

(QT Reviewed)

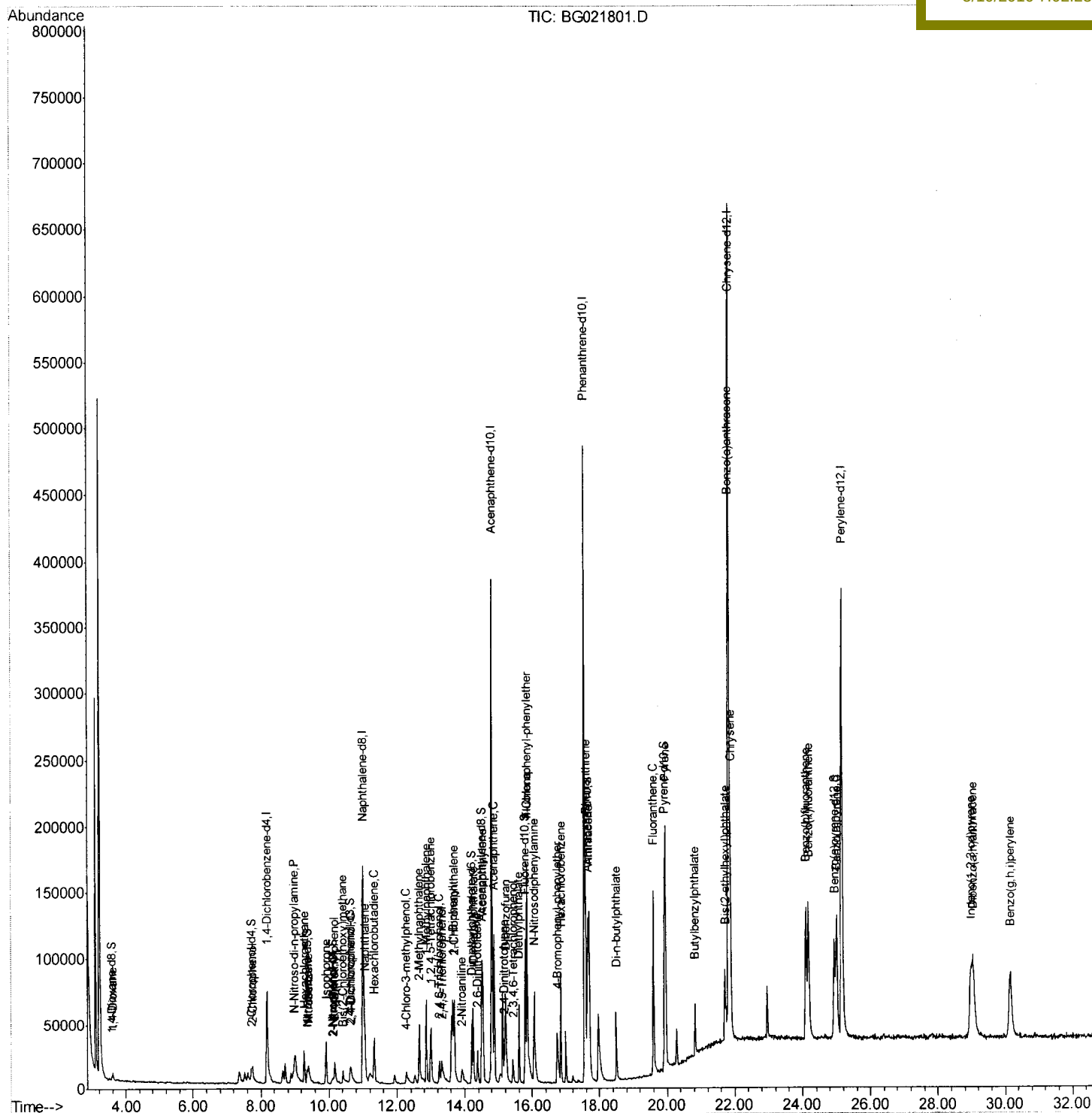
```
Data Path   : Z:\HPCHEM1\BNA G\DATA\BG050916\  
Data File  : BG021801.D  
Acq On     : 9 May 2016    9:56  
Operator   : UM/SJ  
Sample     : SSTD00507  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: May 09 14:15:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations APPROVED

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Quantitation Report (Qedit)

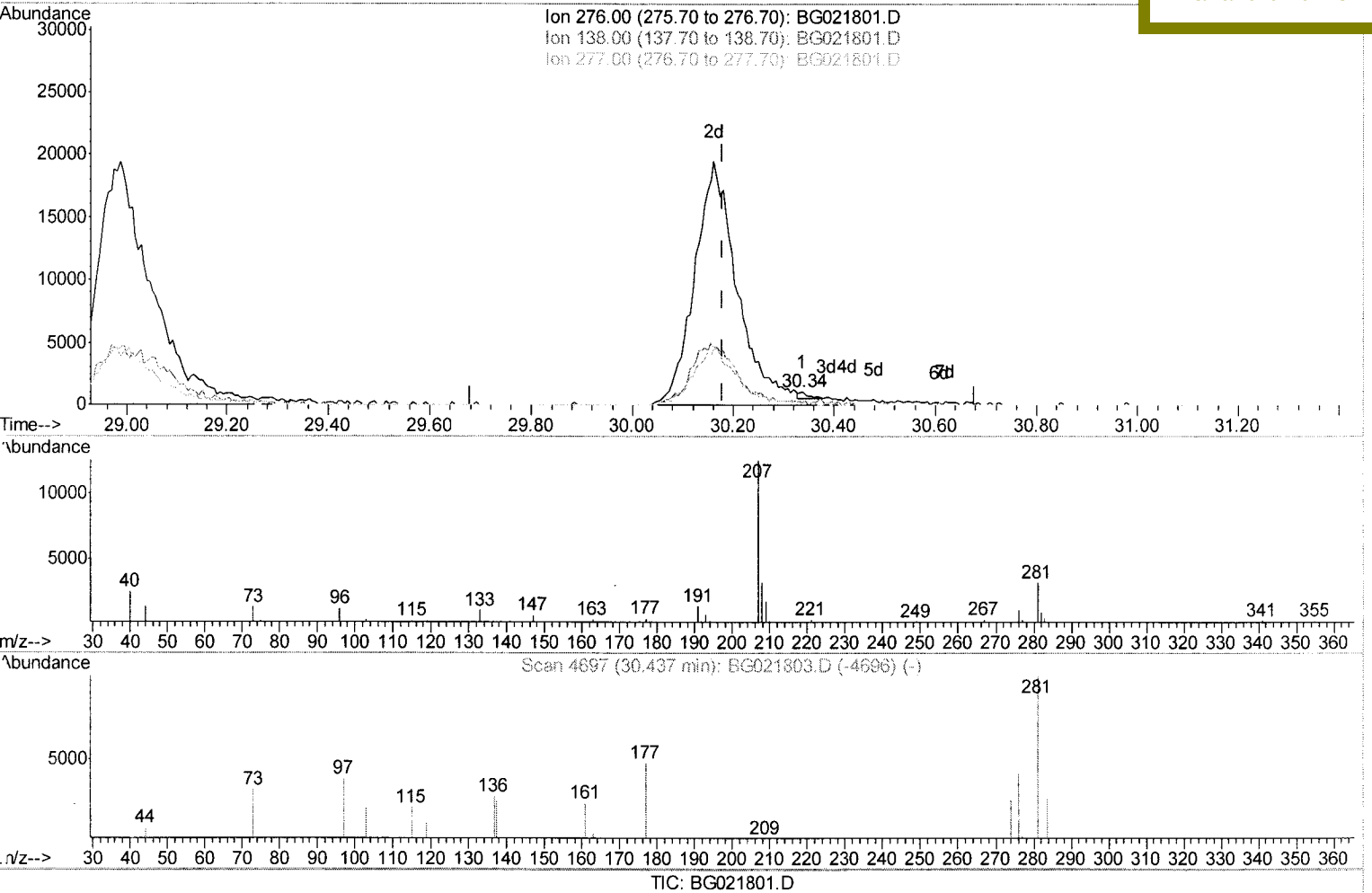
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

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(92) Benzo(g,h,i)perylene

30.338min (+0.159) 0.03ng/ul

response 759

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	18.33
277.00	24.70	27.91
0.00	0.00	0.00

Quantitation Report (Qedit)

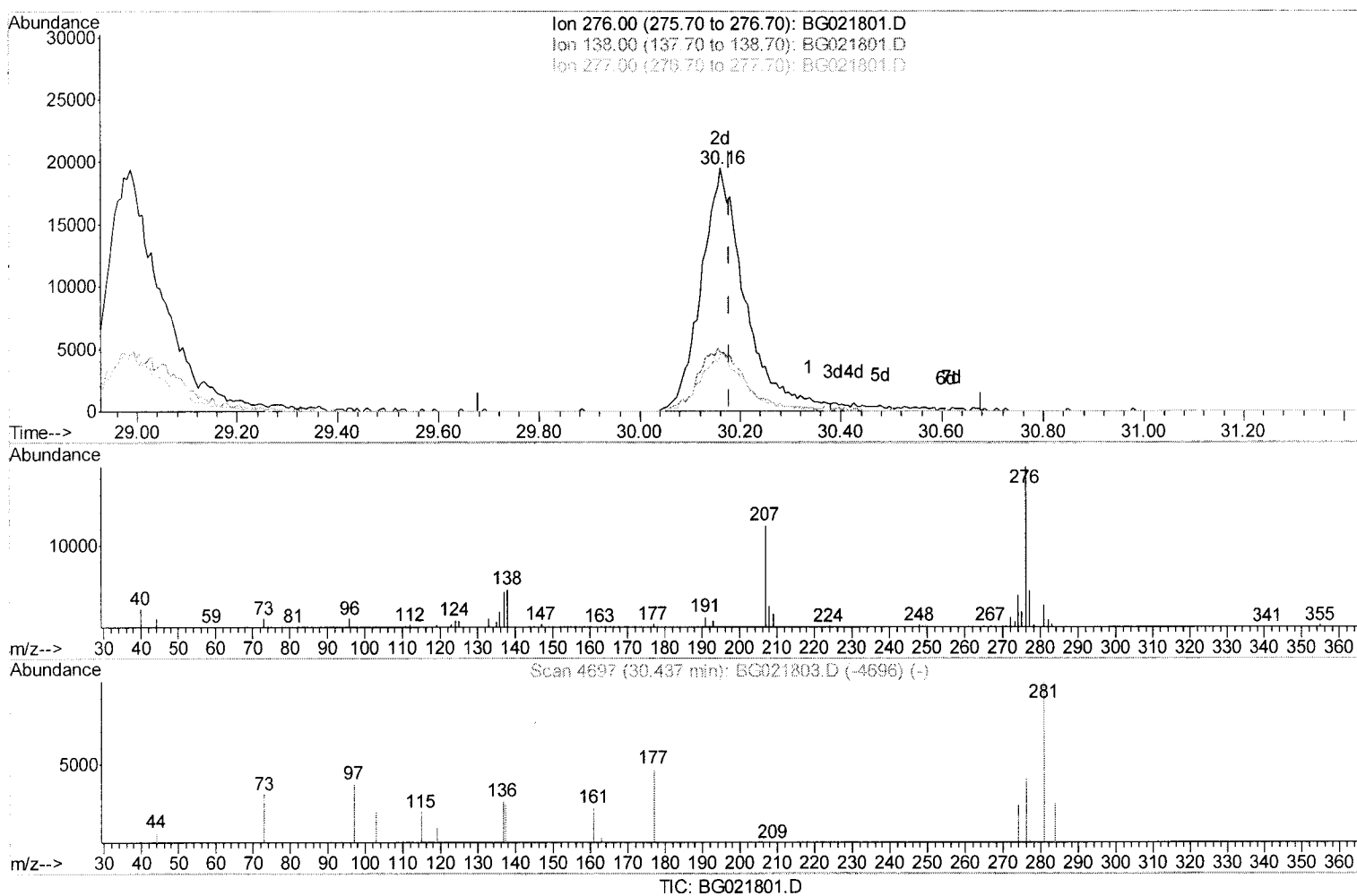
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(92) Benzo(g,h,i)perylene

30.161min (-0.017) 4.83ng/ul m

response 117269

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	24.12#
277.00	24.70	23.42
0.00	0.00	0.00

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Quantitation Report (Qedit)

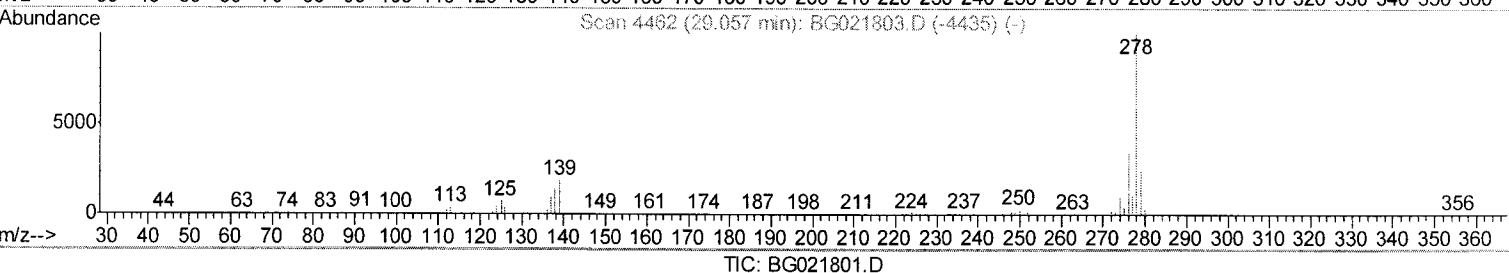
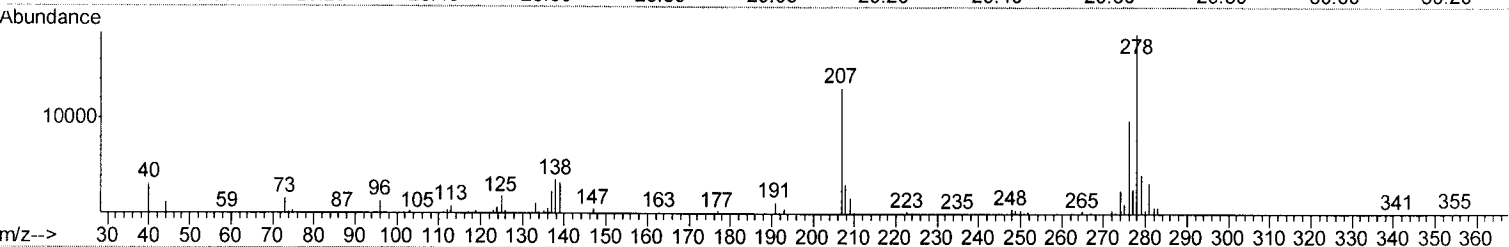
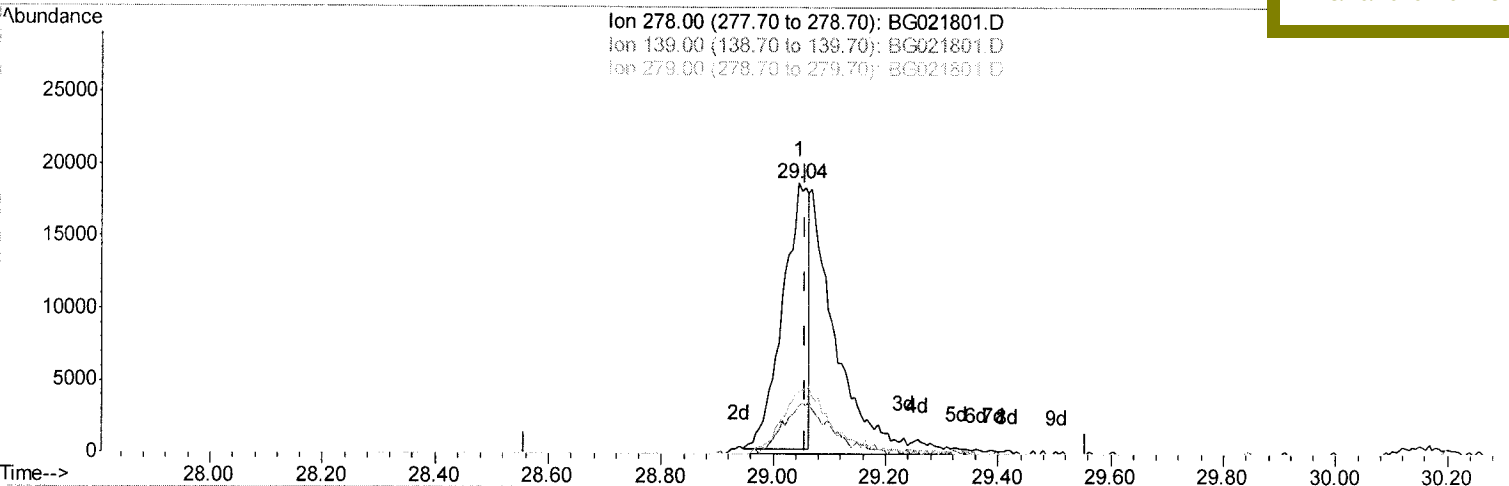
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(91) Dibenzo(a,h)anthracene

29.045min (-0.012) 2.36ng/ul

response 59261

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	17.87
279.00	24.80	22.90
0.00	0.00	0.00

Quantitation Report (Qedit)

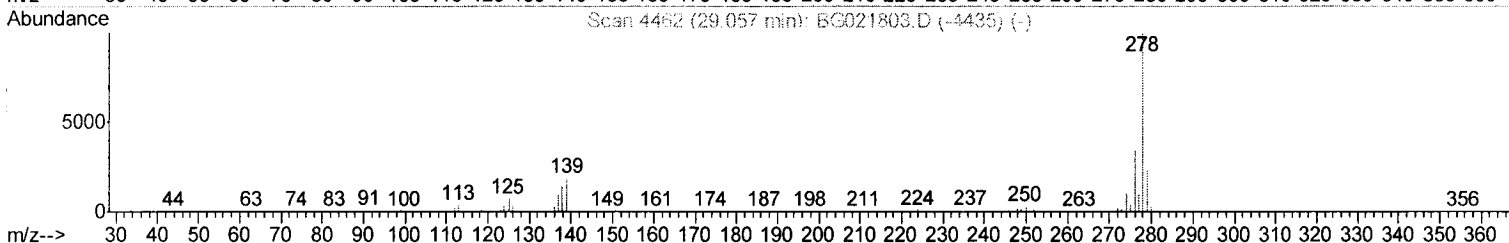
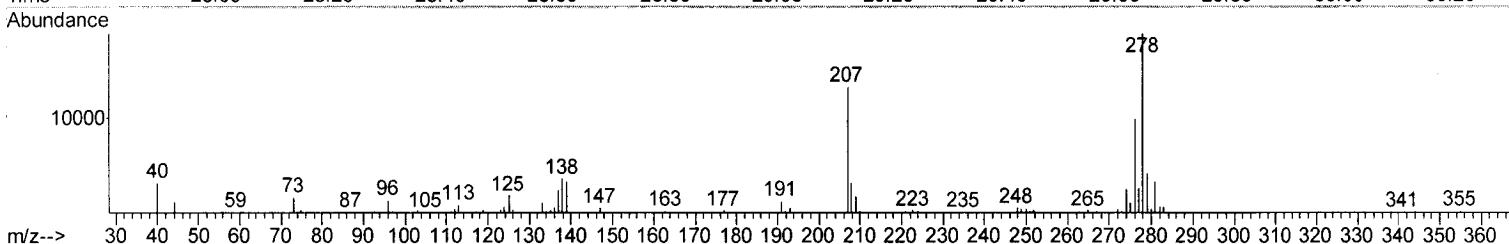
