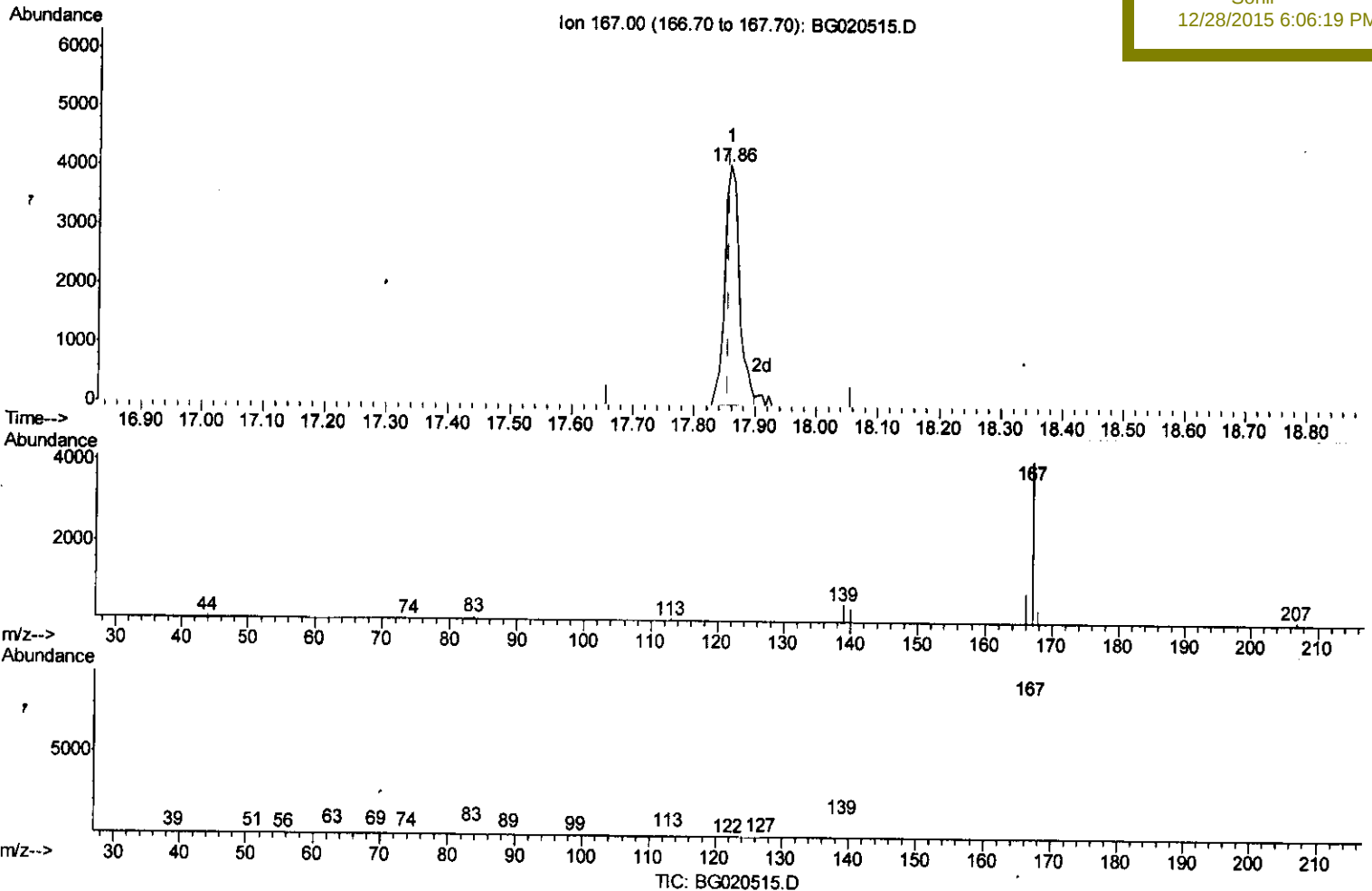
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 03:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Manual Integrations
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Sohil
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(75) Carbazole

17.858min (+0.001) 1.04ng/ui

response 6849

Ion	Exp%	Act%
167.00	100	100
166.00	21.30	21.80
139.00	12.60	14.08
0.00	0.00	0.00

Quantitation Report (Qedit)

