

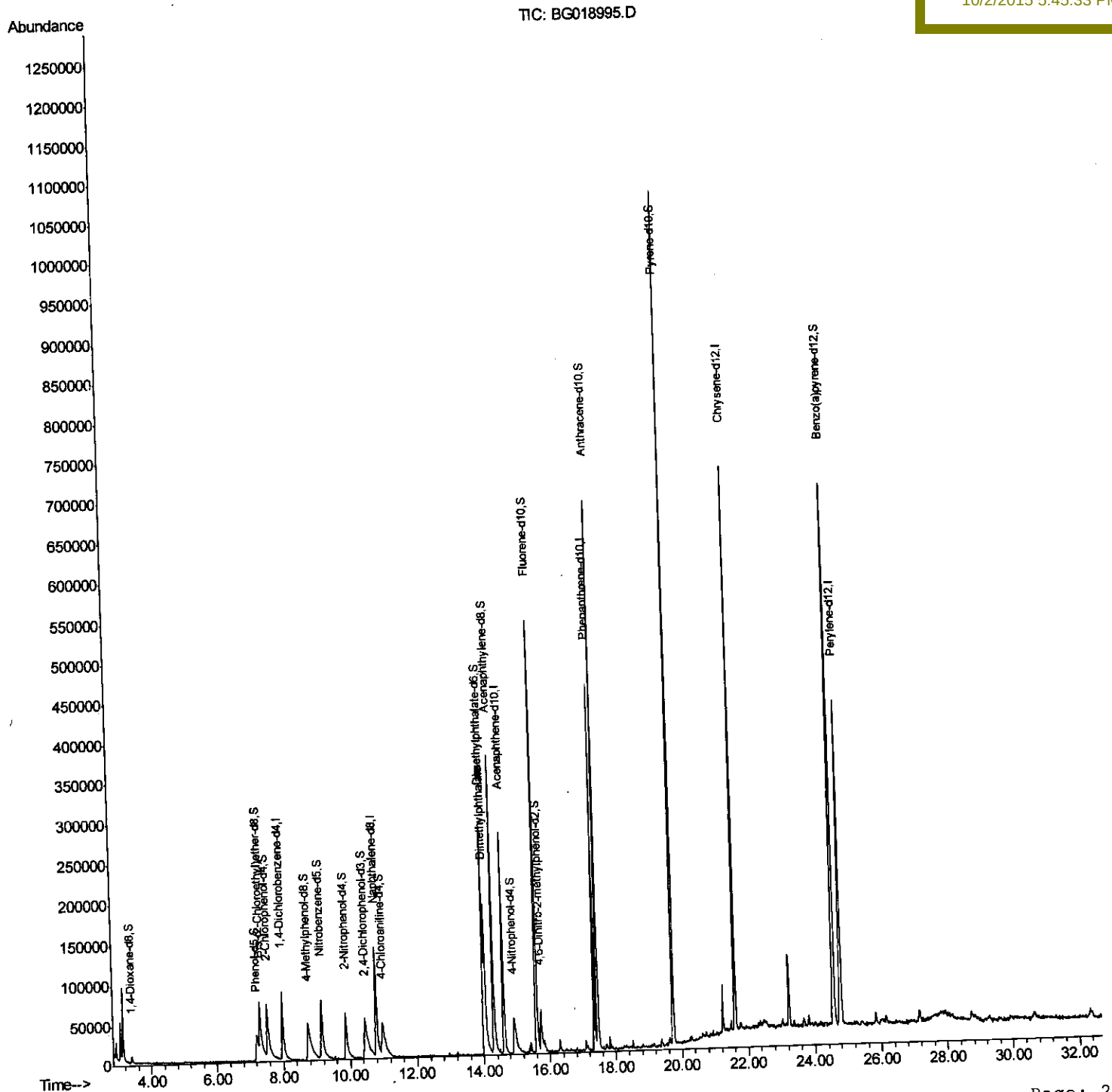
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018995.D
Acq On : 2 Oct 2015 1:12
Operator : UM/NP
Sample : G3865-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 02 13:32:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5MY3

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:45:33 PM



SOM02.2-EPA-BG091015.M Fri Oct 02 13:29:52 2015

Quantitation Report (Qedit)

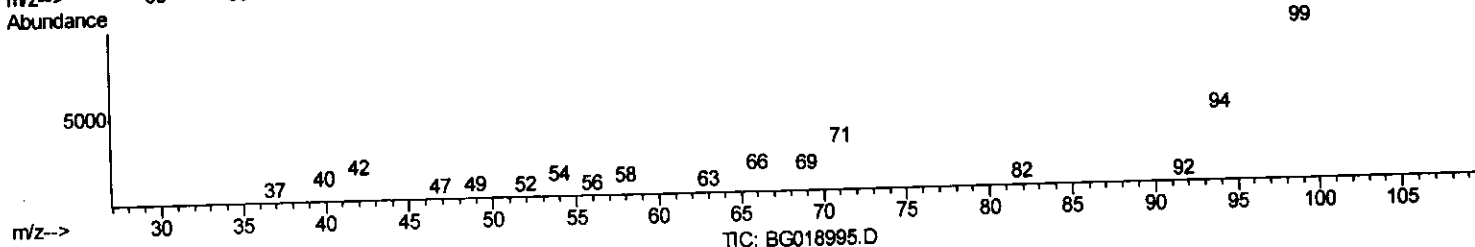
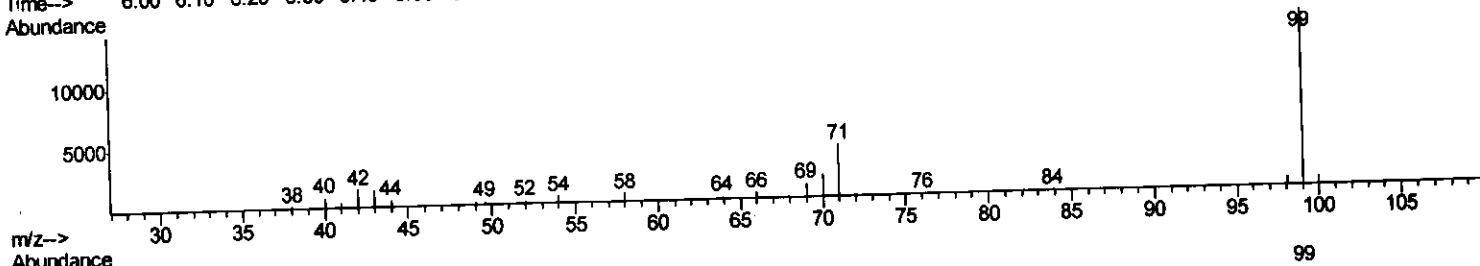
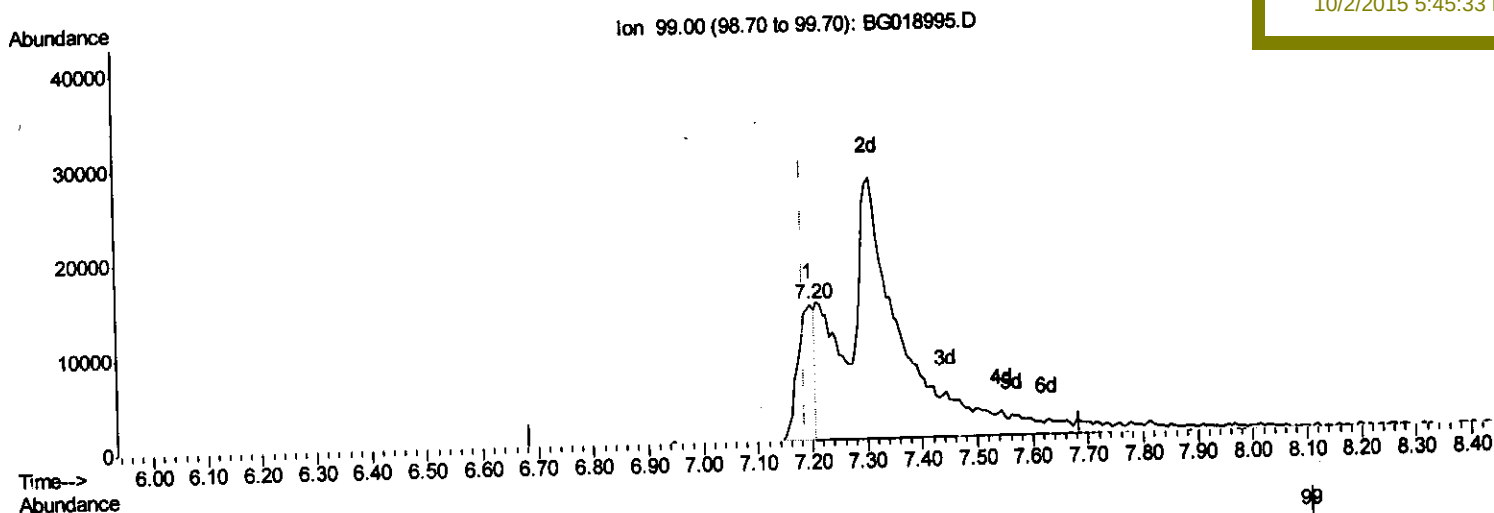
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
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 10/2/2015 5:45:33 PM



