

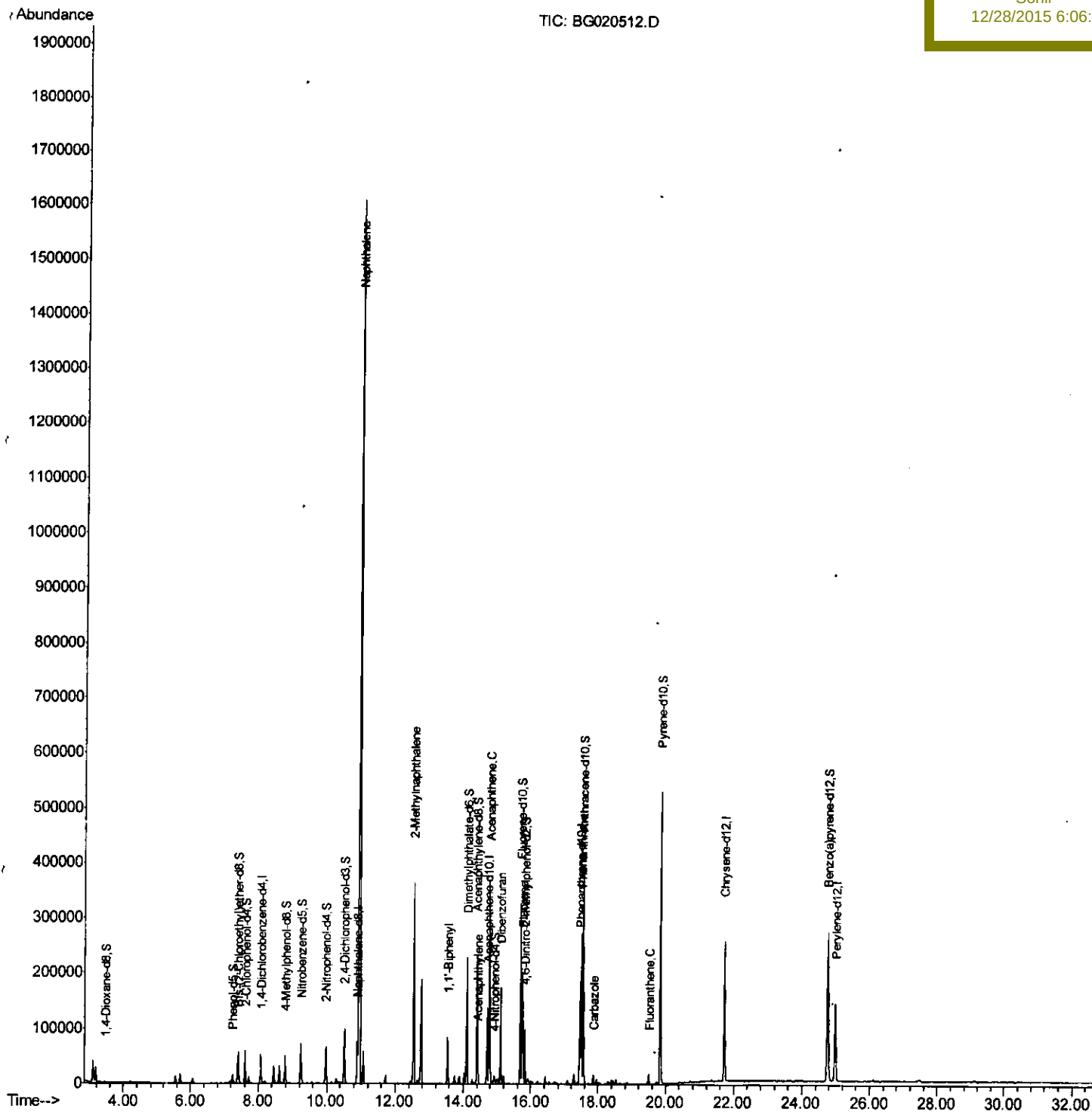
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:53:28 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
ClientSampled :
D9N68

Manual Integrations
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Quantitation Report (Qedit)