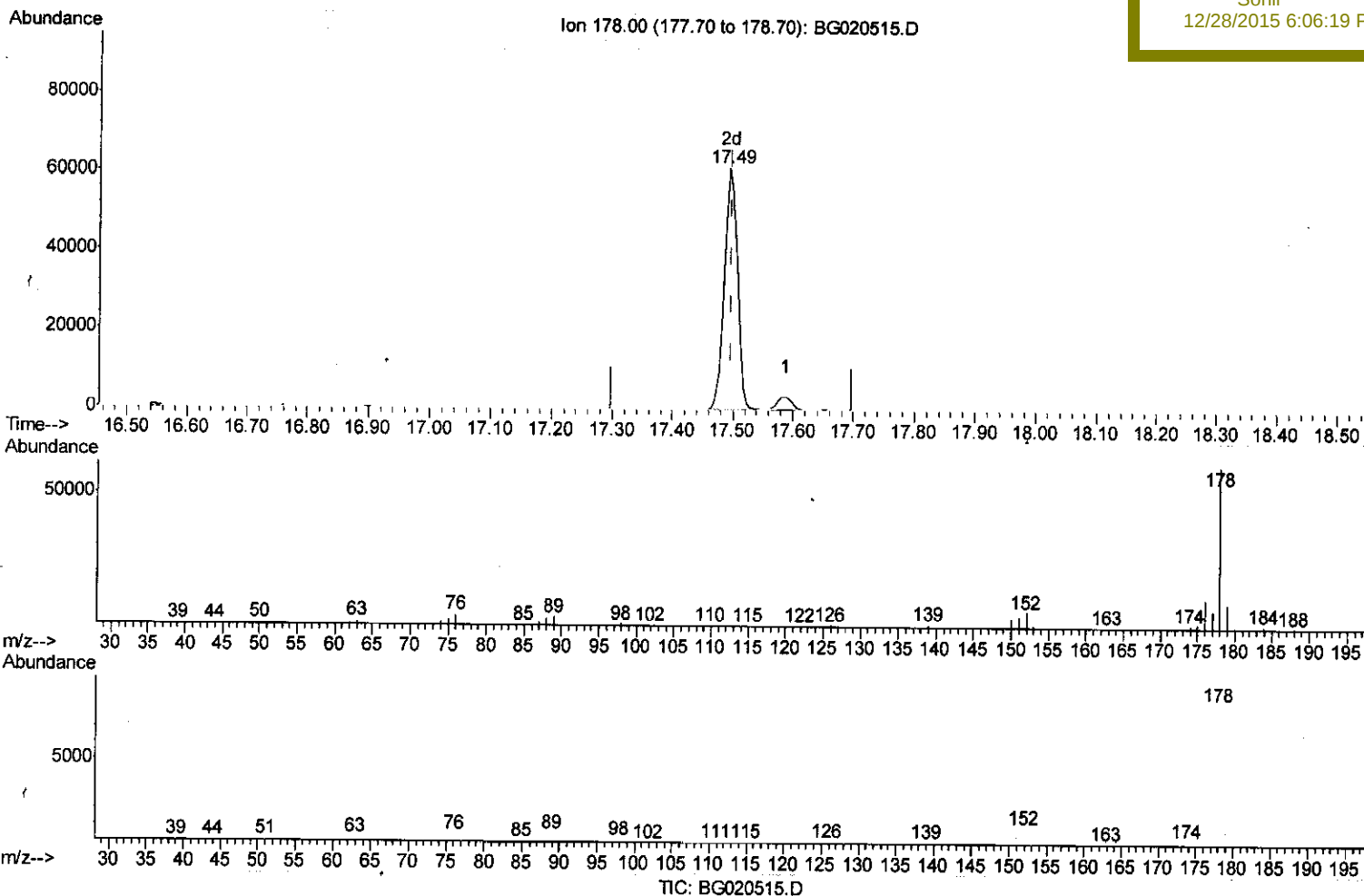
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 03:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
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Instrument :
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 ClientSampleId :
 D9N69

Manual Integrations
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(70) Phenanthrene

17.493min (-0.005) 12.15ng/ul m

response 92762

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.57
176.00	19.10	17.95
0.00	0.00	0.00

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Quantitation Report (Qedit)