(5) Phenol-d5 (S)

7.197min (+0.012) 7.72ng/ul

response 29753

Ion	Exp%	Act%
99.00	100	100
71.00	32.70	30.22
42.00	21.00	11.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

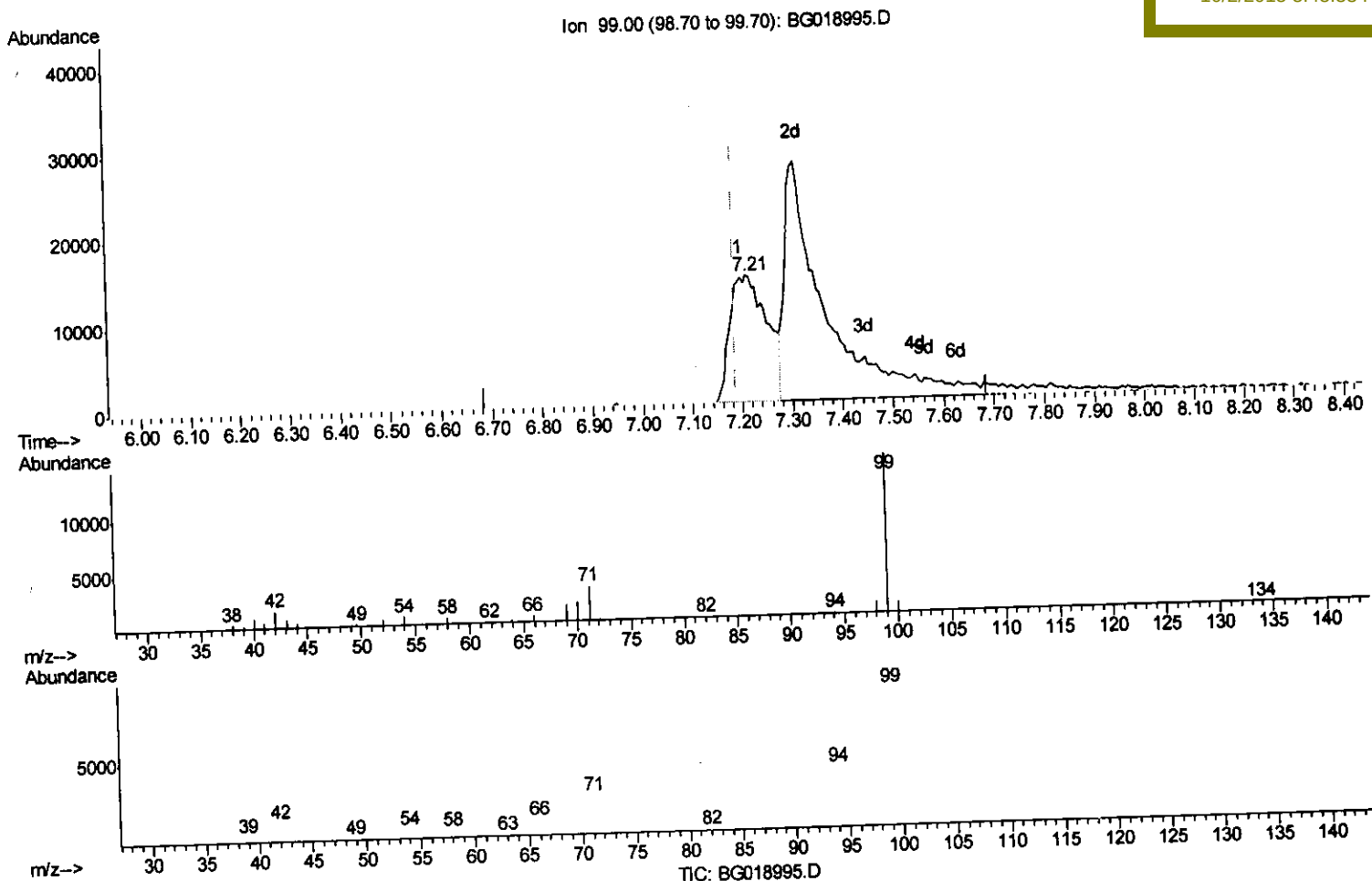
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
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MMDadoda
 10/2/2015 5:45:33 PM



(5) Phenol-d5 (S)

7.209min (+0.024) 19.61ng/ul m

response 75559

Ion Exp% Act%

99.00 100 100

71.00 32.70 22.27#

42.00 21.00 11.40#

0.00 0.00 0.00

U.M
 1015115

Quantitation Report (Qedit)

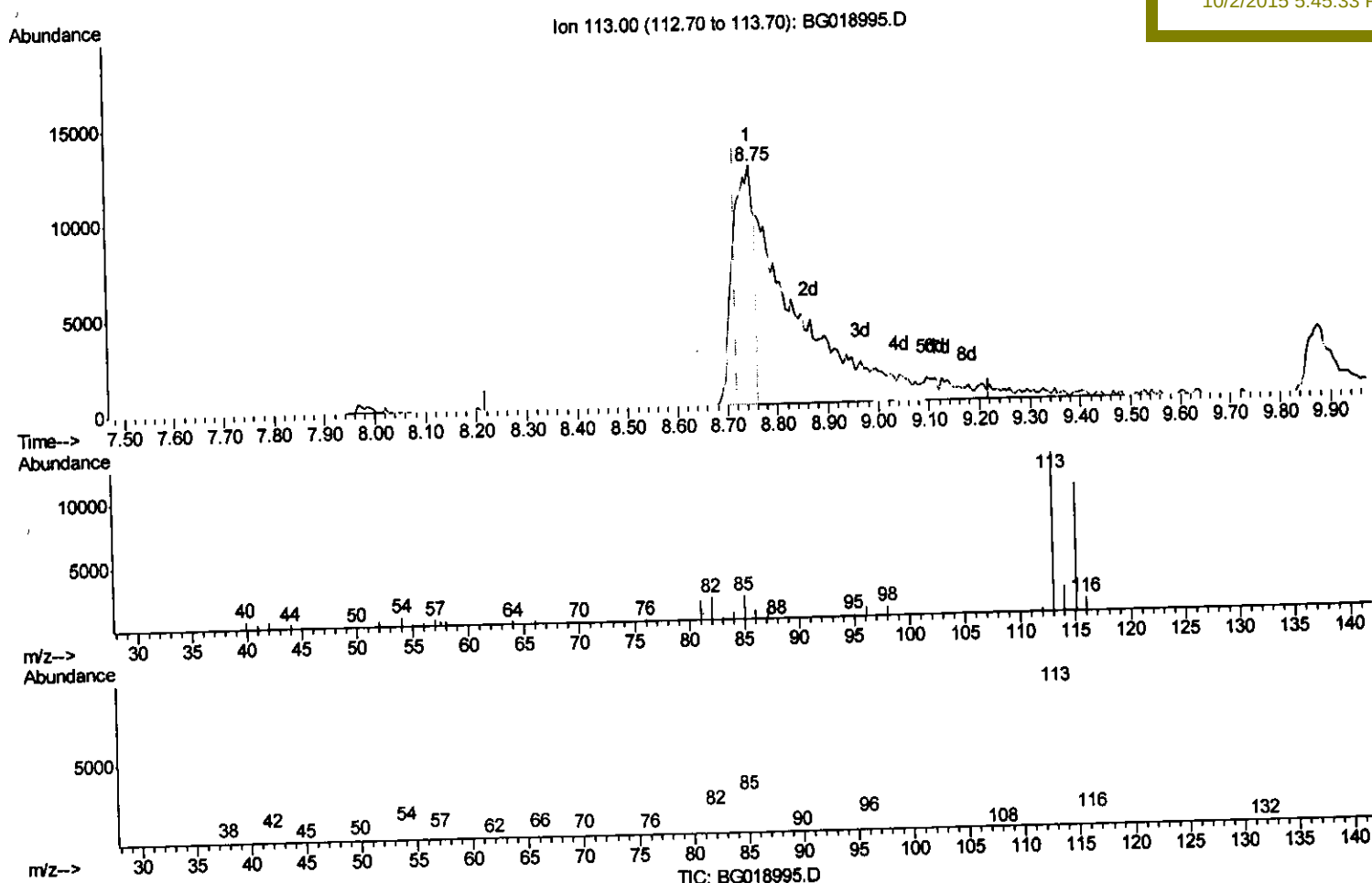
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(13) 4-Methylphenol-d8 (S)