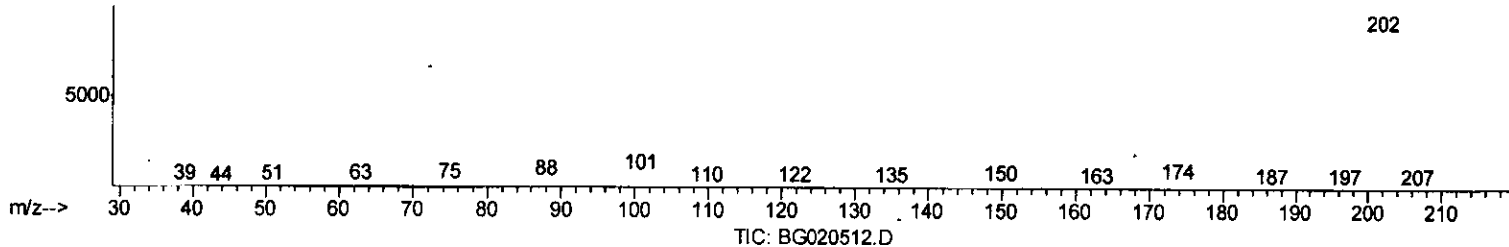
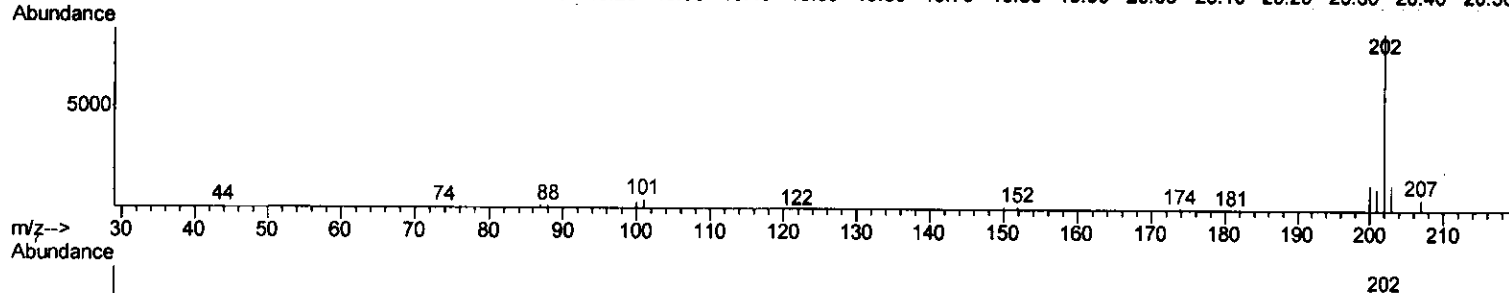
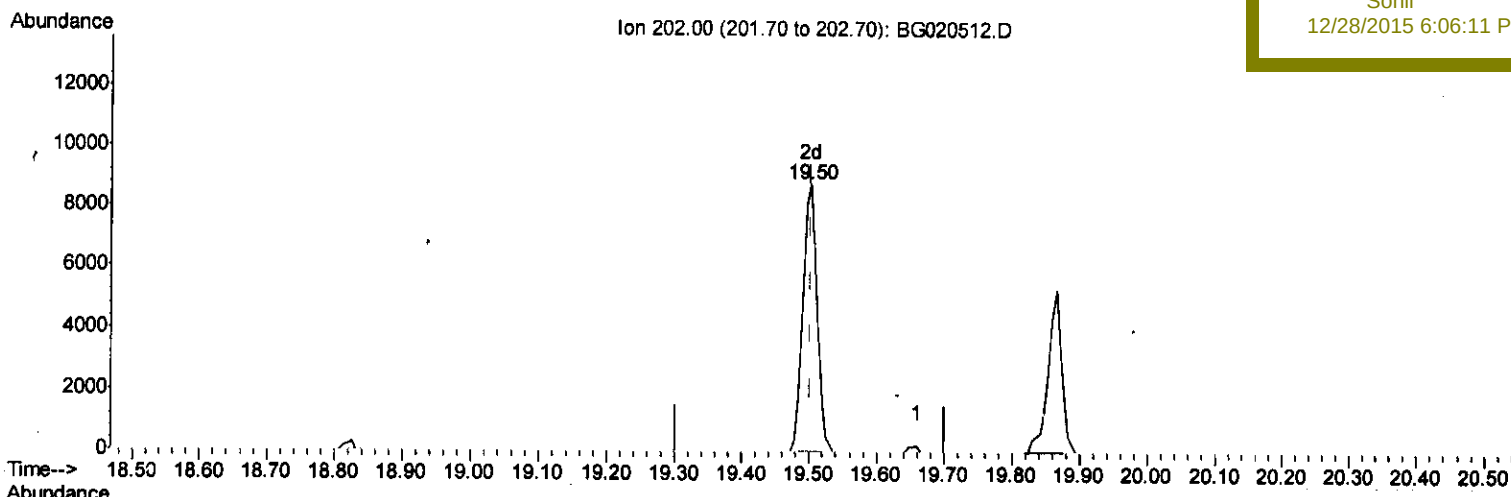
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N68

Quant Time: Dec 26 02:42:42 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

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(77) Fluoranthene (C)

19.501min (-0.001) 1.35ng/ul m

response 12864

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	6.78
100.00	6.40	4.94#
0.00	0.00	0.00

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Quantitation Report (Qedit)