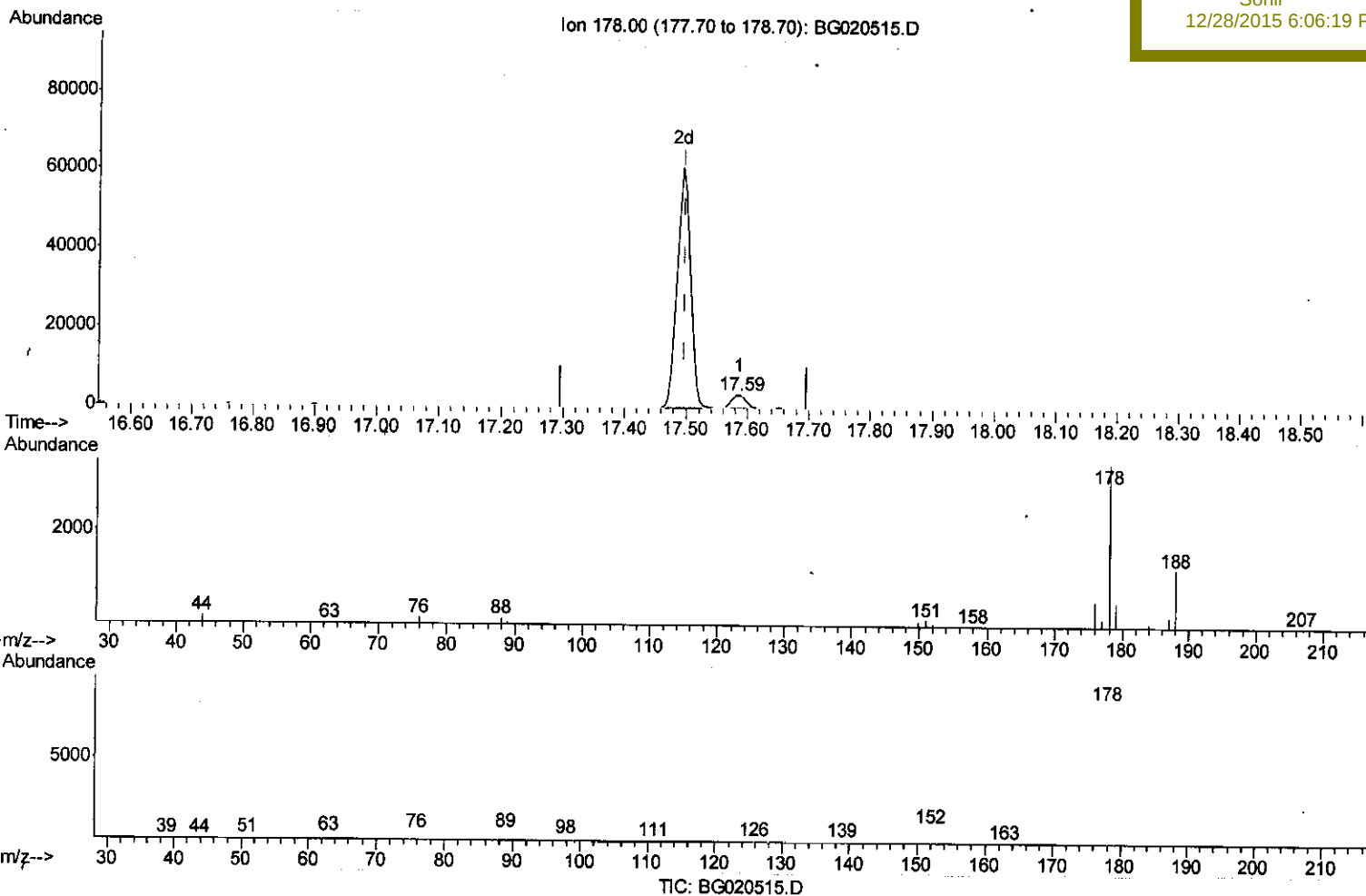
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Quant Time: Dec 26 03:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
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(70) Phenanthrene

17.587min (+0.089) 0.73ng/ul

response 5538

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	18.87
176.00	19.10	19.28
0.00	0.00	0.00

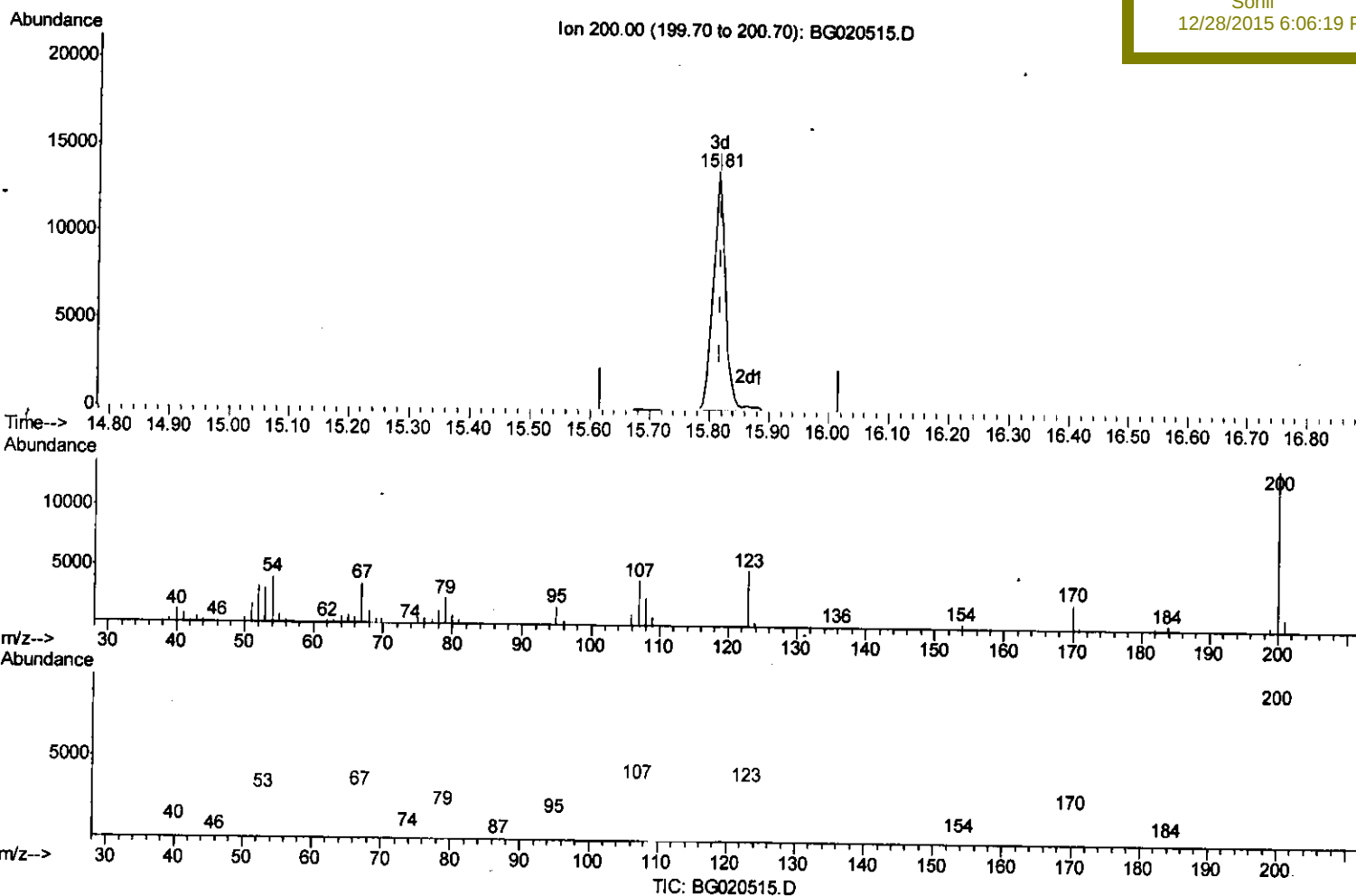
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020515.D
Acq On : 25 Dec 2015 22:25
Operator : UM/SJ
Sample : G4847-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 03:08:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 26 02:12:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N69