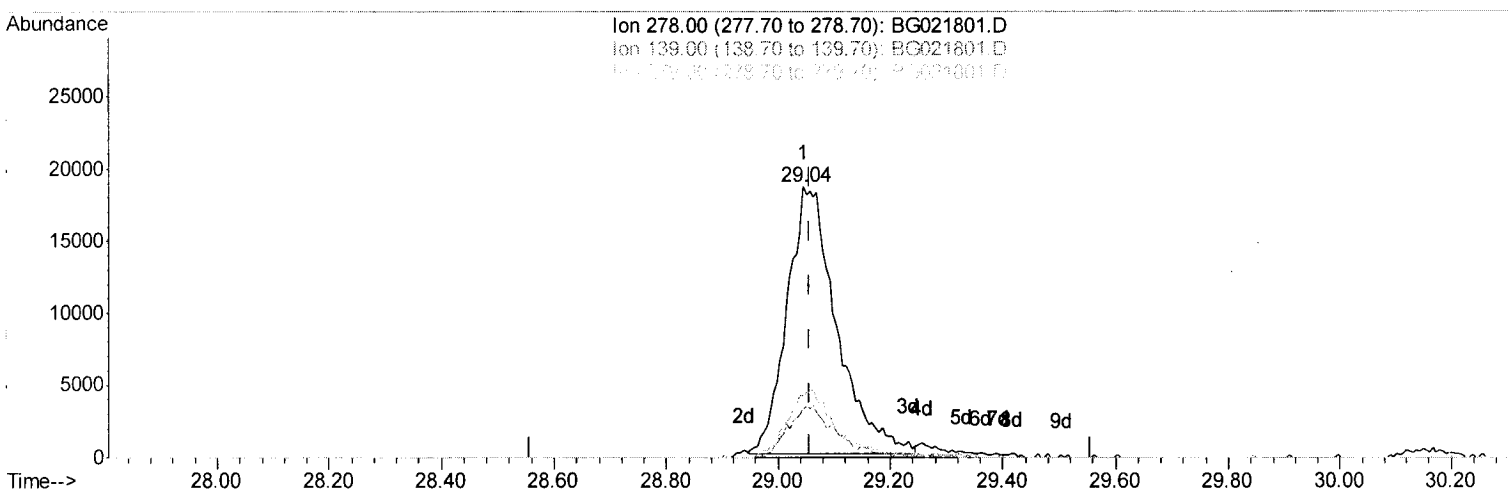
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



TIC: BG021801.D

(91) Dibenzo(a,h)anthracene

29.045min (-0.012) 4.47ng/ul m

response 112360

> $\frac{0.11}{0.516116}$

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	17.87
279.00	24.80	22.90
0.00	0.00	0.00

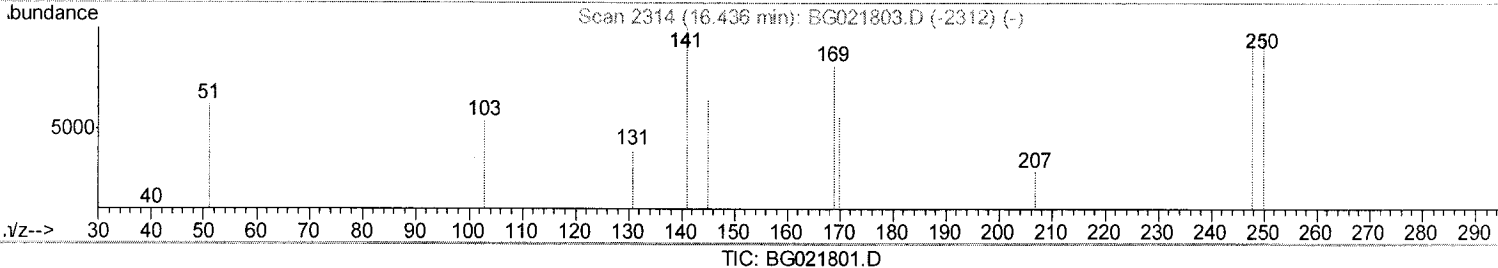
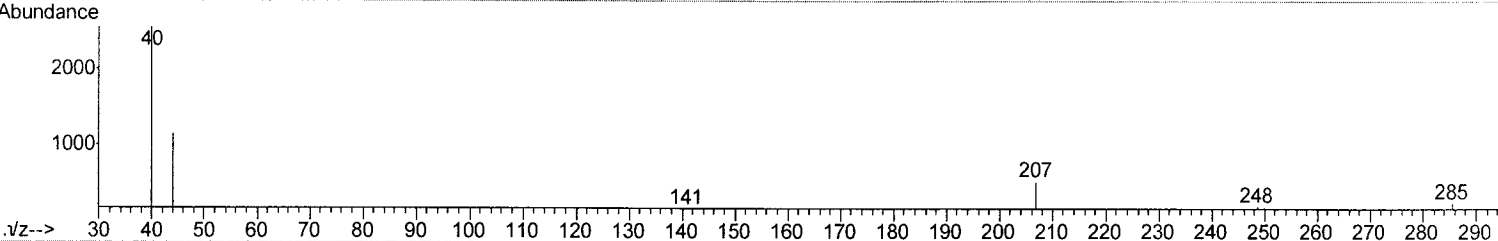
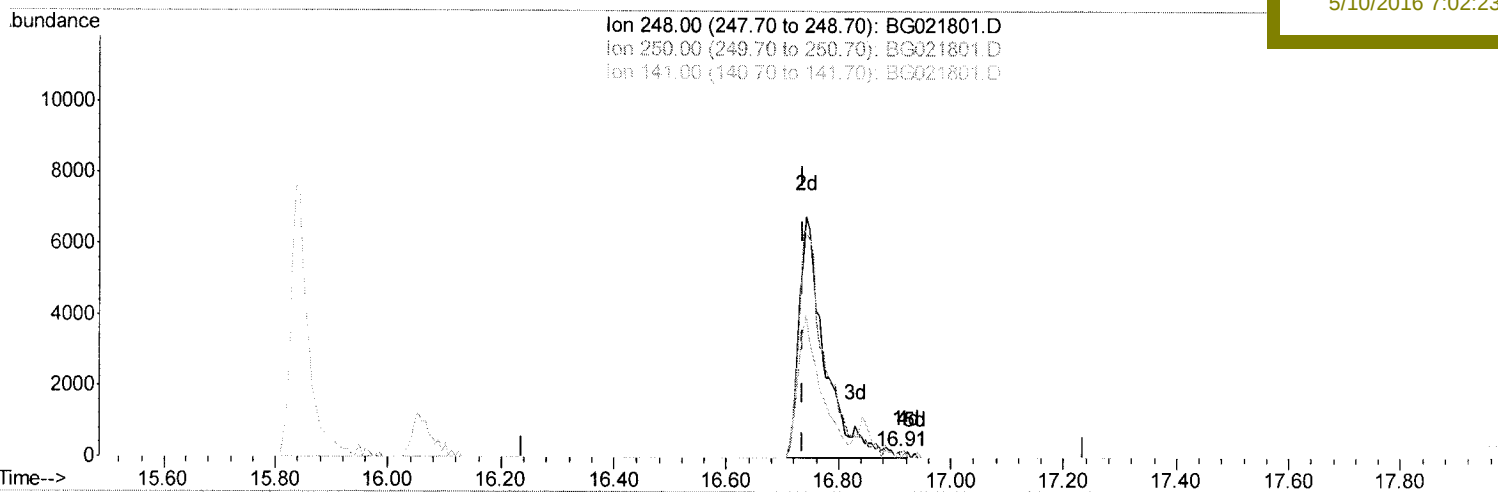
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 14:04:35 2016
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Manual Integrations
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(66) 4-Bromophenyl-phenylether

16.906min (+0.171) 0.01ng/ul

response 63

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	91.62
141.00	95.70	84.92
0.00	0.00	0.00

Quantitation Report (Qedit)

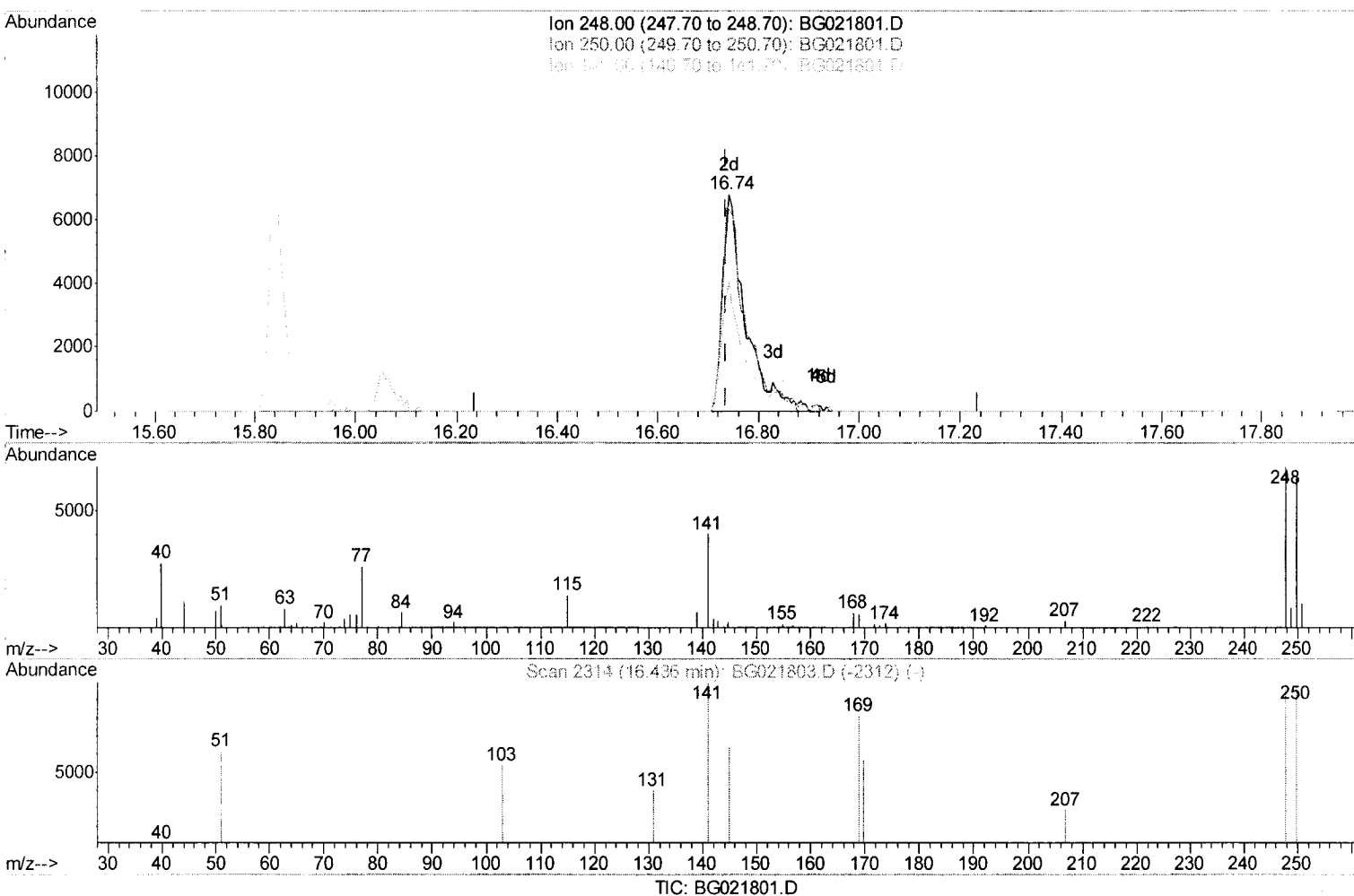
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(66) 4-Bromophenyl-phenylether

16.742min (+0.006) 4.73ng/ul m

response 21459

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	93.38
141.00	95.70	58.90#
0.00	0.00	0.00

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Quantitation Report (Qedit)

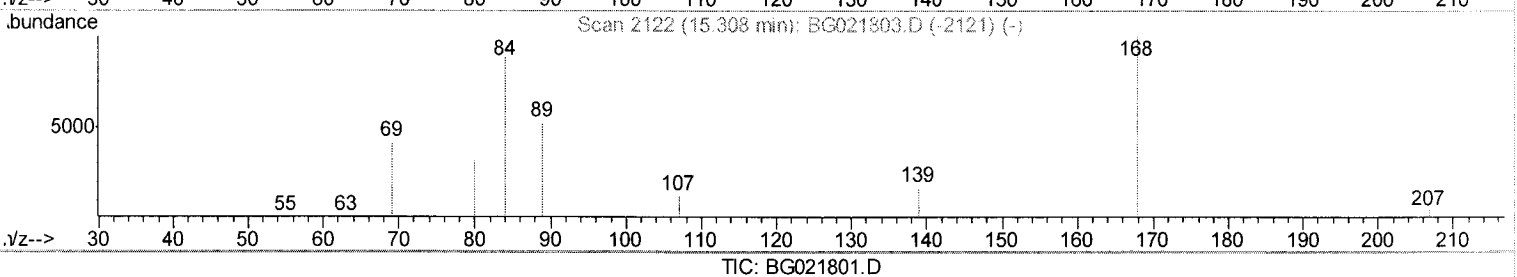
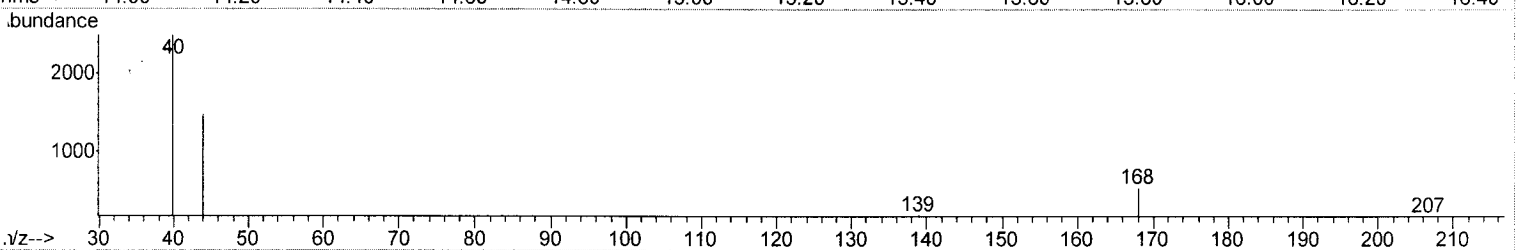
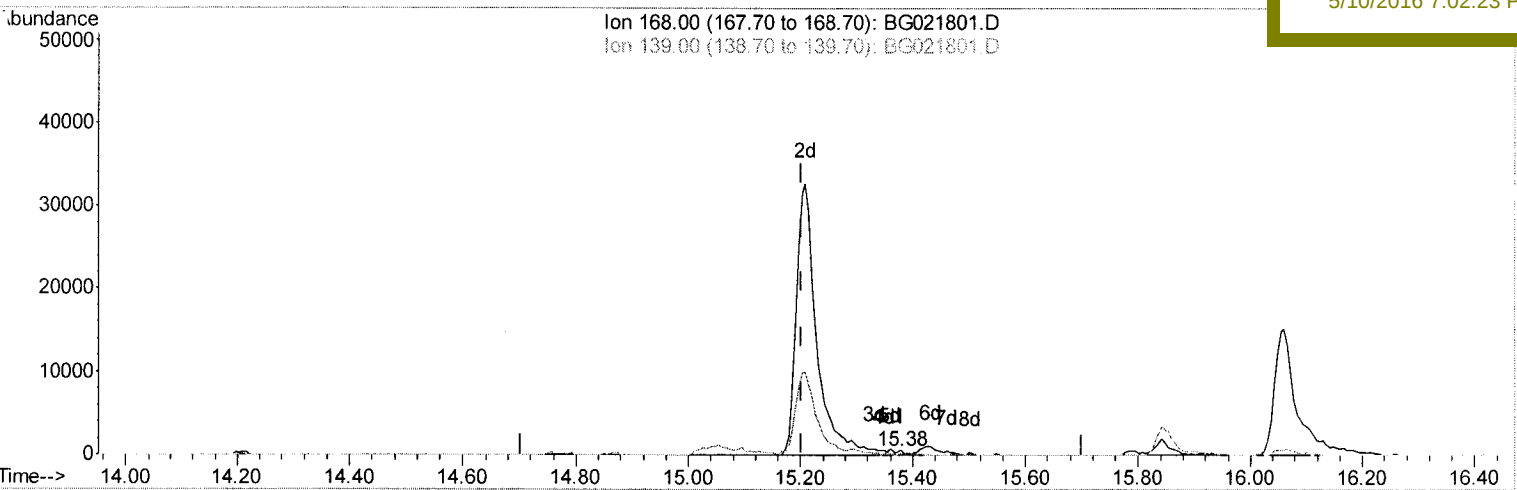
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 SSTD00507

Manual Integrations
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(54) Dibenzofuran

15.379min (+0.176) 0.03ng/ul

response 449

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	36.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

