

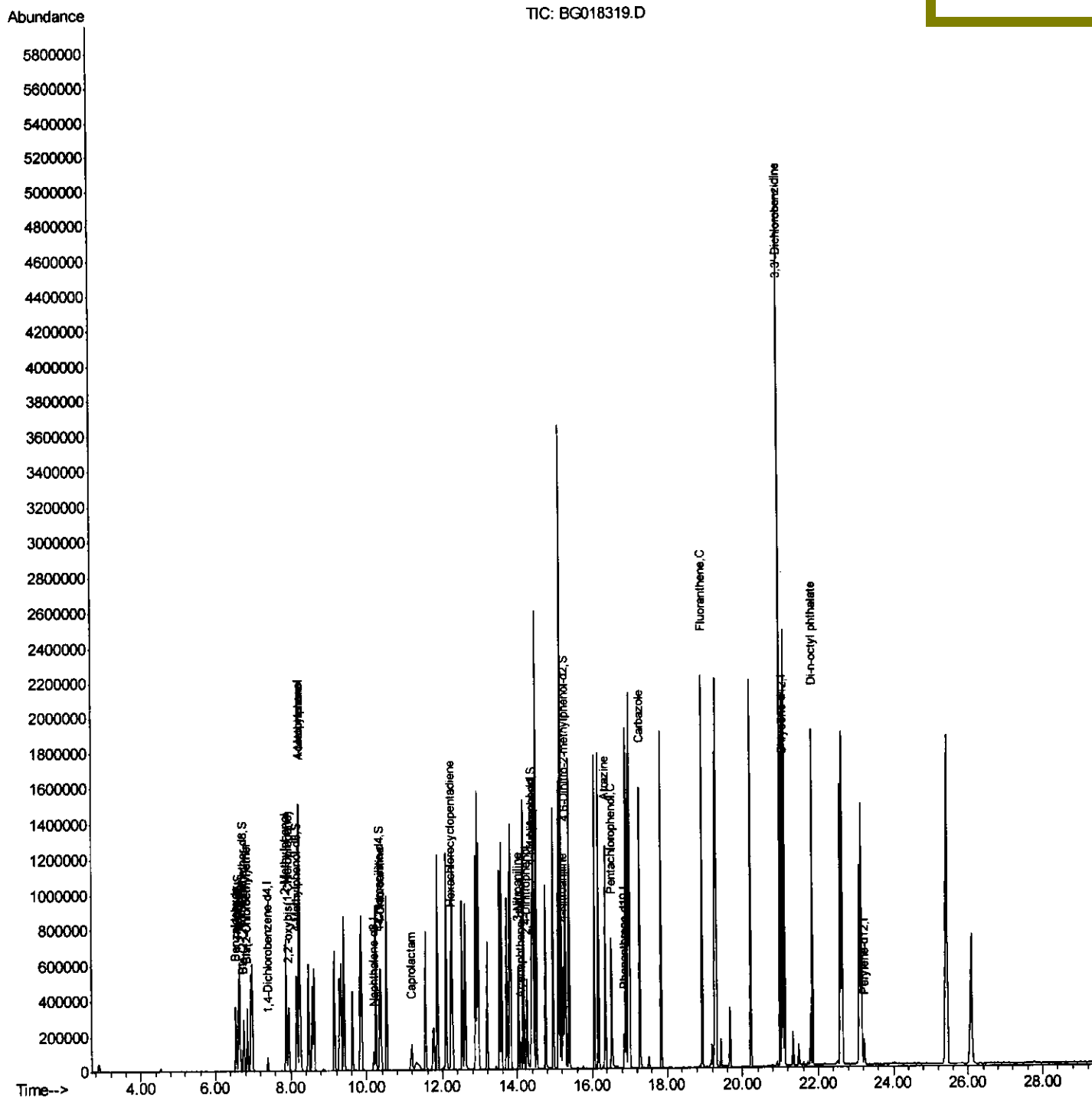
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD16077

Quant Time: Aug 10 06:45:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration

Manual Integrations APPROVED

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Quantitation Report (Qedit)

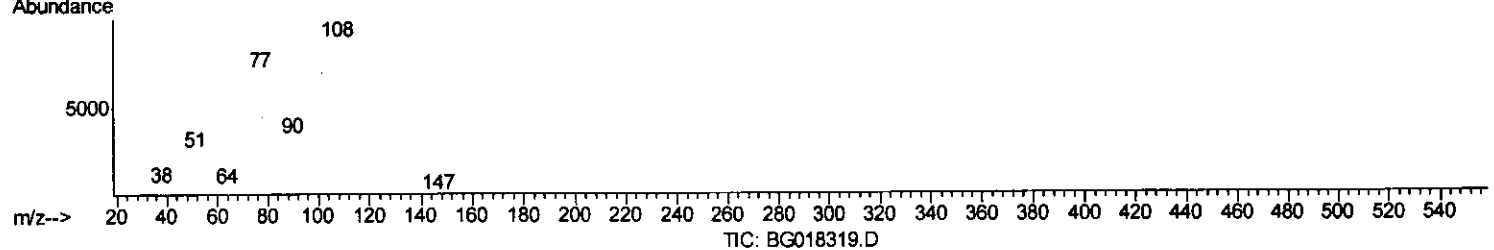
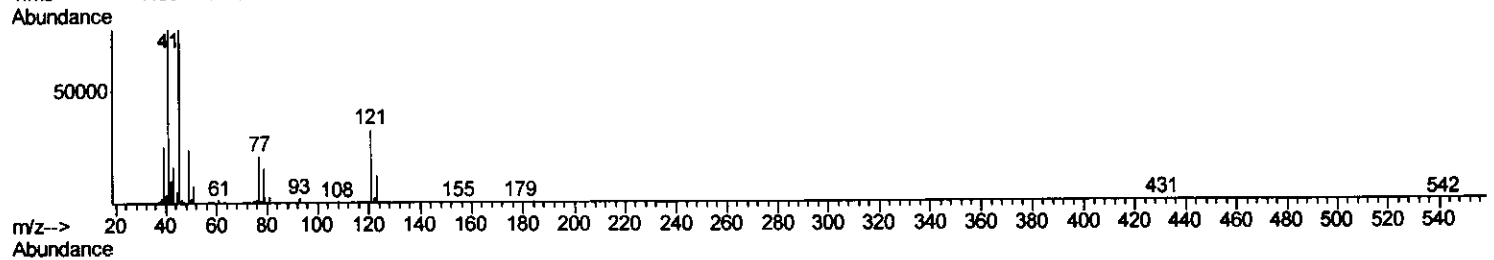
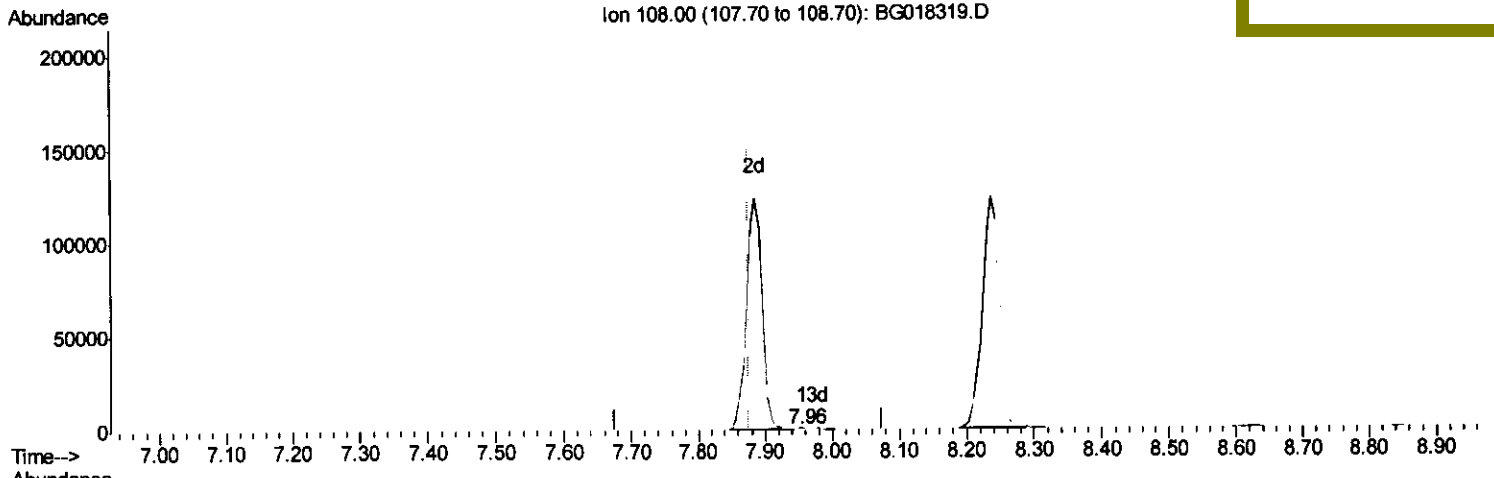
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(11) 2-Methylphenol