Manual Integrations
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.813min (-0.005) 21.59ng/ul m

response 19633

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	16.99
52.00	37.90	23.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

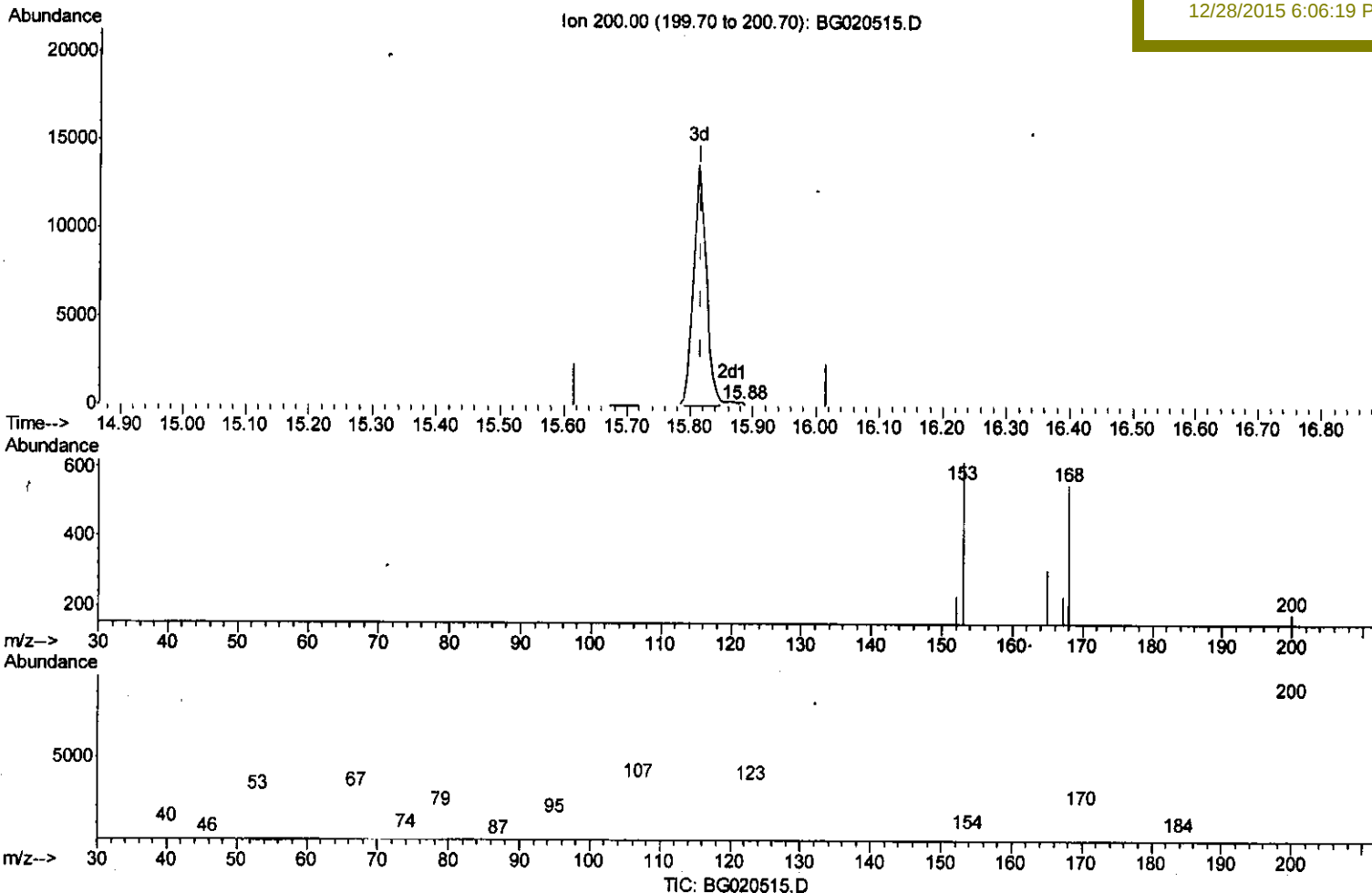
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 03:08:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Manual Integrations
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.883min (+0.066) 0.07ng/ul