8.748min (+0.030) 12.07ng/ul

response 37725

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	80.19
54.00	13.60	7.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

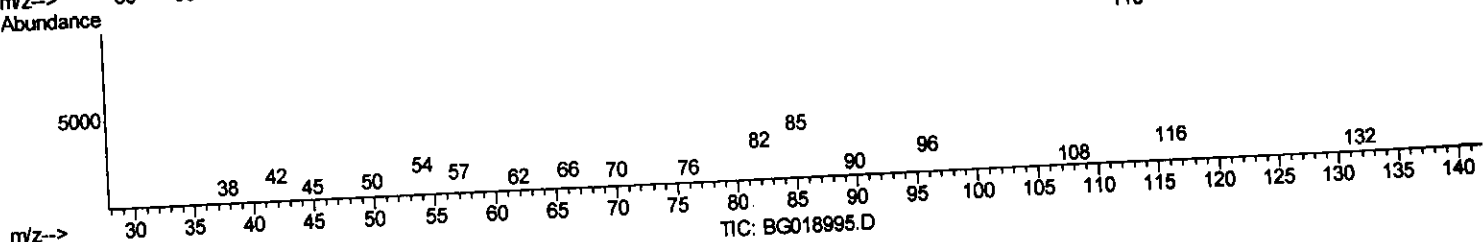
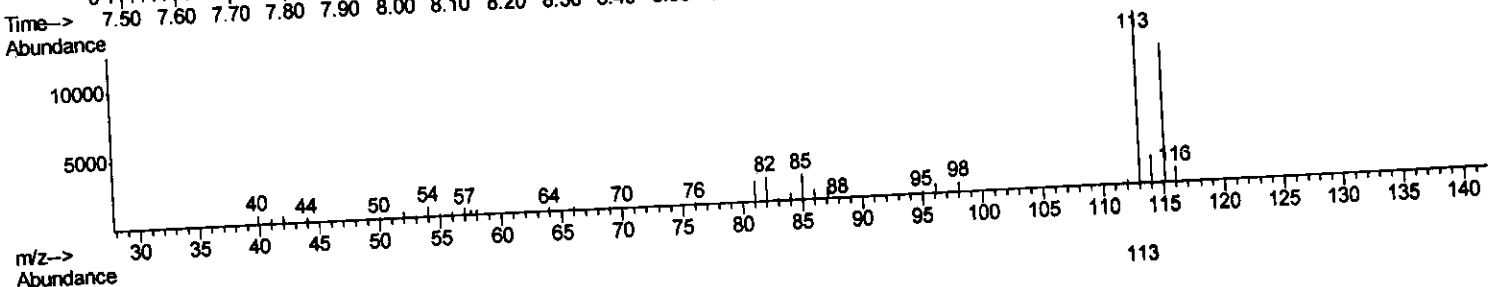
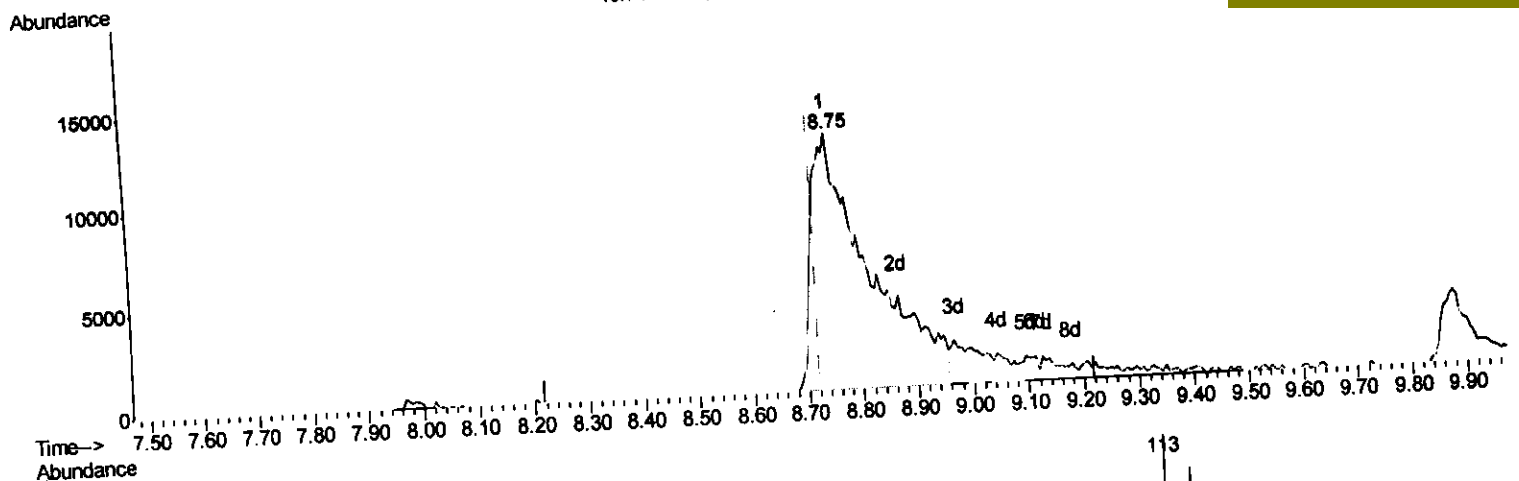
Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM

Ion 113.00 (112.70 to 113.70): BG018995.D



(13) 4-Methylphenol-d8 (S)

8.748min (+0.030) 29.10ng/ul m

response 90969

ion Exp% Act%

113.00	100	100
115.00	92.60	80.19
54.00	13.60	7.00#
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

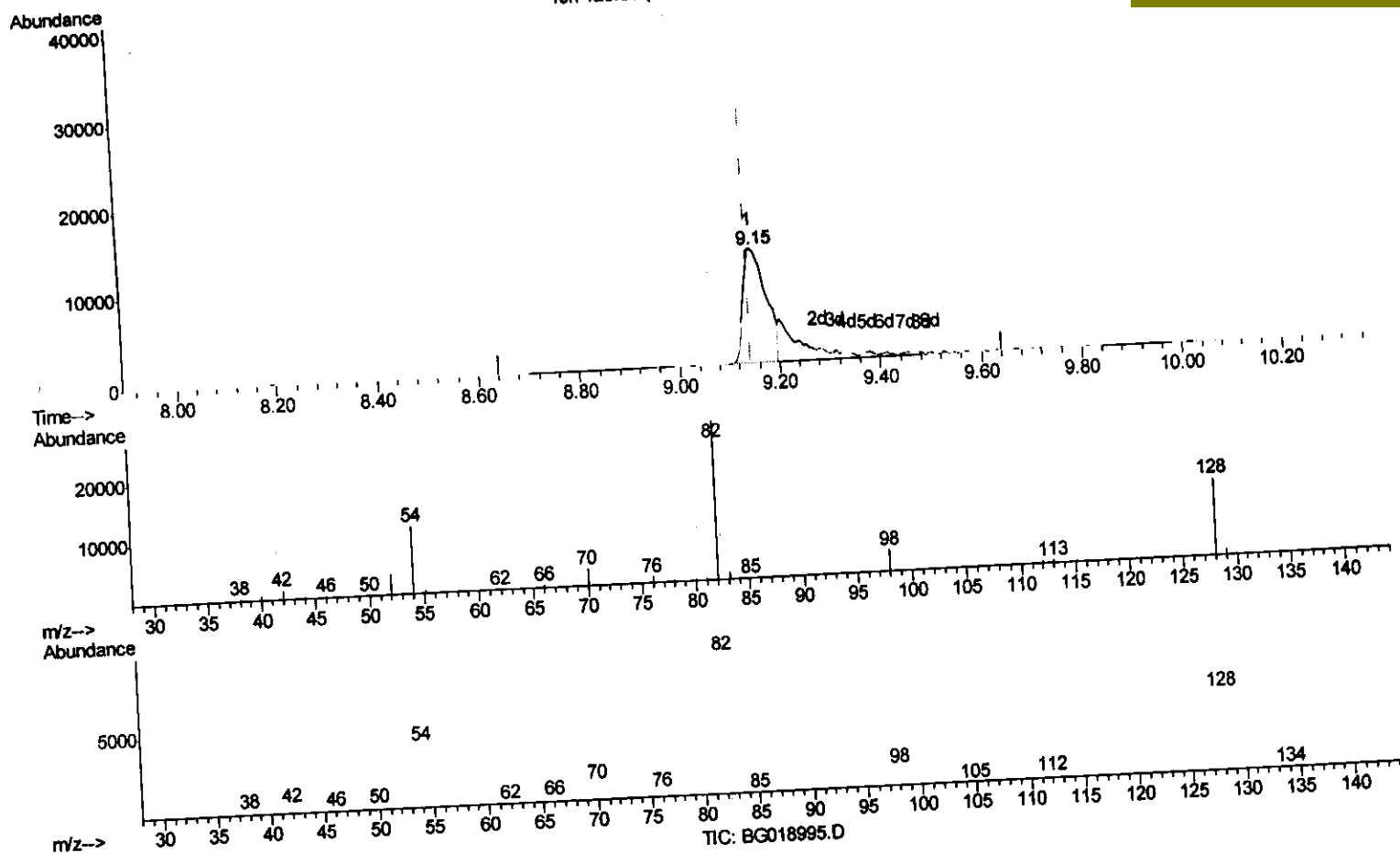
Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM

