

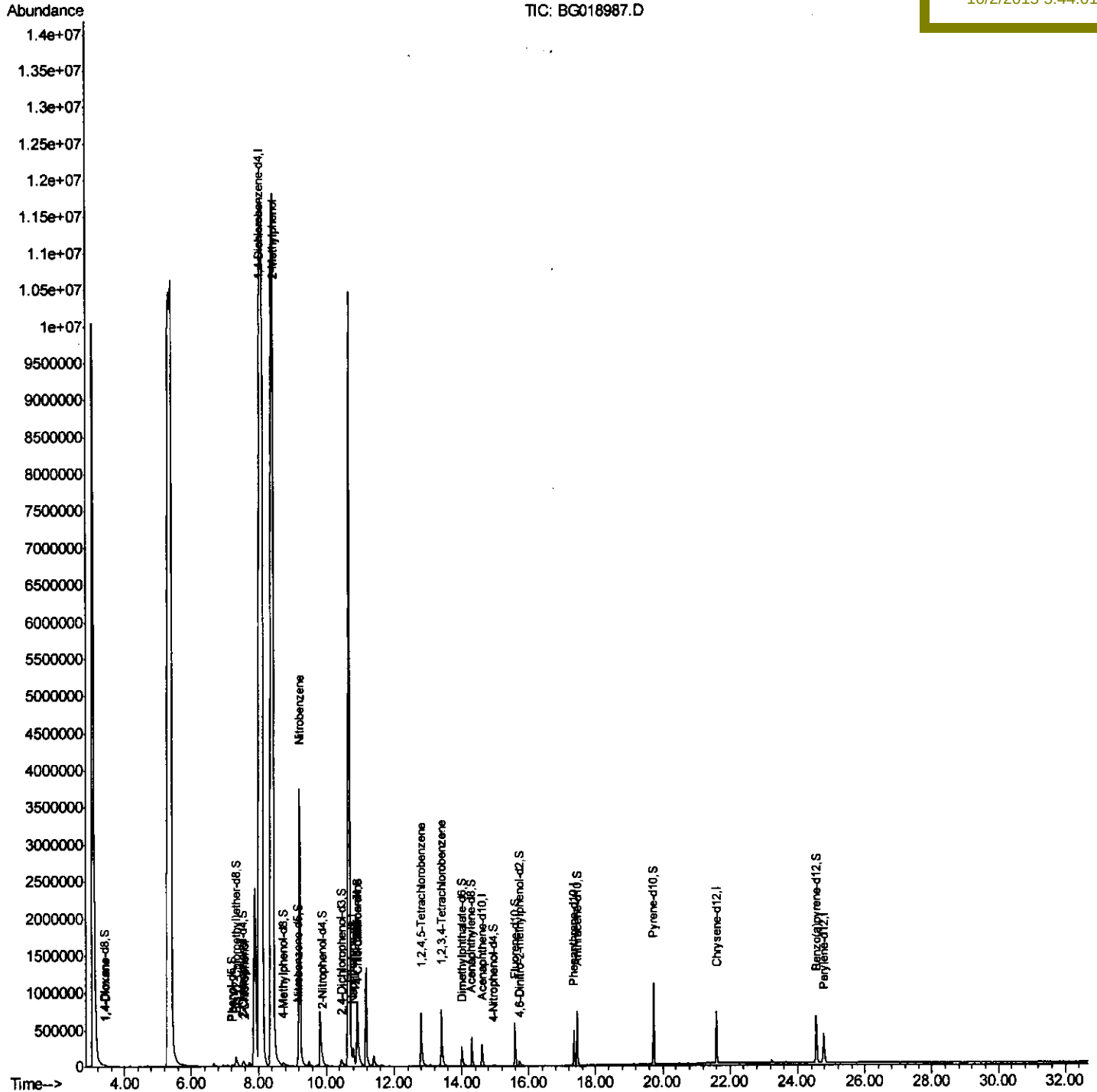
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
Data File : BG018987.D  
Acq On : 1 Oct 2015 20:09  
Operator : UM/NP  
Sample : G3831-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 02 12:28:49 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  
Client Sample ID :  
C0AP7

Manual Integrations  
APPROVED

MMDadoda  
10/2/2015 5:44:01 PM



# Quantitation Report (Qedit)

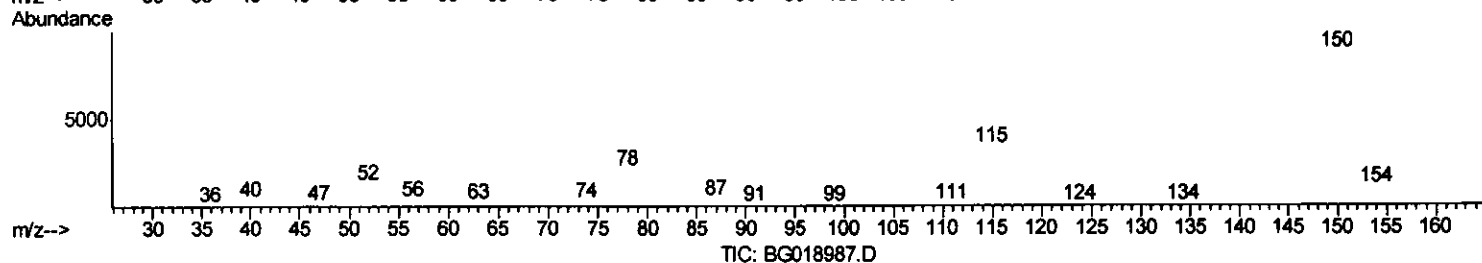
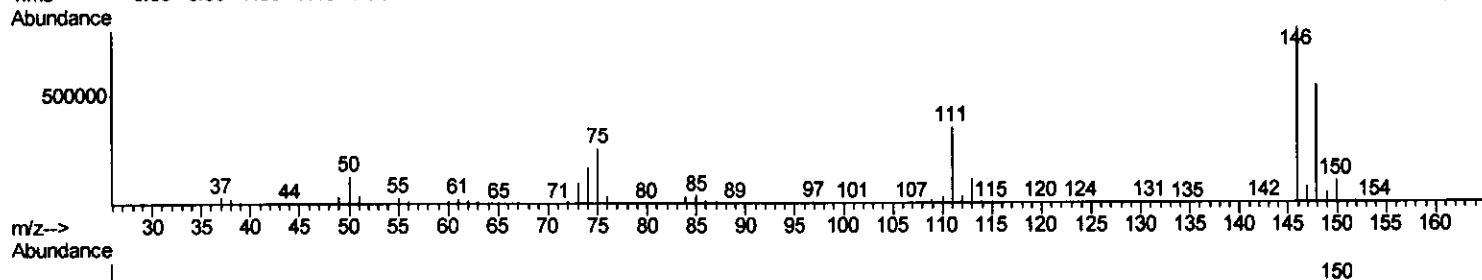
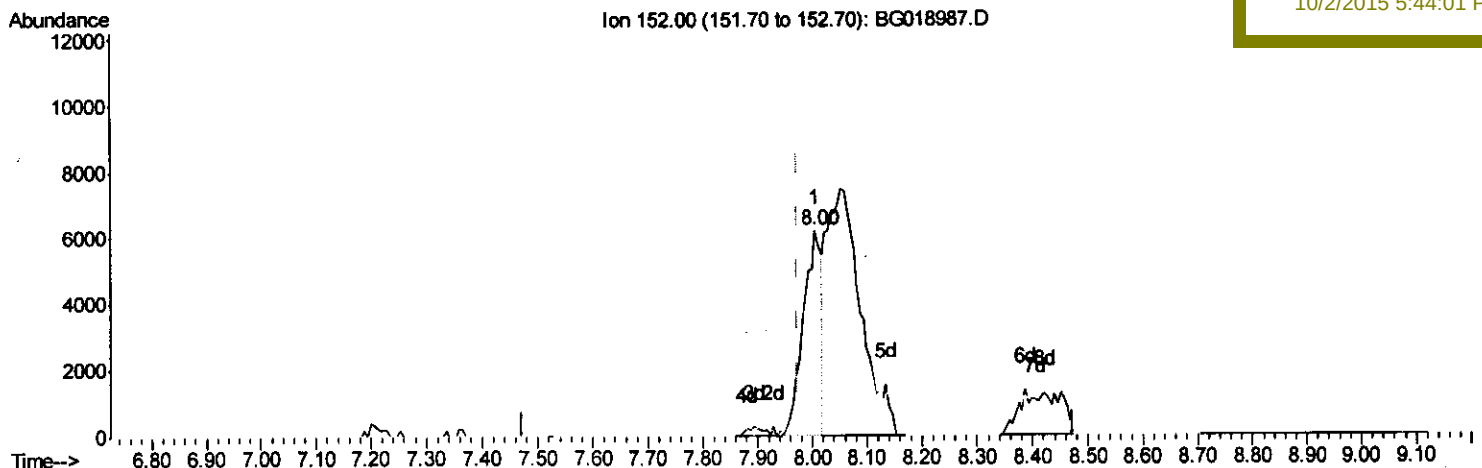
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:21:40 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 5:44:01 PM



(1) 1,4-Dichlorobenzene-d4 (I)

8.005min (+0.032) 20.00ng/ul

response 14322

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 115.00 | 59.40 | 52.18 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

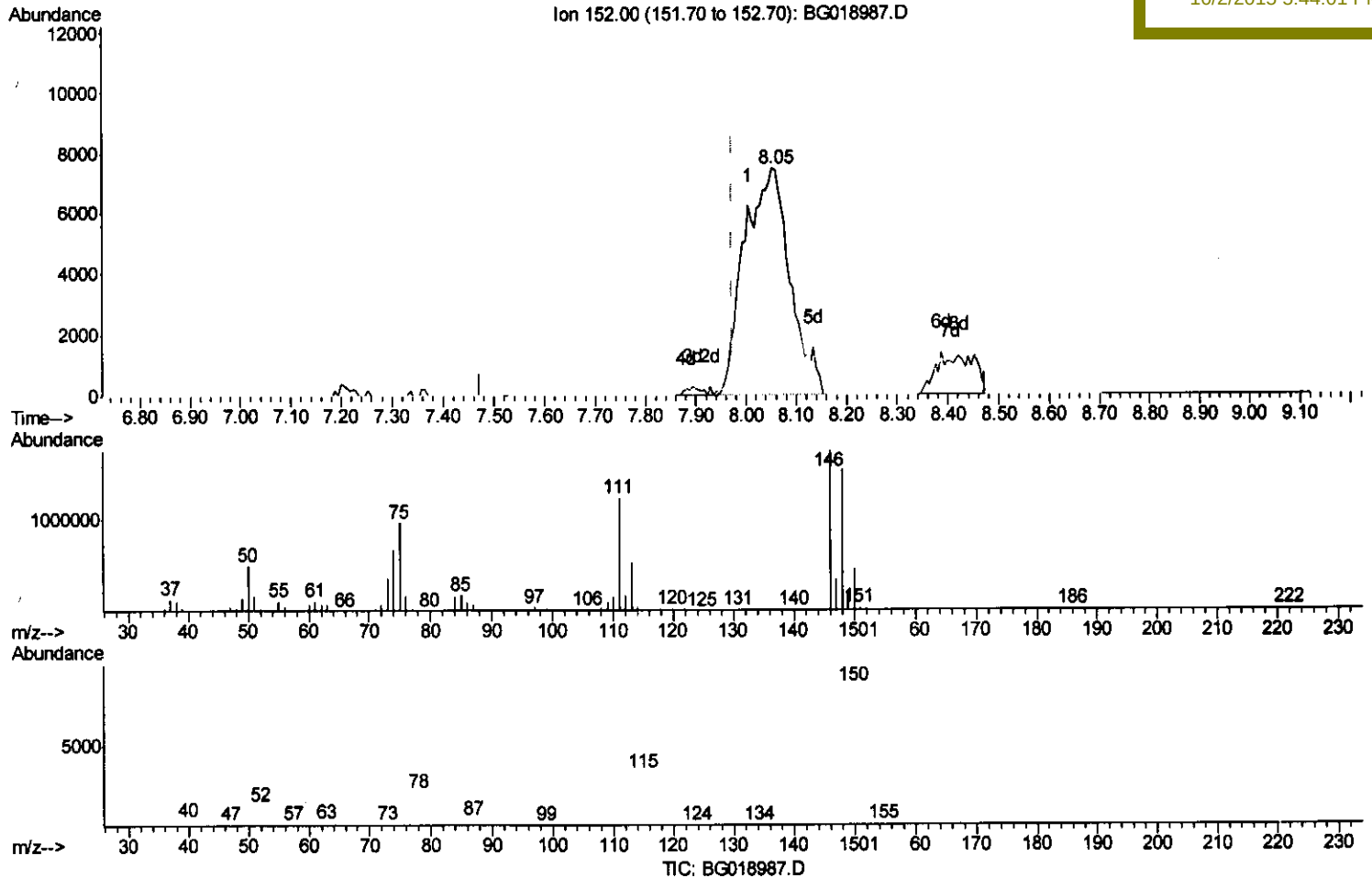
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:21:40 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 5:44:01 PM