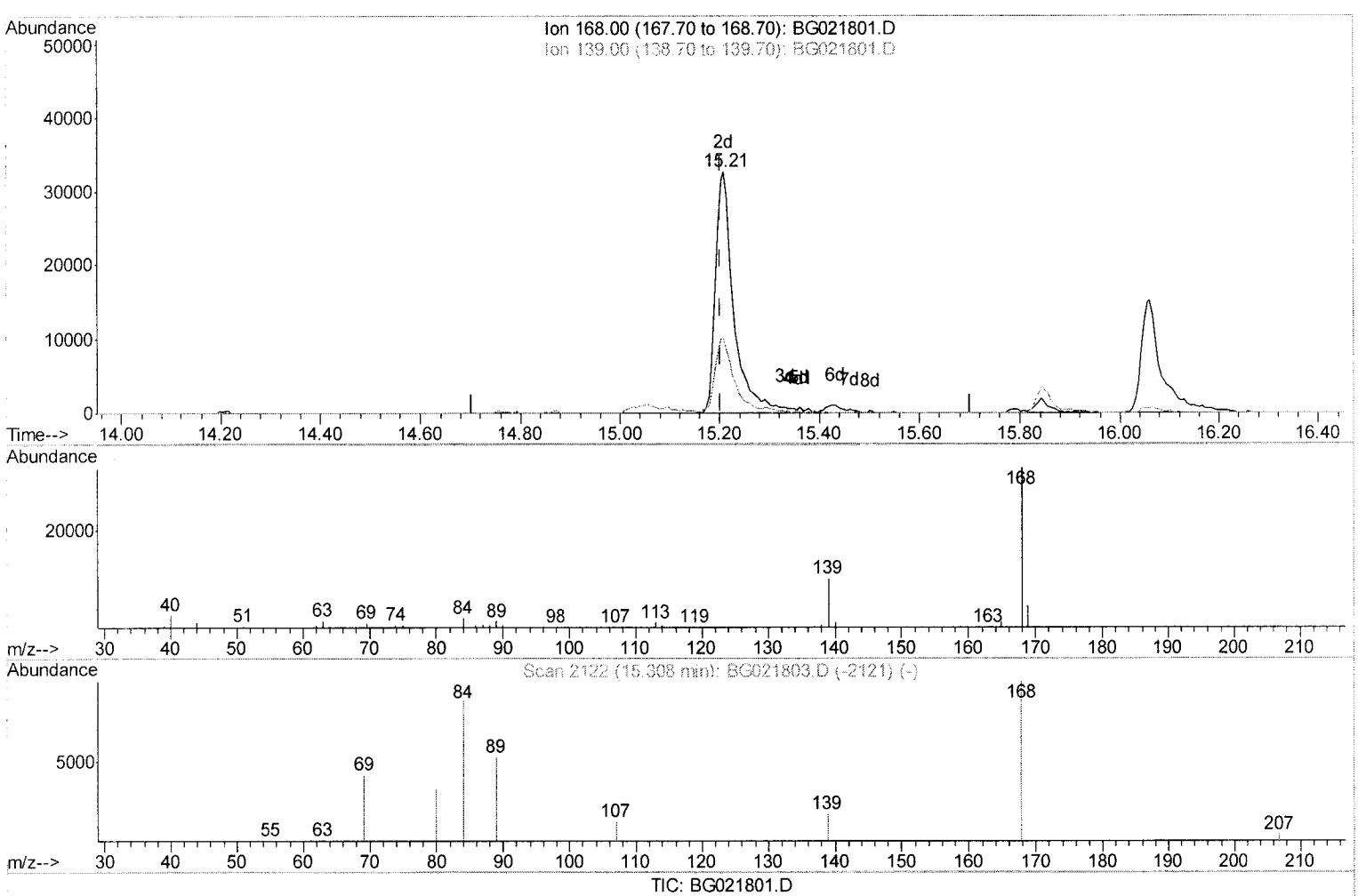
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: Mav 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(54) Dibenzofuran

15.208min (+0.006) 5.50ng/ul m

response 83270

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Ion	Exp%	Act%
168.00	100	100
139.00	44.00	30.59#
0.00	0.00	0.00
0.00	0.00	0.00

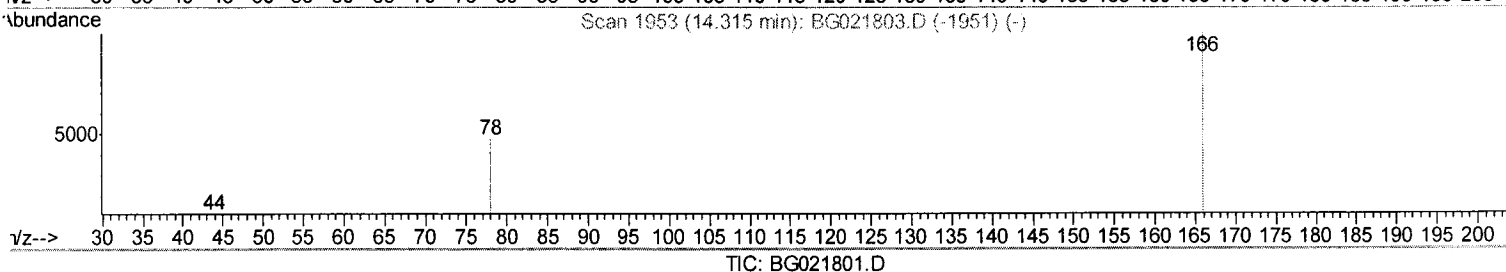
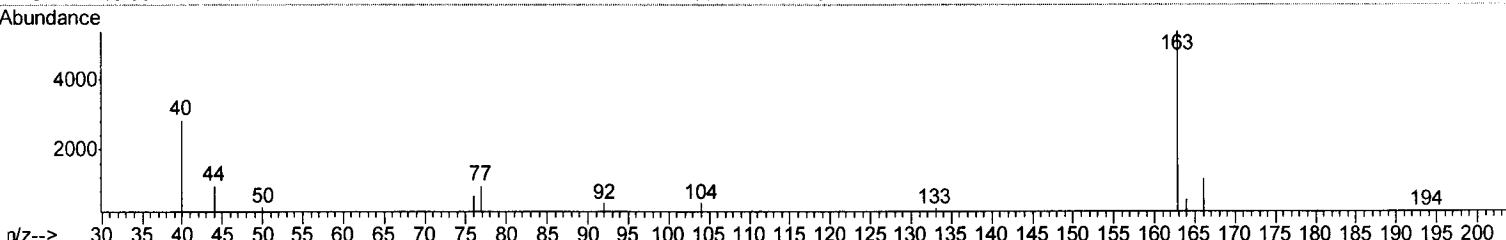
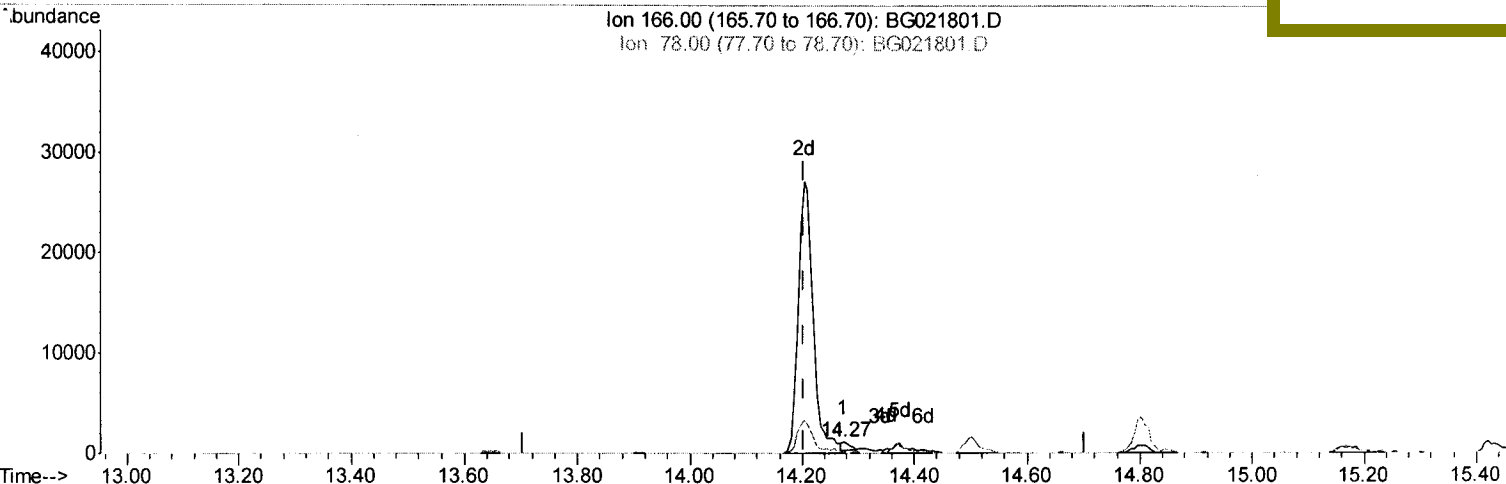
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SST00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00507

Quant Time: Mav 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Manual Integrations
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(44) Dimethylphthalate-d6 (S)

14.274min (+0.071) 0.06ng/ul

response 768

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	19.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

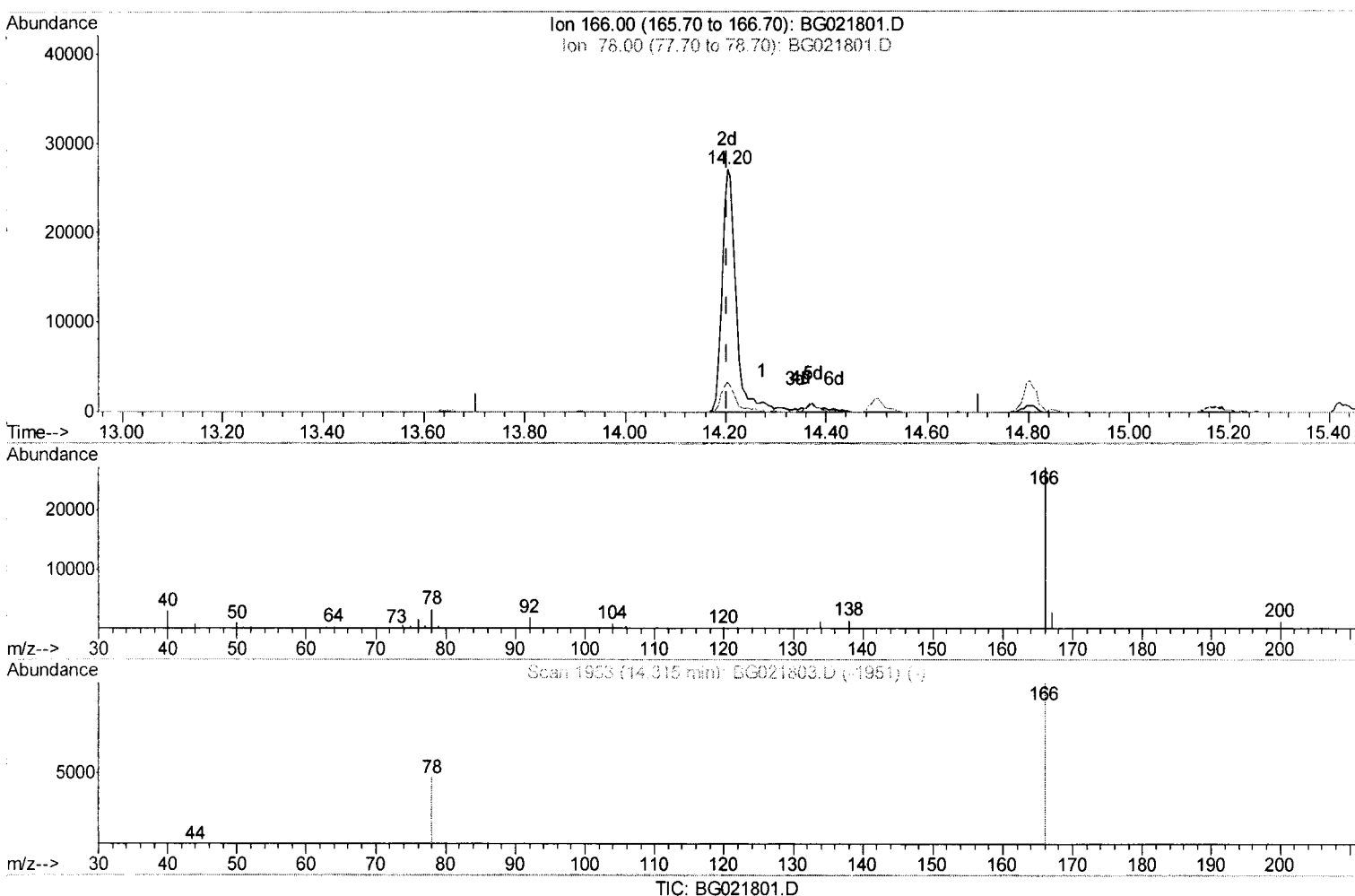
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(44) Dimethylphthalate-d6 (S)

14.203min (+0.000) 4.05ng/ul m

response 52009

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	12.32#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

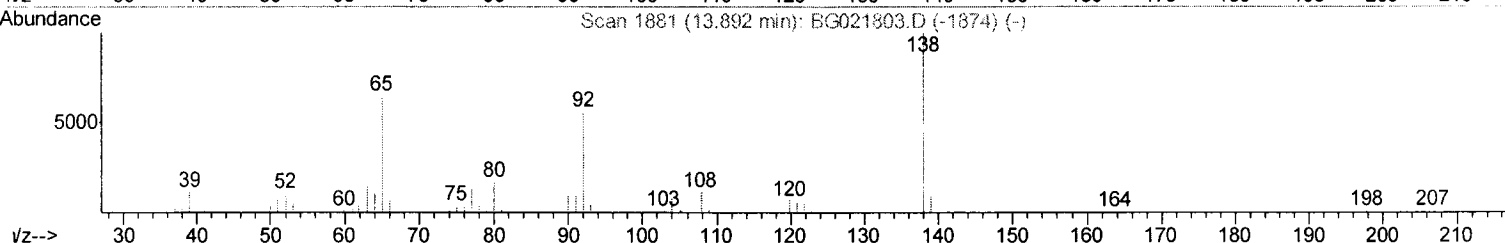
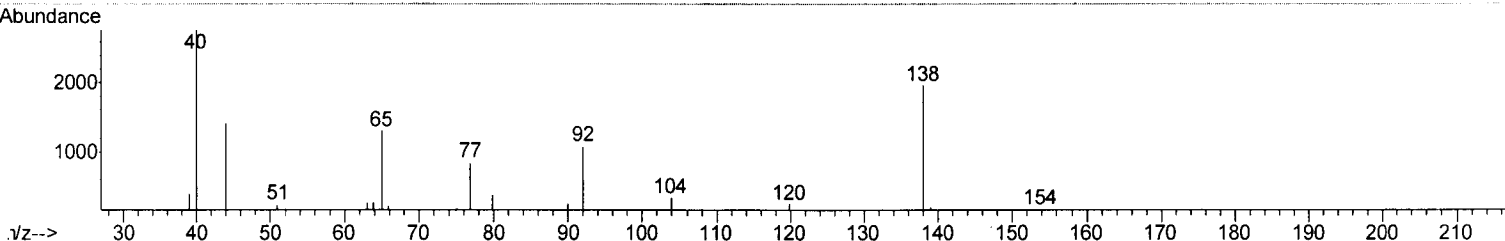
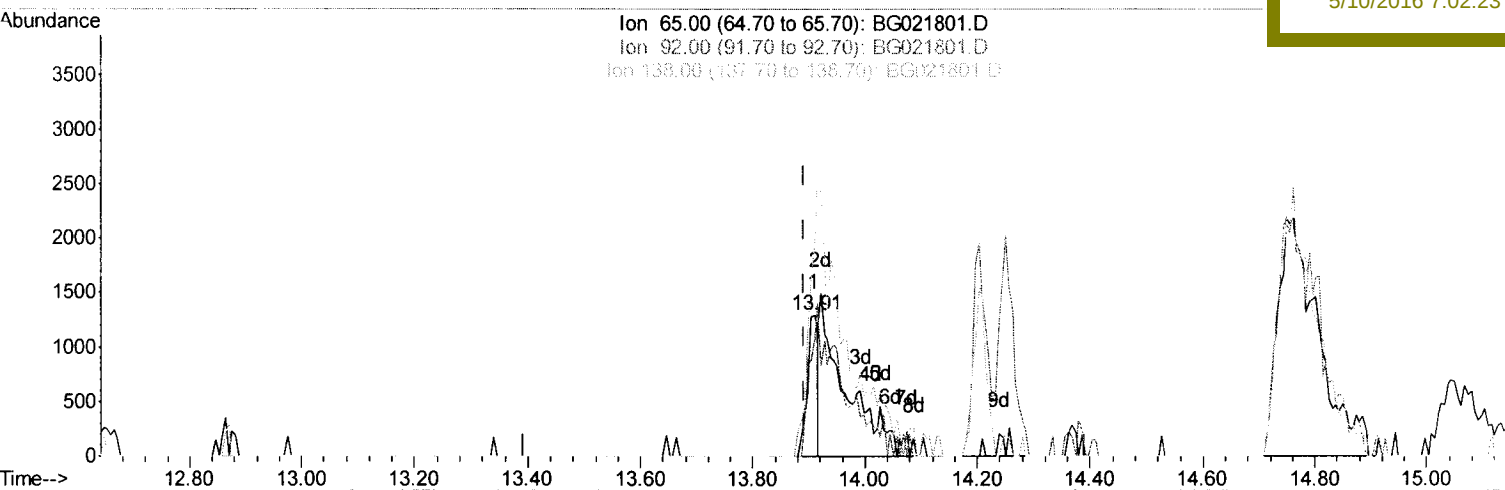
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Data Path   : Z:\HPCHEM1\BNA G\DATA\BG050916\  
Data File  : BG021801.D  
Acq On     : 9 May 2016    9:56  
Operator   : UM/SJ  
Sample     : SSTD00507  
Misc       :  
ALS Vial   : 2    Sample Multiplier: 1
```