Ion 128.00 (127.70 to 128.70): BG018995.D



(19) Nitrobenzene-d5 (S)

9.148min (+0.007) 25.72ng/ul

response 40268

Ion	Exp%	Act%
128.00	100	100
82.00	241.60	206.40
54.00	126.50	88.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

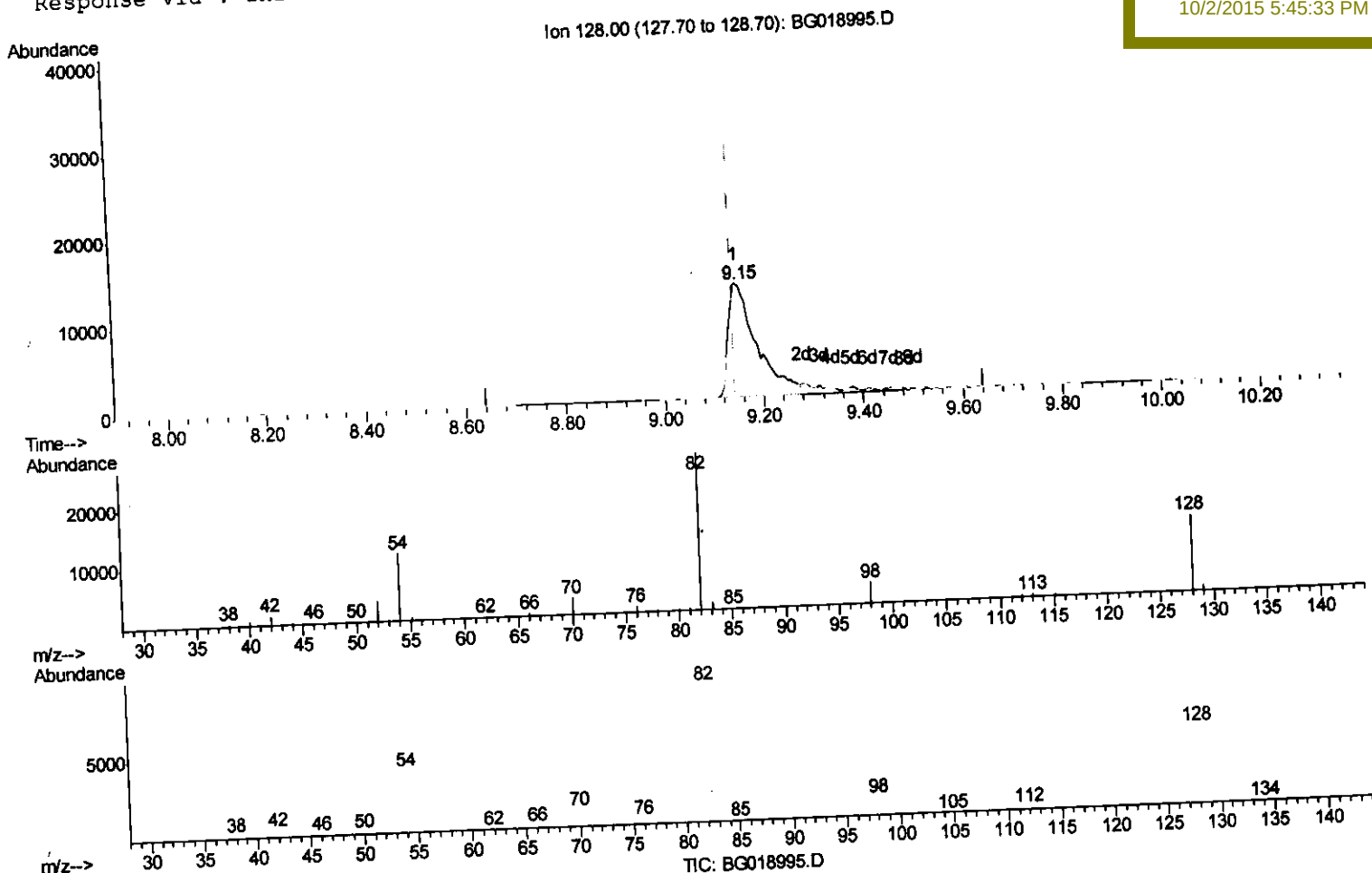
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(19) Nitrobenzene-d5 (S)

9.148min (+0.007) 32.82ng/ul m

response 51391

Ion Exp% Act%

128.00	100	100
82.00	241.60	206.40
54.00	126.50	88.59#
0.00	0.00	0.00

> $\frac{U.M}{1015115}$

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

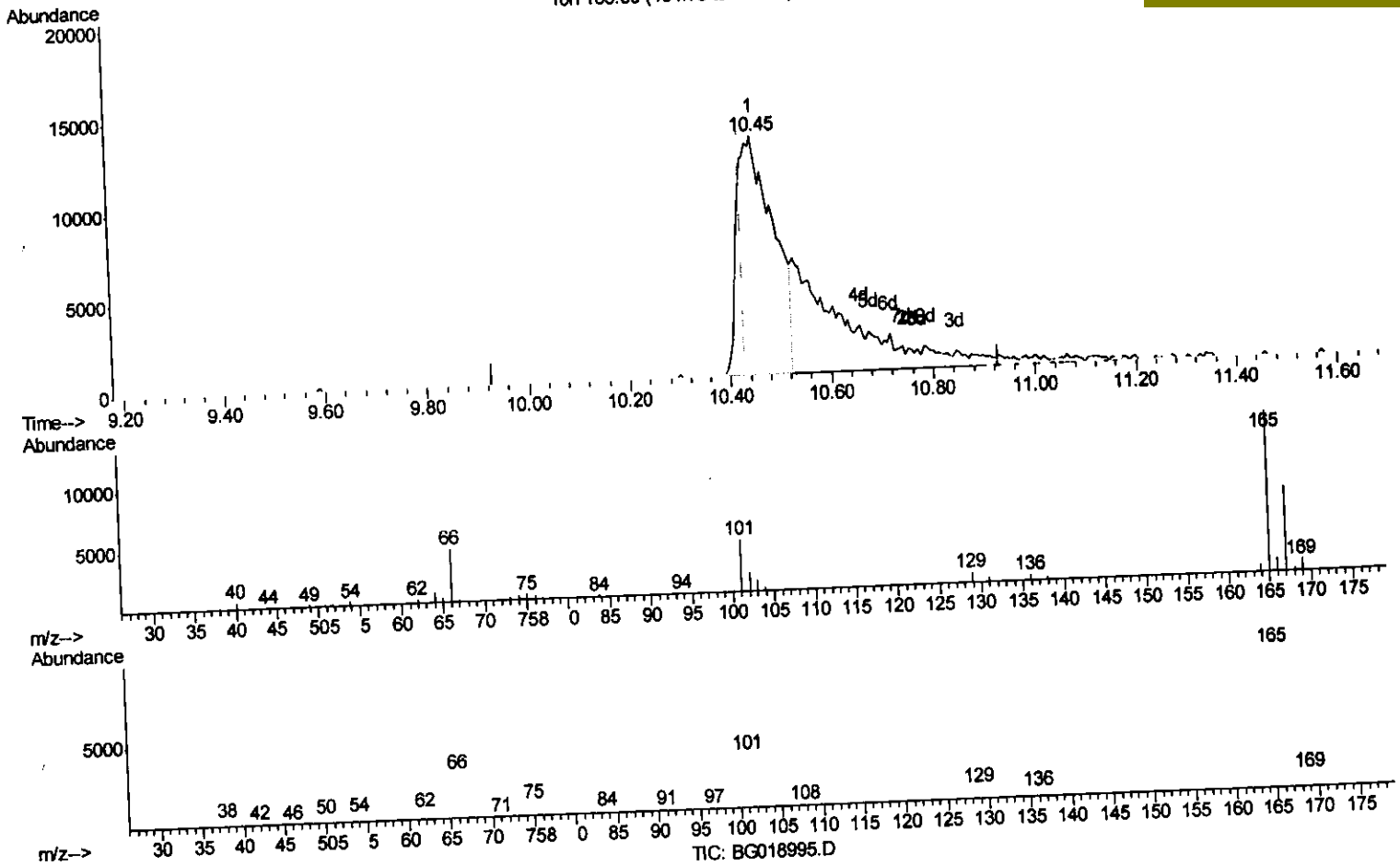
Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM

Ion 165.00 (164.70 to 165.70): BG018995.D



(26) 2,4-Dichlorophenol-d3 (S)

10.452min (+0.024) 20.34ng/ul

response 67446

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	53.20
101.00	34.70	33.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

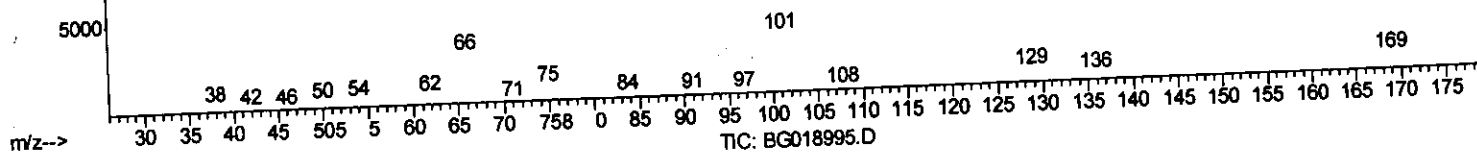
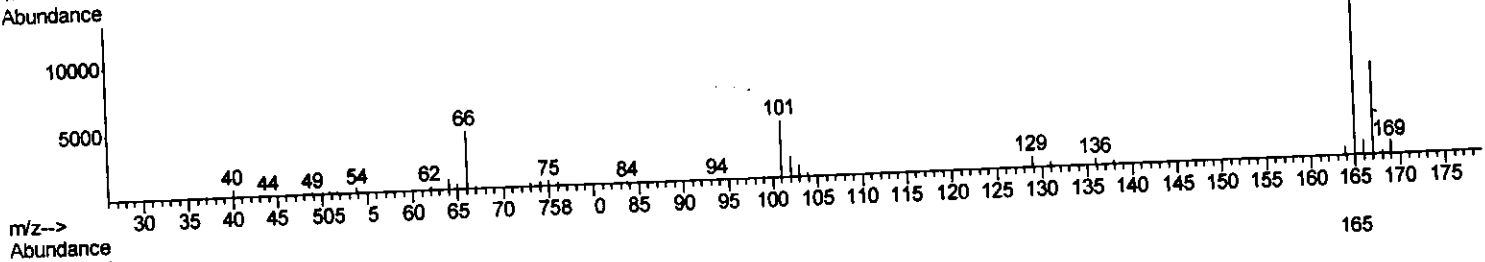
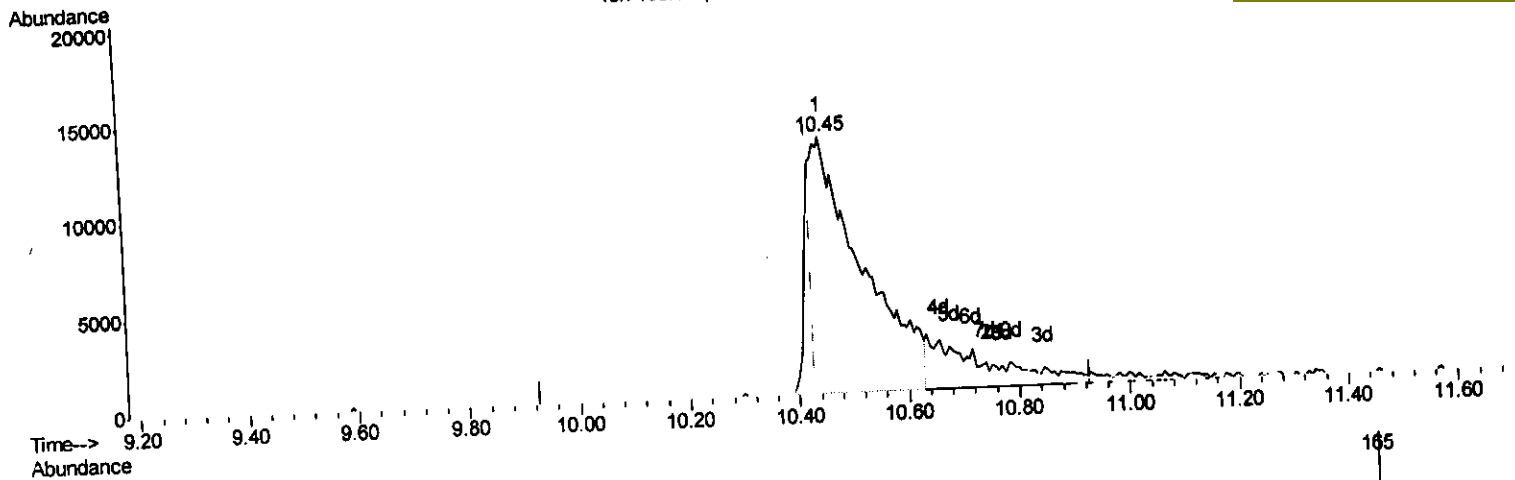
Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM

Ion 165.00 (164.70 to 165.70): BG018995.D



(26) 2,4-Dichlorophenol-d3 (S)

10.452min (+0.024) 28.30ng/ui m

response 93811

> 0.1M
1015115

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	53.20
101.00	34.70	33.10
0.00	0.00	0.00

Quantitation Report (Qedit)

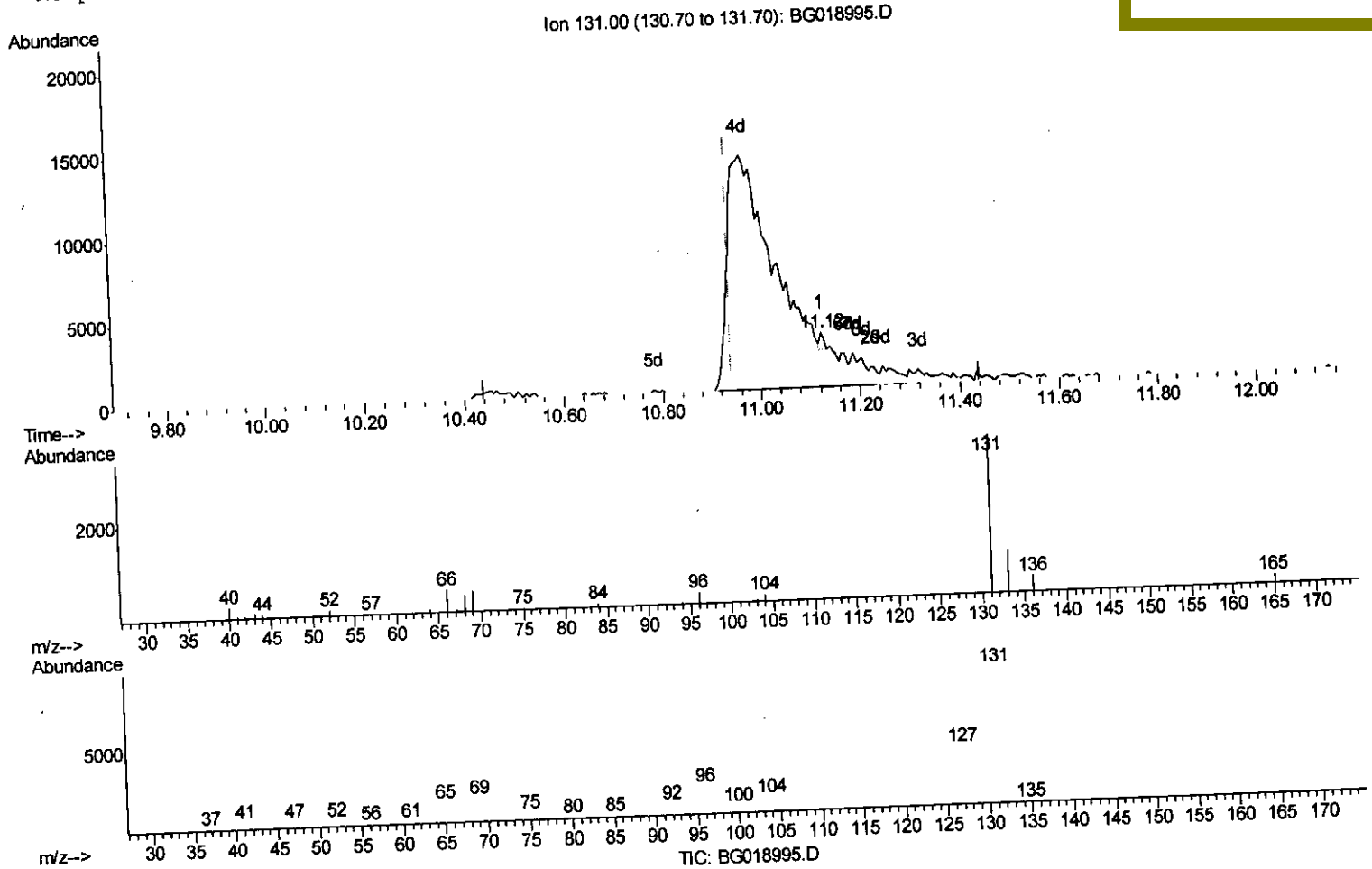
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(29) 4-Chloroaniline-d4 (S)
 11.122min (+0.183) 0.16ng/ul
 response 606