(1) 1,4-Dichlorobenzene-d4 (I)

8.052min (+0.079) 20.00ng/ul m

response 46479

>  $\frac{0.00}{1015115}$

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 152.00 | 100   | 100   |
| 115.00 | 59.40 | 62.00 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

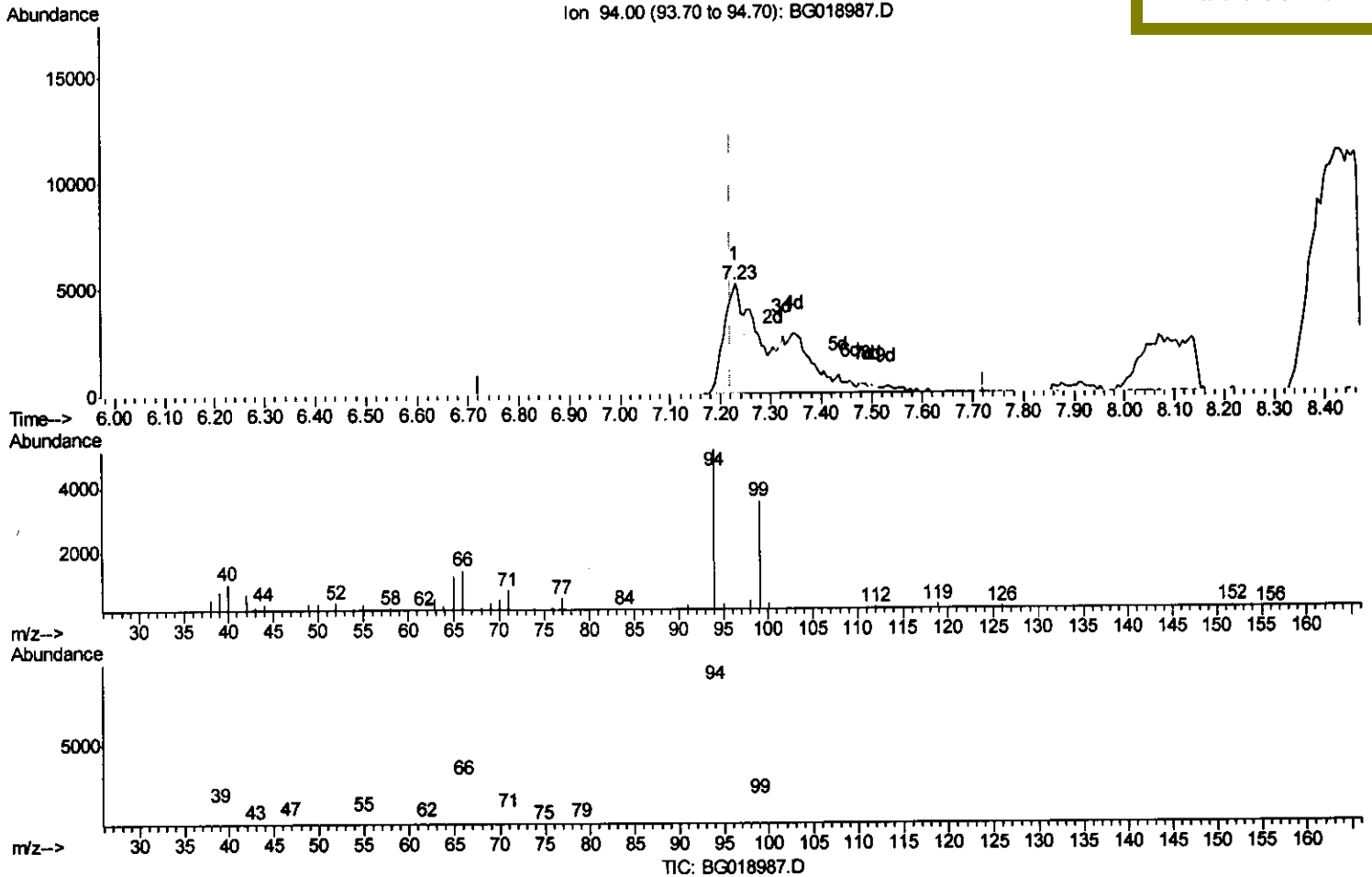
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(6) Phenol

7.229min (+0.009) 3.24ng/ul

response 12786

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 94.00 | 100   | 100    |
| 65.00 | 28.80 | 23.72  |
| 66.00 | 38.70 | 26.98# |
| 0.00  | 0.00  | 0.00   |

# Quantitation Report (Qedit)

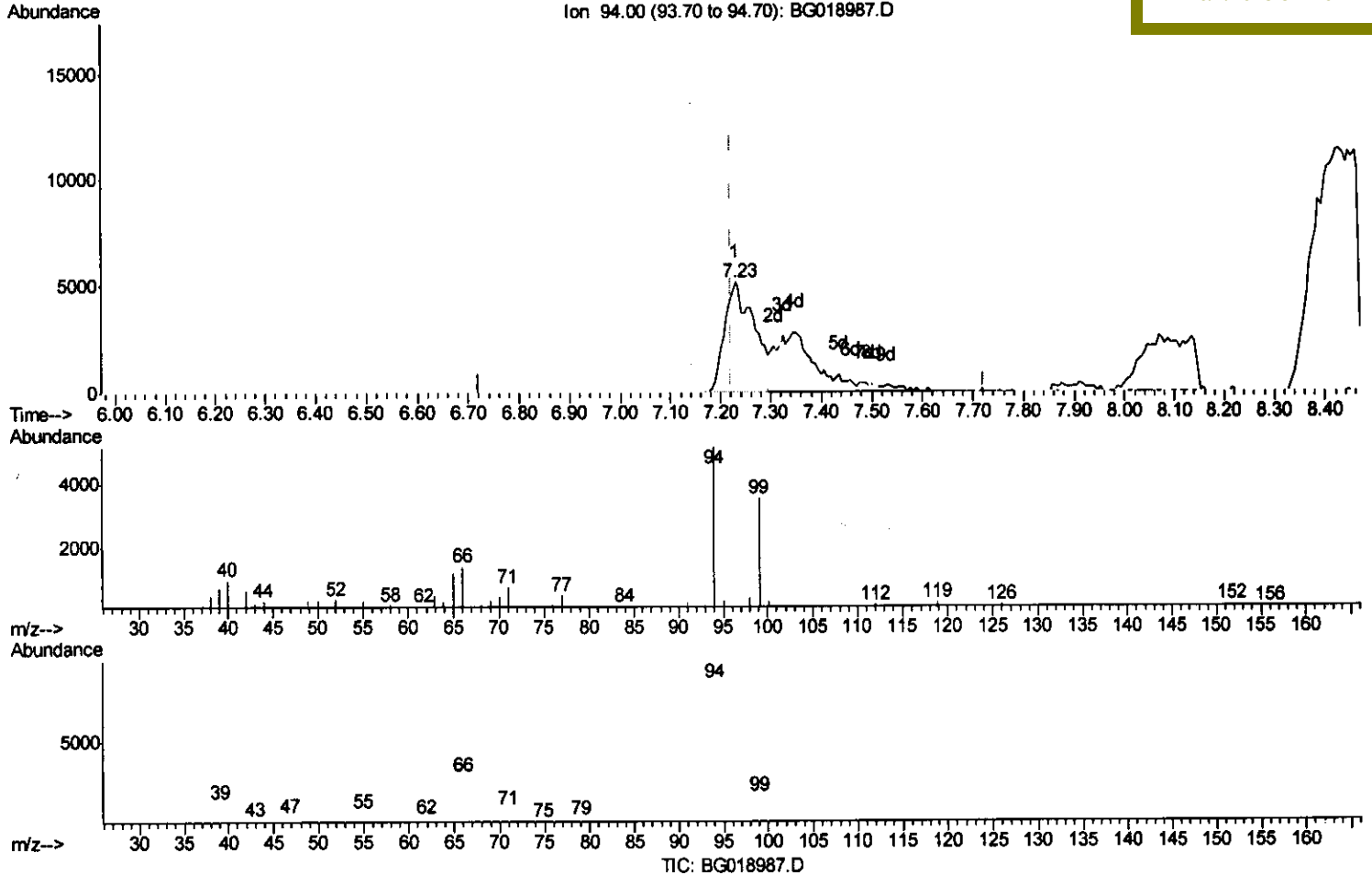
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(6) Phenol

7.229min (+0.009) 5.31ng/ul m

response 20967

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 94.00 | 100   | 100    |
| 65.00 | 28.80 | 23.72  |
| 66.00 | 38.70 | 26.98# |
| 0.00  | 0.00  | 0.00   |

>  $\frac{U.M}{101515}$

# Quantitation Report (Qedit)

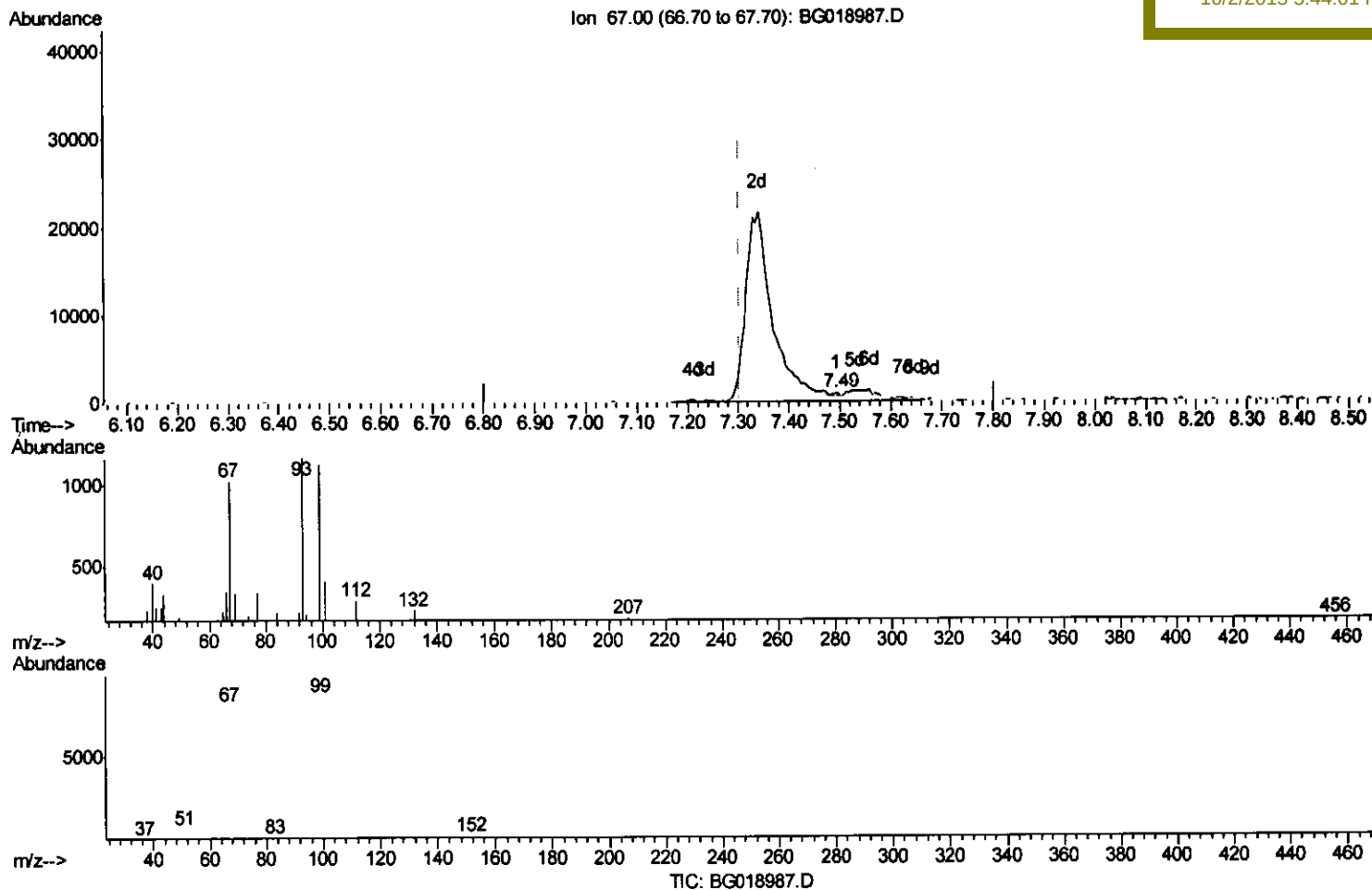
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.494min (+0.191) 0.13ng/ul

response 292

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100    | 100    |
| 99.00 | 117.30 | 109.94 |
| 69.00 | 33.10  | 31.38  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