response 65

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	0.00#
52.00	37.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

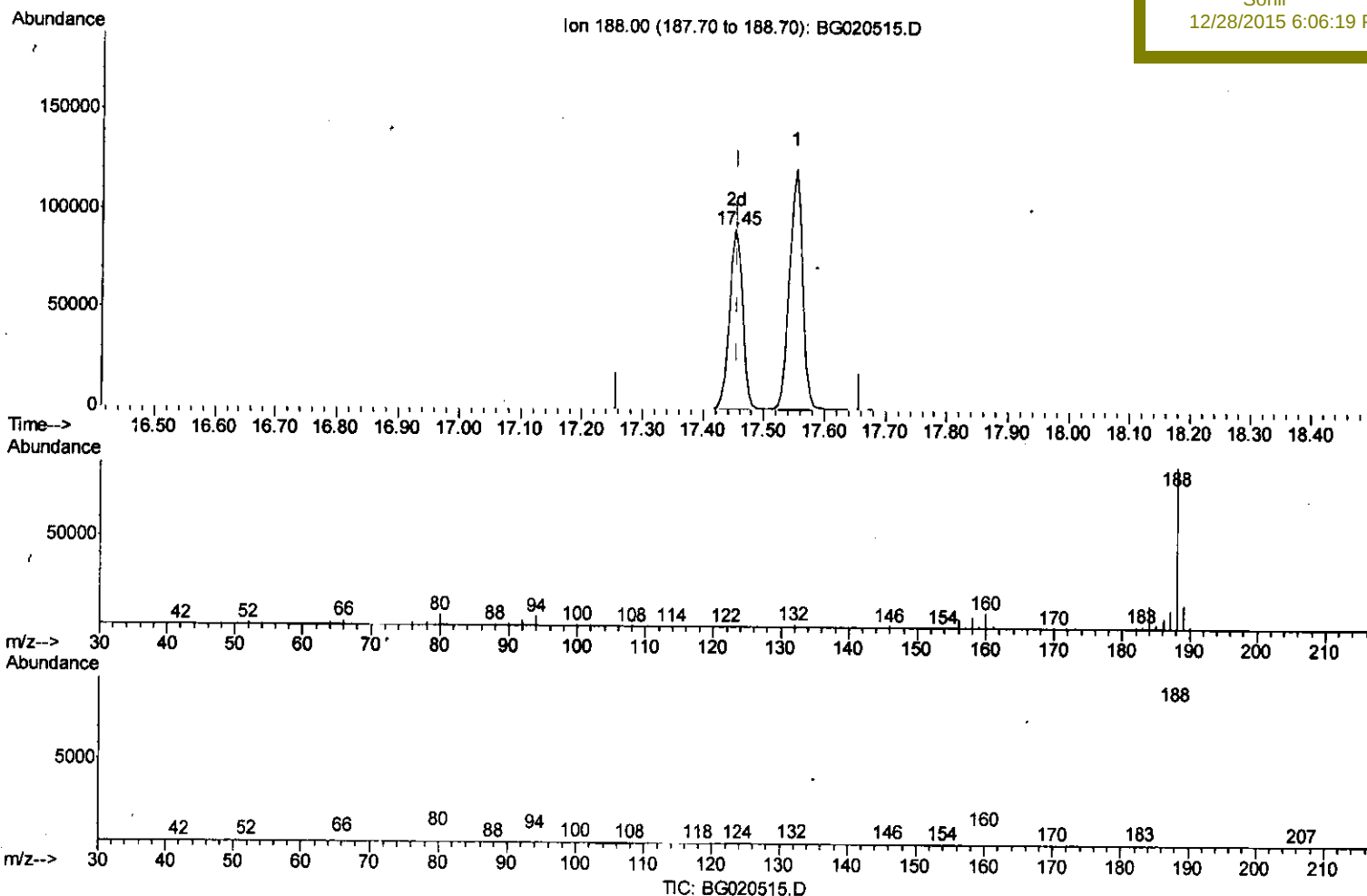
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 02:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.452min (-0.005) 20.00ng/ul m

response 137186

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.07
80.00	8.90	6.90#
0.00	0.00	0.00