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	30.29
69.00	18.90	16.87
0.00	0.00	0.00

Quantitation Report (Qedit)

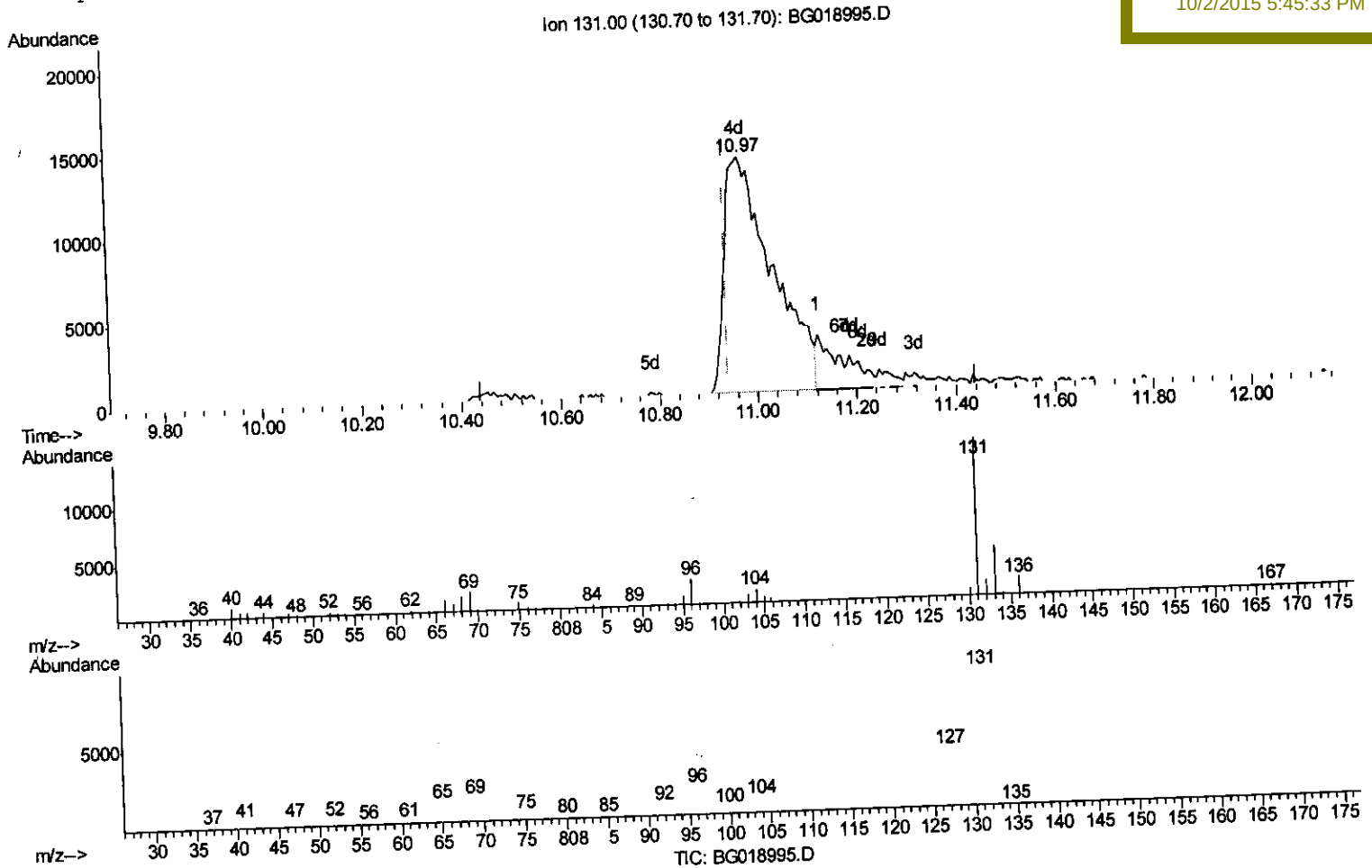
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(29) 4-Chloroaniline-d4 (S)

10.969min (+0.030) 24.49ng/ul m

response 94460

Ion Exp% Act%

131.00 100 100

133.00 32.00 31.66

69.00 18.90 13.21#

0.00 0.00 0.00

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 1015115

SOM02.2-EPA-BG091015.M Fri Oct 02 13:26:36 2015

Quantitation Report (Qedit)

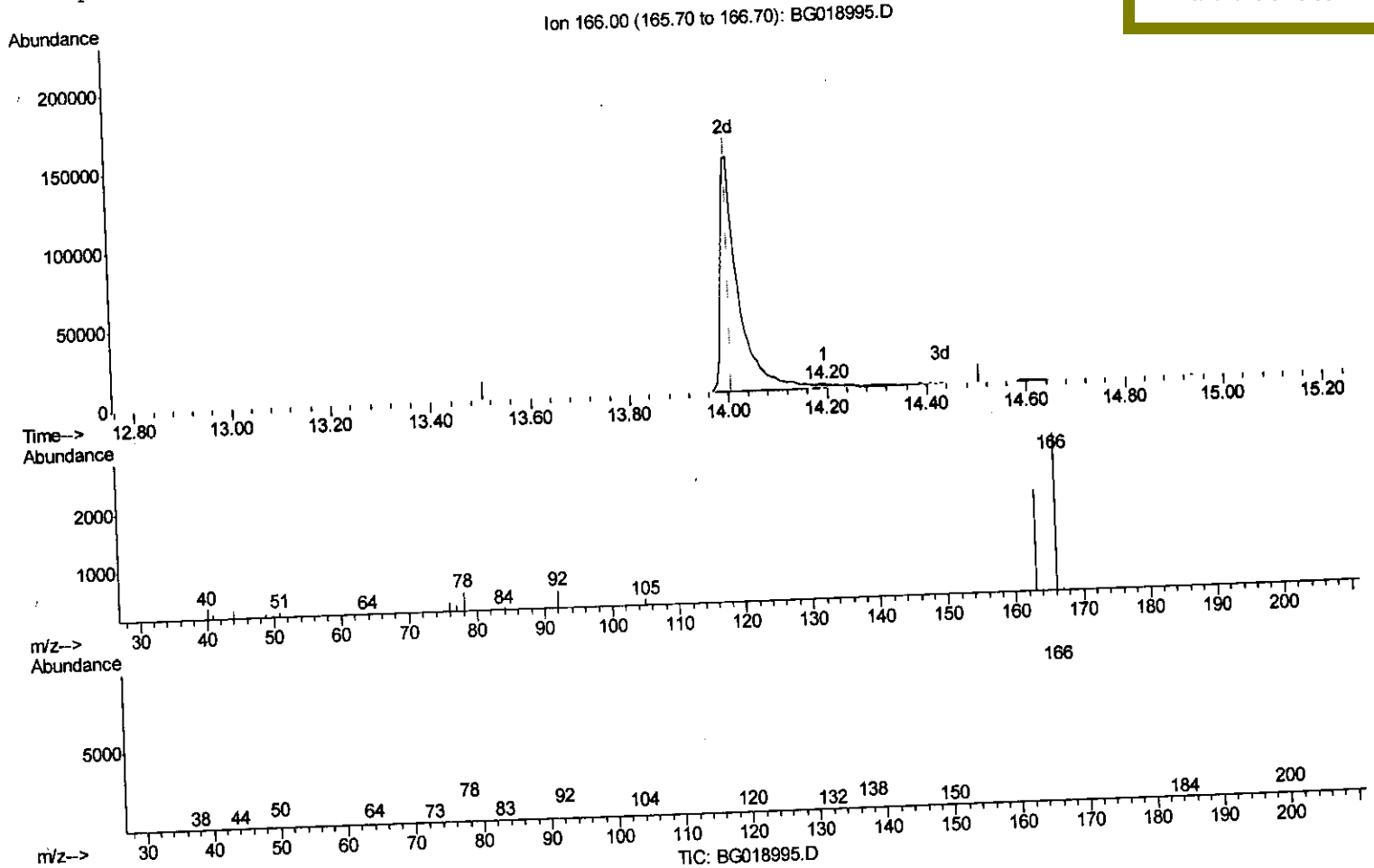
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(44) Dimethylphthalate-d6 (S)