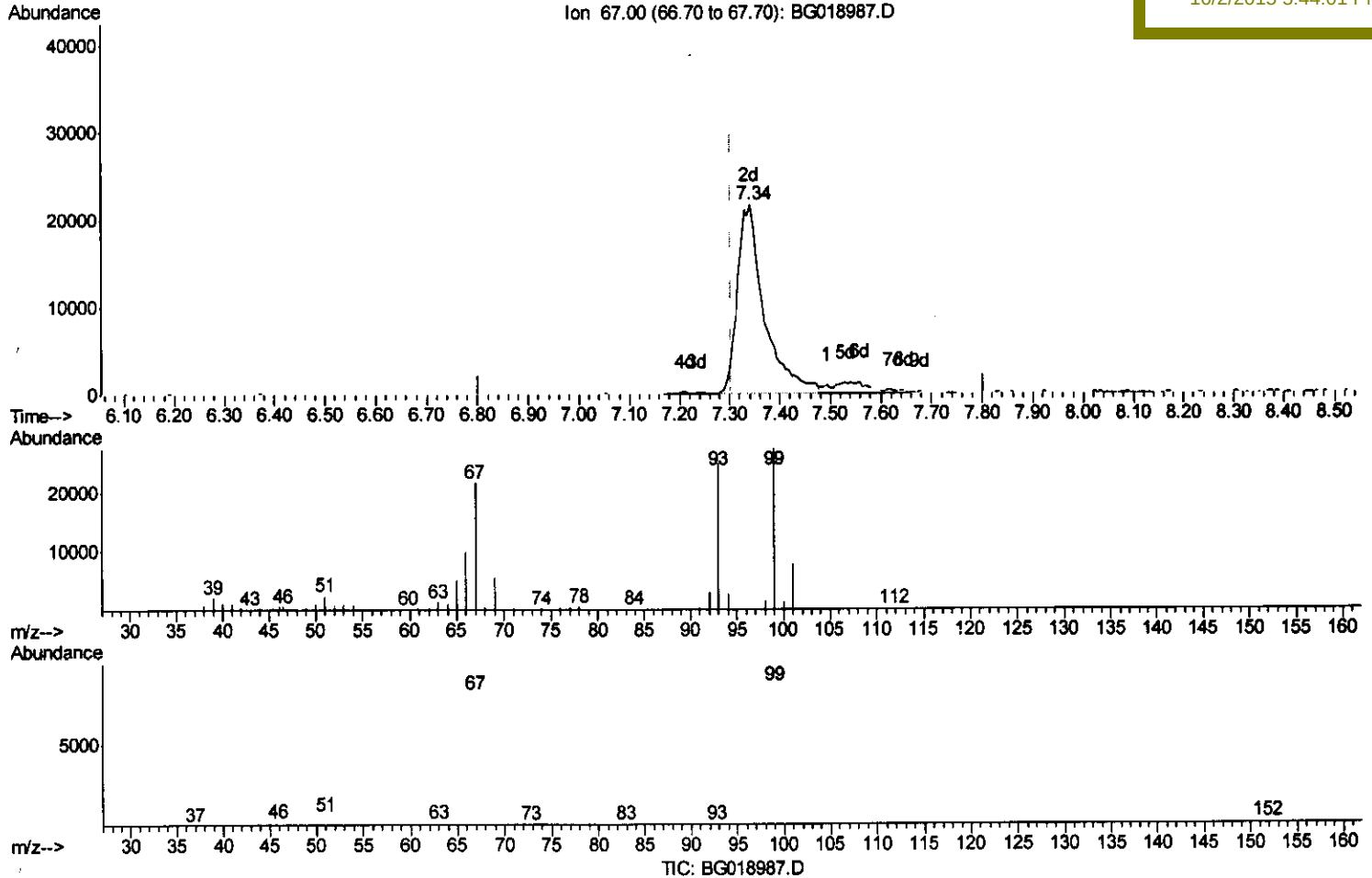
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.341min (+0.038) 36.57ng/ul m

response 80880

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100    | 100    |
| 99.00 | 117.30 | 127.02 |
| 69.00 | 33.10  | 26.20# |
| 0.00  | 0.00   | 0.00   |

> 0.1M  
 1015115

# Quantitation Report (Qedit)

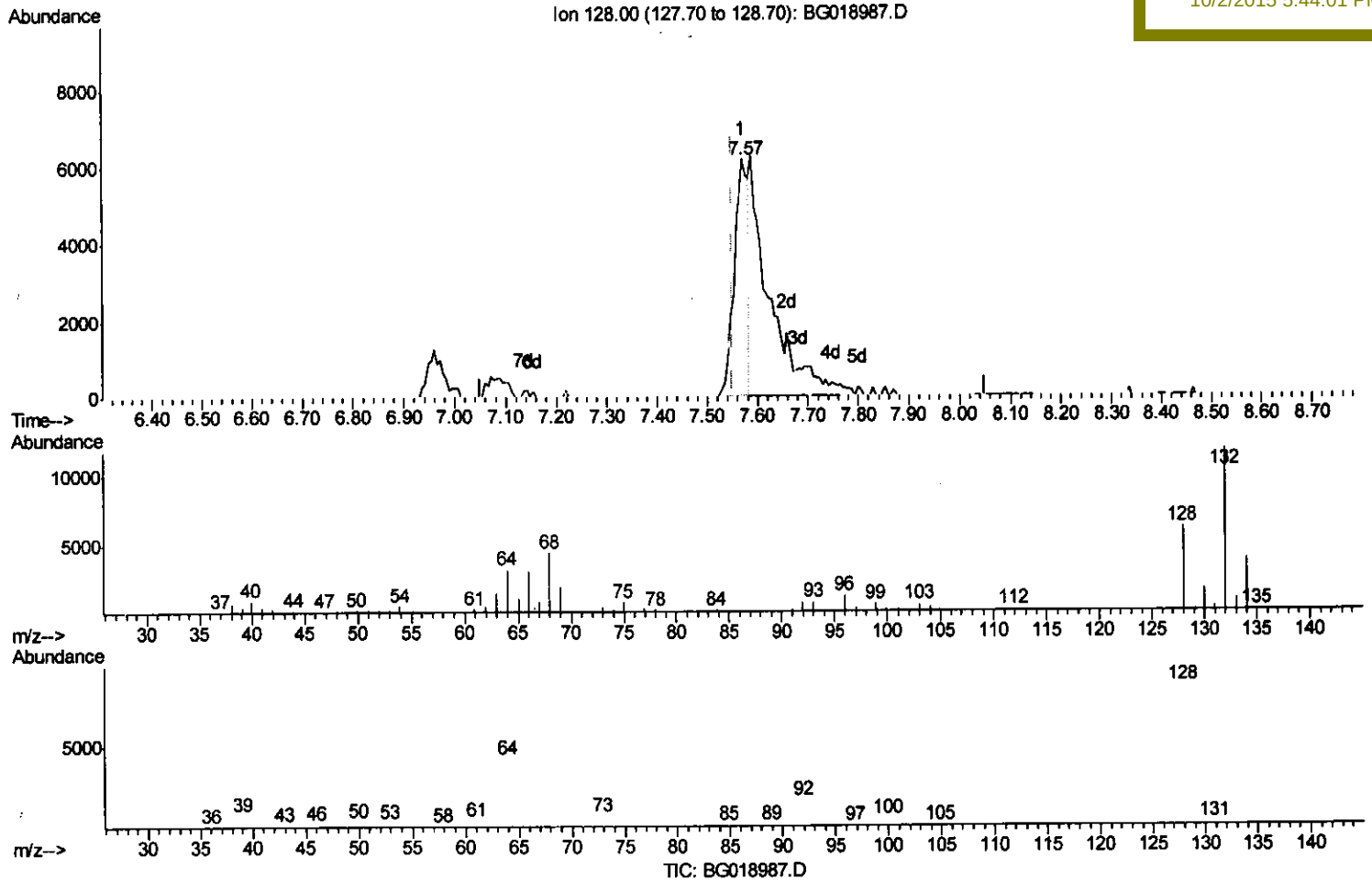
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(10) 2-Chlorophenol

7.570min (+0.021) 3.95ng/ul

response 11823

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 128.00 | 100   | 100   |
| 64.00  | 51.10 | 51.48 |
| 130.00 | 30.60 | 27.77 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

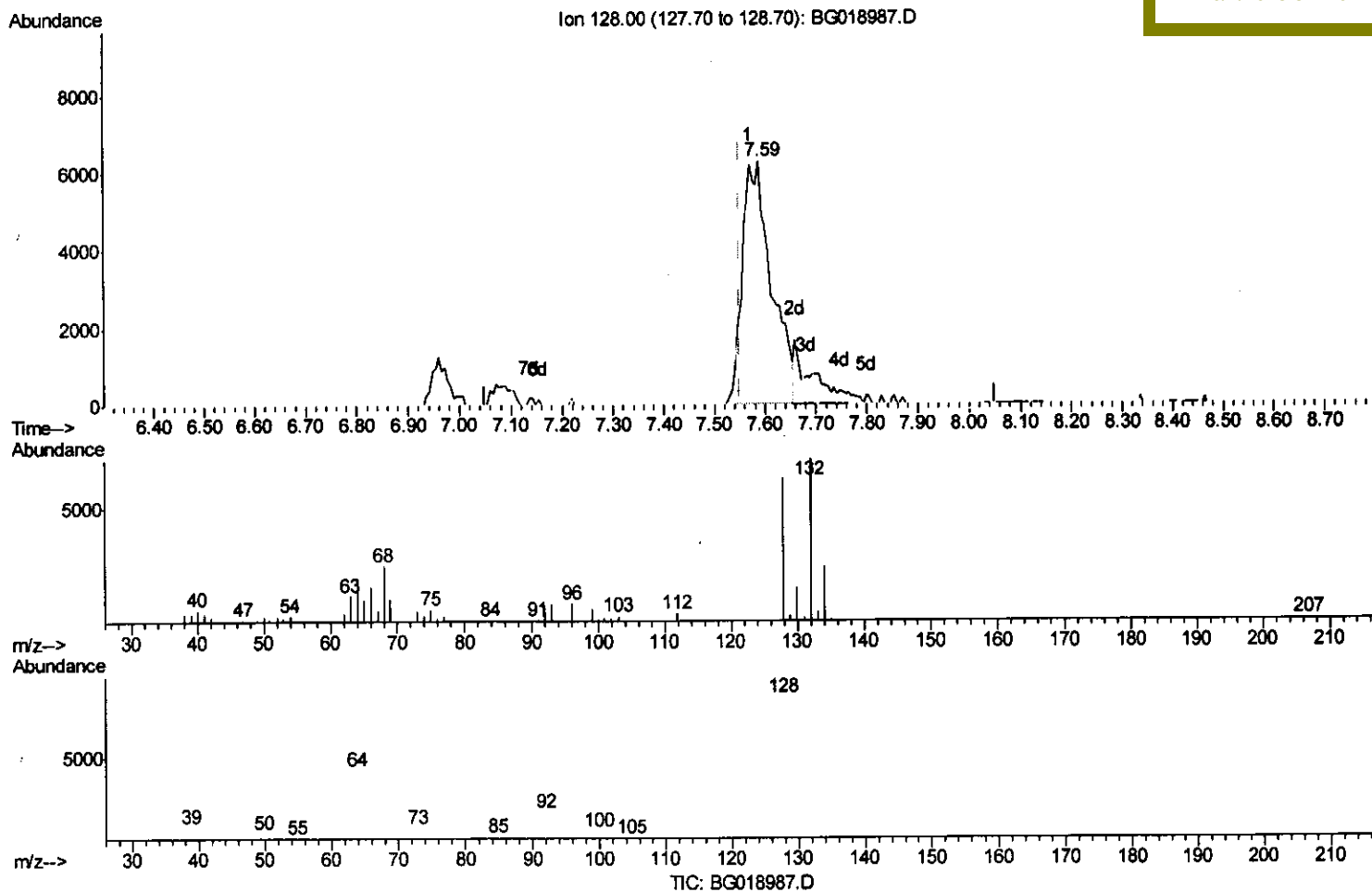
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(10) 2-Chlorophenol

7.588min (+0.038) 8.32ng/ul m

response 24896

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 128.00 | 100   | 100    |
| 64.00  | 51.10 | 32.77# |
| 130.00 | 30.60 | 25.30  |
| 0.00   | 0.00  | 0.00   |