7.955min (+0.080) 0.39ng/ul

response 441

Ion	Exp%	Act%
108.00	100	100
107.00	74.40	61.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

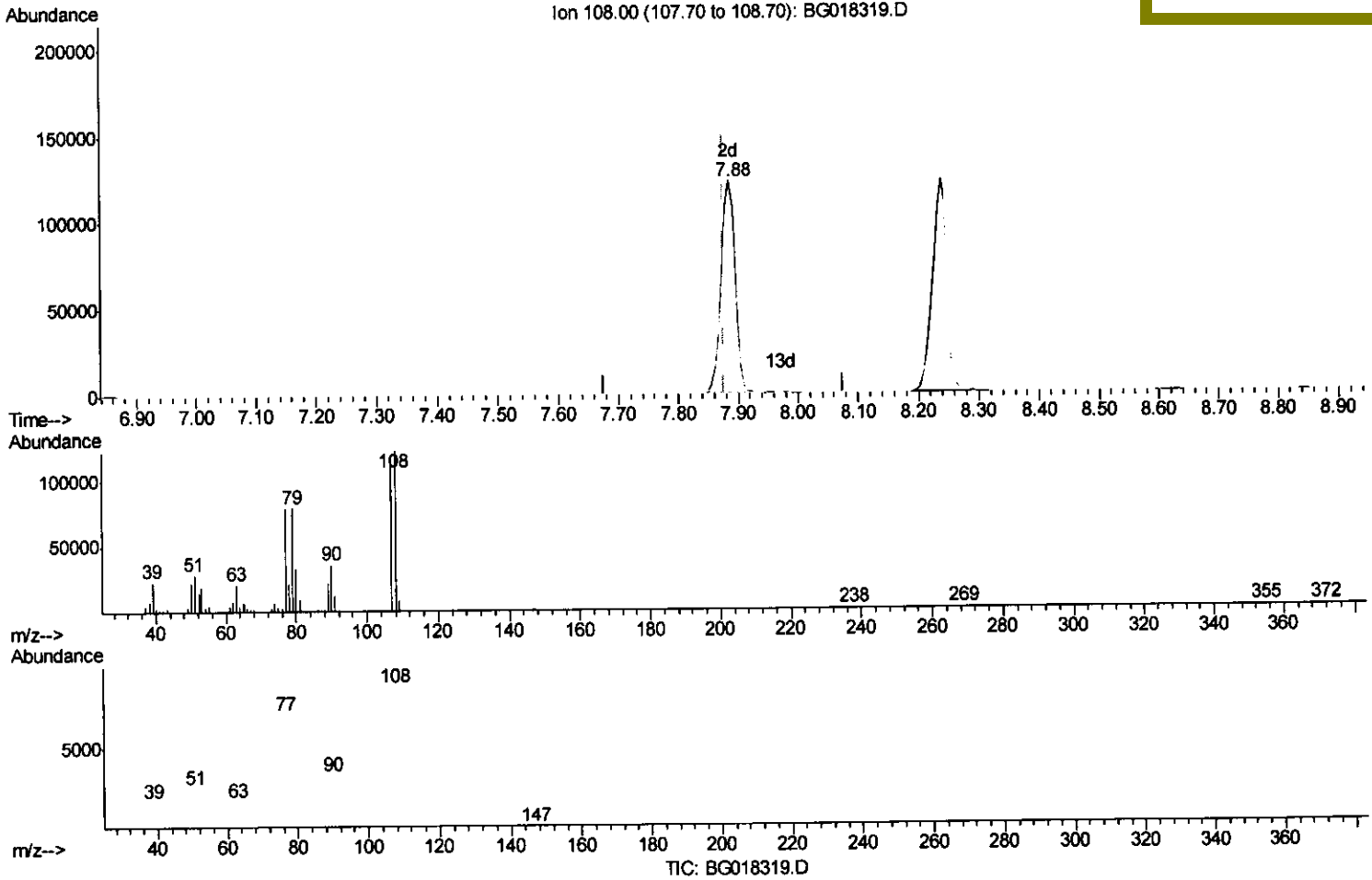
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(11) 2-Methylphenol

7.885min (+0.010) 168.99ng/ul m

response 191412

Ion	Exp%	Act%
108.00	100	100
107.00	74.40	91.63#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

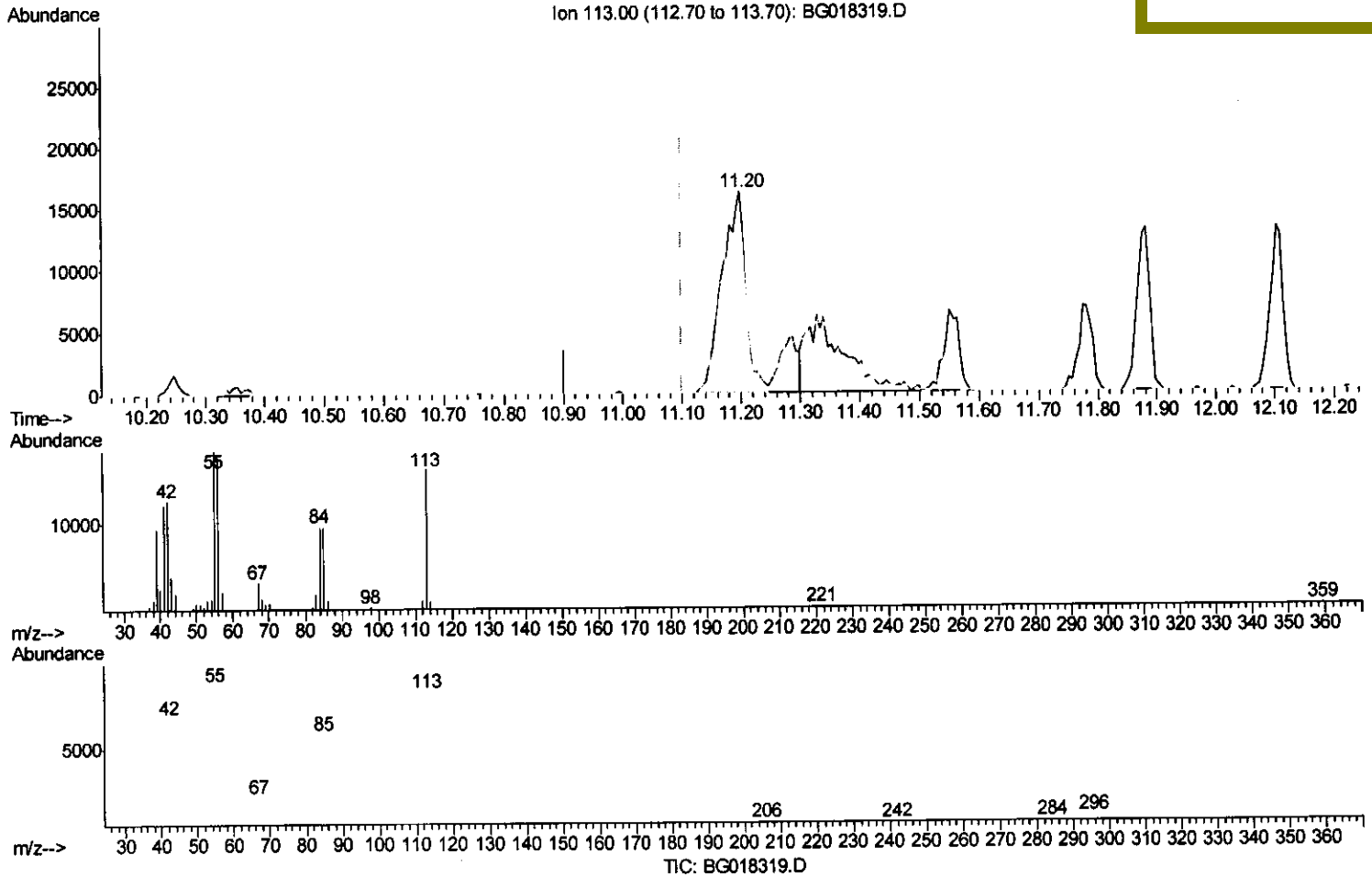
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(32) Caprolactam