14.195min (+0.189) 0.10ng/ul

response 1169

Ion	Exp%	Act%
166.00	100	100
78.00	17.70	16.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

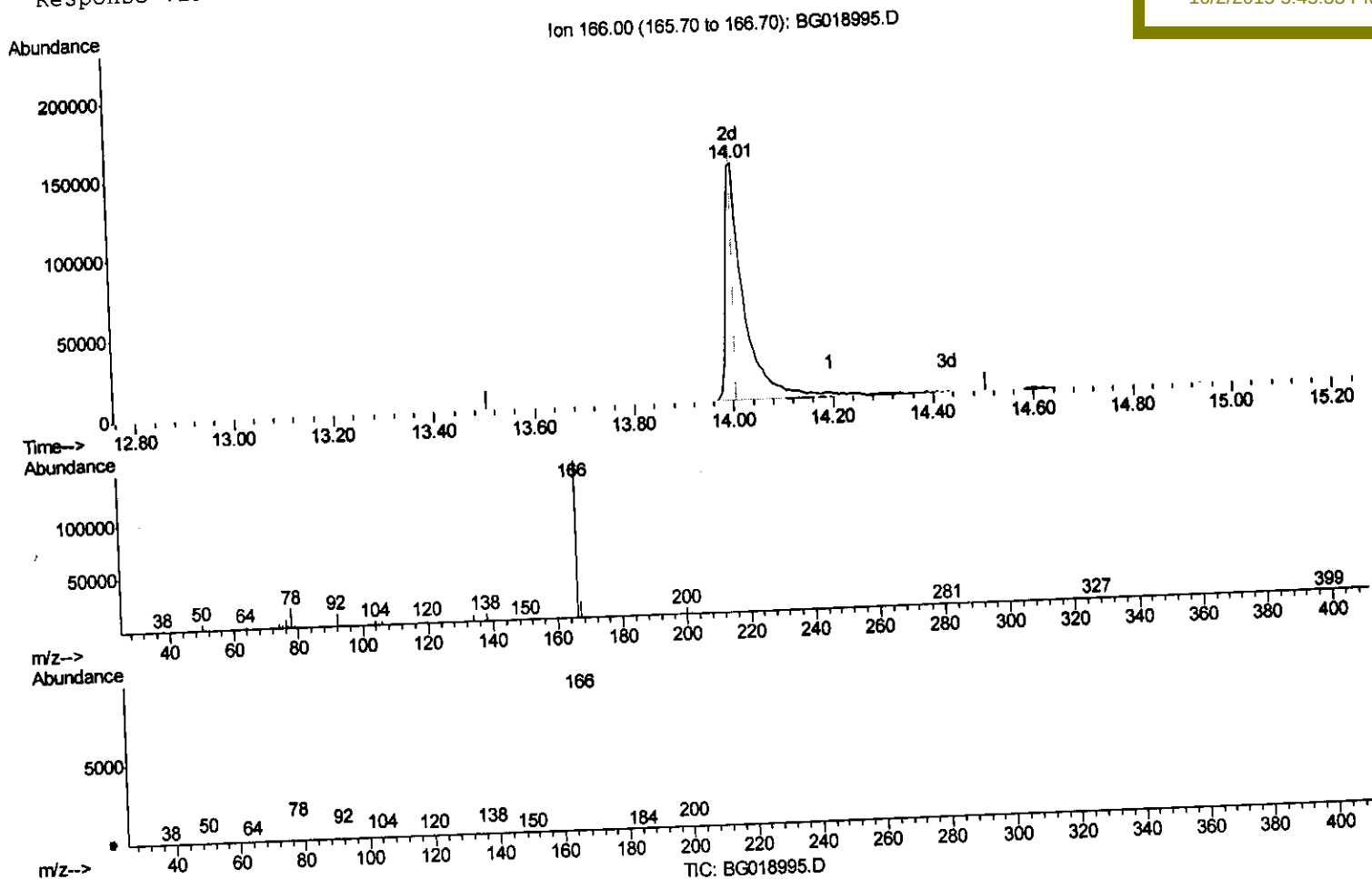
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:45:33 PM



(44) Dimethylphthalate-d6 (S)

14.007min (+0.001) 30.89ng/ul m

response 358722

Ion Exp% Act%

166.00 100 100

78.00 17.70 12.22#

0.00 0.00 0.00

0.00 0.00 0.00

> U.M
 1015115

Quantitation Report (Qedit)

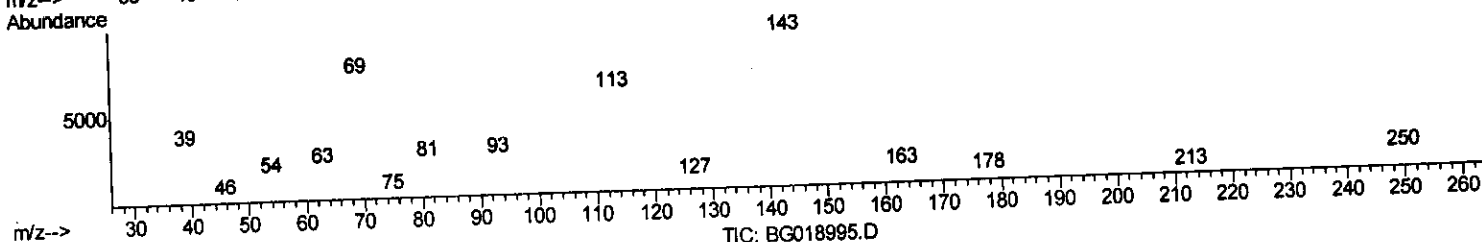
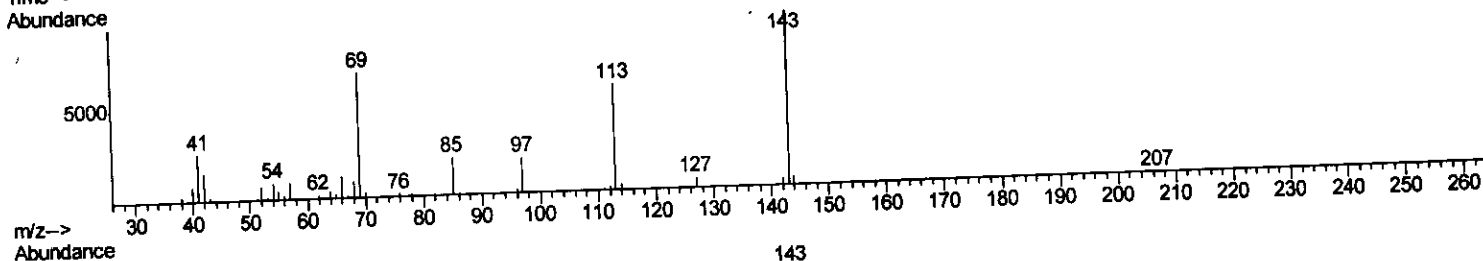
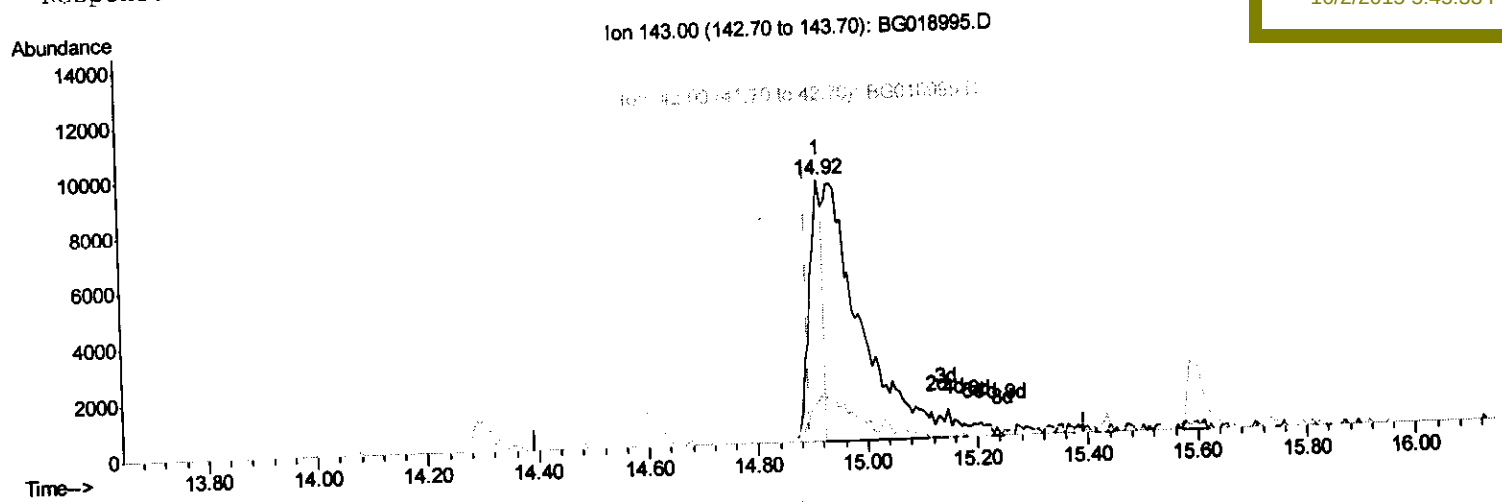
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:15:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
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 10/2/2015 5:45:33 PM