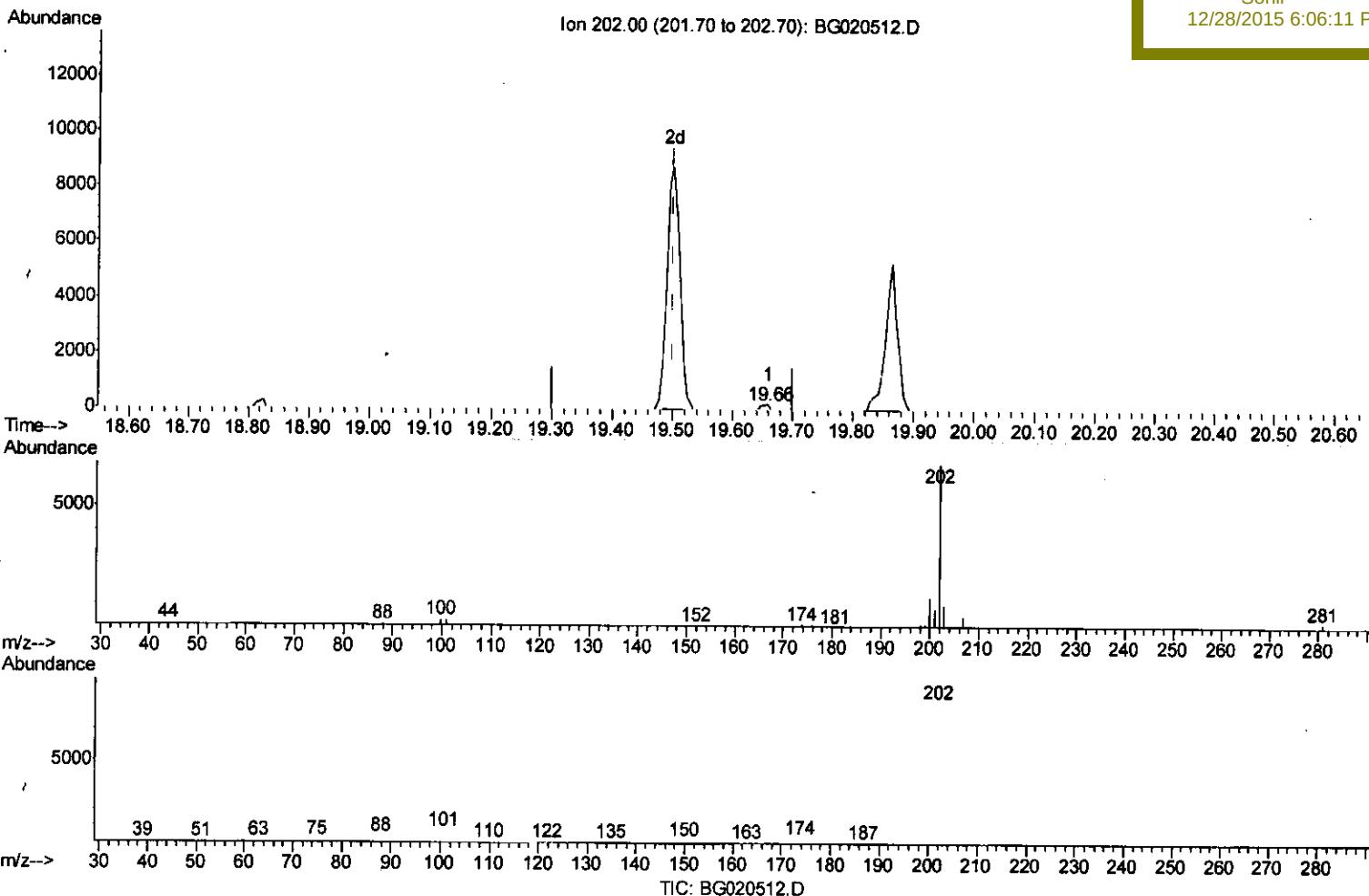
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:42:42 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 :
 D9N68

Manual Integrations
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(77) Fluoranthene (C)

19.660min (+0.158) 0.02ng/ul

response 180

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	0.00#
100.00	6.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

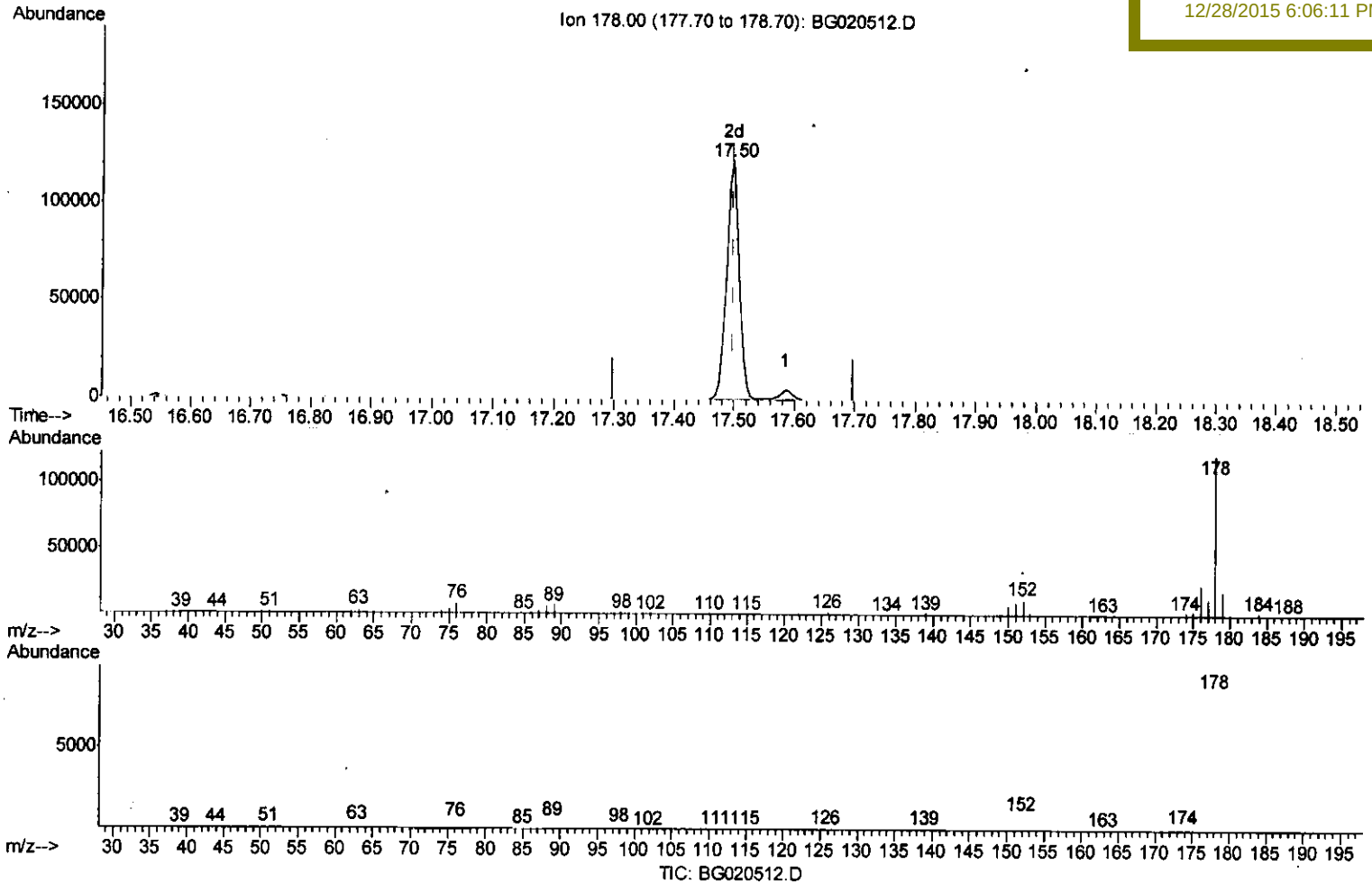
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:41:58 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 :
 D9N68