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

# Quantitation Report (Qedit)

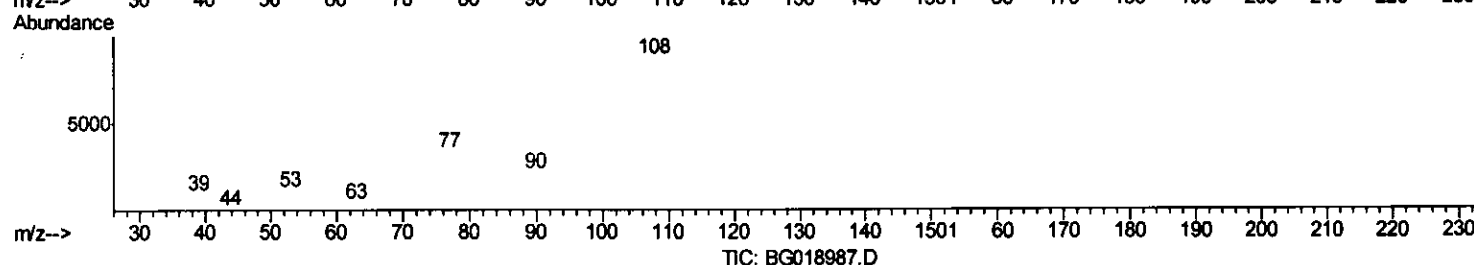
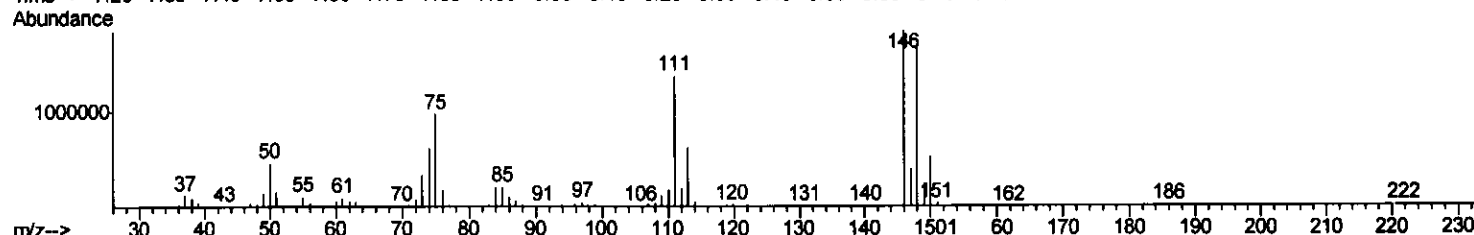
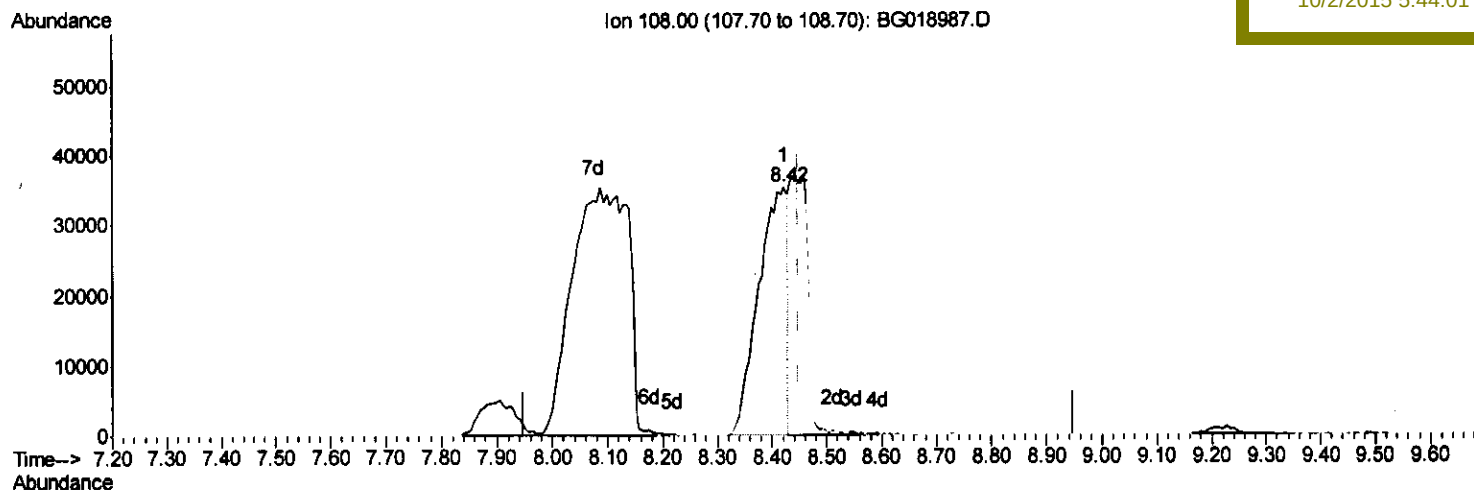
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(11) 2-Methylphenol

8.422min (-0.026) 42.48ng/ul

response 128971

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 108.00 | 100   | 100   |
| 107.00 | 90.10 | 86.90 |
| 0.00   | 0.00  | 0.00  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

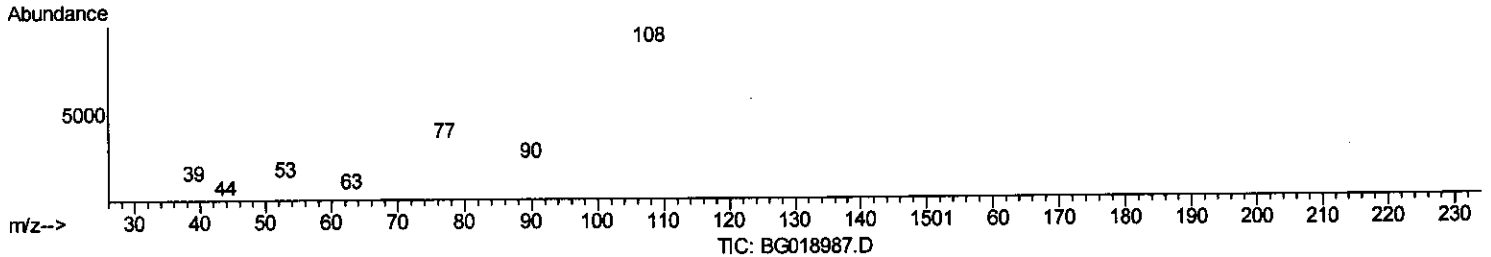
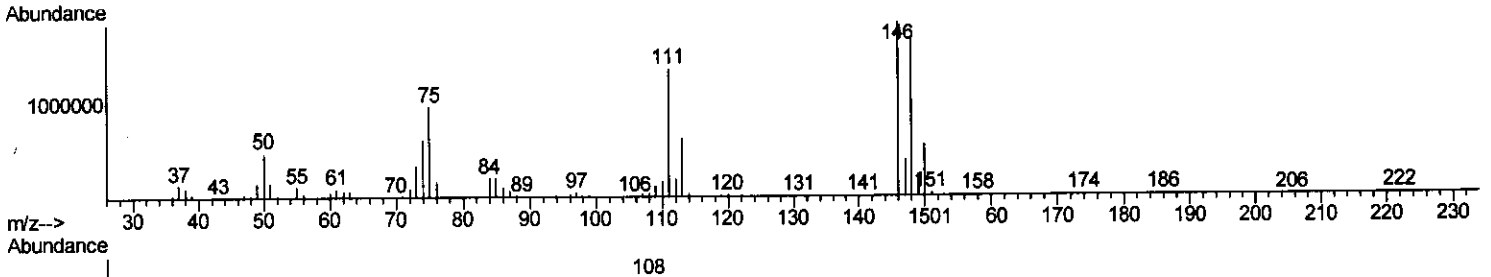
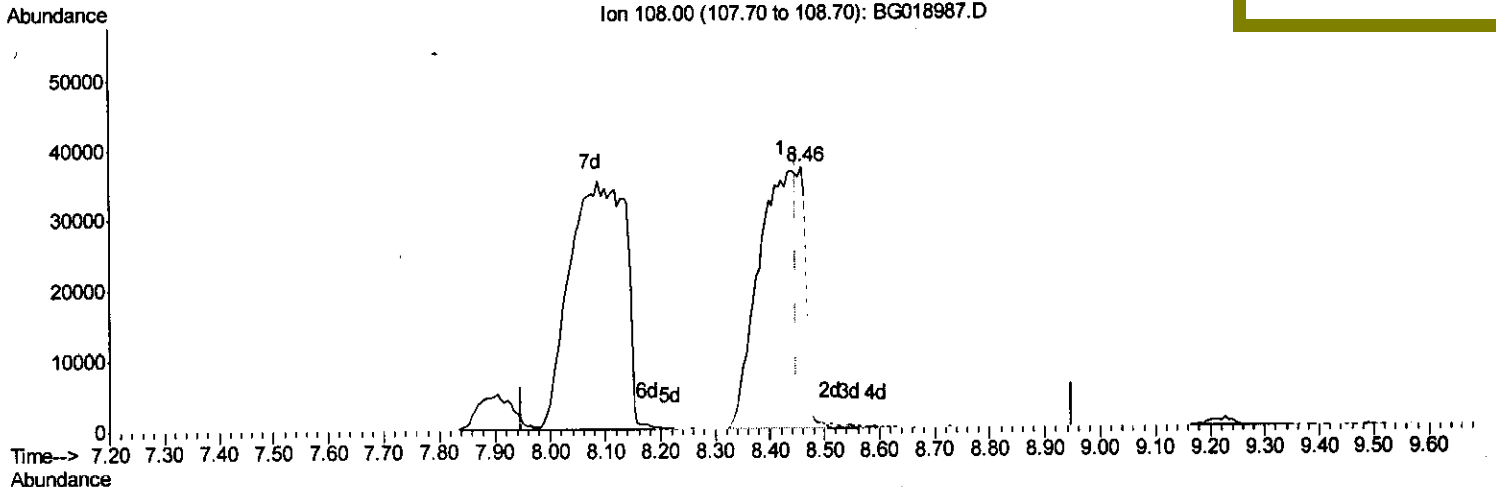
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(11) 2-Methylphenol

8.457min (+0.009) 69.53ng/ul m

response 211100

Ion Exp% Act%

108.00 100 100

107.00 90.10 87.09

0.00 0.00 0.00

0.00 0.00 0.00

> U.M  
 1015115

## Quantitation Report (Qedit)

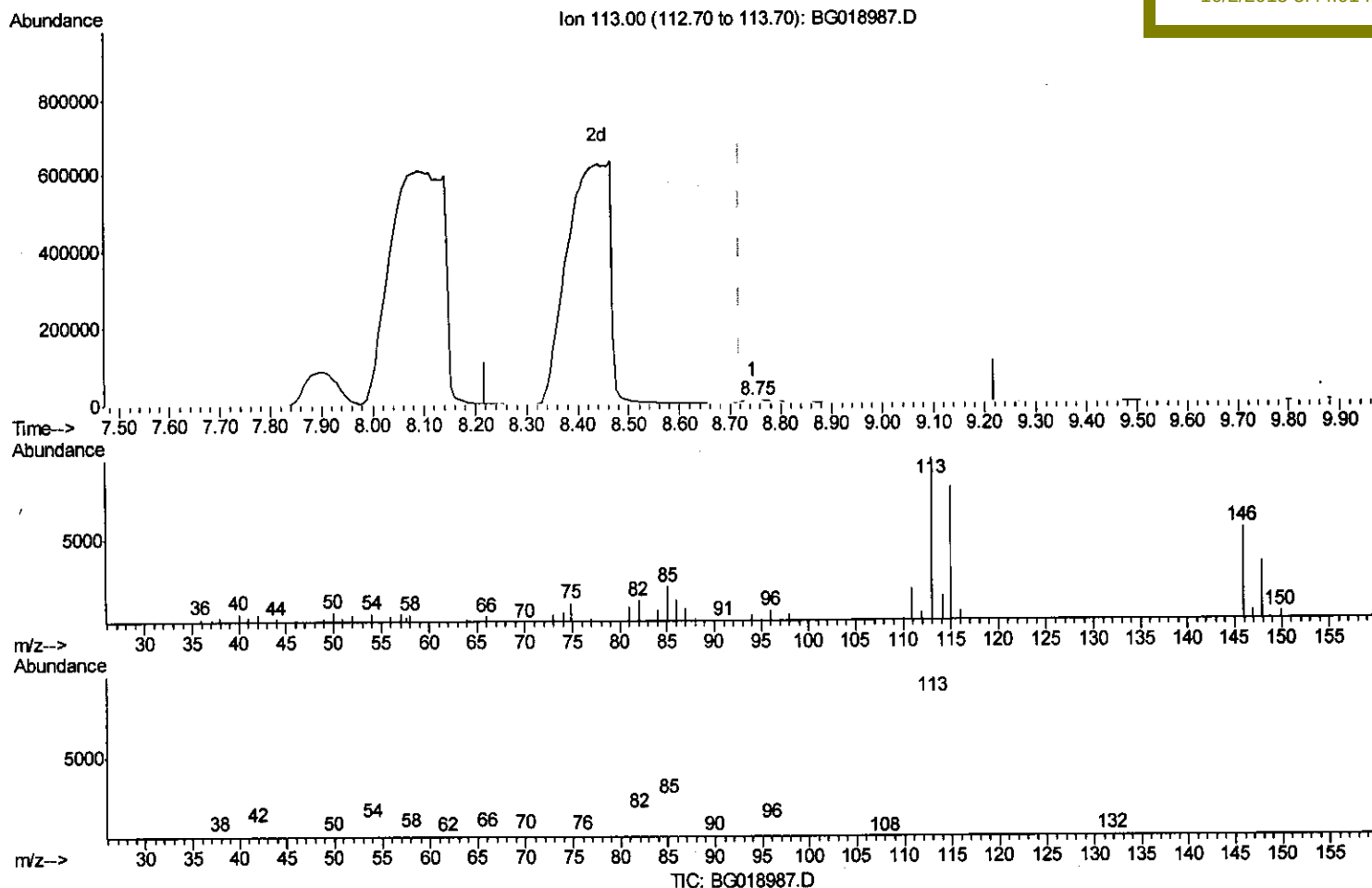
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
Data File : BG018987.D  
Acq On : 1 Oct 2015 20:09  
Operator : UM/NP  
Sample : G3831-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(13) 4-Methylphenol-d8 (S)