Quant Time: May 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations

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(43) 2-Nitroaniline

13.910min (+0.018) 0.50ng/ul

response 1724

Ion	Exp%	Act%
65.00	100	100
92.00	60.60	83.00#
138.00	74.70	151.70#
0.00	0.00	0.00

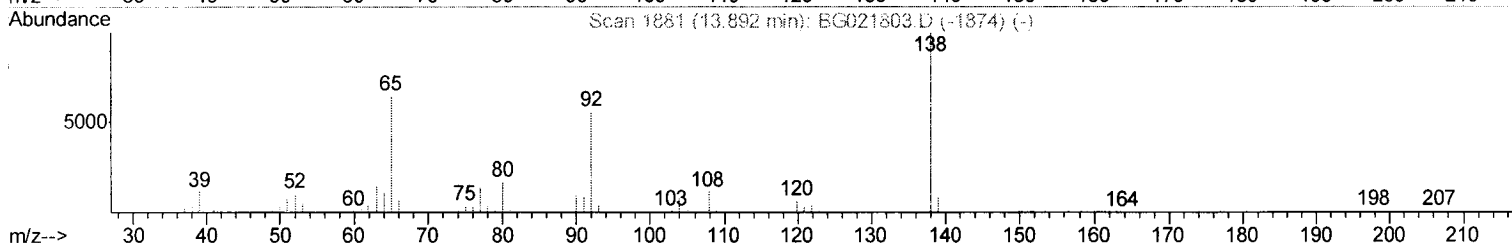
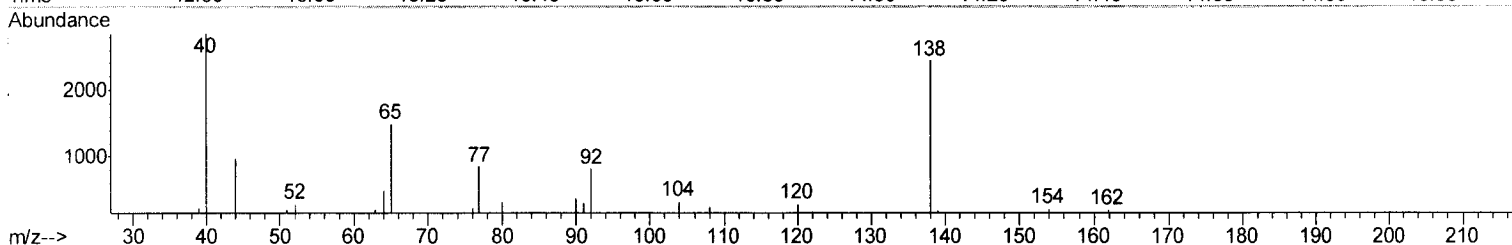
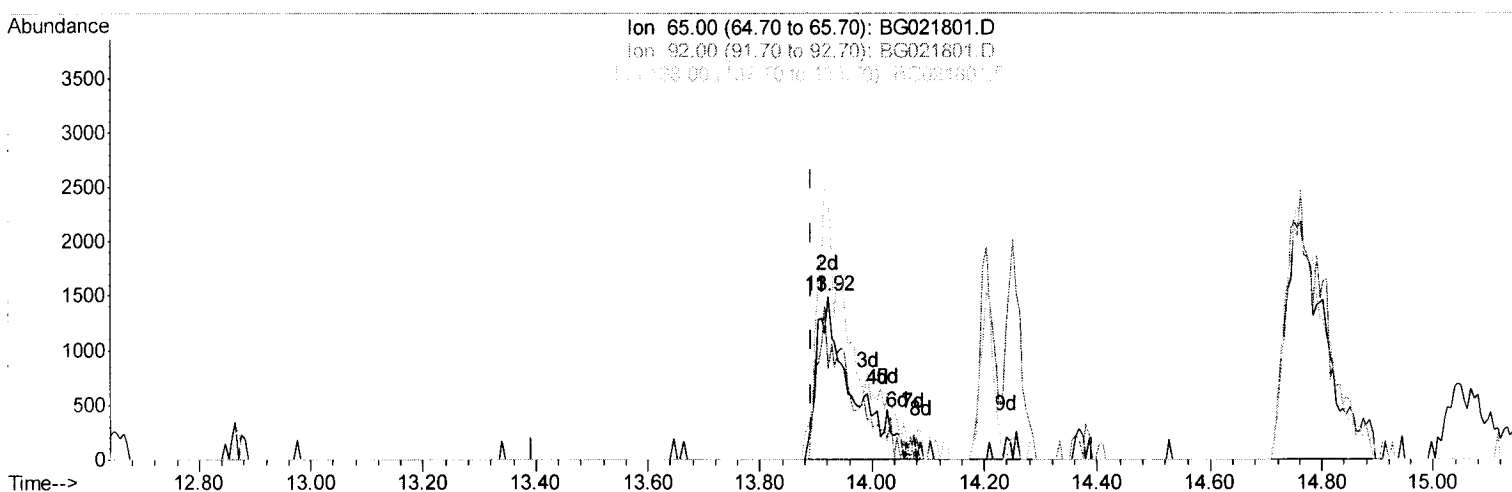
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\  
Data File : BG021801.D  
Acq On    : 9 May 2016    9:56  
Operator  : UM/SJ  
Sample    : SSTD00507  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations APPROVED

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Quant Time: Mav 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration



TIC: BG021801.D

(43) 2-Nitroaniline

13.921min (+0.030) 1.91ng/ul m

response 6564

Ion	Exp%	Act%
65.00	100	100
92.00	60.60	55.05
138.00	74.70	163.28#
0.00	0.00	0.00

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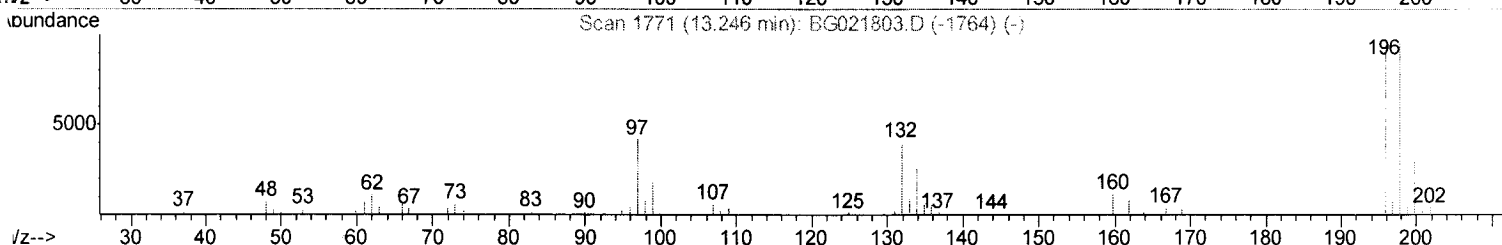
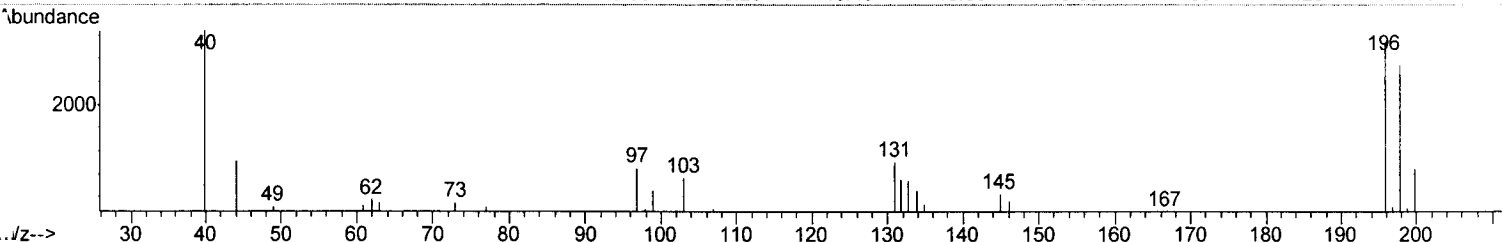
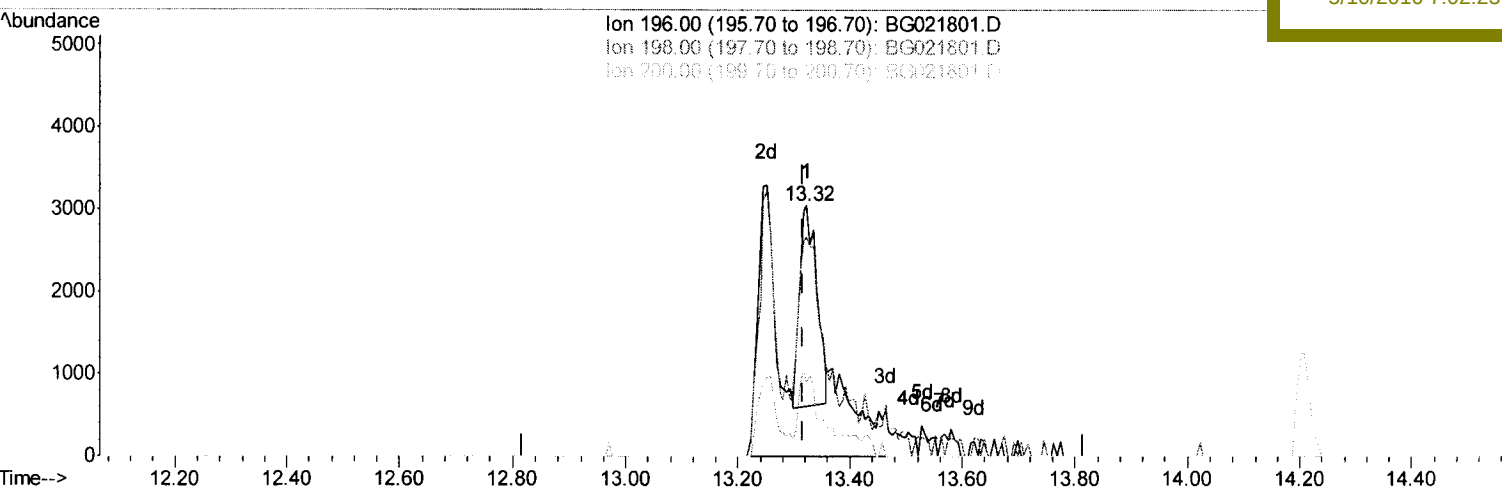
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021801.D
Acq On : 9 May 2016 9:56
Operator : UM/SJ
Sample : SST000507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Quant Time: May 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG021801.D

(40) 2,4,5-Trichlorophenol

13.322min (+0.006) 1.51ng/ul

response 5232

Ion	Exp%	Act%
196.00	100	100
198.00	90.20	87.56
200.00	27.70	29.39
0.00	0.00	0.00

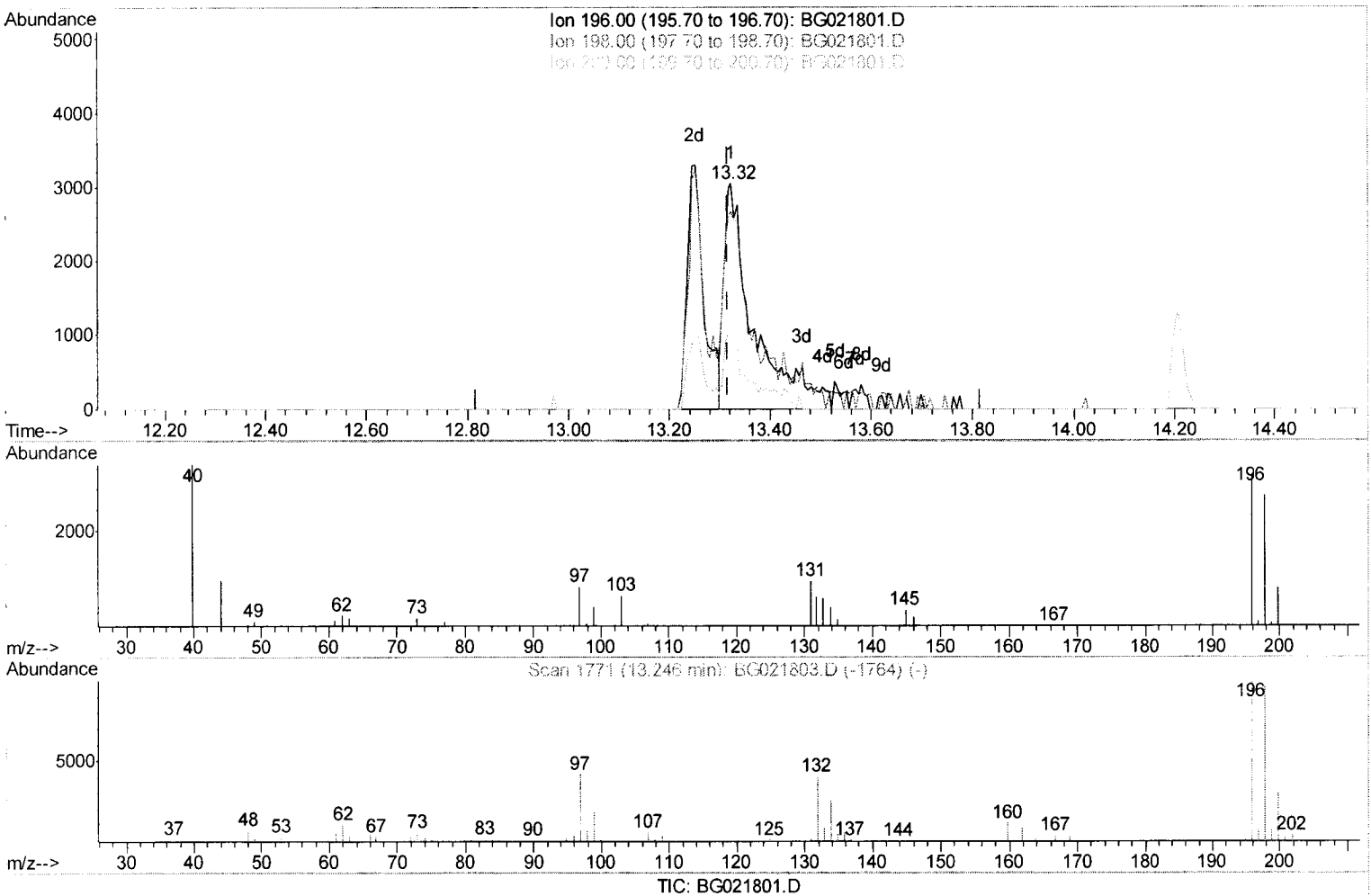
```
Data Path   : Z:\HPCHEM1\BNA G\DATA\BG050916\  
Data File  : BG021801.D  
Acq On     : 9 May 2016    9:56  
Operator   : UM/SJ  
Sample     : SSTD00507  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations

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Quant Time: May 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration



(40) 2,4,5-Trichlorophenol

13.322min (+0.006) 3.57ng/ul m