Manual Integrations
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(70) Phenanthrene

17.497min (-0.001) 23.91ng/ul m

response 180898

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	14.82
176.00	19.10	18.29
0.00	0.00	0.00

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 12/26/15

Quantitation Report (Qedit)

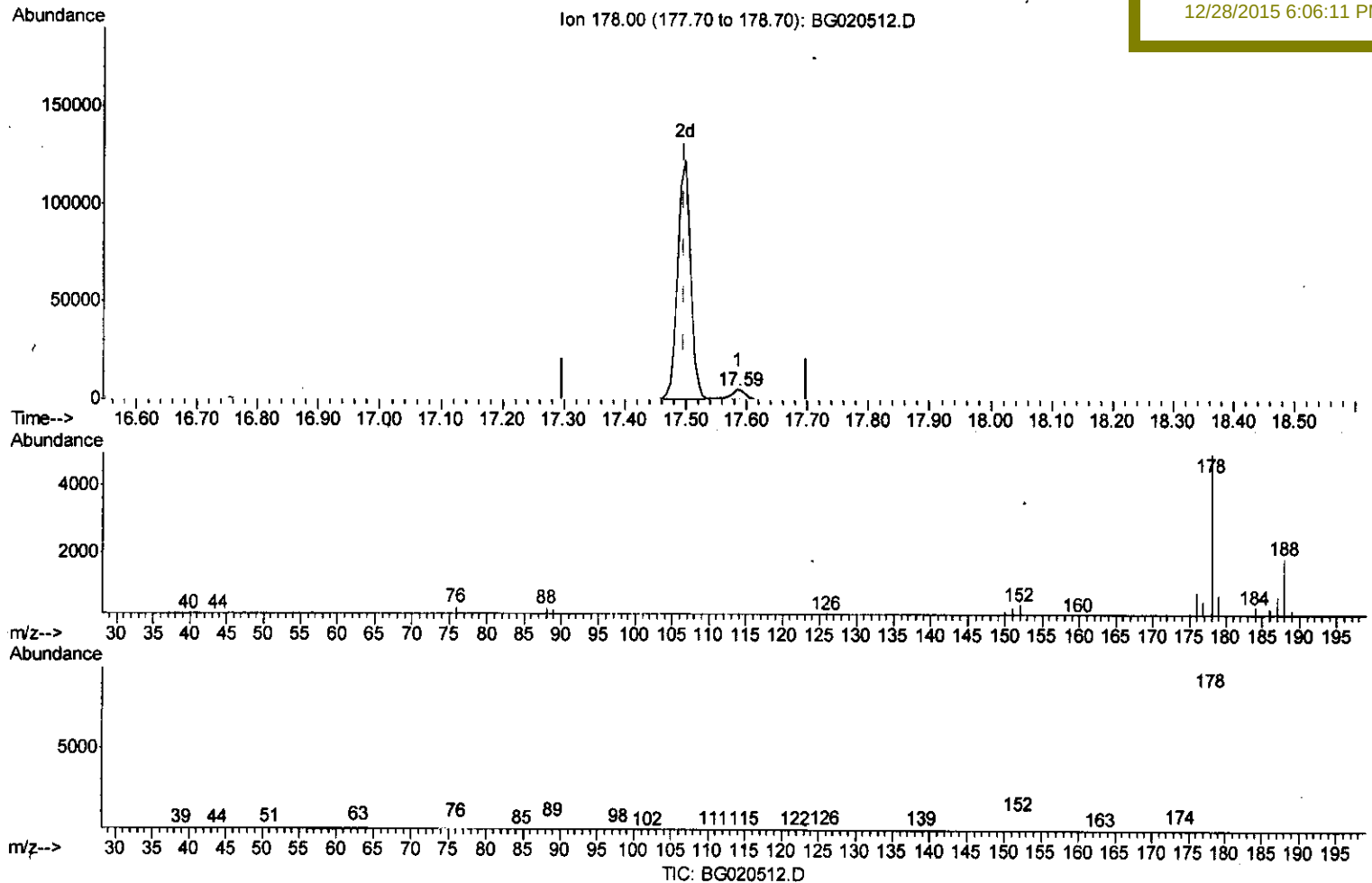
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:41:58 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 Sampled :
 D9N68