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Quantitation Report (Qedit)

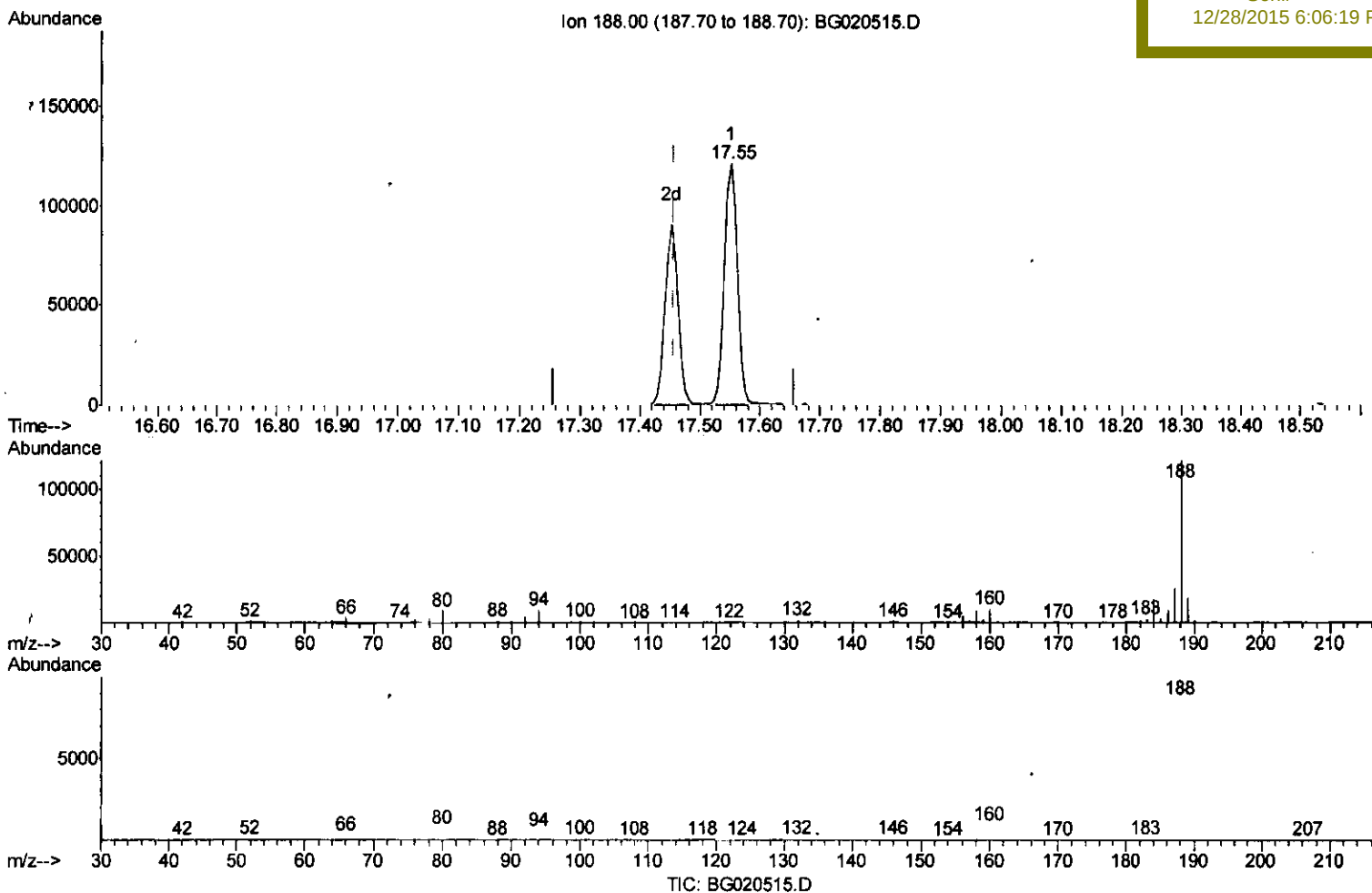
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 02:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.552min (+0.095) 20.00ng/ul

response 182554

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	7.71
80.00	8.90	7.53
0.00	0.00	0.00

Quantitation Report (Qedit)