```
response 12351
```

Ion	Exp%	Act%
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196.00	100	100
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198.00	90.20	87.56
--------	-------	-------

200.00	27.70	29.39
--------	-------	-------

0.00 0.00 0.00

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Quantitation Report (Qedit)

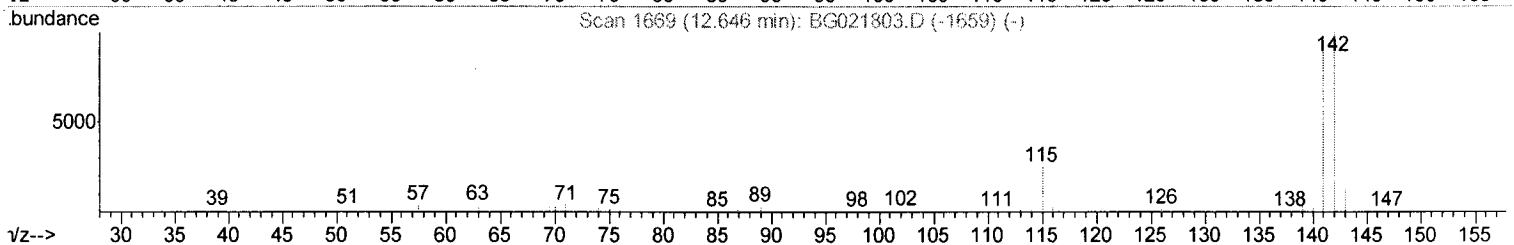
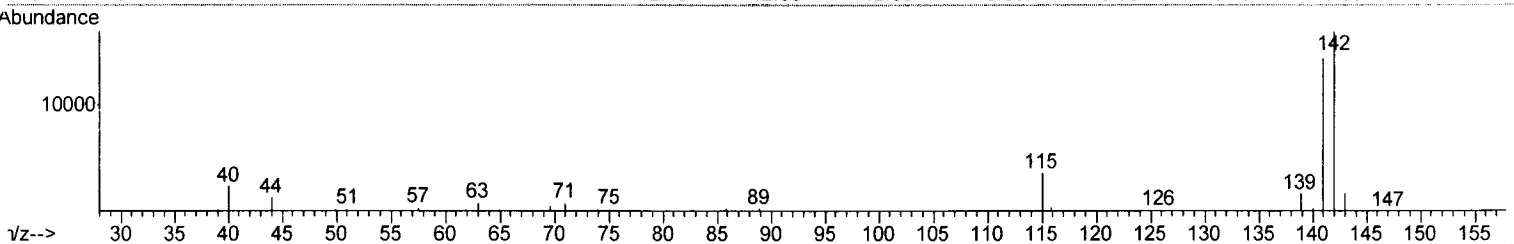
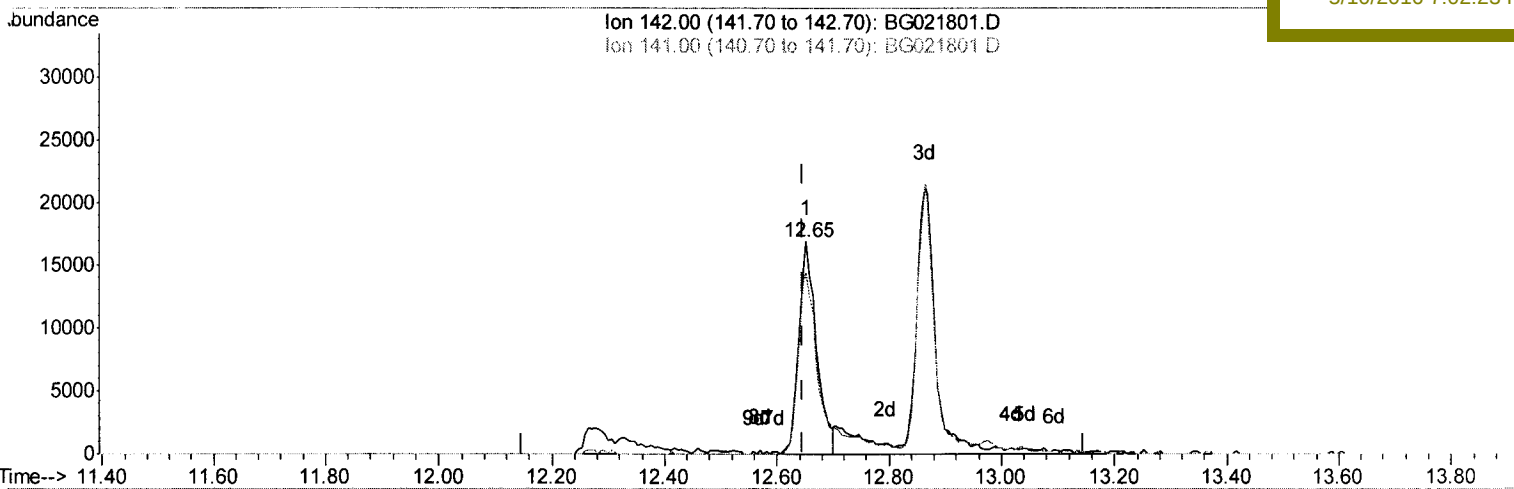
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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TIC: BG021801.D

(34) 2-Methylnaphthalene

12.652min (+0.006) 4.25ng/ul

response 37065

Ion	Exp%	Act%
142.00	100	100
141.00	89.10	85.35
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

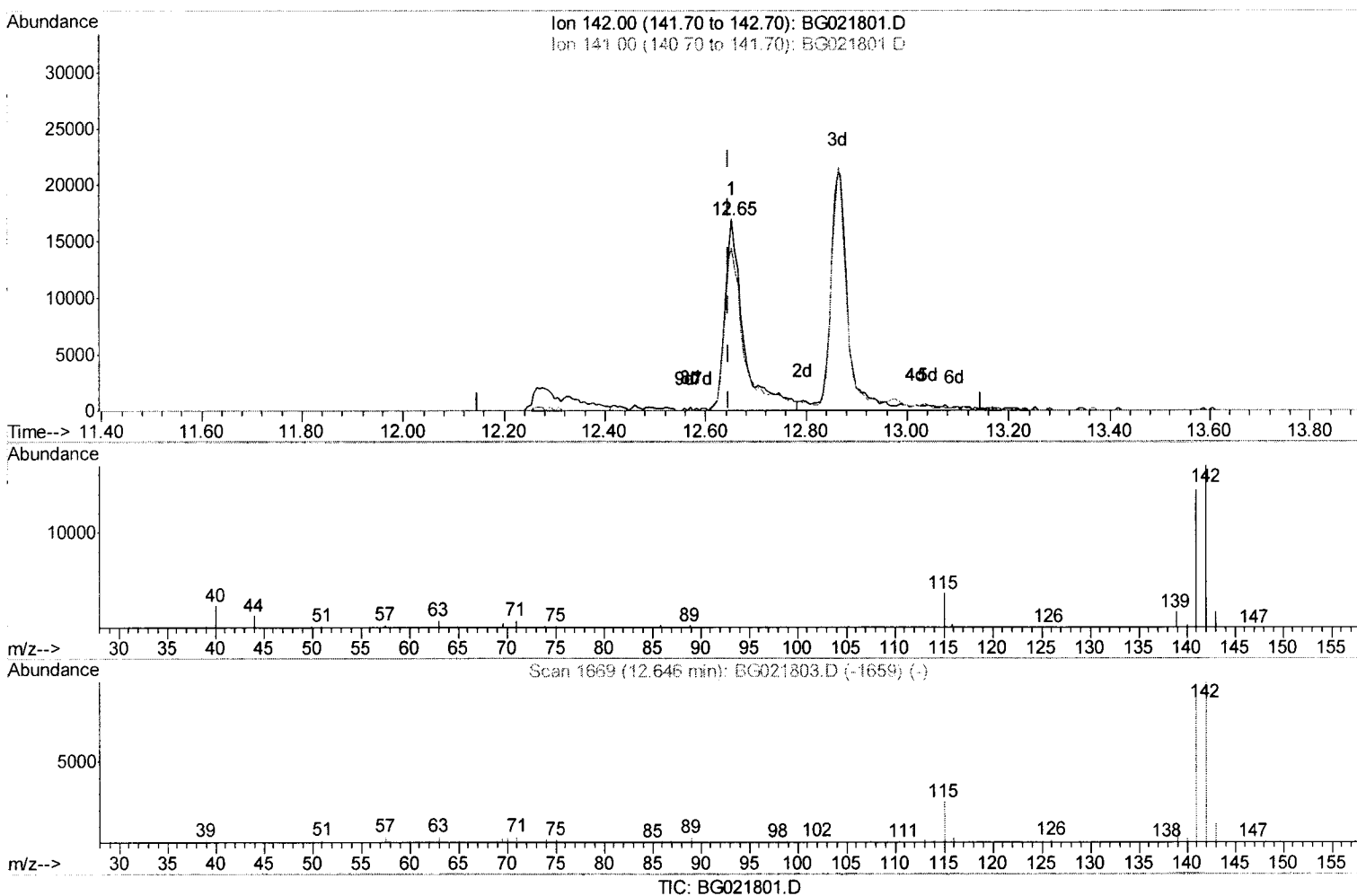
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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umangi
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(34) 2-Methylnaphthalene

12.652min (+0.006) 5.06ng/ul m

response 44140

Ion	Exp%	Act%
142.00	100	100
141.00	89.10	85.35
0.00	0.00	0.00
0.00	0.00	0.00

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 05116116

Quantitation Report (Qedit)

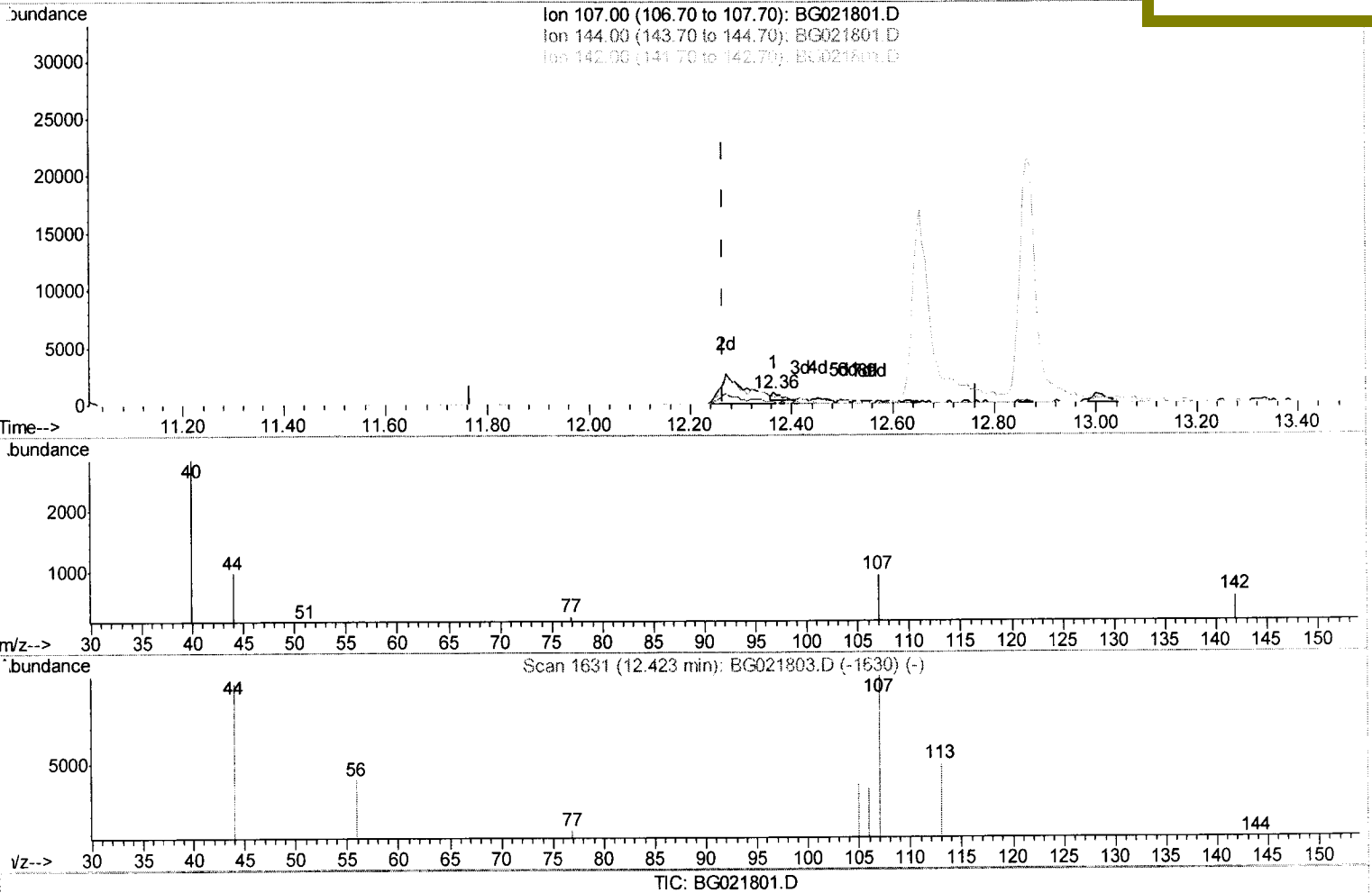
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SST000507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 SST000507

Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Manual Integrations
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(33) 4-Chloro-3-methylphenol (C)

12.364min (+0.100) 0.15ng/ul

response 648

Ion	Exp%	Act%
107.00	100	100
144.00	21.50	20.77
142.00	65.00	62.31
0.00	0.00	0.00

Quantitation Report (Qedit)

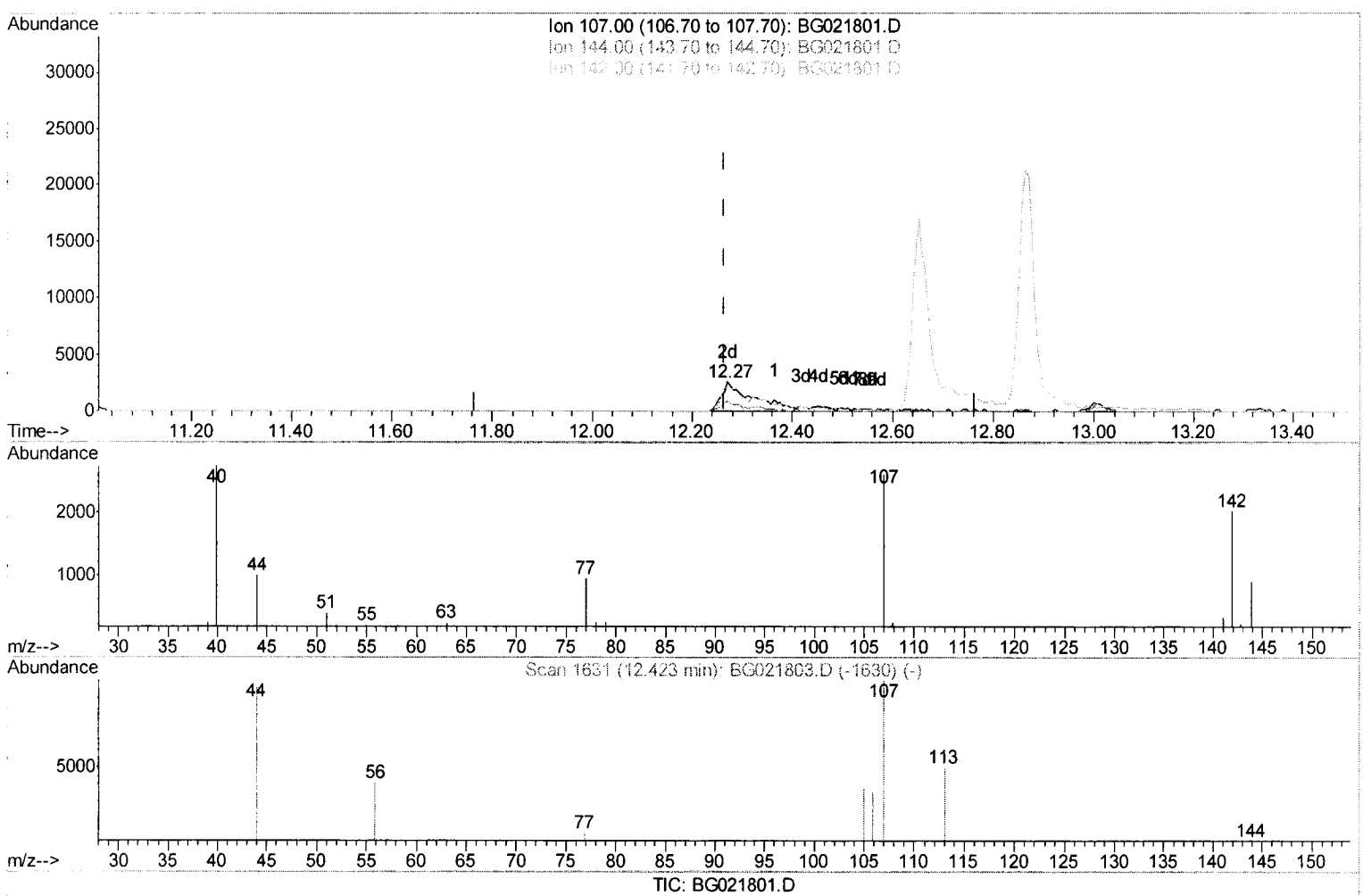
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(33) 4-Chloro-3-methylphenol (C)

12.270min (+0.006) 2.97ng/ul m

response 12791

Ion	Exp%	Act%
107.00	100	100
144.00	21.50	34.03#
142.00	65.00	77.32
0.00	0.00	0.00

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Quantitation Report (Qedit)

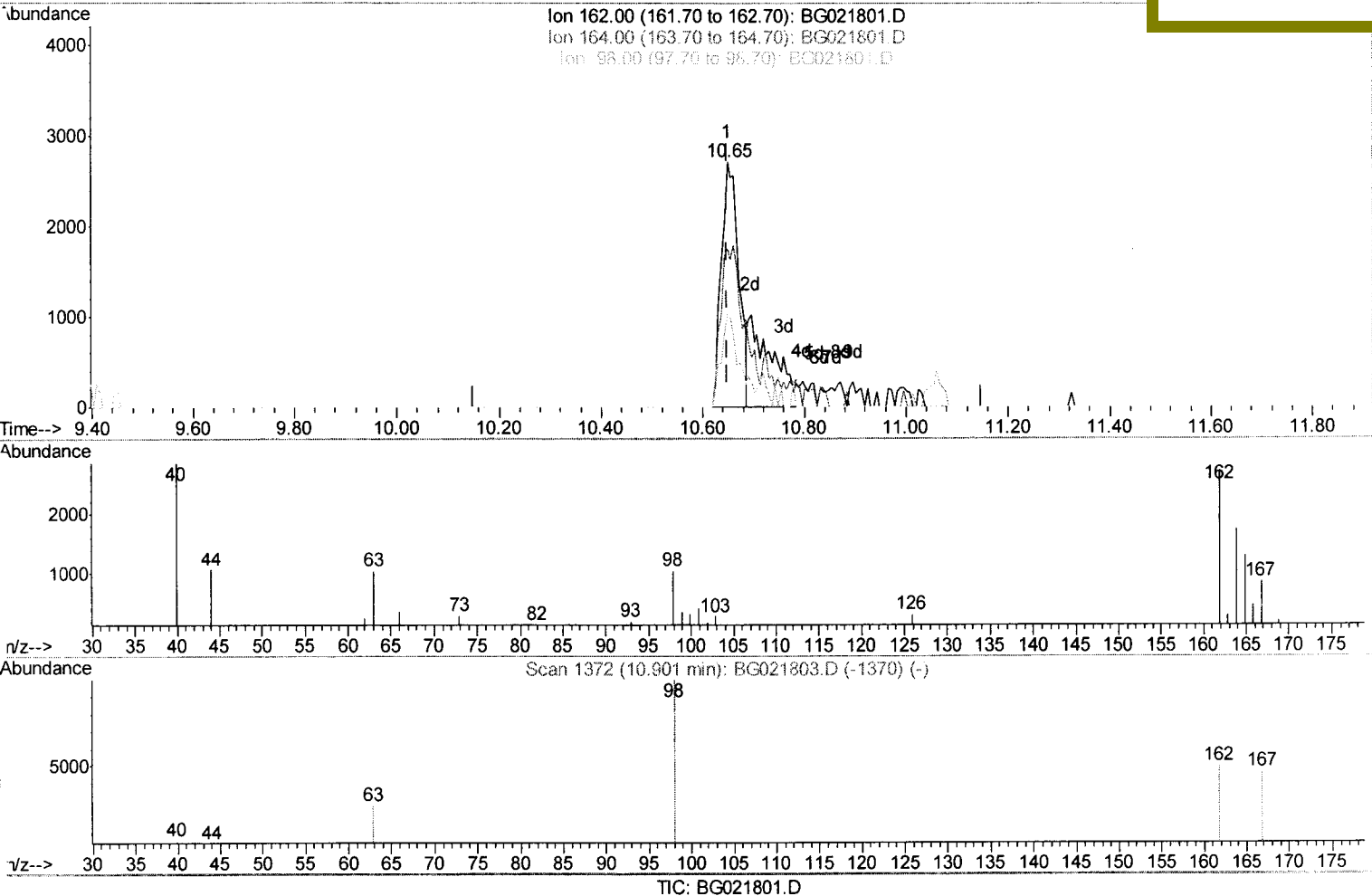
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021801.D
Acq On : 9 May 2016 9:56
Operator : UM/SJ
Sample : SSTD00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration



(27) 2,4-Dichlorophenol (C)

10.649min (+0.000) 1.80ng/ul

response 6368

Ion	Exp%	Act%
162.00	100	100
164.00	62.90	64.34
98.00	38.50	38.35
0.00	0.00	0.00

Quantitation Report (Qedit)

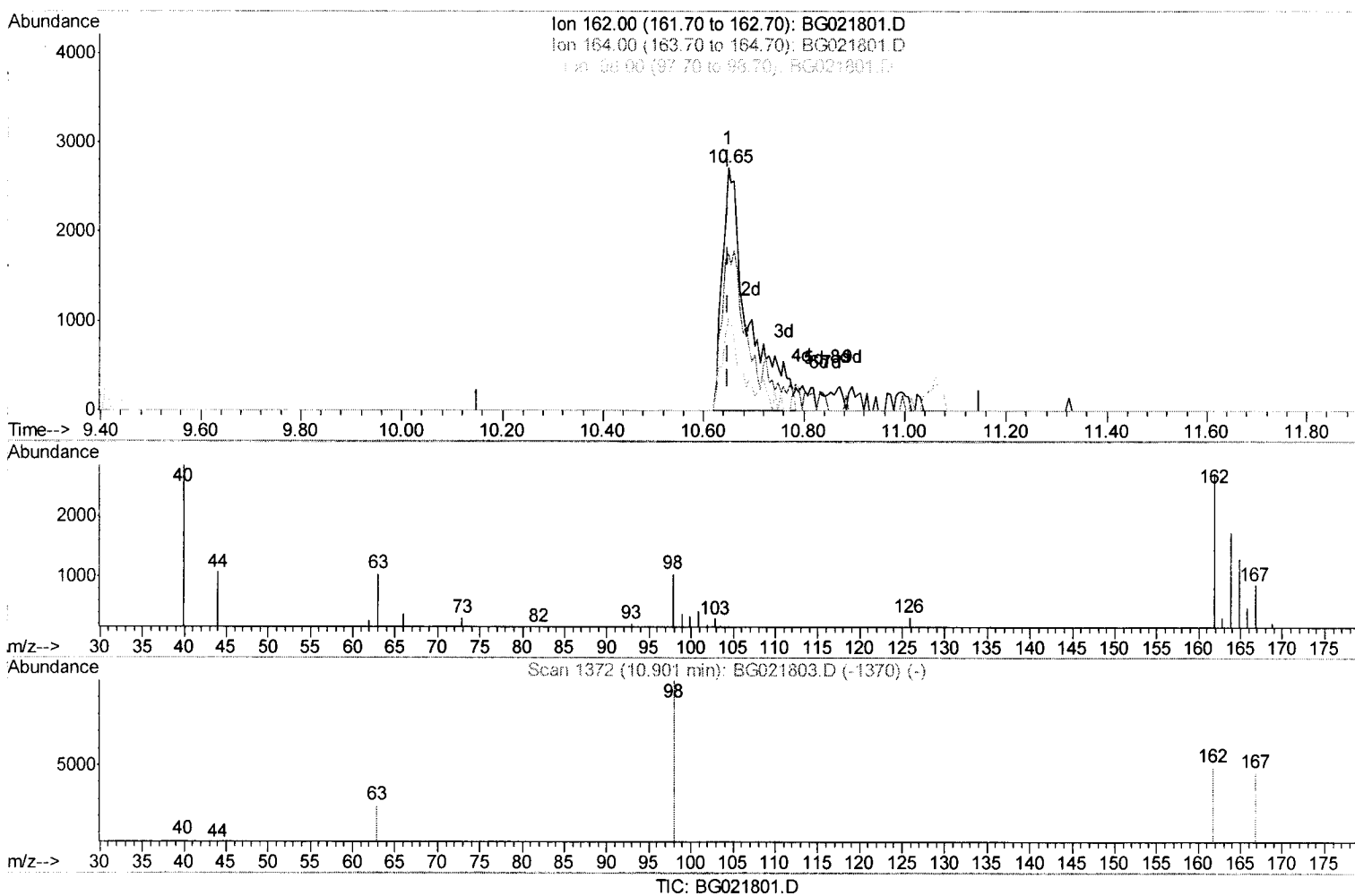
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(27) 2,4-Dichlorophenol (C)

10.649min (+0.000) 3.09ng/ul m

response 10891

Ion	Exp%	Act%
162.00	100	100
164.00	62.90	64.34
98.00	38.50	38.35
0.00	0.00	0.00

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Quantitation Report (Qedit)