Manual Integrations
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(70) Phenanthrene

17.585min (+0.087) 1.01ng/ui

response 7667

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	14.75
176.00	19.10	16.26
0.00	0.00	0.00

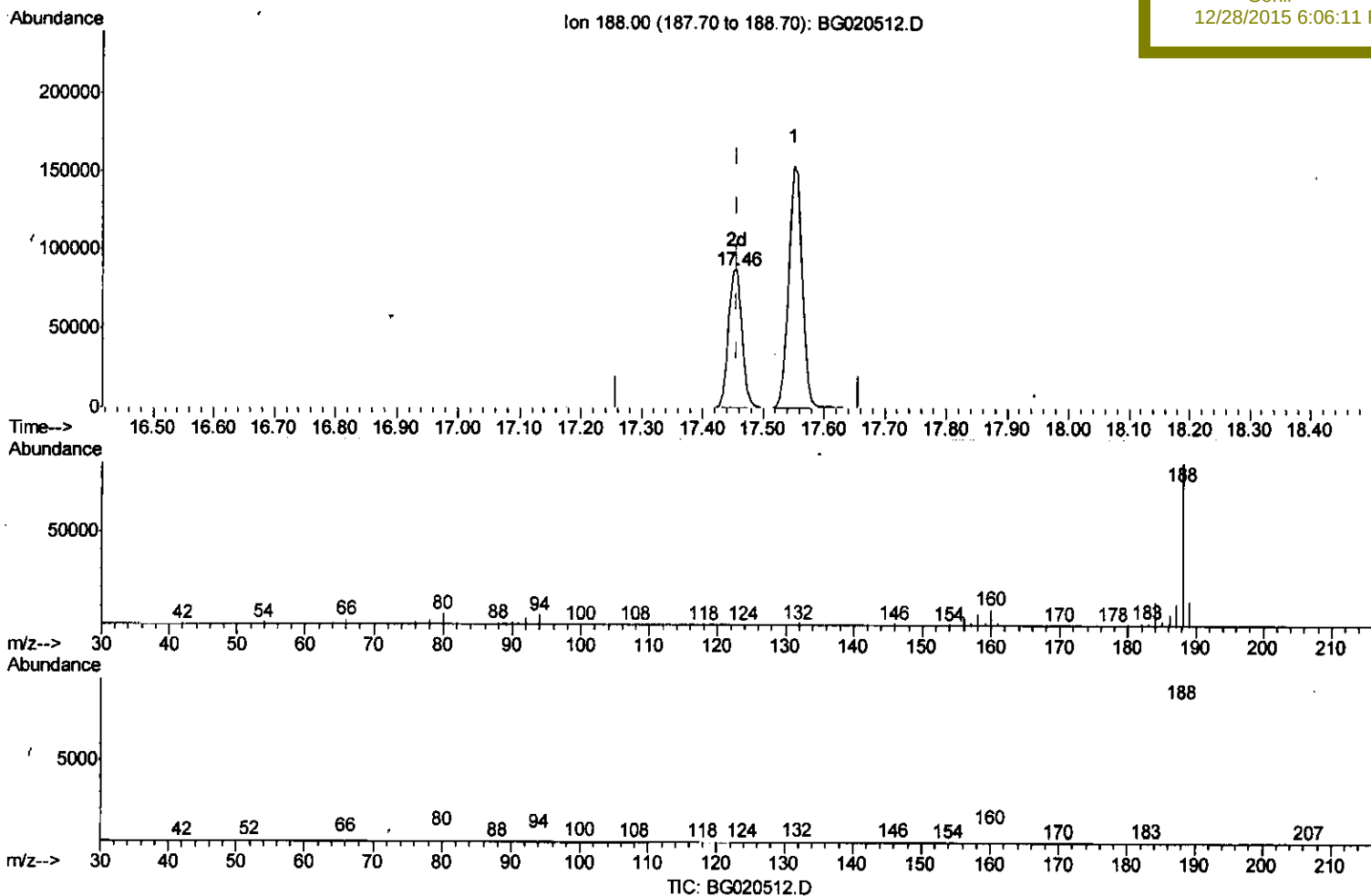
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:39:59 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 :
D9N68