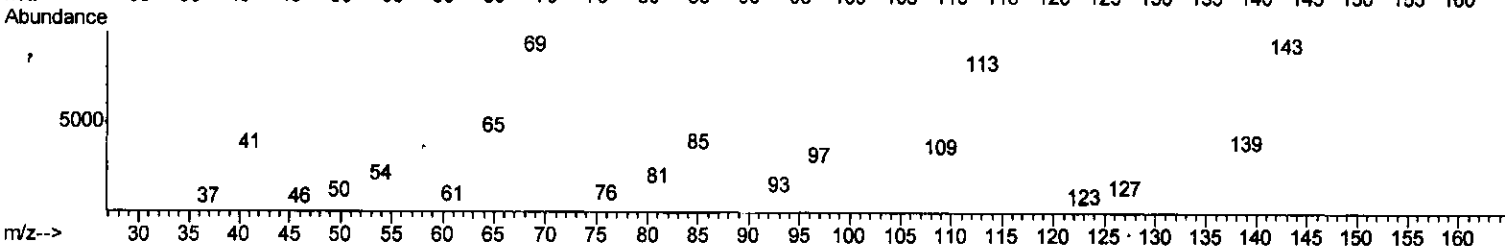
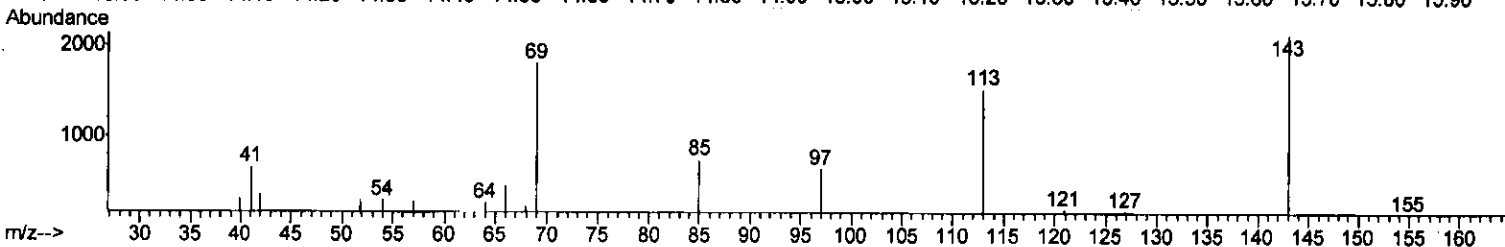
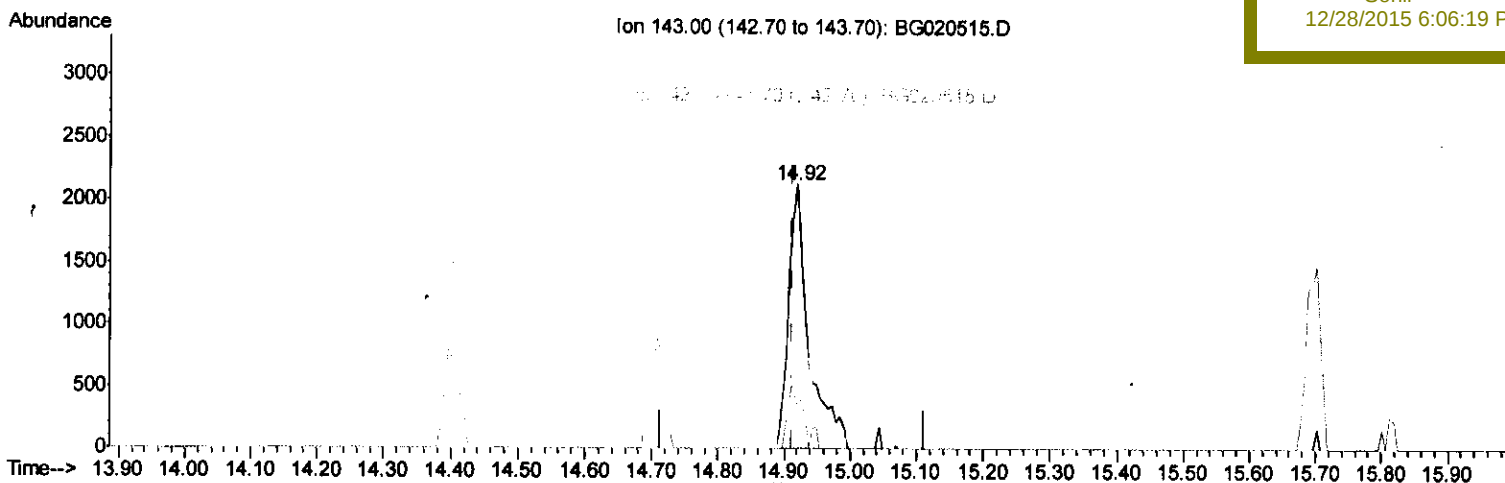
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 02:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Manual Integrations
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TIC: BG020515.D

(52) 4-Nitrophenol-d4 (S)

14.920min (+0.007) 6.60ng/ul m

response 4587

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	71.84
41.00	38.30	30.82
42.00	23.40	16.51#

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Quantitation Report (Qedit)