8.745min (+0.027) 9.53ng/ul

response 29526

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 92.60 | 81.50 |
| 54.00  | 13.60 | 6.51# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

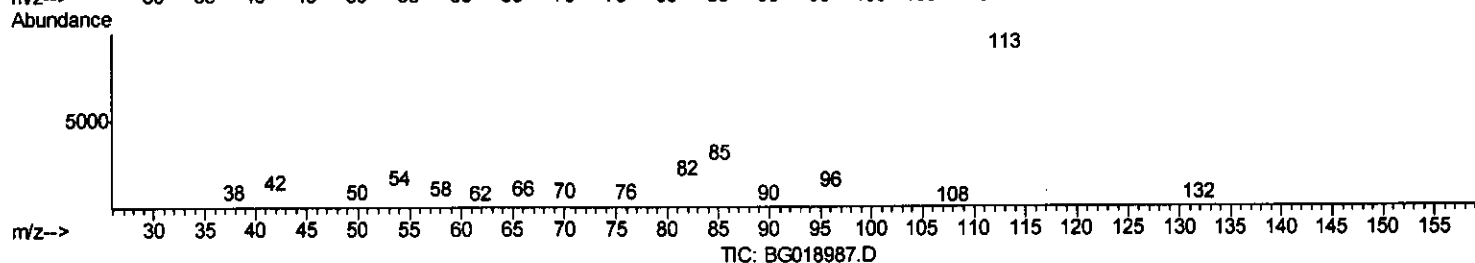
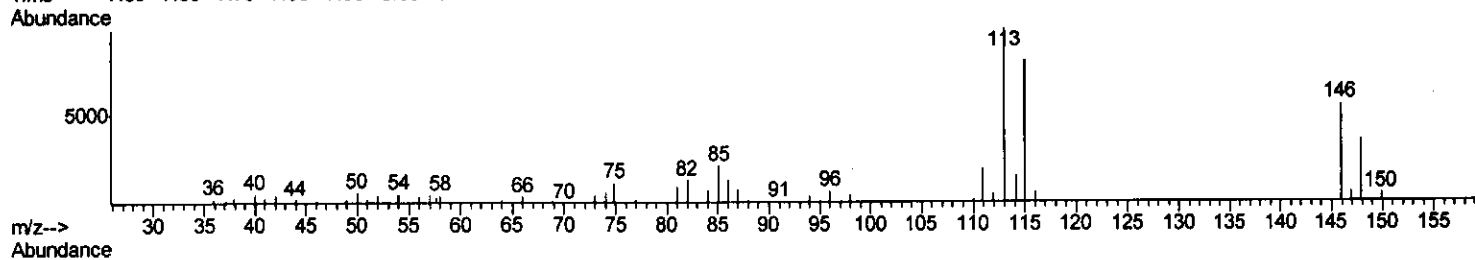
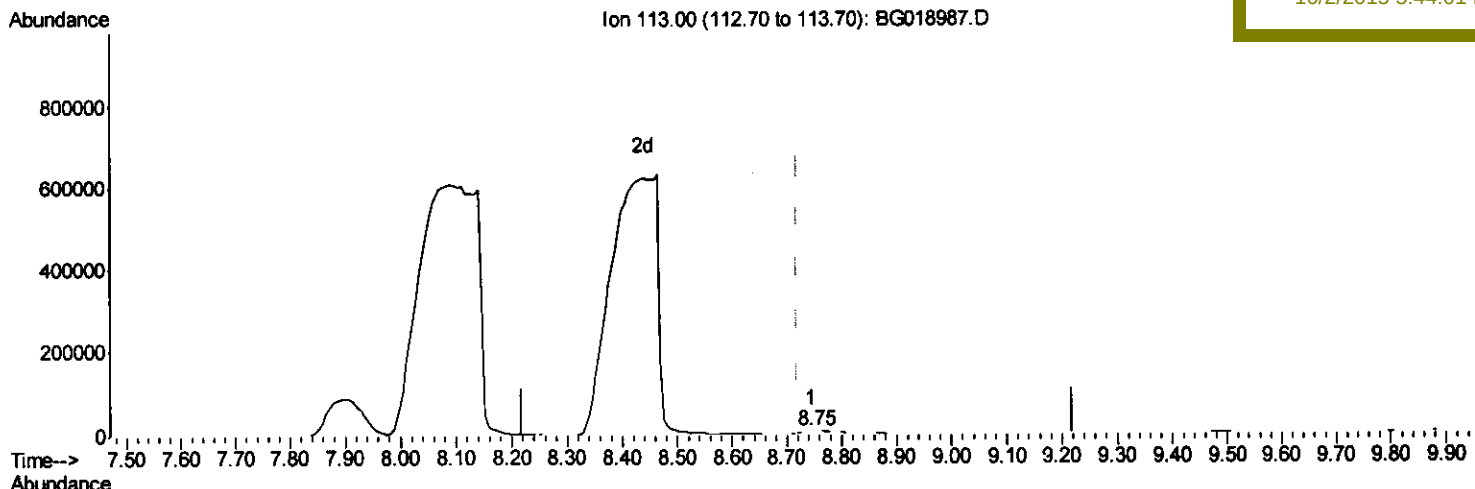
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(13) 4-Methylphenol-d8 (S)

8.745min (+0.027) 14.43ng/ul m

response 44688

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 113.00 | 100   | 100   |
| 115.00 | 92.60 | 81.50 |
| 54.00  | 13.60 | 6.51# |
| 0.00   | 0.00  | 0.00  |

U.M  
 10/5/15

# Quantitation Report (Qedit)

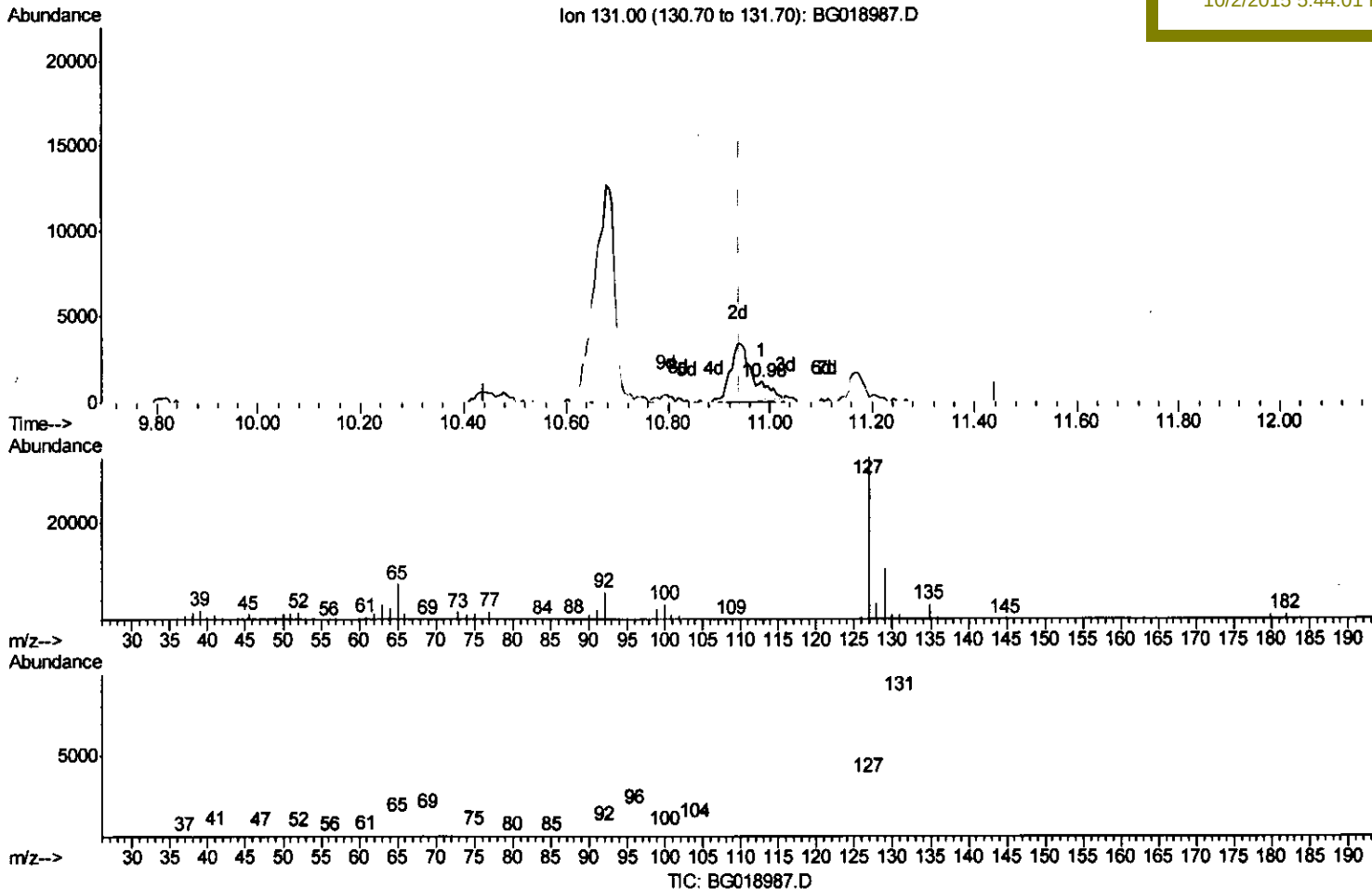
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(29) 4-Chloroaniline-d4 (S)

10.984min (+0.044) 0.42ng/ul

response 1775

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 32.00 | 29.02  |
| 69.00  | 18.90 | 25.35# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

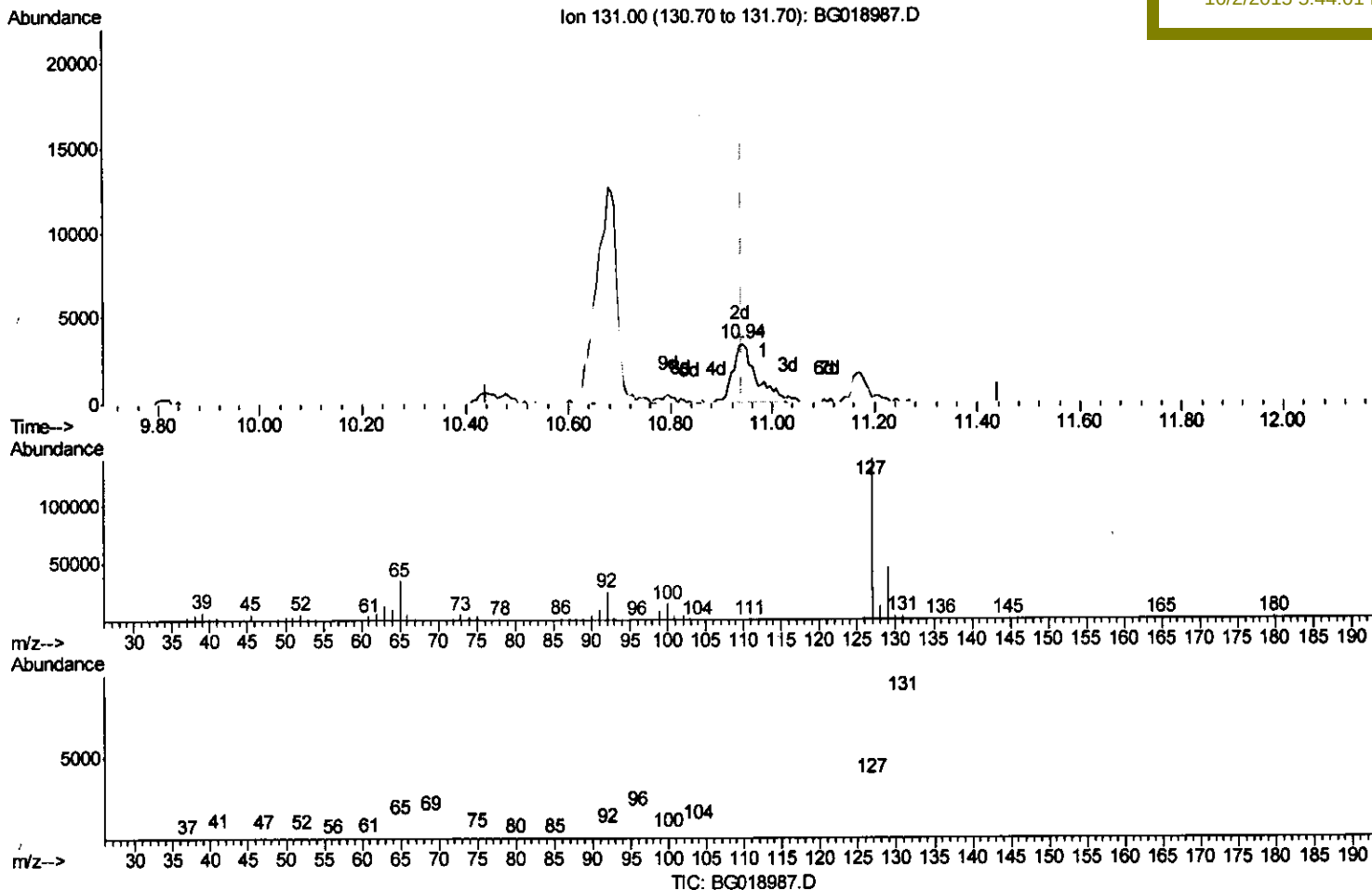
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(29) 4-Chloroaniline-d4 (S)