11.199min (+0.098) 76.49ng/ul

response 44962

Ion	Exp%	Act%
113.00	100	100
55.00	120.80	112.70
56.00	112.30	108.07
0.00	0.00	0.00

Quantitation Report (Qedit)

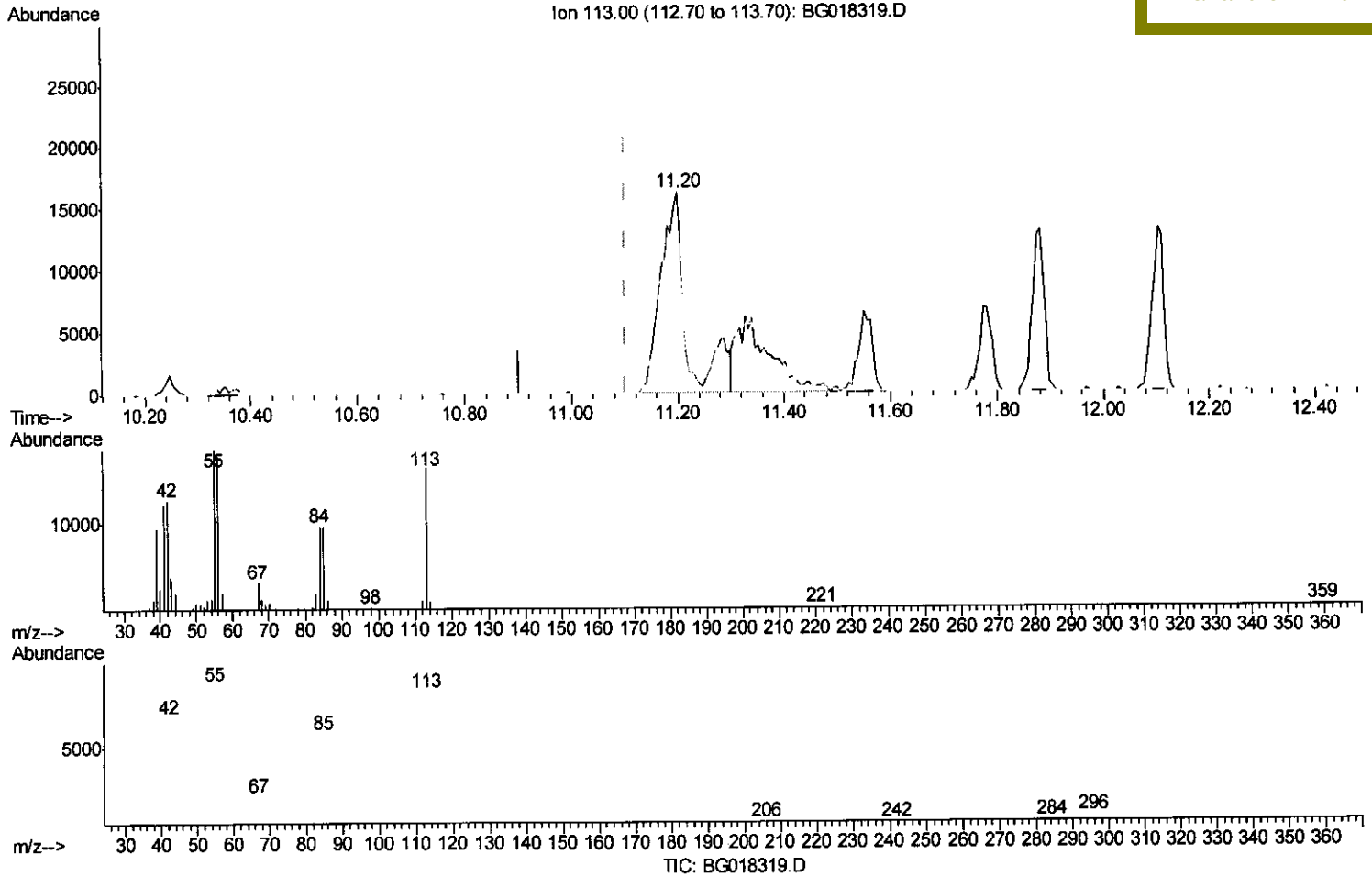
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Manual Integrations
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Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration



(32) Caprolactam

11.199min (+0.098) 139.36ng/ul m U.M

response 81917

Ion	Exp%	Act%
113.00	100	100
55.00	120.80	112.70
56.00	112.30	108.07
0.00	0.00	0.00

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Quantitation Report (Qedit)

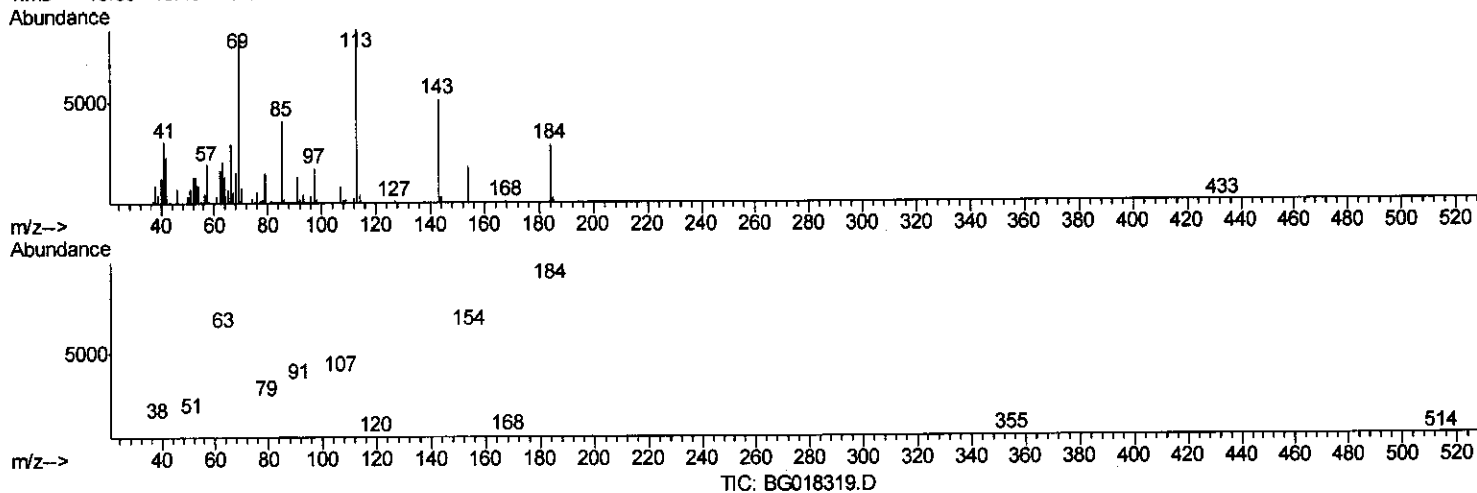
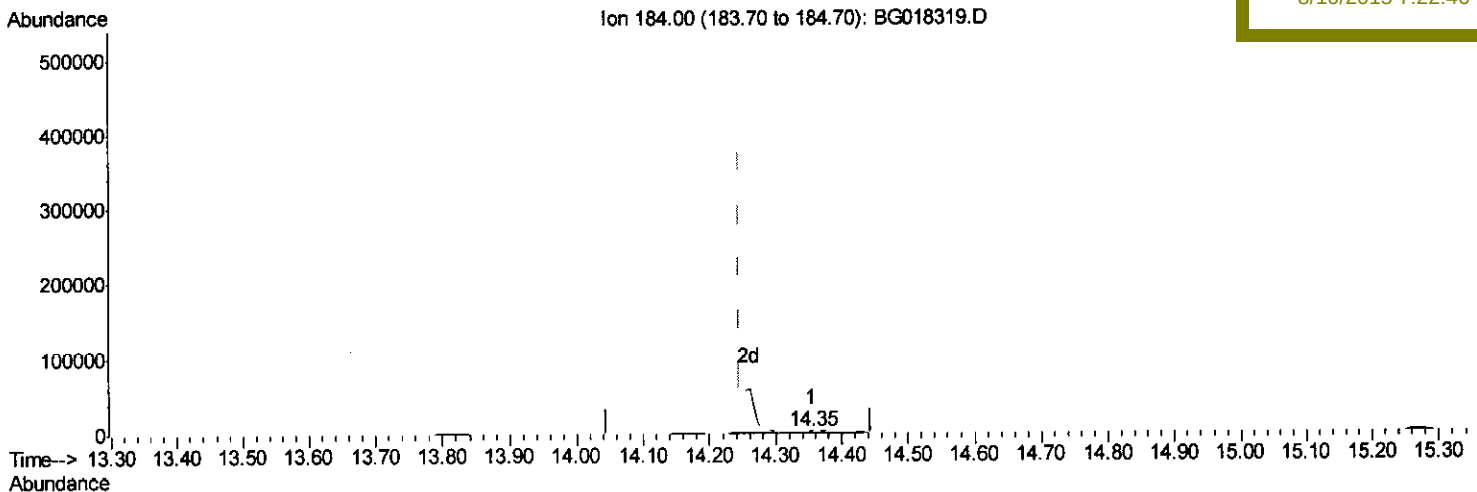
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(51) 2,4-Dinitrophenol