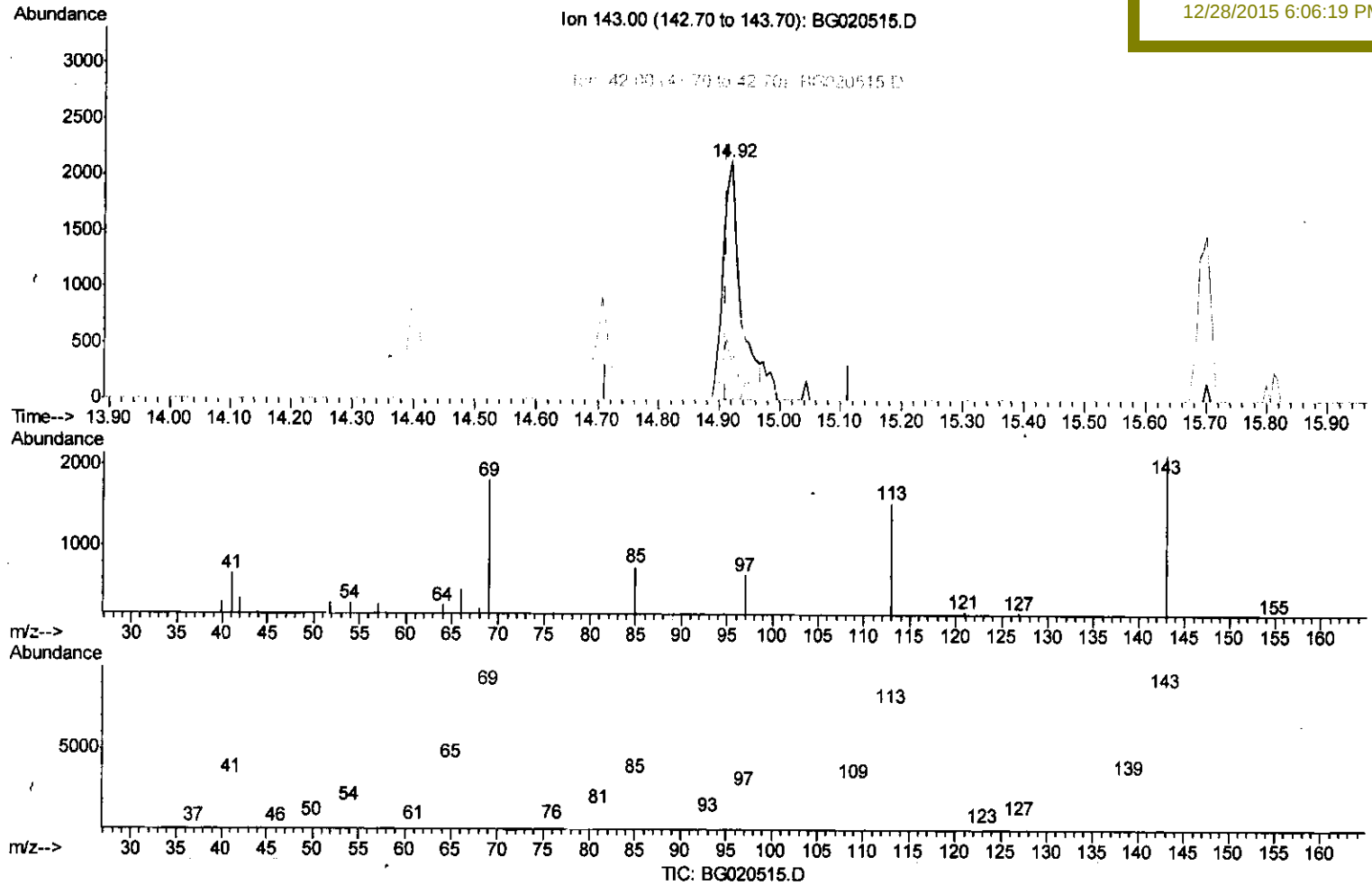
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Quant Time: Dec 26 02:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sample ID :
 D9N69

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.920min (+0.007) 6.12ng/ul

response 4251

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	71.84
41.00	38.30	30.82
42.00	23.40	16.51#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020515.D
 Acq On : 25 Dec 2015 22:25
 Operator : UM/SJ
 Sample : G4847-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N69

Quant Time: Dec 26 03:09:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	15847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	68614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	50557	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	137186m	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	173354	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	165116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	557	1.94	ng/uL	0.00
5) Phenol-d5	7.23	99	11453	9.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	20174	26.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	23170	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	19390	18.12	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	14100	26.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	16199	26.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	29019	24.52	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	119063	28.57	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	128518	26.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4587m	6.60	ng/ul	0.00
58) Fluorene-d10	15.70	176	107030	28.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	19633m	21.59	ng/ul	0.00
71) Anthracene-d10	17.55	188	182673	28.43	ng/ul	0.00
79) Pyrene-d10	19.83	212	226603	30.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	239059	28.64	ng/ul	0.00
Target Compounds						
28) Naphthalene	10.94	128	246972	67.71	ng/ul	98
34) 2-Methylnaphthalene	12.54	142	33642	12.47	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	11648	2.99	ng/ul	93
50) Acenaphthene	14.77	153	56303	16.41	ng/ul	98
54) Dibenzofuran	15.11	168	39606	7.76	ng/ul	95
59) Fluorene	15.75	166	34994	8.46	ng/ul	100
70) Phenanthrene	17.49	178	92762m	12.15	ng/ul	
75) Carbazole	17.86	167	6978m	1.06	ng/ul	
77) Fluoranthene	19.50	202	11663	1.22	ng/ul	99

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

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