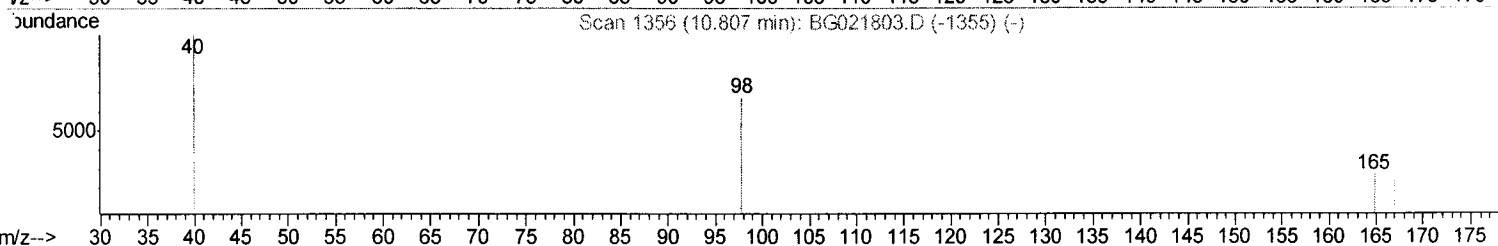
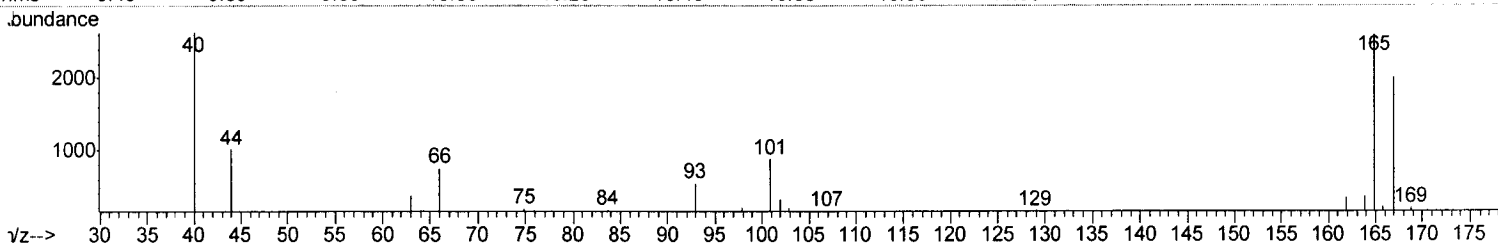
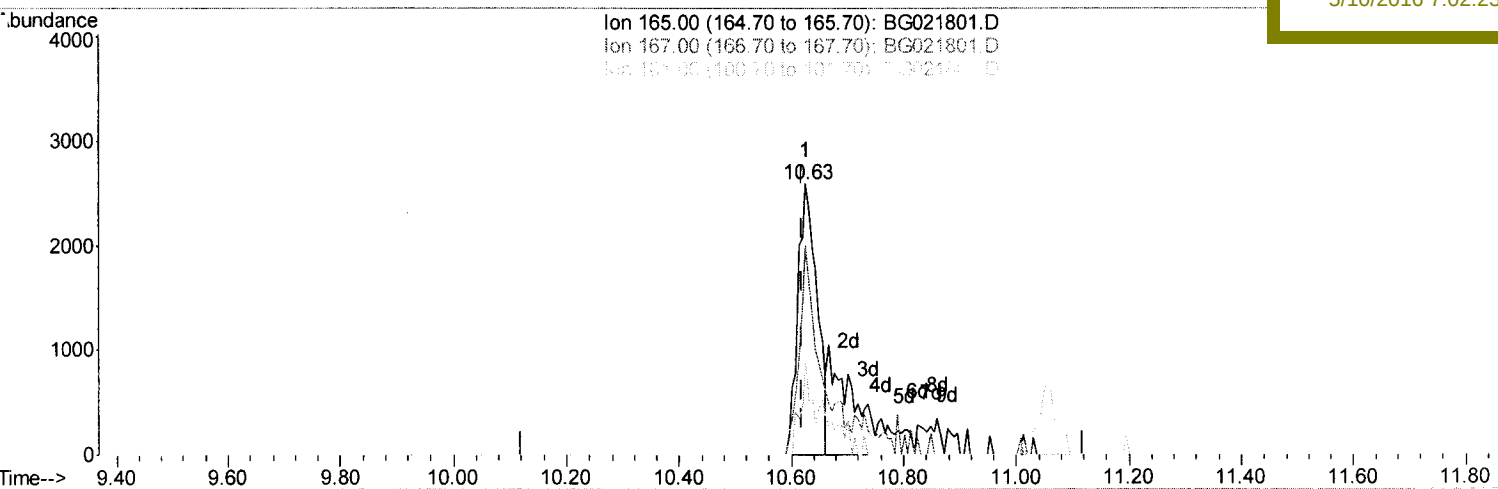
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021801.D
Acq On : 9 May 2016 9:56
Operator : UM/SJ
Sample : SSTD00507
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 14:04:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:50:51 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD00507

Manual Integrations
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TIC: BG021801.D

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

10.625min (+0.006) 1.82ng/ul

response 6172

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	77.33
101.00	41.00	33.95
0.00	0.00	0.00

Quantitation Report (Qedit)

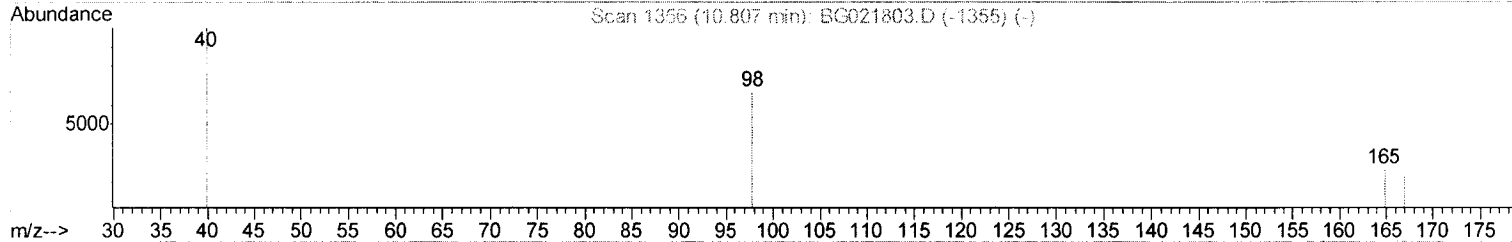
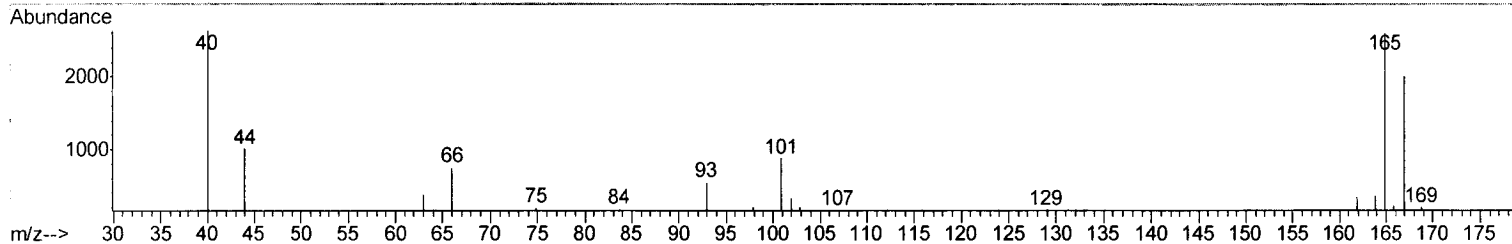
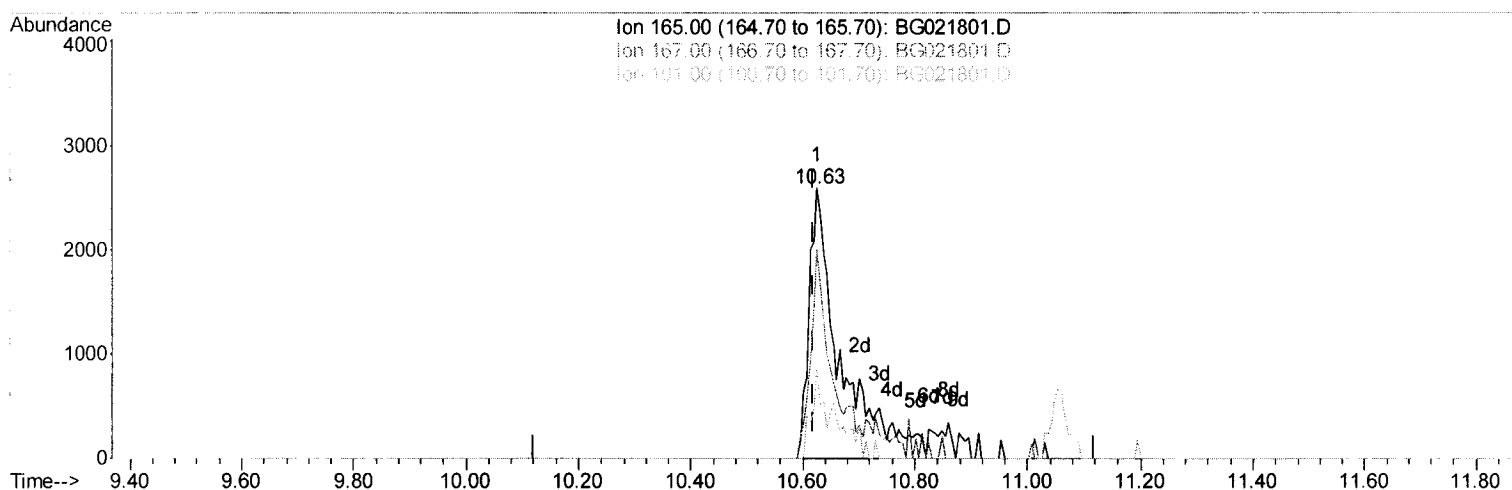
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



TIC: BG021801.D

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

10.625min (+0.006) 2.97ng/ul m

response 10098

> U.M.
 05/16/16

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	77.33
101.00	41.00	33.95
0.00	0.00	0.00

Quantitation Report (Qedit)

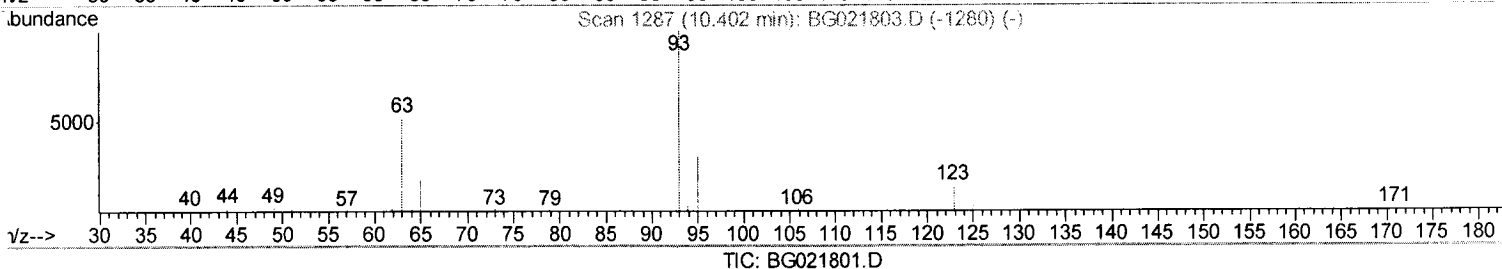
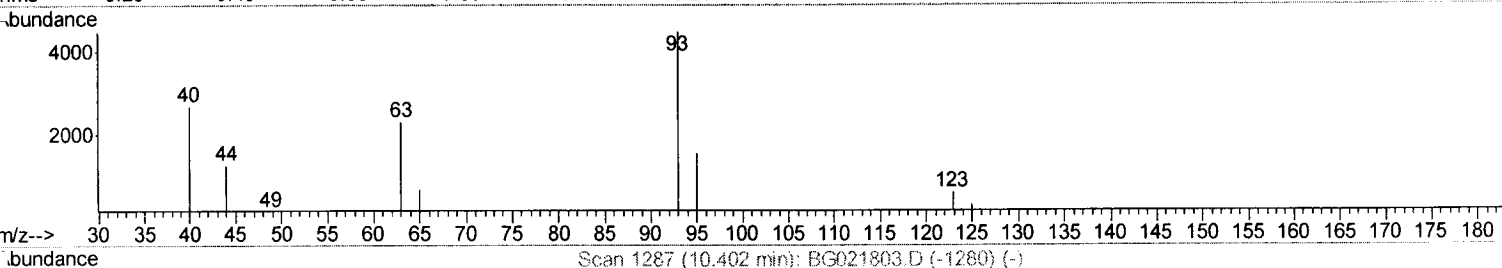
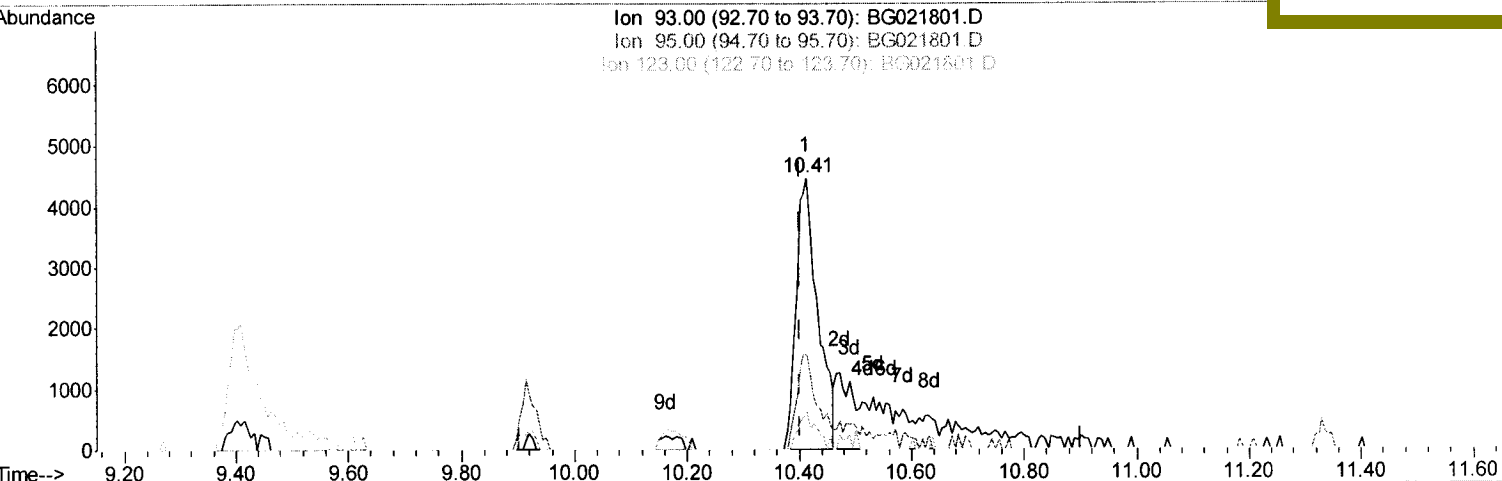
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



(25) Bis(2-Chloroethoxy)methane

10.414min (+0.012) 2.53ng/ul

response 11944

Ion	Exp%	Act%
93.00	100	100
95.00	30.90	34.90
123.00	10.40	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

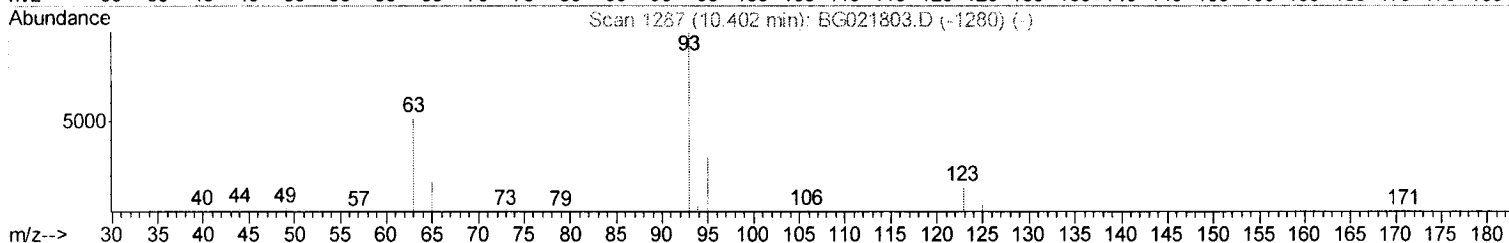
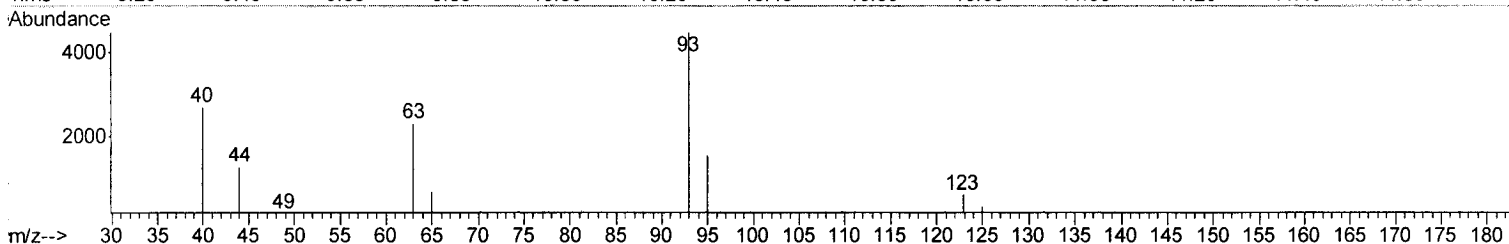
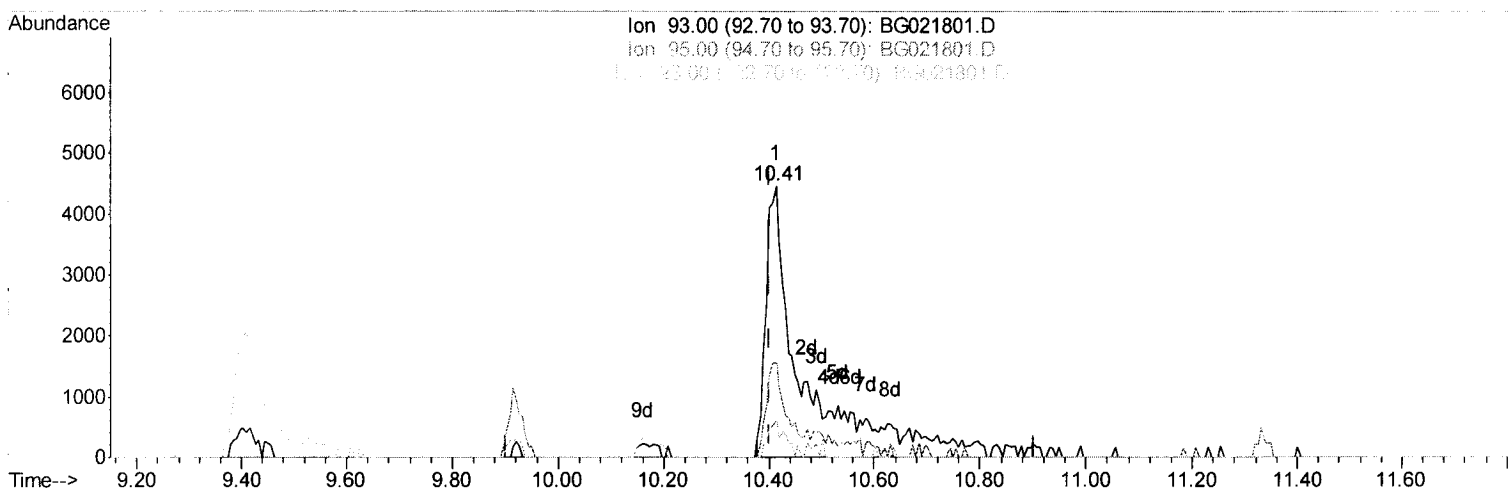
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



TIC: BG021801.D

(25) Bis(2-Chloroethoxy)methane

10.414min (+0.012) 4.67ng/ul m

response 22042

> U.M.
 05/16/16

Ion	Exp%	Act%
93.00	100	100
95.00	30.90	34.90
123.00	10.40	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

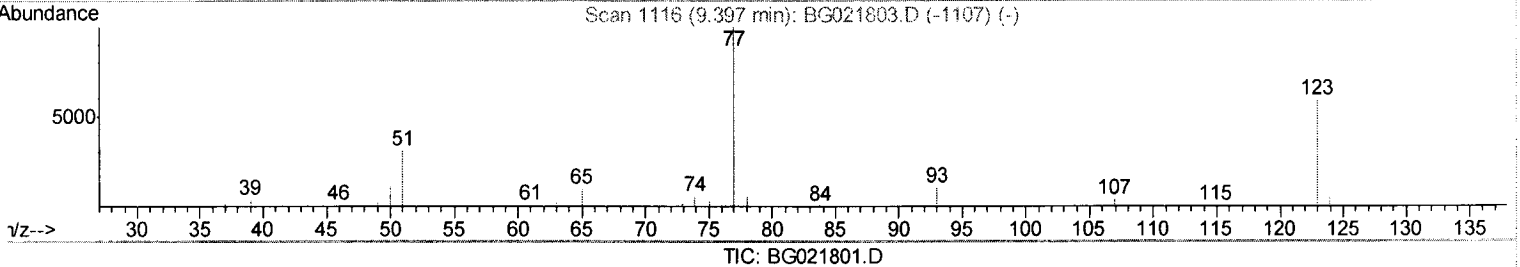
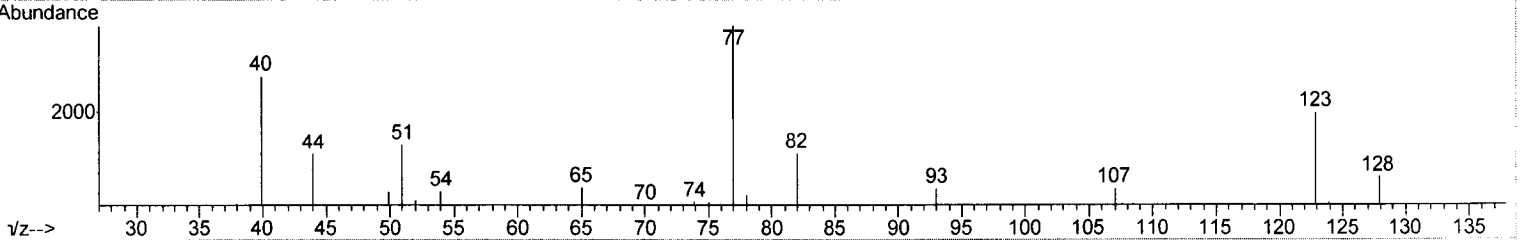
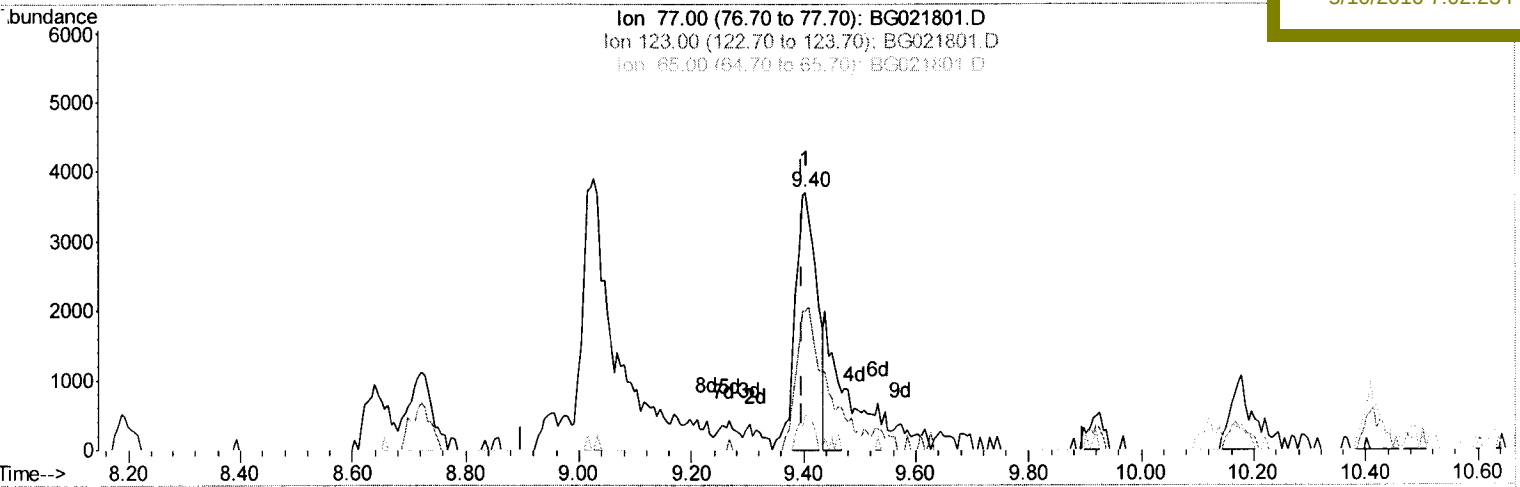
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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(20) Nitrobenzene

9.403min (+0.006) 2.09ng/ul

response 9815

Ion	Exp%	Act%
77.00	100	100
123.00	35.50	53.79#
65.00	13.80	13.81
0.00	0.00	0.00

Quantitation Report (Qedit)

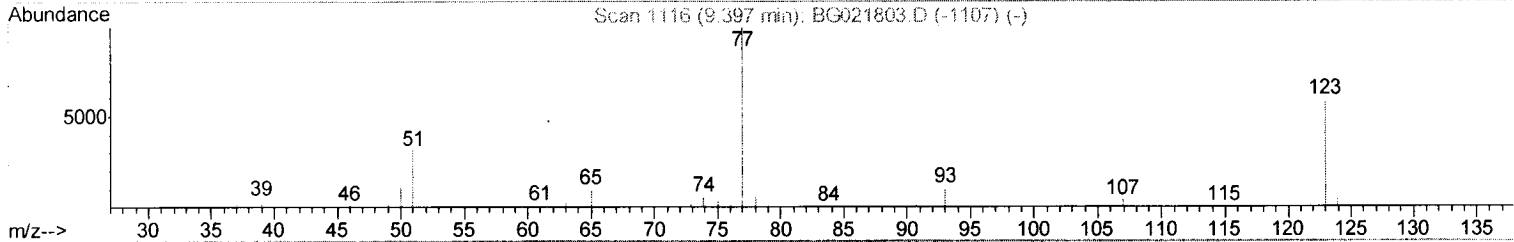
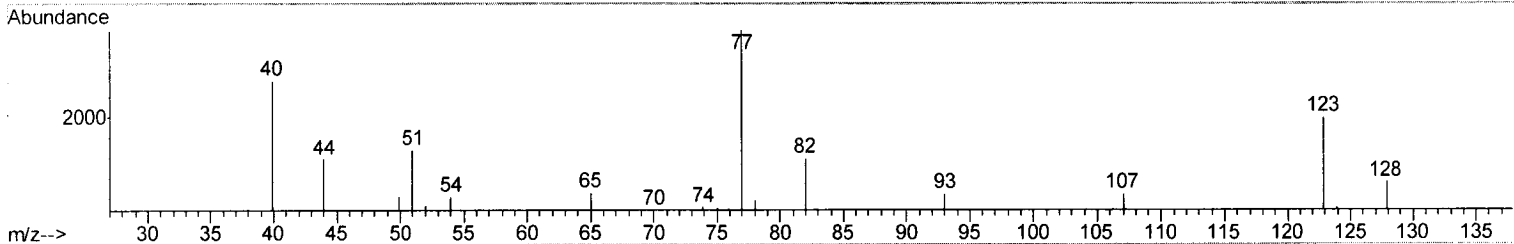
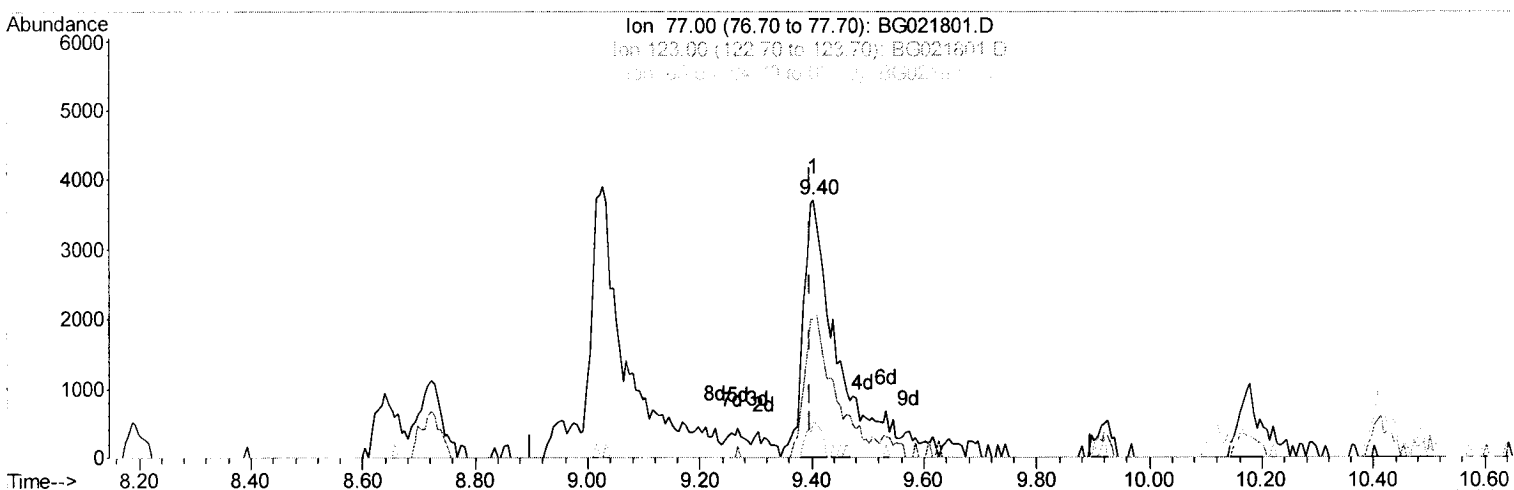
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



TIC: BG021801.D

(20) Nitrobenzene

9.403min (+0.006) 3.50ng/ul m

response 16466

Ion	Exp%	Act%
77.00	100	100
123.00	35.50	53.79#
65.00	13.80	13.81
0.00	0.00	0.00