14.354min (+0.109) 1.72ng/ul

response 796

Ion	Exp%	Act%
184.00	100	100
63.00	61.40	73.51
154.00	62.00	64.82
0.00	0.00	0.00

Quantitation Report (Qedit)

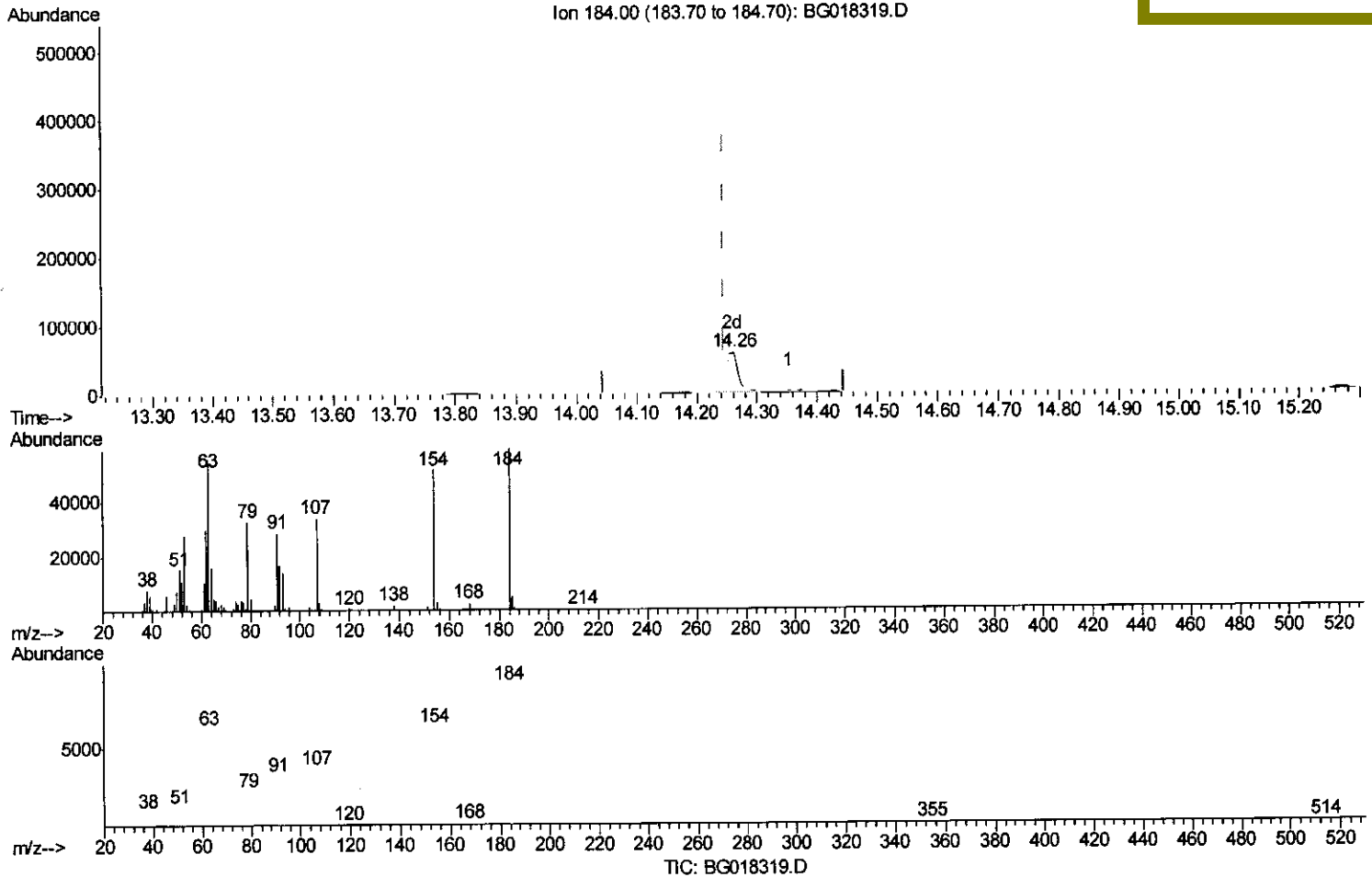
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(51) 2,4-Dinitrophenol

14.260min (+0.015) 190.00ng/ul m U.M

response 87731

Ion Exp% Act%

184.00	100	100
63.00	61.40	93.90#
154.00	62.00	87.08#
0.00	0.00	0.00

8/12/15

Quantitation Report (Qedit)

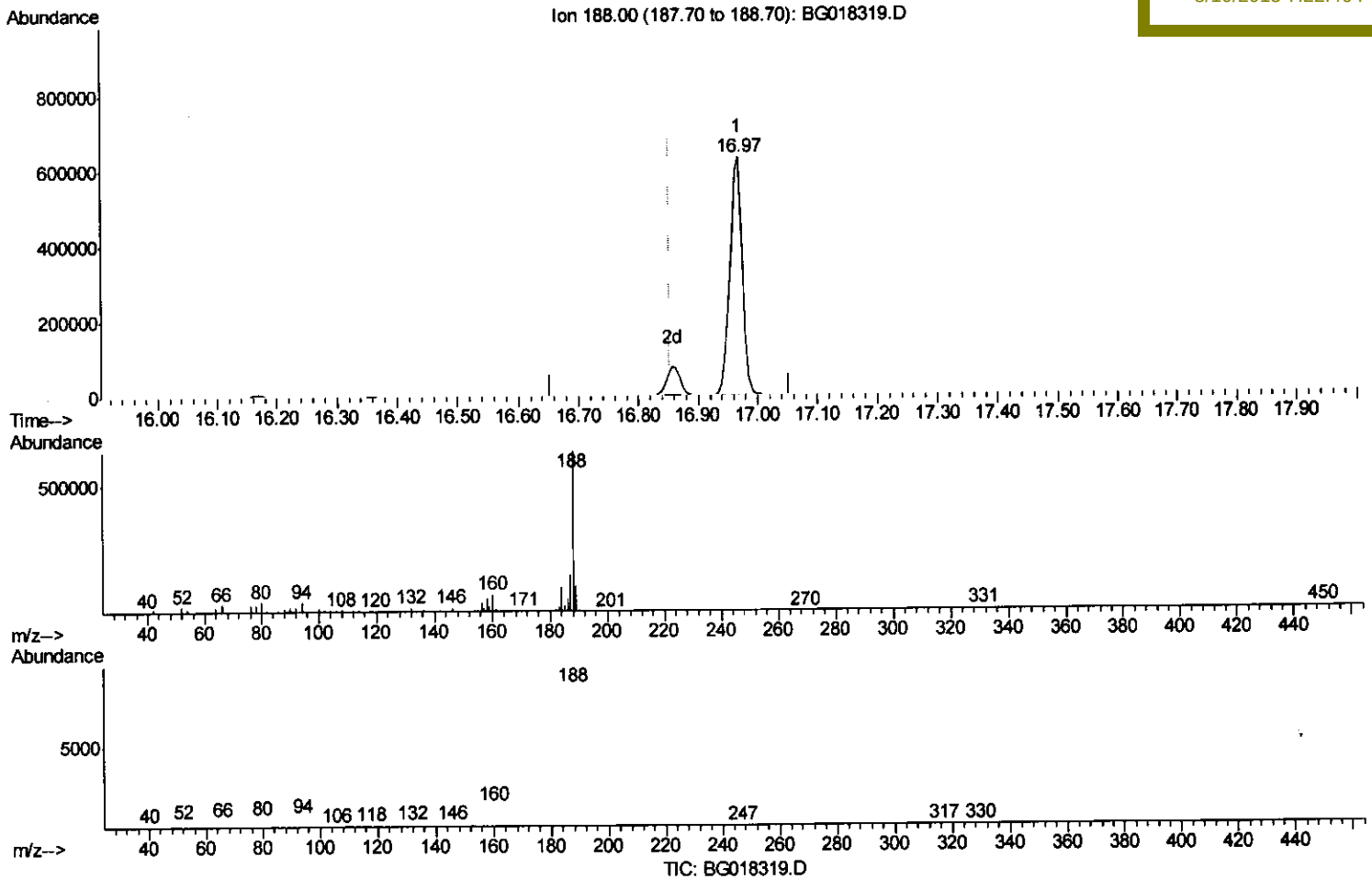
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