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.456min (-0.001) 20.00ng/ul m

response 135986

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.12
80.00	8.90	6.88#
0.00	0.00	0.00

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Quantitation Report (Qedit)

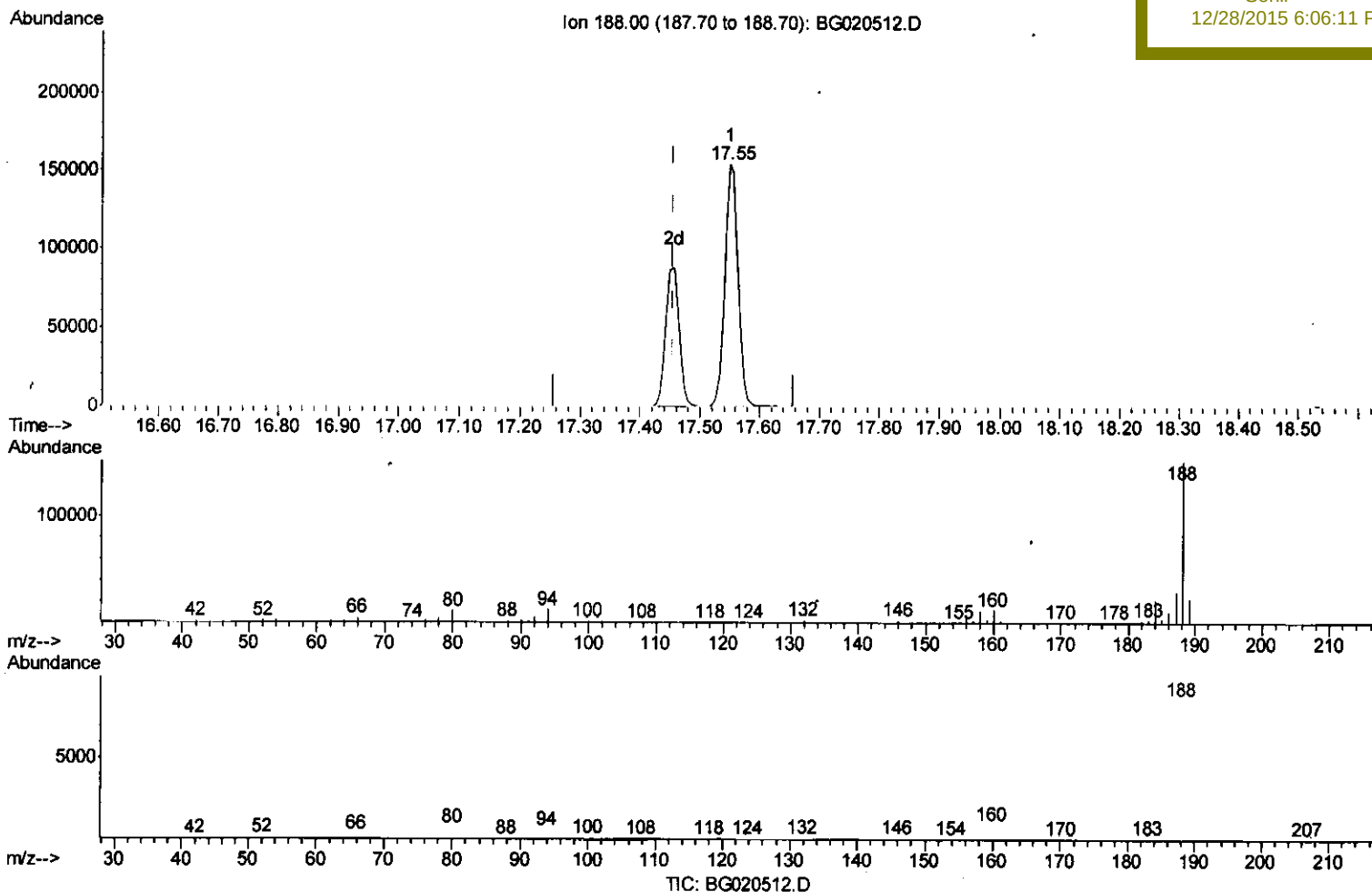
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:39:59 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 :
 D9N68

Manual Integrations
 APPROVED

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(62) Phenanthrene-d10 (I)

17.550min (+0.093) 20.00ng/ul

response 238717

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	8.17
80.00	8.90	7.32
0.00	0.00	0.00

Quantitation Report (Qedit)