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Quantitation Report (Qedit)

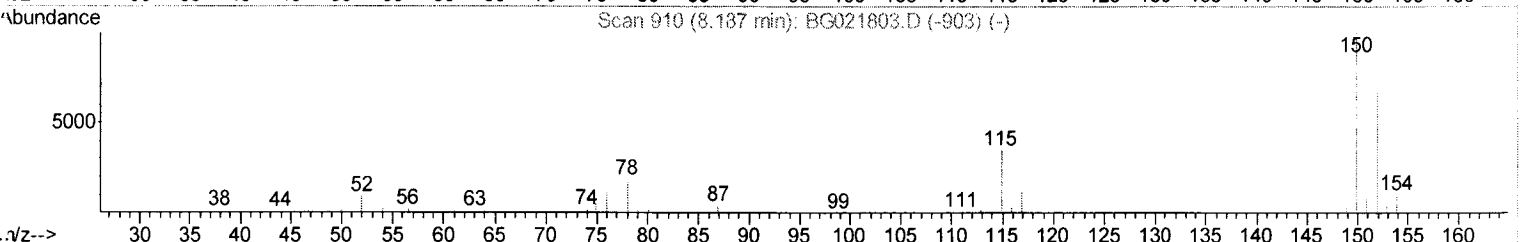
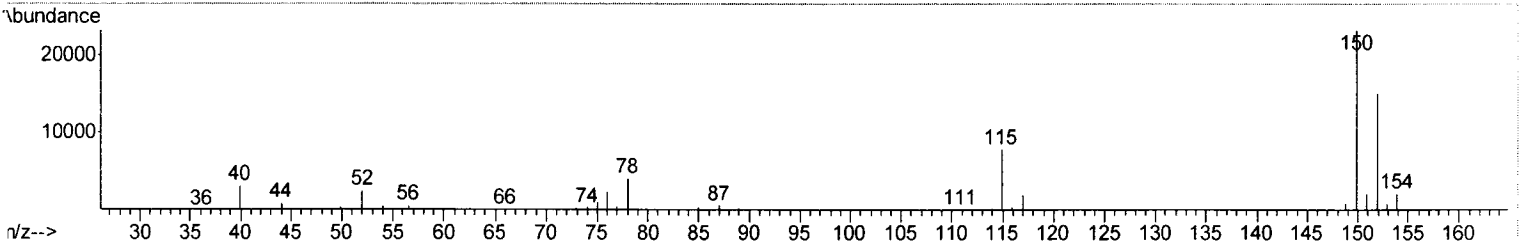
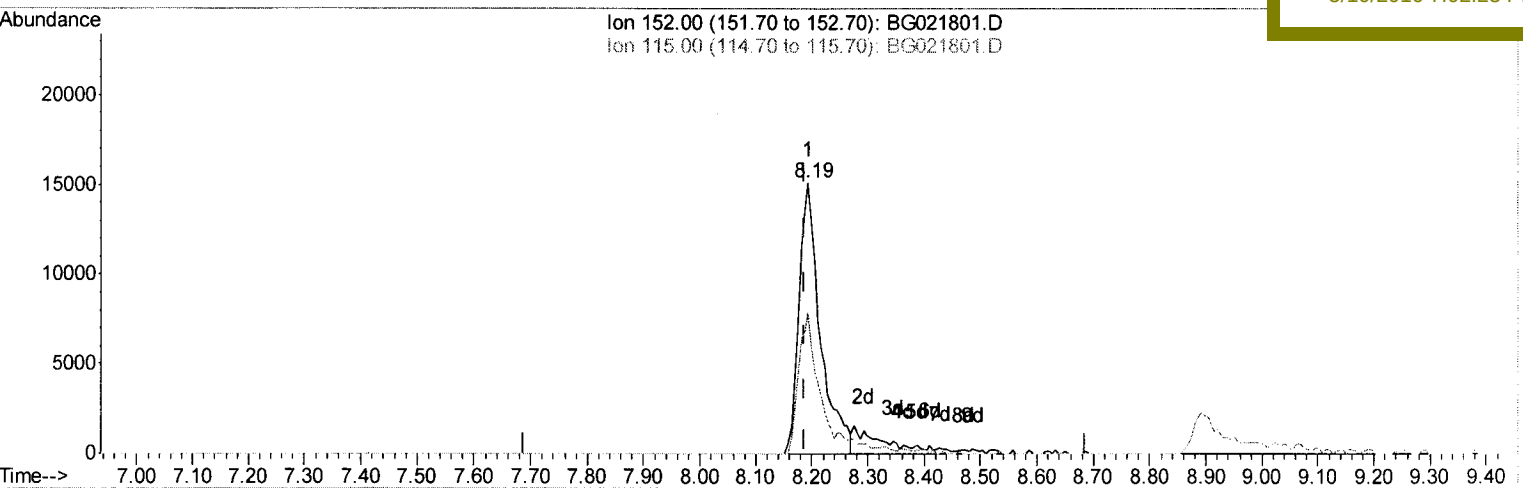
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 SSTD00507

Quant Time: Mav 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021801.D

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

8.193min (+0.006) 20.00ng/ul

response 39579

Ion	Exp%	Act%
152.00	100	100
115.00	74.20	52.08#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

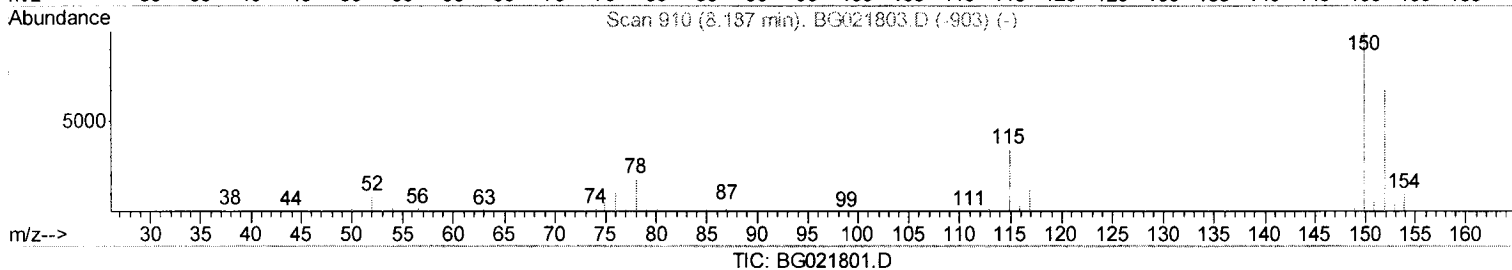
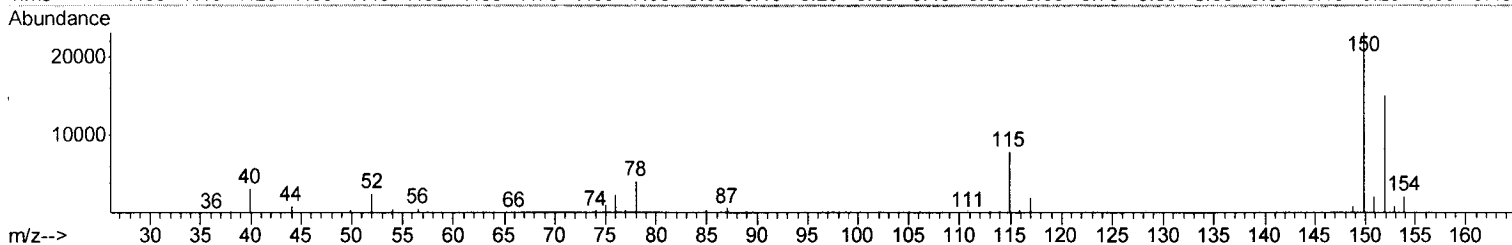
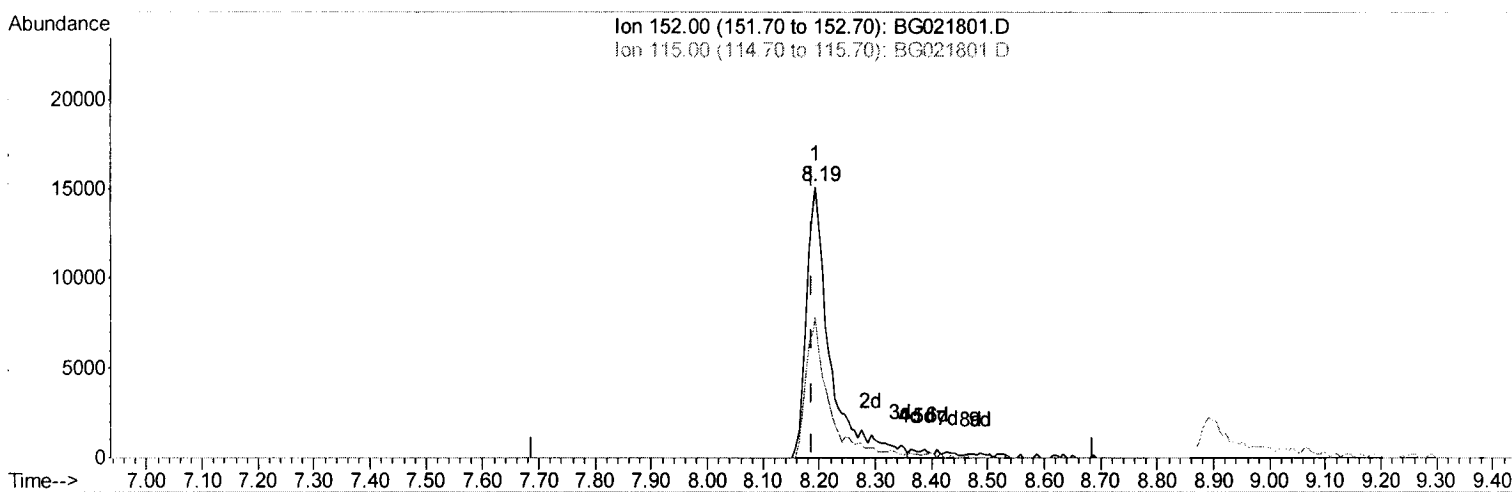
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SSTD00507

Manual Integrations
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Quant Time: May 09 14:04:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration



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

8.193min (+0.006) 20.00ng/ul m

response 44030

Ion Exp% Act%

152.00 100 100

115.00 74.20 52.08#

0.00 0.00 0.00

0.00 0.00 0.00

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD00507

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Quant Time: Mav 09 14:15:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	44030m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	221719	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	154206	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	388398	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	435193	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	416736	20.00	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.57	96	2084	2.12	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl) ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.72	132	9132	2.89	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.36	128	5407	3.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	2747	1.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	10098m	2.97	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	14.20	166	52009m	4.05	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	83307	5.26	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.80	176	64091	5.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.65	188	113648	5.97	ng/ul	0.00
77) Pyrene-d10	19.92	212	111108	5.47	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	99897	5.19	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.61	88	4210	3.18	ng/uL#	50
10) 2-Chlorophenol	7.75	128	9500	2.92	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.99	70	9719	3.01	ng/ul#	76
17) Hexachloroethane	9.27	117	6123	4.49	ng/ul	85
20) Nitrobenzene	9.40	77	16466m	3.50	ng/ul	
21) Isophorone	9.92	82	34410	3.80	ng/ul#	85
23) 2-Nitrophenol	10.13	139	3715	1.77	ng/ul#	53