16.968min (+0.115) 20.00ng/ul

response 927955

Ion	Exp%	Act%
188.00	100	100
94.00	6.70	5.88
80.00	5.50	5.93
0.00	0.00	0.00

Quantitation Report (Qedit)

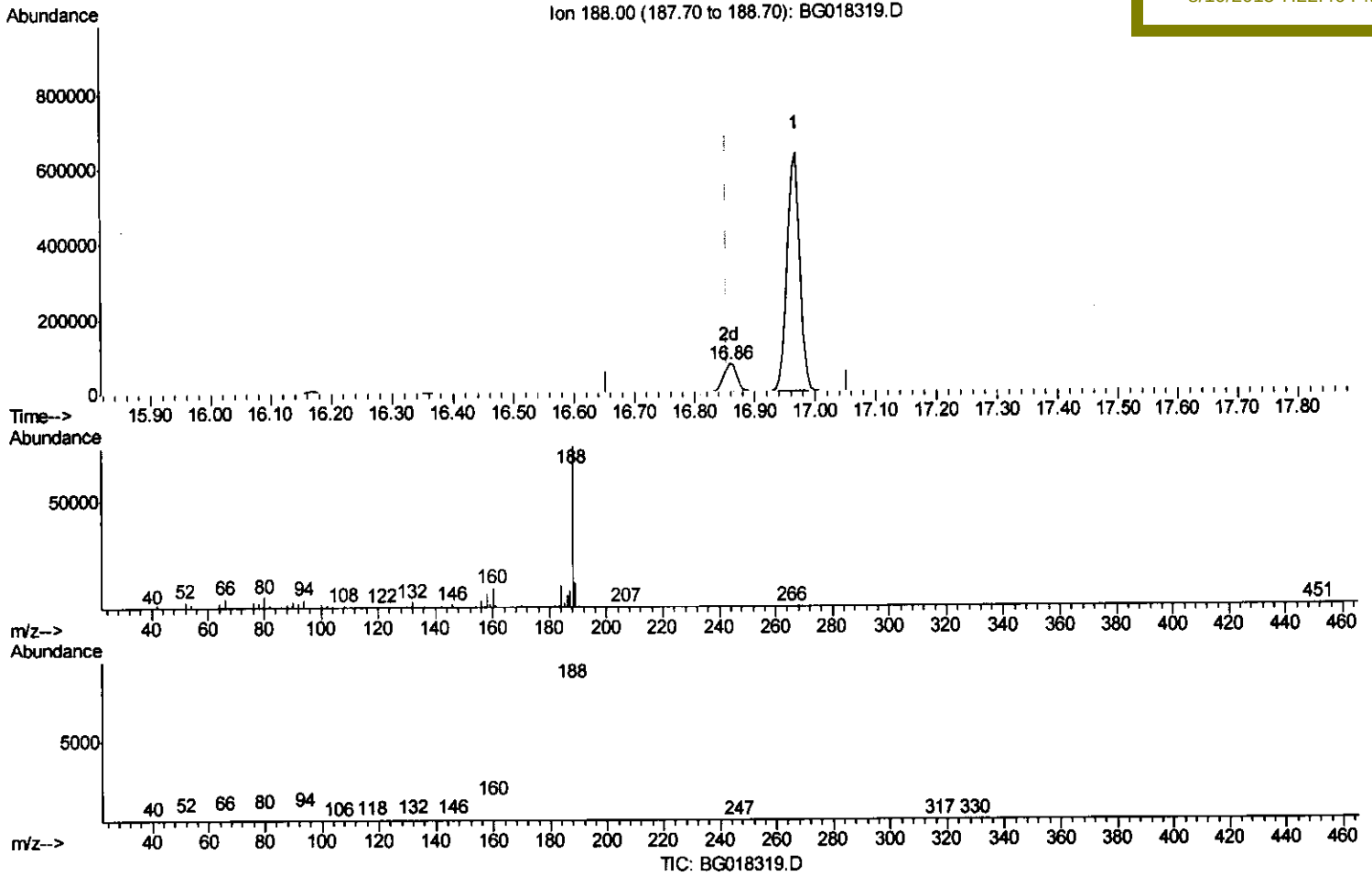
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

16.857min (+0.004) 20.00ng/ul m U.M

response 114073

8/12/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.70	5.33#
80.00	5.50	7.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

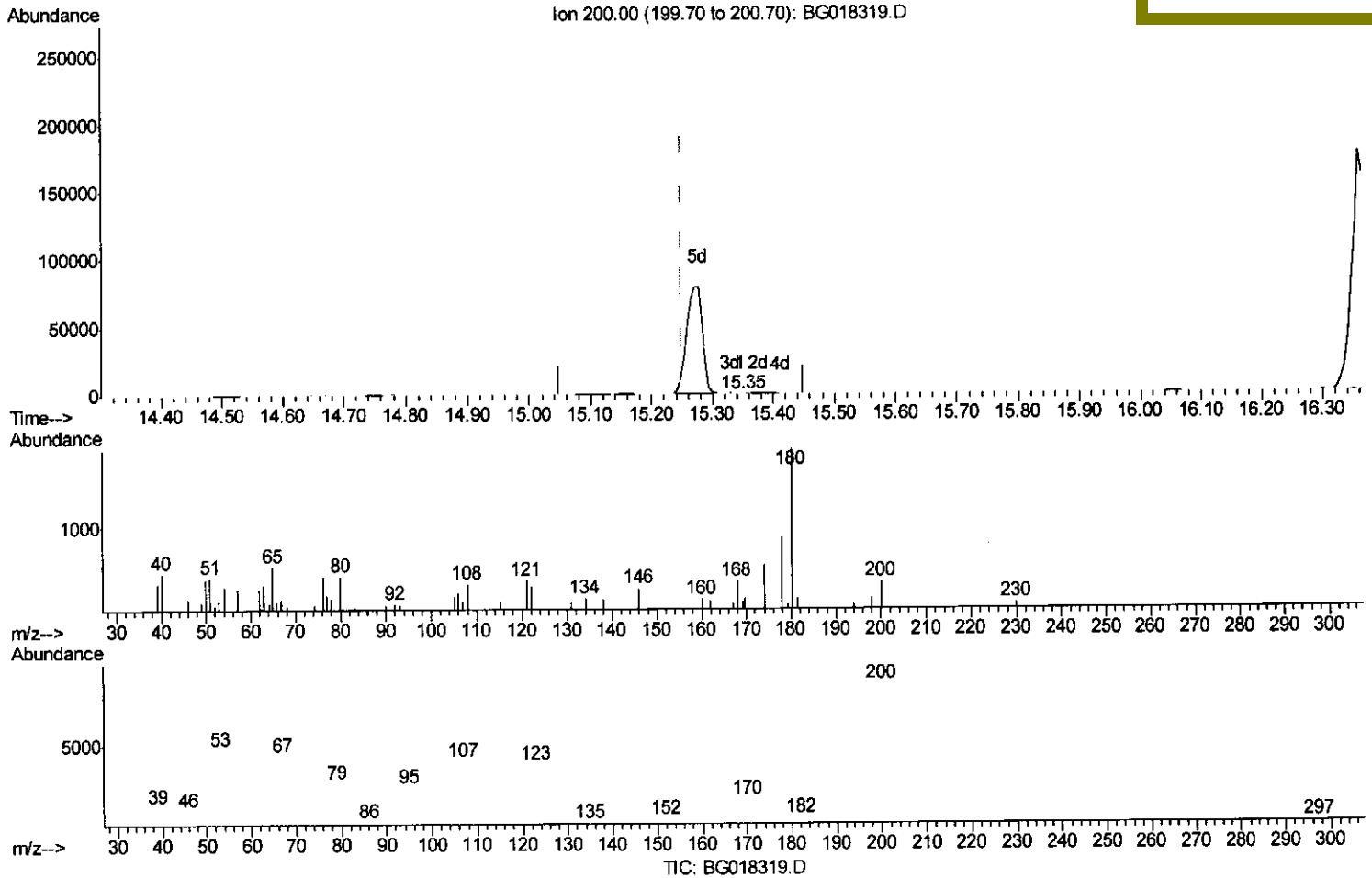
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