10.937min (-0.003) 2.62ng/ul m

response 11162

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 32.00 | 23.96# |
| 69.00  | 18.90 | 8.62#  |
| 0.00   | 0.00  | 0.00   |

> 0.1M  
 1015115

# Quantitation Report (Qedit)

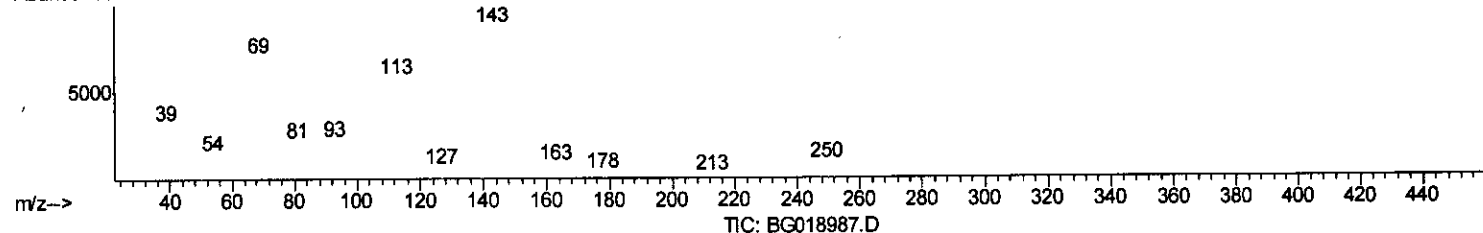
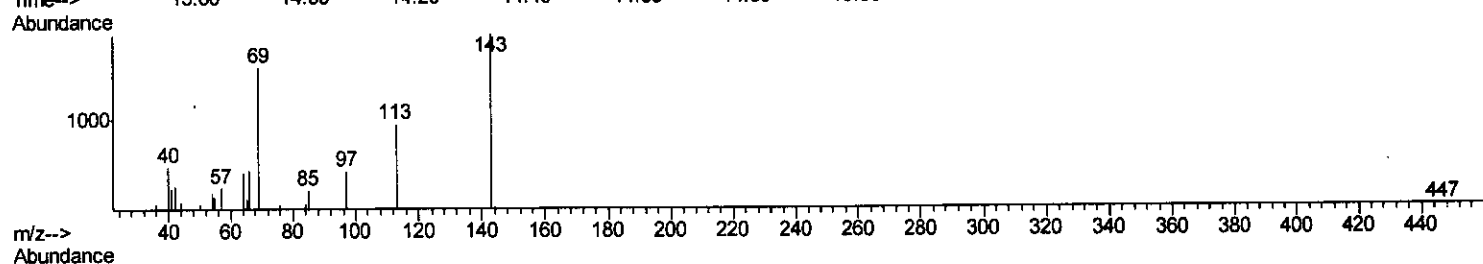
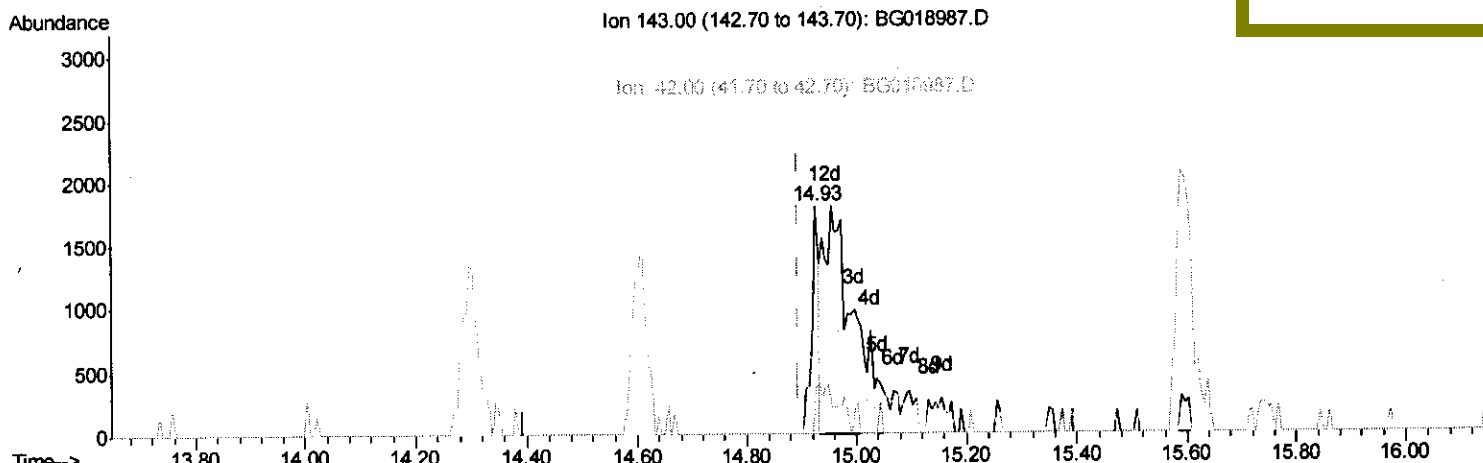
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(52) 4-Nitrophenol-d4 (S)

14.926min (+0.032) 0.75ng/ul

response 1666

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 83.50 | 52.50# |
| 41.00  | 51.70 | 19.08# |
| 42.00  | 30.70 | 20.30# |



# Quantitation Report (Qedit)

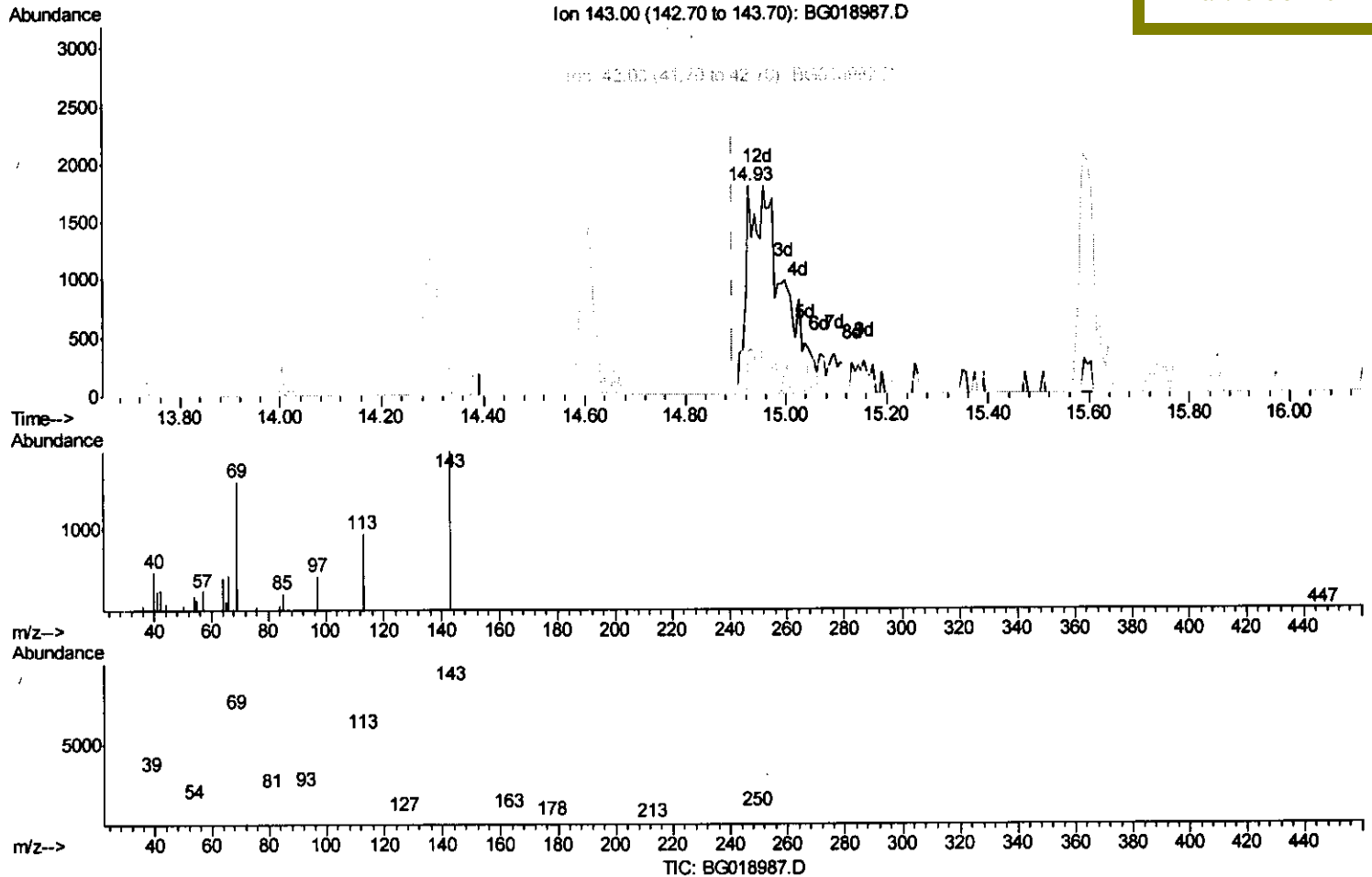
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(52) 4-Nitrophenol-d4 (S)

14.926min (+0.032) 3.97ng/ul m

response 8765

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 143.00 | 100   | 100    |
| 113.00 | 83.50 | 52.50# |
| 41.00  | 51.70 | 19.08# |
| 42.00  | 30.70 | 20.30# |

> 0.1M  
 1015115

# Quantitation Report (Qedit)

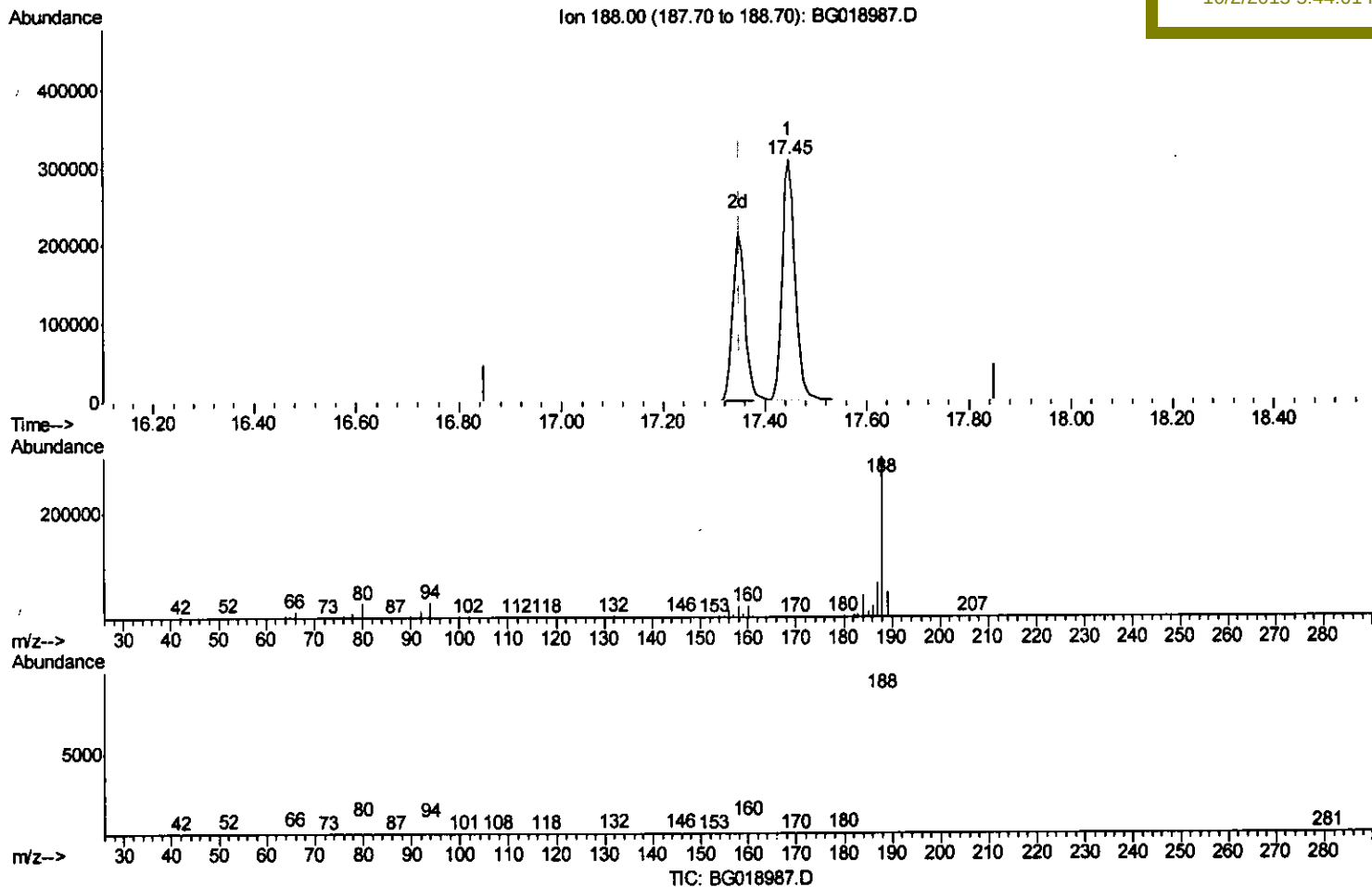
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(62) Phenanthrene-d10 (I)