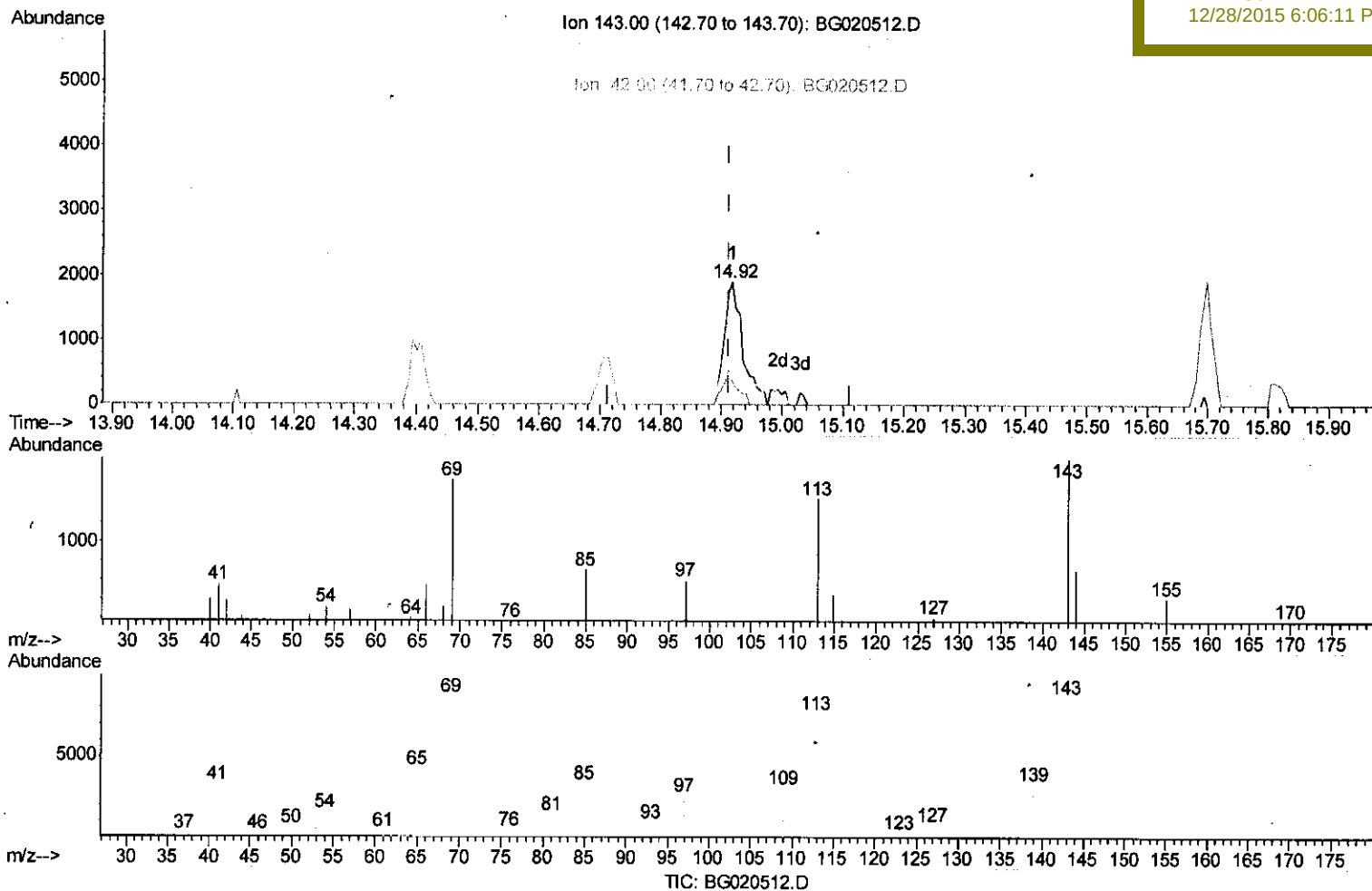
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:39:59 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 :
 D9N68

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

14.918min (+0.005) 5.72ng/ul m

response 4024

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	77.34
41.00	38.30	28.58#
42.00	23.40	19.86

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Quantitation Report (Qedit)