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

15.347min (+0.098) 0.52ng/ul

response 438

Ion	Exp%	Act%
200.00	100	100
170.00	17.90	62.85#
52.00	39.00	45.56
0.00	0.00	0.00

Quantitation Report (Qedit)

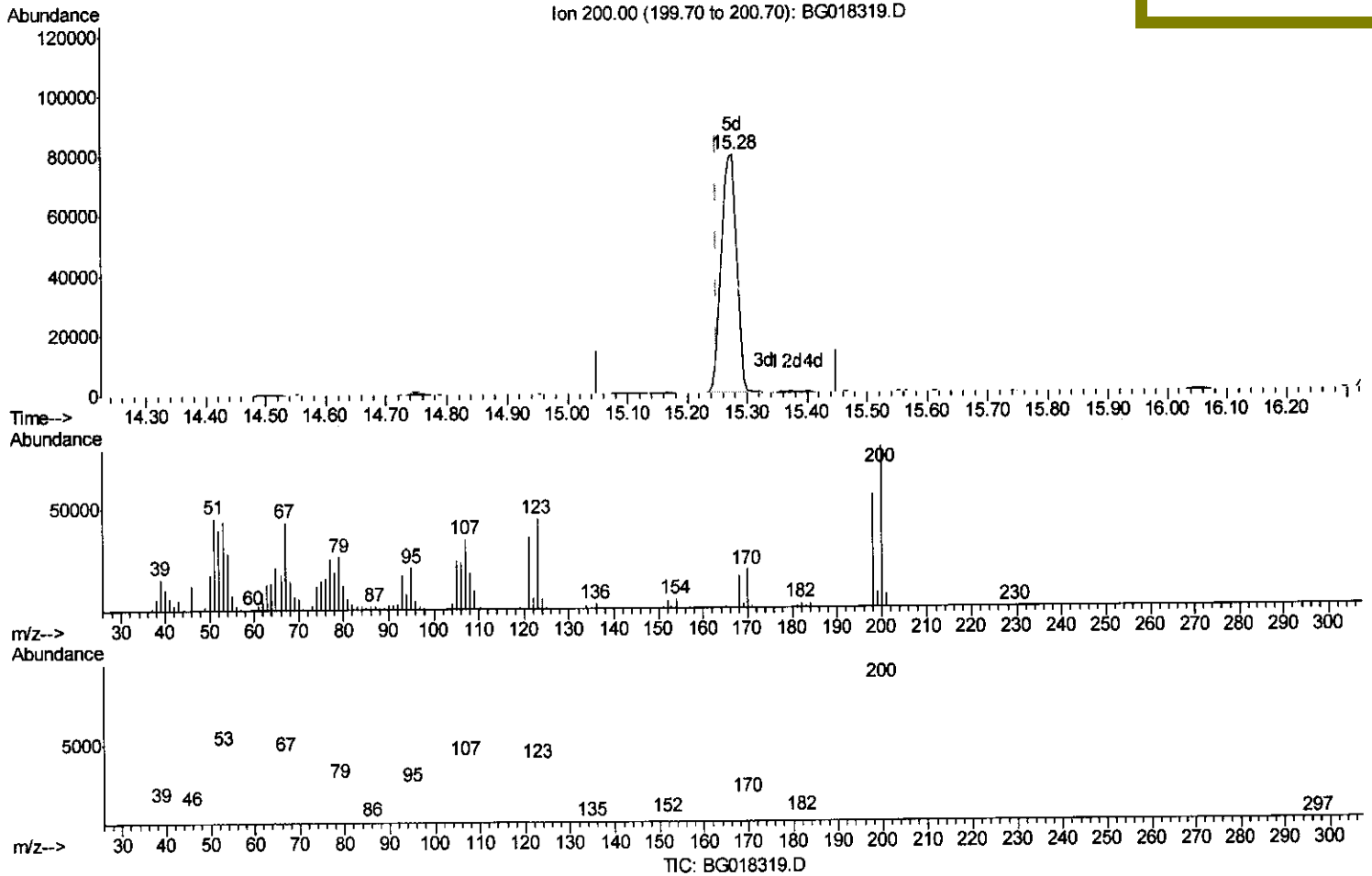
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Manual Integrations
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Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration



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

15.276min (+0.027) 169.48ng/ui m

response 143313

Ion Exp% Act%

200.00 100 100

170.00 17.90 23.82#

52.00 39.00 49.59#

0.00 0.00 0.00

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Quantitation Report (Qedit)

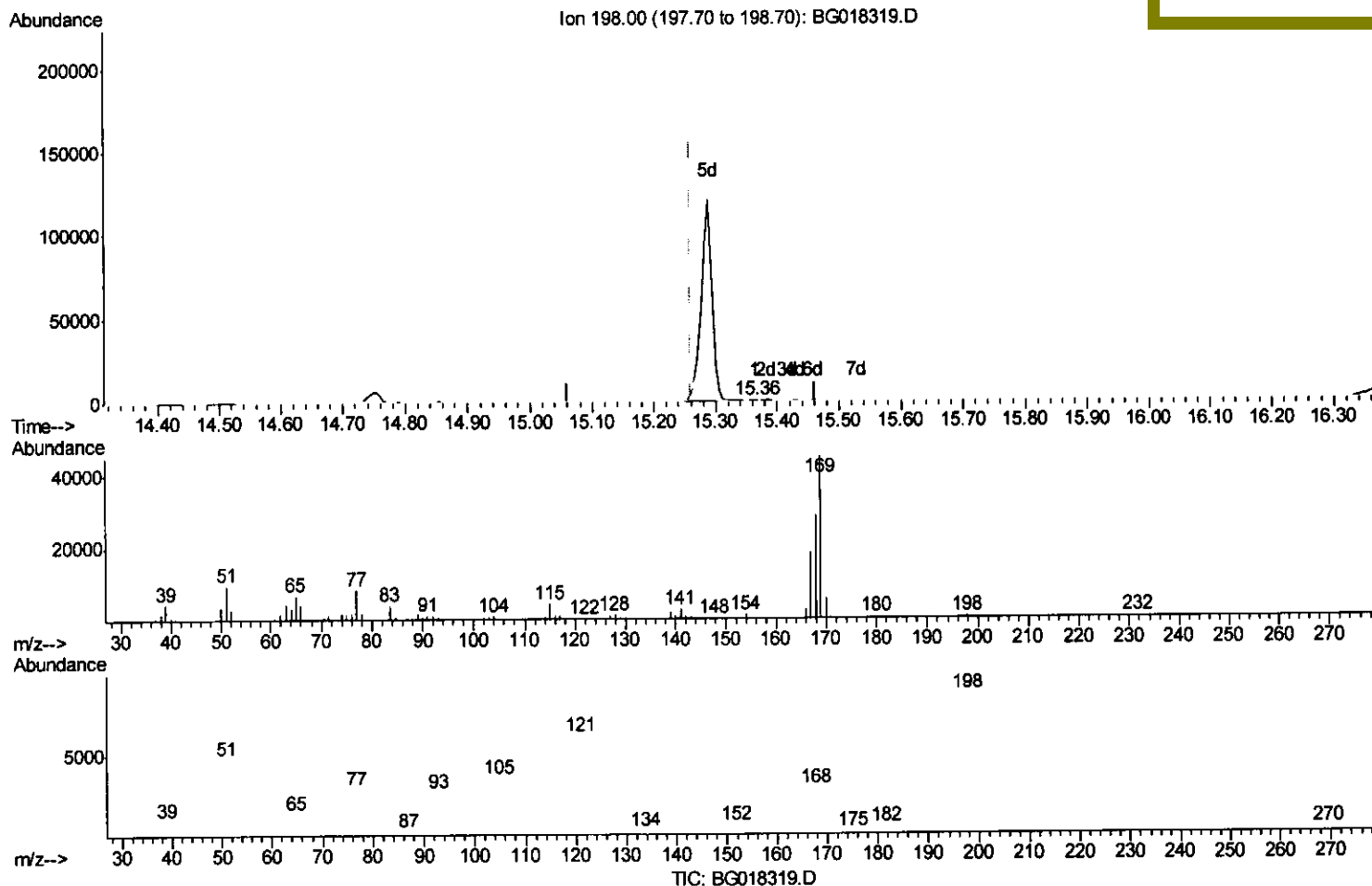
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SST016077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST016077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(64) 4,6-Dinitro-2-methylphenol