17.447min (+0.097) 20.00ng/ul

response 542619

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 188.00 | 100   | 100  |
| 94.00  | 9.40  | 9.46 |
| 80.00  | 10.30 | 8.77 |
| 0.00   | 0.00  | 0.00 |

Quantitation Report (Qedit)

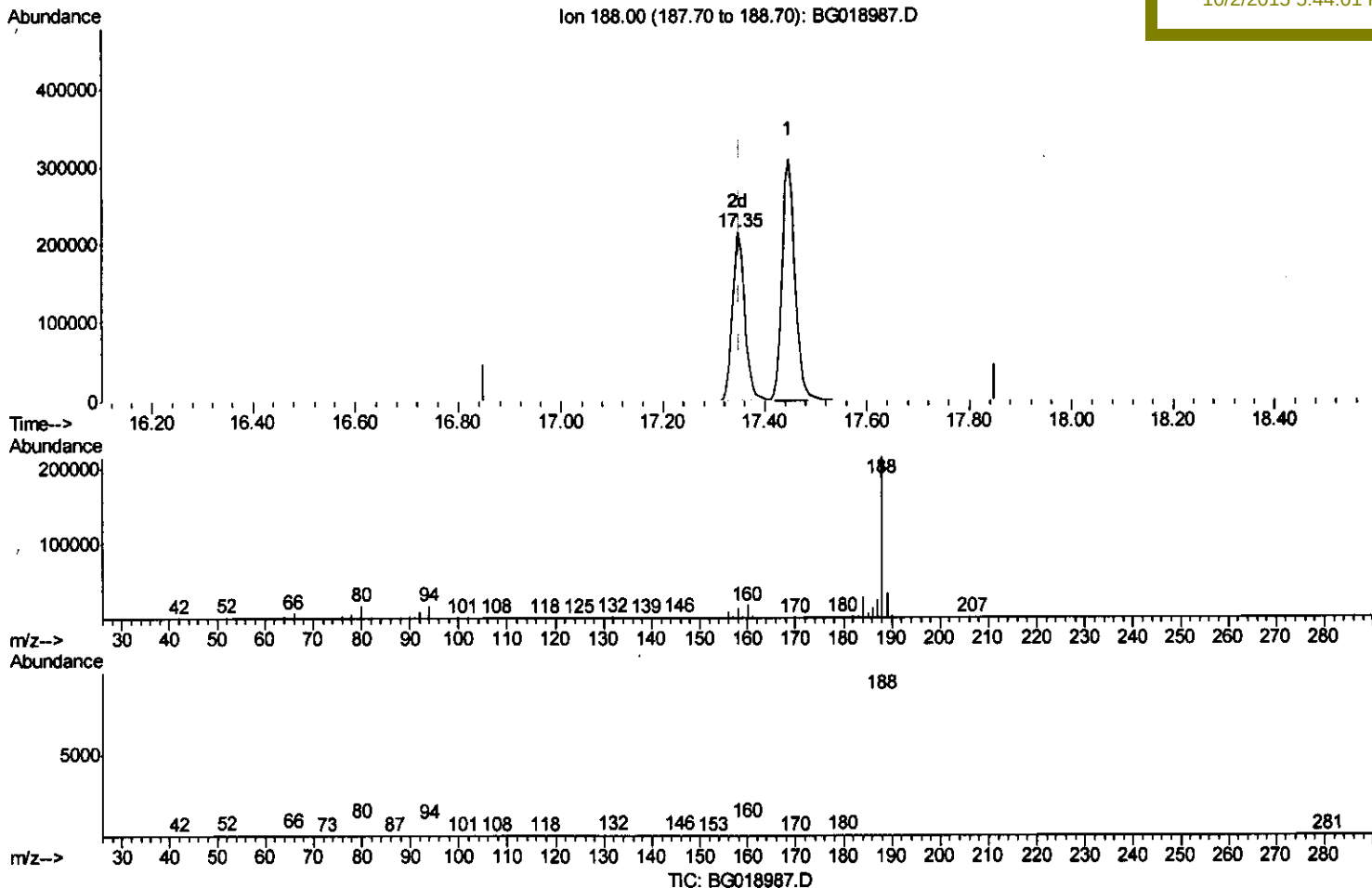
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:22:23 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 5:44:01 PM



(62) Phenanthrene-d10 (I)

17.347min (-0.003) 20.00ng/ul m

response 364750

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.40  | 7.85  |
| 80.00  | 10.30 | 7.76# |
| 0.00   | 0.00  | 0.00  |

> U.M  
 1015115

# Quantitation Report (Qedit)

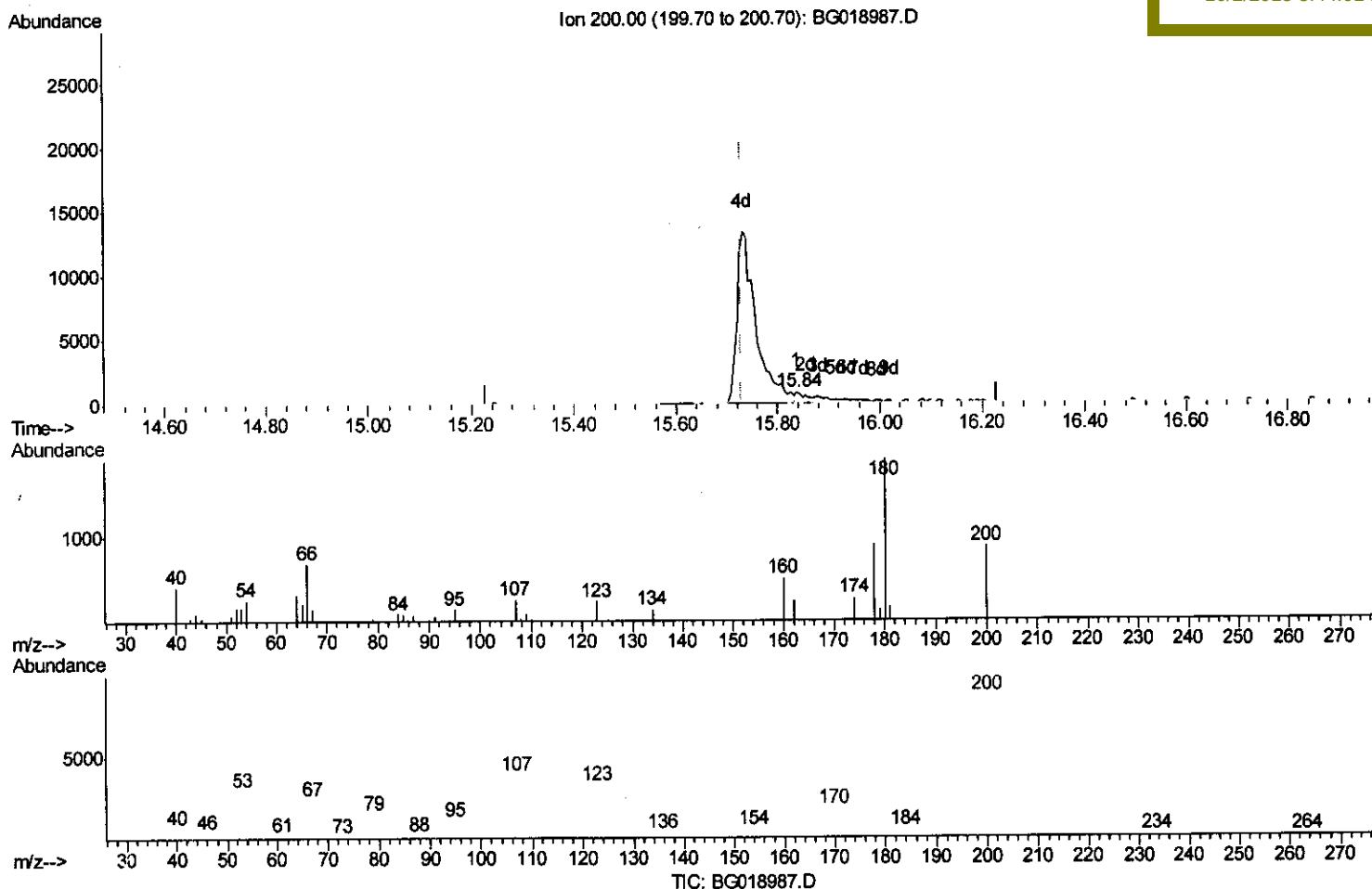
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:27:14 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 5:44:01 PM



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

15.837min (+0.109) 0.41ng/ul

response 705

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 20.00 | 0.00#  |
| 52.00  | 44.70 | 31.20# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

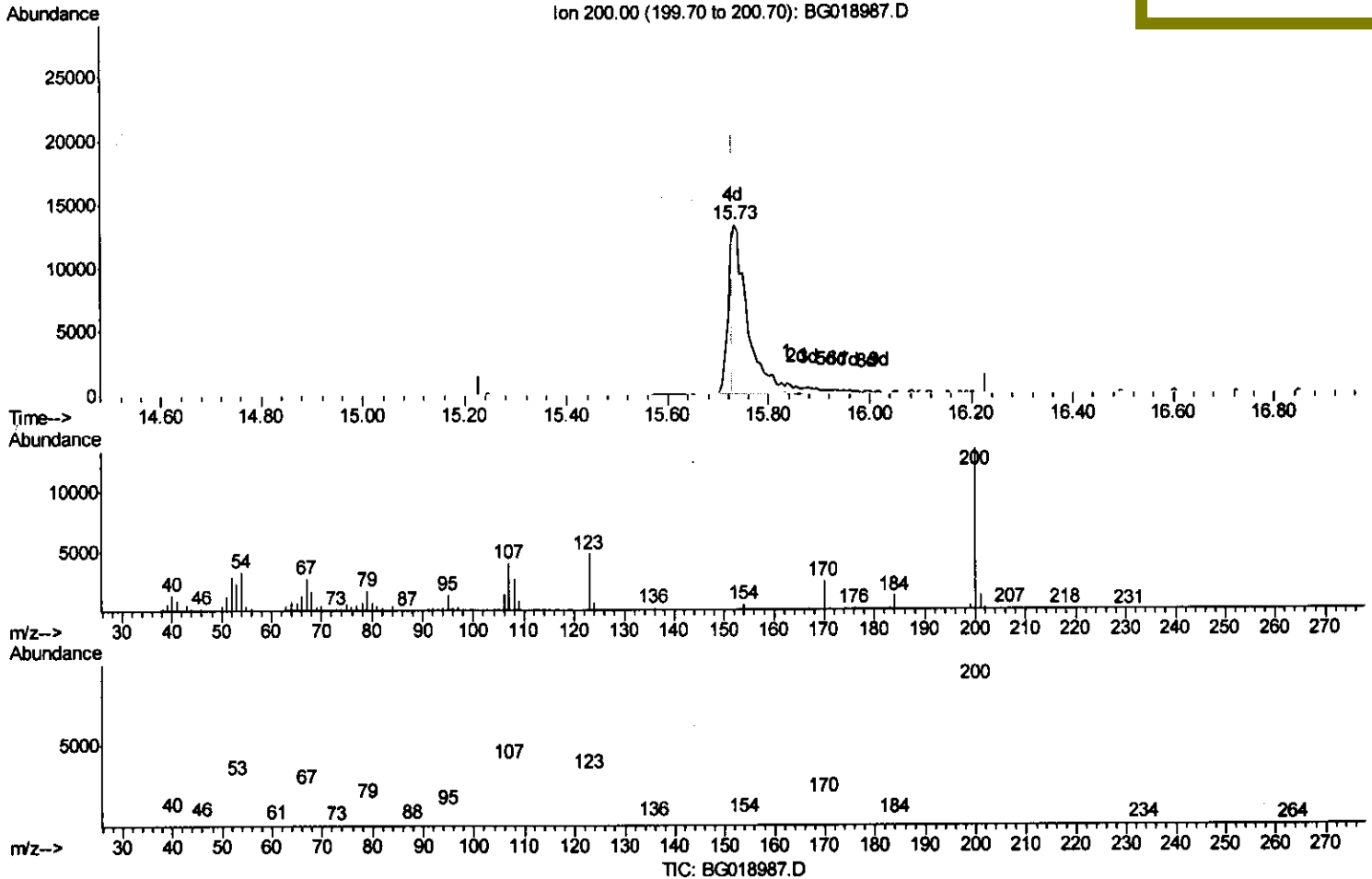
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COAP7