24) 2,4-Dimethylphenol	10.17	107	10024	2.12	ng/ul#	68
25) Bis(2-Chloroethoxy)methane	10.41	93	22042m	4.67	ng/ul	
27) 2,4-Dichlorophenol	10.65	162	10891m	3.09	ng/ul	
28) Naphthalene	11.05	128	61017	5.19	ng/ul	98
31) Hexachlorobutadiene	11.34	225	9997	3.85	ng/ul	93
33) 4-Chloro-3-methylphenol	12.27	107	12791m	2.97	ng/ul	
34) 2-Methylnaphthalene	12.65	142	44140m	5.06	ng/ul	
35) 1-Methylnaphthalene	12.86	142	44036	5.20	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	21315	3.95	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.25	196	7129	2.25	ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	12351m	3.57	ng/ul	
41) 1,1'-Biphenyl	13.65	154	62856	4.98	ng/ul#	92
42) 2-Chloronaphthalene	13.69	162	46720	4.74	ng/ul	92
43) 2-Nitroaniline	13.92	65	6564m	1.91	ng/ul	
45) Dimethylphthalate	14.25	163	52275	3.92	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	8763	3.22	ng/ul#	78

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 05/16/16

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021801.D
 Acq On : 9 May 2016 9:56
 Operator : UM/SJ
 Sample : SSTD00507
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SSTD00507

Manual Integrations
 APPROVED

umangi
 5/10/2016 7:02:23 PM

Quant Time: May 09 14:15:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:50:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.53	152	86297	5.50	ng/ul	99
50) Acenaphthene	14.87	153	59736	5.52	ng/ul	96
54) Dibenzofuran	15.21	168	83270m	5.50	ng/ul	
55) 2,4-Dinitrotoluene	15.17	165	11672	2.92	ng/ul#	68
56) 2,3,4,6-Tetrachlorophenol	15.43	232	7626	3.01	ng/ul#	81
57) Diethylphthalate	15.61	149	47778	3.35	ng/ul	99
59) Fluorene	15.85	166	72513	5.47	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.84	204	30059	4.32	ng/ul#	84
65) N-Nitrosodiphenylamine	16.05	169	57356	4.77	ng/ul	97
66) 4-Bromophenyl-phenylether	16.74	248	21459m	4.73	ng/ul	
67) Hexachlorobenzene	16.85	284	25365	5.30	ng/ul#	79
70) Phenanthrene	17.59	178	118655	5.39	ng/ul	97
72) Anthracene	17.68	178	117987	5.27	ng/ul	98
74) Di-n-butylphthalate	18.49	149	60592	2.43	ng/ul#	97
75) Fluoranthene	19.59	202	135631	5.11	ng/ul	99
78) Pyrene	19.95	202	137236	5.29	ng/ul	98
79) Butylbenzylphthalate	20.83	149	16463	1.50	ng/ul	86
81) Benzo(a)anthracene	21.81	228	127627	4.86	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.71	149	25703	1.60	ng/ul#	97
83) Chrysene	21.88	228	137195	5.51	ng/ul	95
86) Benzo(b)fluoranthene	24.10	252	113366	4.24	ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	138347	5.26	ng/ul#	97
89) Benzo(a)pyrene	25.00	252	116403	4.48	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.99	276	133866	4.53	ng/ul	92
91) Dibenzo(a,h)anthracene	29.04	278	112360m	4.47	ng/ul	
92) Benzo(a,h,i)perylene	30.16	276	117269m	4.83	ng/ul	

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