15.364min (+0.104) 0.83ng/ul

response 712

Ion	Exp%	Act%
198.00	100	100
182.00	4.40	0.00#
77.00	31.80	1161.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

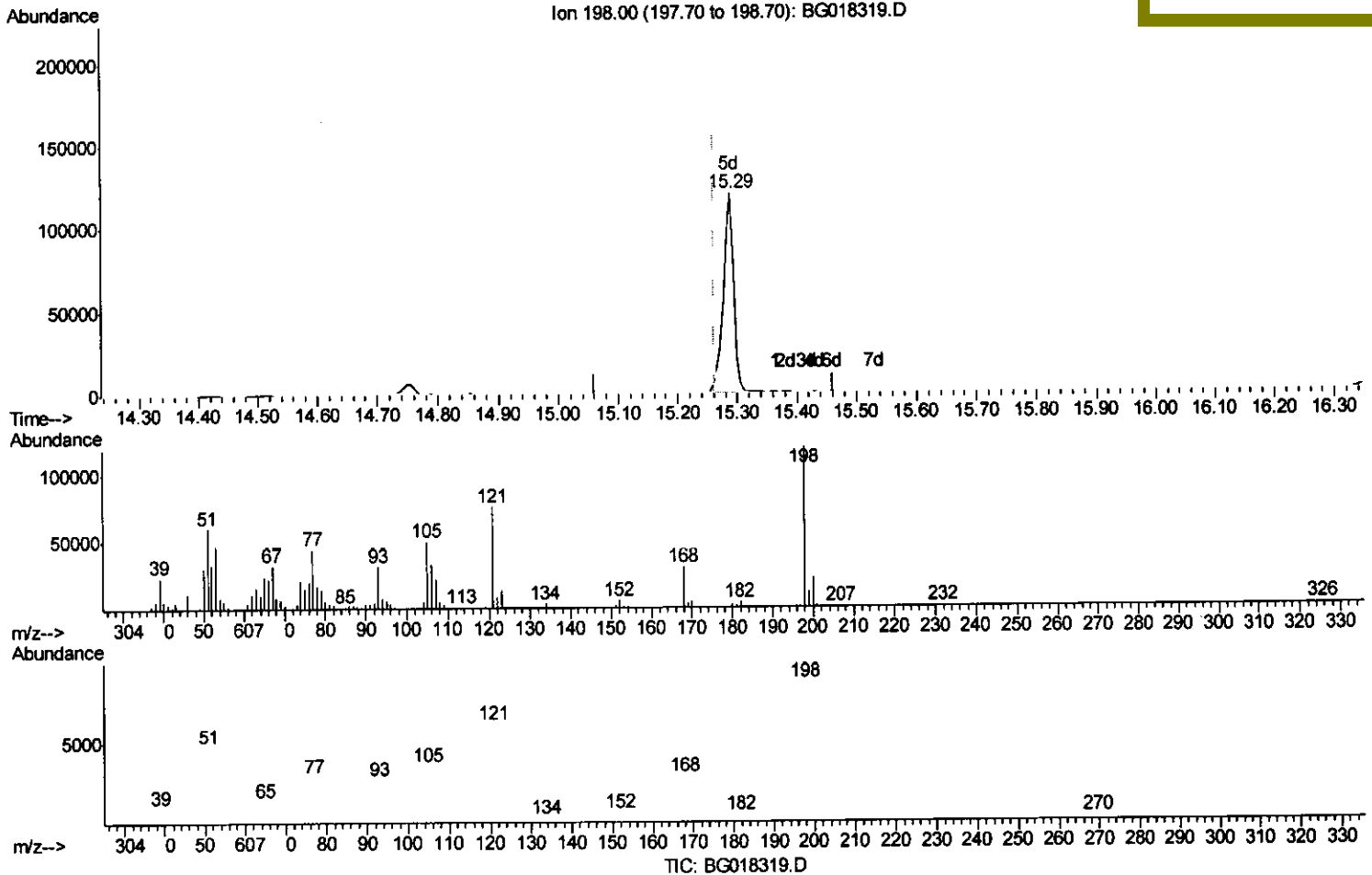
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(64) 4,6-Dinitro-2-methylphenol

15.288min (+0.027) 173.97ng/ul m U.M

response 149166

Ion	Exp%	Act%
198.00	100	100
182.00	4.40	3.27#
77.00	31.80	36.45
0.00	0.00	0.00

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Quantitation Report (Qedit)

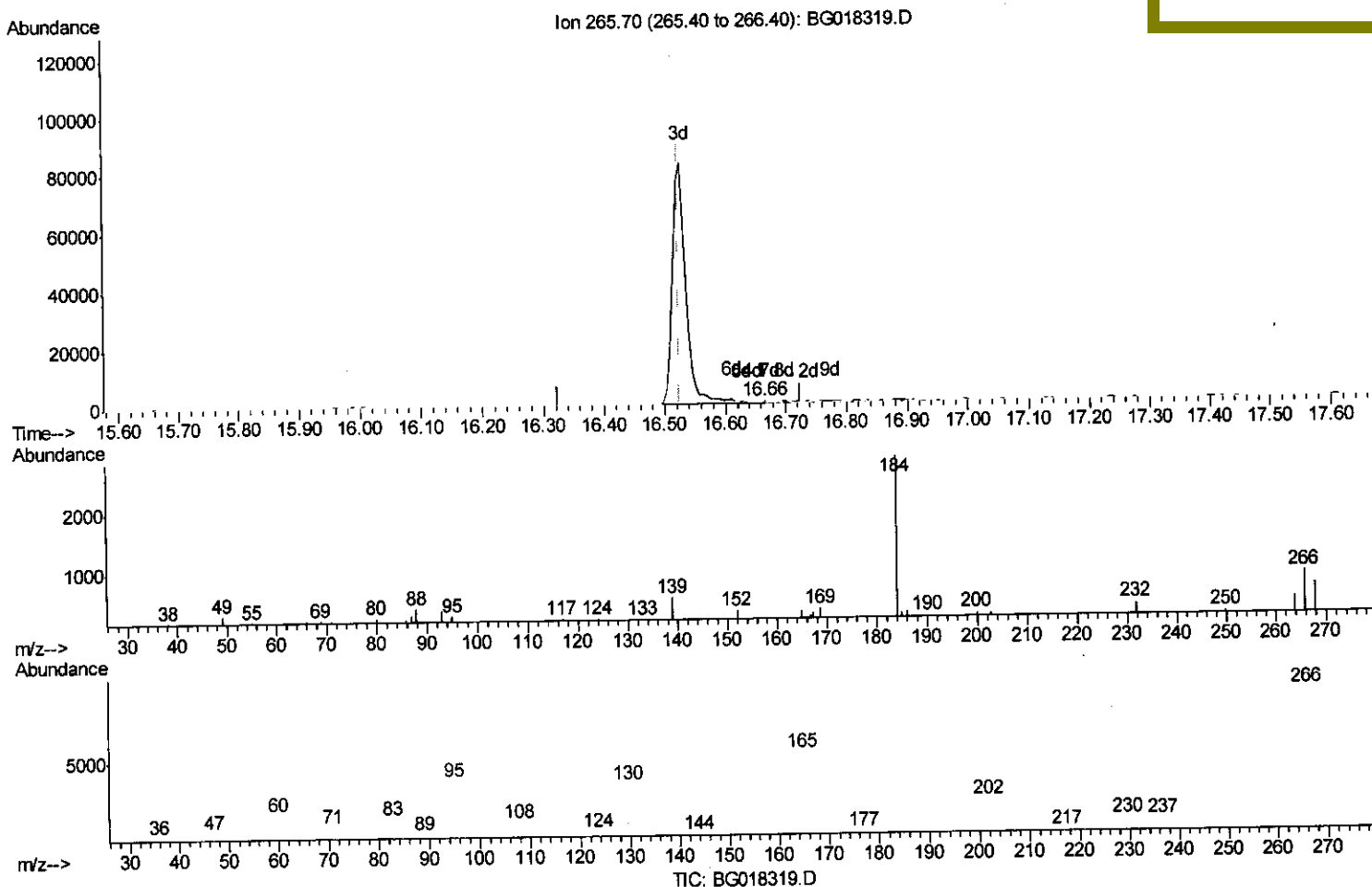
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(69) Pentachlorophenol (C)