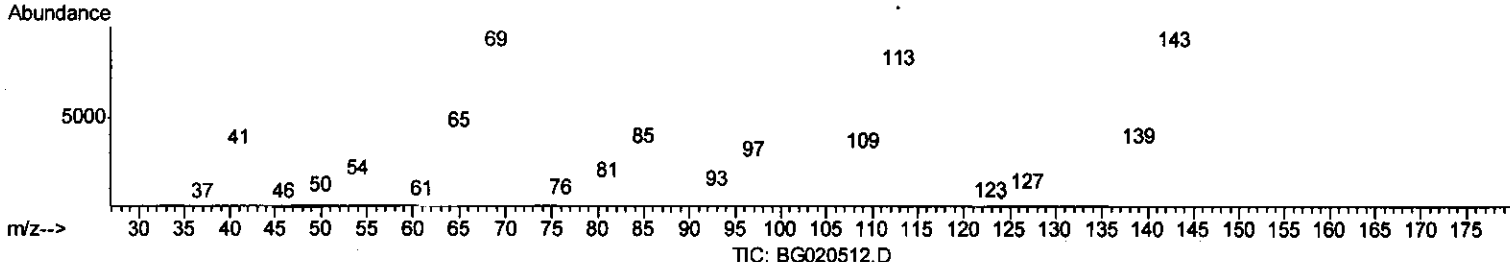
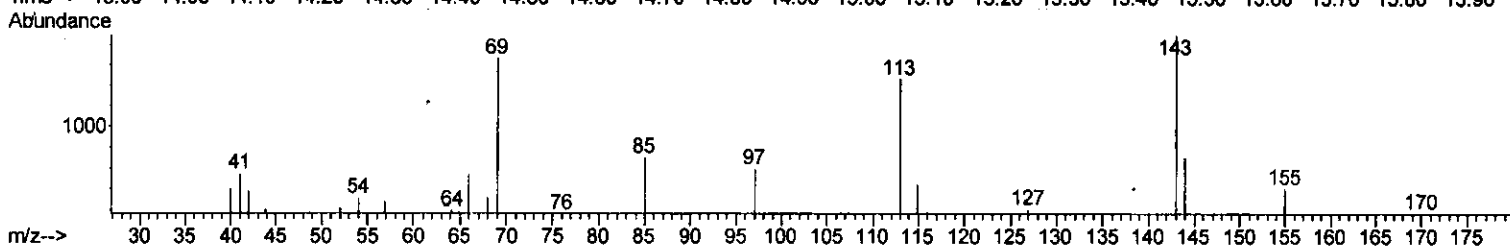
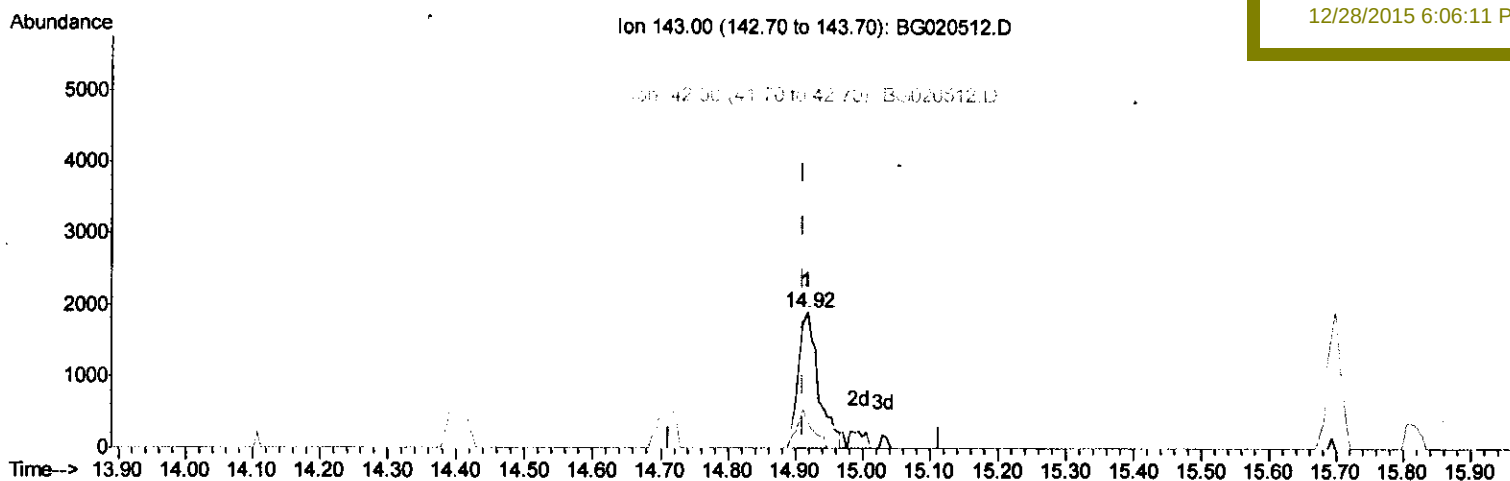
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020512.D
 Acq On : 25 Dec 2015 20:26
 Operator : UM/SJ
 Sample : G4847-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: Dec 26 02:39:59 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 :
 D9N68

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

14.918min (+0.005) 5.61ng/ul

response 3948

Ion	Exp%	Act%
143.00	100	100
113.00	89.00	77.34
41.00	38.30	28.58#
42.00	23.40	19.86

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
Data File : BG020512.D
Acq On : 25 Dec 2015 20:26
Operator : UM/SJ
Sample : G4847-02
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N68

Quant Time: Dec 26 02:53:28 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	8.08	152	16123	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	71308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	51208	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	135986m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	173745	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	163702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	421	1.44	ng/uL	0.00
5) Phenol-d5	7.24	99	10617	8.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	28989	37.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	29470	29.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	20636	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	20534	36.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	23190	36.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	40765	33.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	333	0.24	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	158663	37.59	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	180721	36.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4024m	5.72	ng/ul	0.00
58) Fluorene-d10	15.70	176	142671	37.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	26586	29.50	ng/ul	0.00
71) Anthracene-d10	17.55	188	238809	37.49	ng/ul	0.00
79) Pyrene-d10	19.84	212	288585	38.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	317582	38.37	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.96	128	1417508	373.95	ng/ul#	95
34) 2-Methylnaphthalene	12.54	142	172645	61.55	ng/ul	96
41) 1,1'-Biphenyl	13.54	154	45170	11.43	ng/ul	96
48) Acenaphthylene	14.44	152	14804	2.88	ng/ul	96
50) Acenaphthene	14.77	153	161095	46.36	ng/ul	99
54) Dibenzofuran	15.11	168	123611	23.91	ng/ul	99
59) Fluorene	15.75	166	98024	23.40	ng/ul	98
70) Phenanthrene	17.50	178	180898m	23.91	ng/ul	
75) Carbazole	17.86	167	14581	2.24	ng/ul	97
77) Fluoranthene	19.50	202	12864m	1.35	ng/ul	

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

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