Quant Time: Oct 02 12:27:14 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 5:44:01 PM



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

15.731min (+0.003) 20.36ng/ul m

response 35154

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 200.00 | 100   | 100    |
| 170.00 | 20.00 | 18.98  |
| 52.00  | 44.70 | 21.86# |
| 0.00   | 0.00  | 0.00   |

> 0.1M  
 1015115

## Quantitation Report (Qedit)

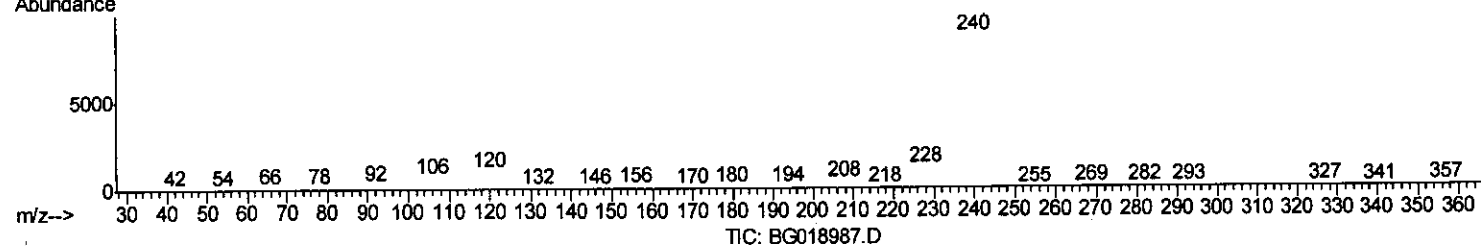
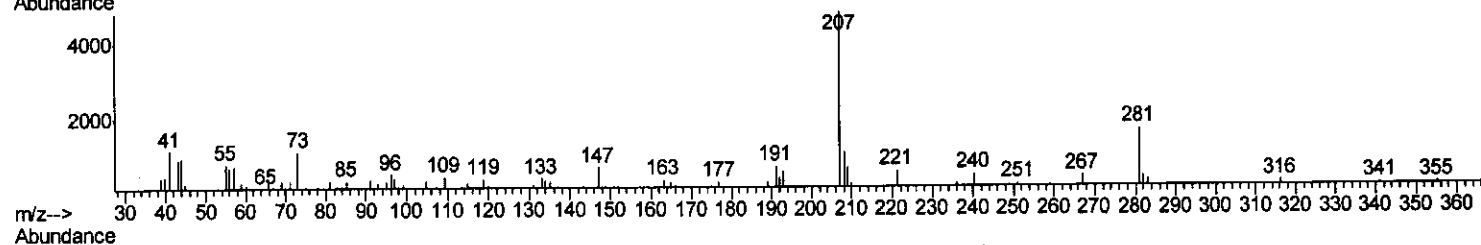
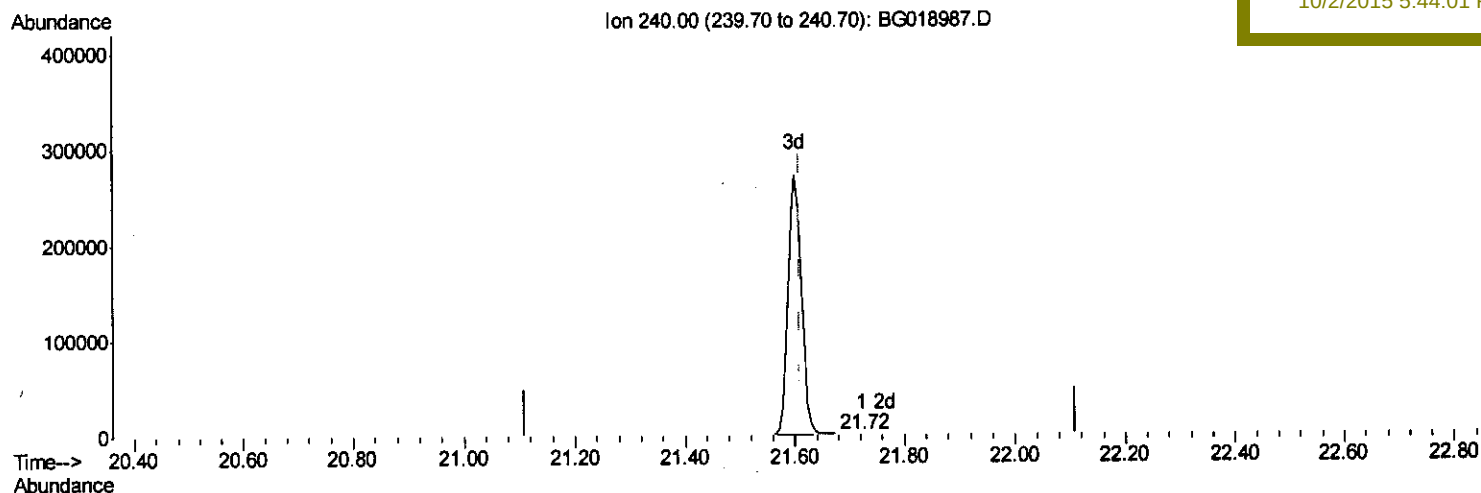
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
Data File : BG018987.D  
Acq On : 1 Oct 2015 20:09  
Operator : UM/NP  
Sample : G3831-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AP7

Manual Integrations  
APPROVED

MMDadoda  
10/2/2015 5:44:01 PM

Quant Time: Oct 02 12:27:14 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



(78) Chrysene-d12 (I)

21.724min (+0.115) 20.00ng/ul

response 684

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 12.60 | 47.59# |
| 236.00 | 28.20 | 52.20# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

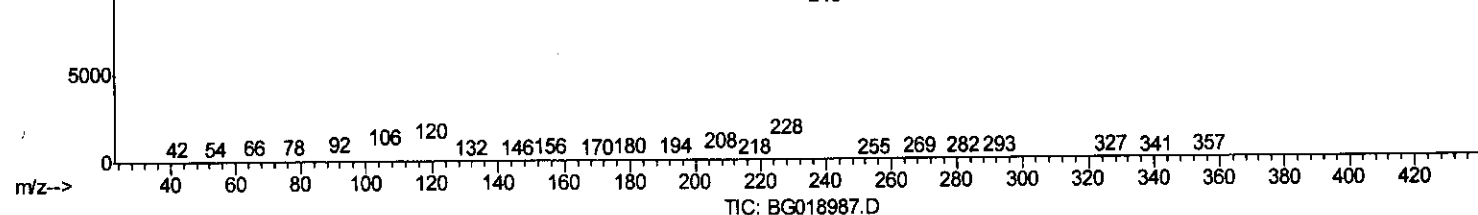
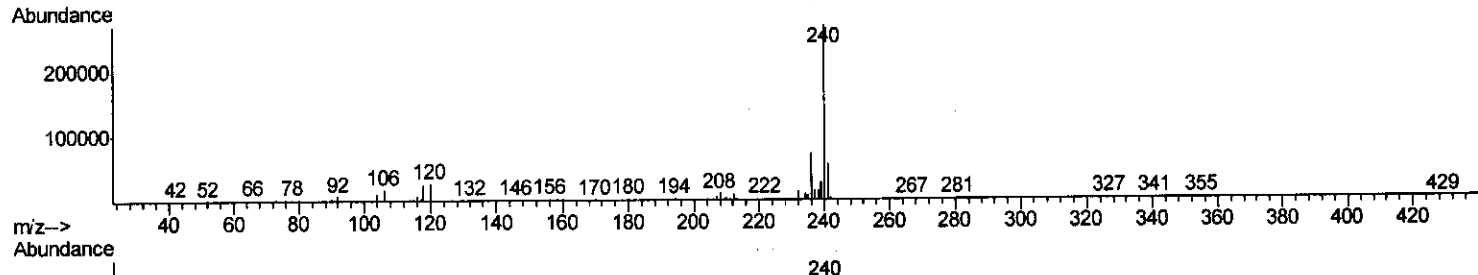
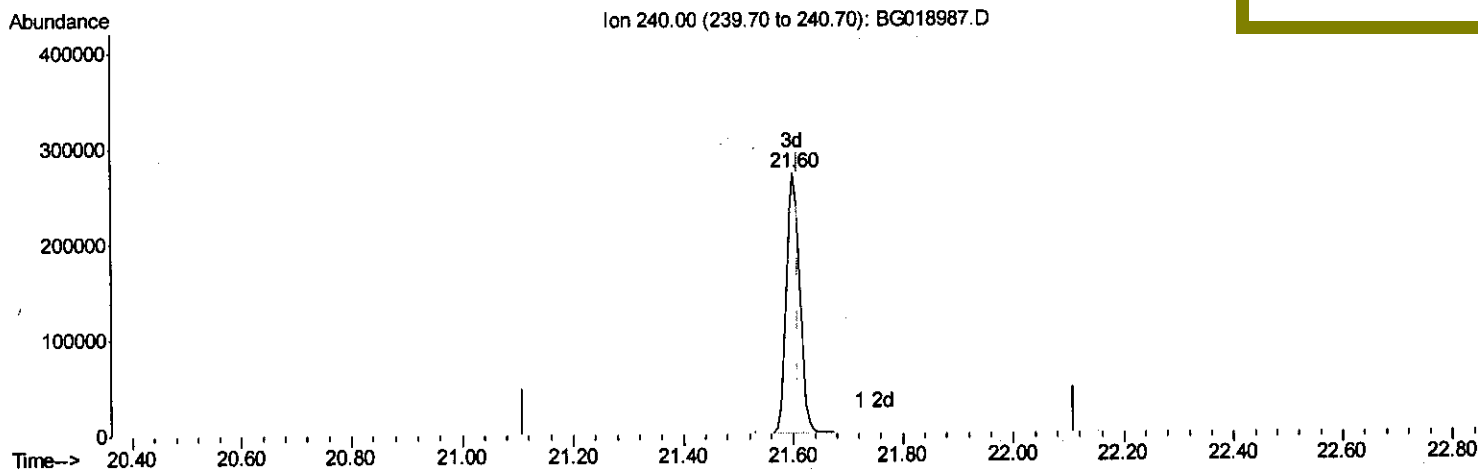
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:27:14 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 5:44:01 PM



(78) Chrysene-d12 (I)

21.601min (-0.009) 20.00ng/ul m

response 456677

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 100   |
| 120.00 | 12.60 | 9.89# |
| 236.00 | 28.20 | 27.07 |
| 0.00   | 0.00  | 0.00  |

SUM  
 10/5/15

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG100215\  
 Data File : BG018987.D  
 Acq On : 1 Oct 2015 20:09  
 Operator : UM/NP  
 Sample : G3831-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AP7

Quant Time: Oct 02 12:28:49 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 5:44:01 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 46479m   | 20.00 | ng/ul | 0.08     |
| 18) Naphthalene-d8        | 10.80 | 136  | 228128   | 20.00 | ng/ul | 0.03     |
| 36) Acenaphthene-d10      | 14.60 | 164  | 142956   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.35 | 188  | 364750m  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.60 | 240  | 456677m  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 451777   | 20.00 | ng/ul | 0.00     |

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## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 1288   | 1.33  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.20  | 99  | 19372  | 5.08  | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 80880m | 36.57 | ng/ul | 0.04 |
| 9) 2-Chlorophenol-d4           | 7.53  | 132 | 84306  | 29.17 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 44688m | 14.43 | ng/ul | 0.03 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 56744  | 32.83 | ng/ul | 0.03 |
| 22) 2-Nitrophenol-d4           | 9.88  | 143 | 52665  | 30.30 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 99368  | 27.15 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 11162m | 2.62  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.00 | 166 | 351504 | 30.55 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.30 | 160 | 448945 | 32.93 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.93 | 143 | 8765m  | 3.97  | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.60 | 176 | 328558 | 32.66 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 35154m | 20.36 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.45 | 188 | 542619 | 33.79 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.73 | 212 | 655140 | 31.18 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.56 | 264 | 726082 | 33.02 | ng/ul | 0.00 |

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## Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 4576    | 4.38   | ng/uL# | 59     |
| 6) Phenol                      | 7.23  | 94  | 20967m  | 5.31   | ng/ul  |        |
| 10) 2-Chlorophenol             | 7.59  | 128 | 24896m  | 8.32   | ng/ul  |        |
| 11) 2-Methylphenol             | 8.46  | 108 | 211100m | 69.53  | ng/ul  |        |
| 20) Nitrobenzene               | 9.23  | 77  | 3394223 | 846.97 | ng/ul# | 78     |
| 30) 4-Chloroaniline            | 10.91 | 127 | 927271  | 210.55 | ng/ul  | 100    |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 380975  | 85.97  | ng/ul# | 95     |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.40 | 216 | 390281  | 89.92  | ng/uL  | 99     |

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