(52) 4-Nitrophenol-d4 (S)

14.918min (+0.024) 7.42ng/ul

response 16545

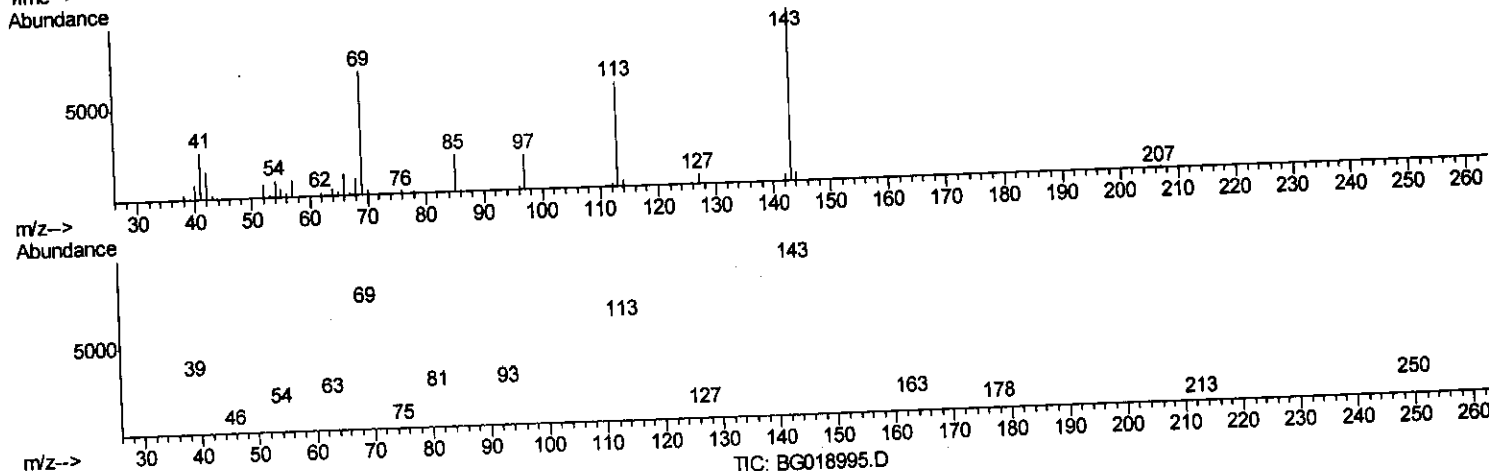
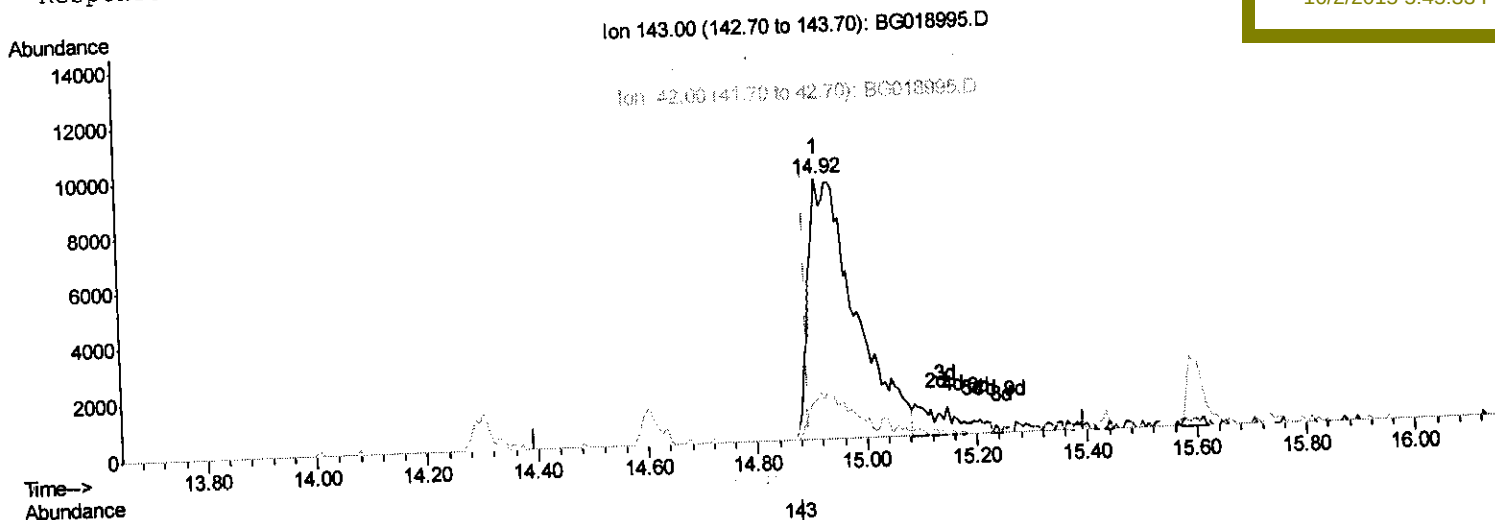
Ion	Exp%	Act%
143.00	100	100
113.00	83.50	61.24#
41.00	51.70	28.05#
42.00	30.70	17.57#

```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\  
Data File : BG018995.D  
Acq On : 2 Oct 2015 1:12  
Operator : UM/NP  
Sample : G3865-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1
```

Manual Integrations

MMDadoda
10/2/2015 5:45:33 PM

Quant Time: Oct 02 13:15:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration



14.918min (+0.024) 25.23ng/ul m

response 56231

Ion	Exp%	Act%
-----	------	------

143.00	100	100
113.00	83.50	61.24#
41.00	51.70	28.05#
42.00	30.70	17.57#

$$\frac{30.13}{1015115}$$

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018995.D
 Acq On : 2 Oct 2015 1:12
 Operator : UM/NP
 Sample : G3865-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY3

Quant Time: Oct 02 13:32:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
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 10/2/2015 5:45:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	46921	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	206656	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	144292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	376256	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	469860	20.00	ng/ul	0.00
86) Perylene-d12	24.77	264	468838	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5930	6.08	ng/uL	0.00
5) Phenol-d5	7.21	99	75559m	19.61	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.30	67	61572	27.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	84283	28.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	90969m	29.10	ng/ul	0.03
19) Nitrobenzene-d5	9.15	128	51391m	32.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	50175	31.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	93811m	28.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.97	131	94460m	24.49	ng/ul	0.03
44) Dimethylphthalate-d6	14.01	166	358722m	30.89	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	460572	33.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	56231m	25.23	ng/ul	0.02
58) Fluorene-d10	15.59	176	344267	33.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	33936	19.05	ng/ul	0.00
71) Anthracene-d10	17.45	188	556399	33.59	ng/ul	0.00
79) Pyrene-d10	19.73	212	688282	31.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	757448	33.20	ng/ul	-0.01
Target Compounds						
45) Dimethylphthalate	14.05	163	198750	17.66	ng/ul	98

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

U.M
 10/5/15