16.663min (+0.139) 0.34ng/ul

response 198

Ion	Exp%	Act%
265.70	100	100
264.00	55.90	51.61
268.00	70.70	76.46
0.00	0.00	0.00

Quantitation Report (Qedit)

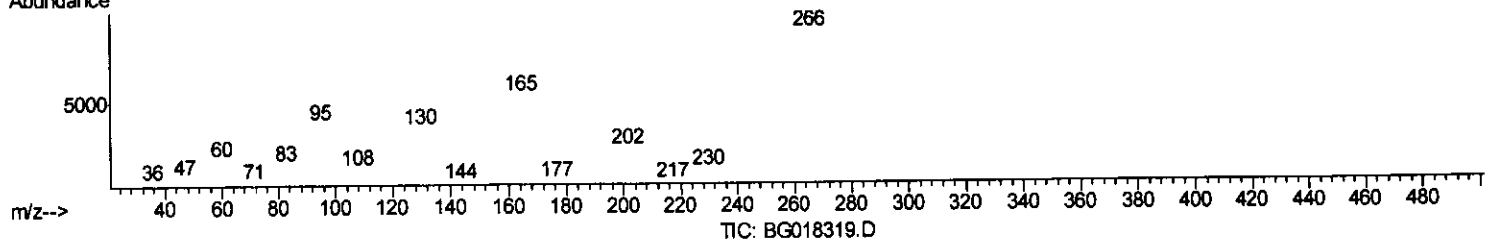
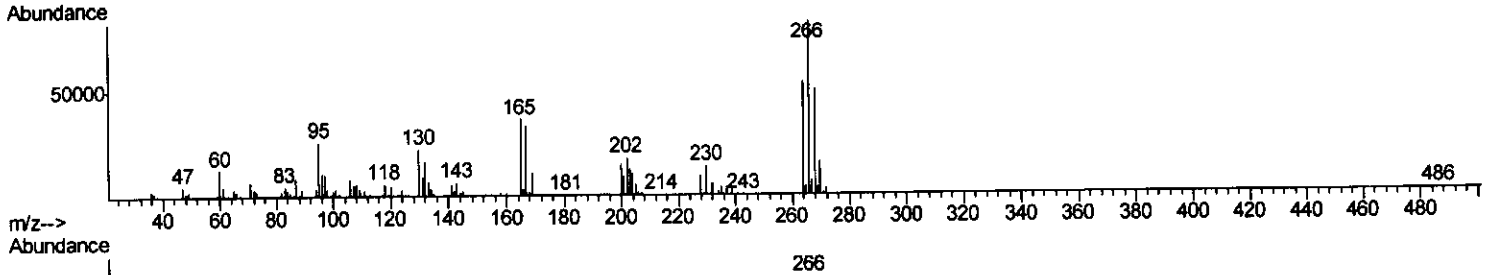
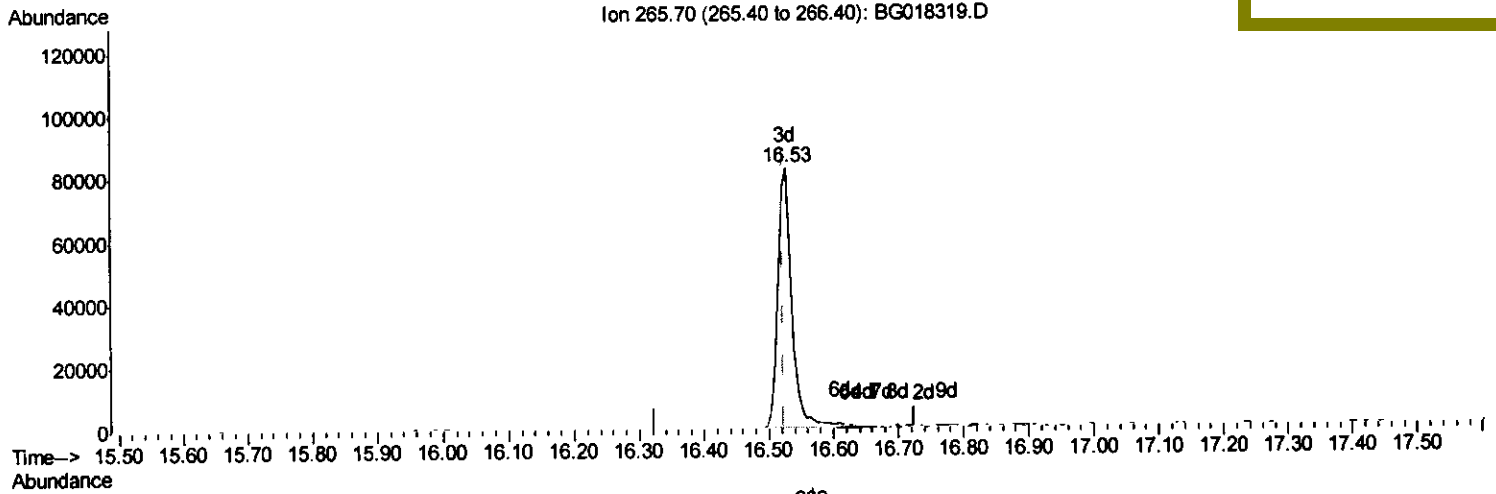
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 01:47:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
 Response via : Initial Calibration

Manual Integrations
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(69) Pentachlorophenol (C)

16.528min (+0.004) 216.32ng/ul m

response 124833

Ion	Exp%	Act%
265.70	100	100
264.00	55.90	64.66
268.00	70.70	60.51
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
 Data File : BG018319.D
 Acq On : 8 Aug 2015 7:50
 Operator : UM/TP
 Sample : SSTD16077
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16077

Quant Time: Aug 10 06:45:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 08 07:47:13 2015
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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	7.40	152	15307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	73152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	49001	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	114073m	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	116502	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	92800	20.00	ng/ul	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.63	99	238668	170.56	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.76	67	130126	162.24	ng/ul	0.02
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.17	113	190227	158.09	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.35	131	195275	124.29	ng/ul	0.02
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.39	143	103058	161.15	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.28	200	143313m	169.48	ng/ul	0.03
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

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Target Compounds

						Ovalue
4) Benzaldehyde	6.55	77	115193	125.74	ng/ul#	82
6) Phenol	6.66	94	246514	172.99	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.86	93	167501	159.71	ng/ul	99
11) 2-Methylphenol	7.88	108	191412m	168.99	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	7.96	45	151172	161.05	ng/ul	97
14) Acetophenone	8.24	105	327736	165.63	ng/ul#	84
16) 4-Methylphenol	8.24	108	209848	166.42	ng/ul	95
30) 4-Chloroaniline	10.38	127	189900	126.11	ng/ul	95
32) Caprolactam	11.20	113	81917m	139.36	ng/ul	
38) Hexachlorocyclopentadiene	12.23	237	158909	237.14	ng/ul#	95
49) 3-Nitroaniline	14.04	138	116270	129.11	ng/ul#	90
51) 2,4-Dinitrophenol	14.26	184	87731m	190.00	ng/ul	
53) 4-Nitrophenol	14.40	109	178555	175.87	ng/ul	96
61) 4-Nitroaniline	15.23	138	124727	135.78	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.29	198	149166m	173.97	ng/ul	
68) Atrazine	16.36	200	243309	149.28	ng/ul	91
69) Pentachlorophenol	16.53	266	124833m	216.32	ng/ul	
75) Carbazole	17.28	167	847205	153.27	ng/ul	97
77) Fluoranthene	18.94	202	1185037	153.42	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	484615	160.67	ng/ul	92
87) Di-n-octyl phthalate	21.86	149	1062460	166.37	ng/ul	100

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 8/12/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080815\
Data File : BG018319.D
Acq On : 8 Aug 2015 7:50
Operator : UM/TP
Sample : SSTD16077
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 06:45:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 08 07:47:13 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD16077

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:22:46 PM

Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

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