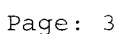


Quant Time: May 09 13:17:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

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Quantitation Report (Qedit)

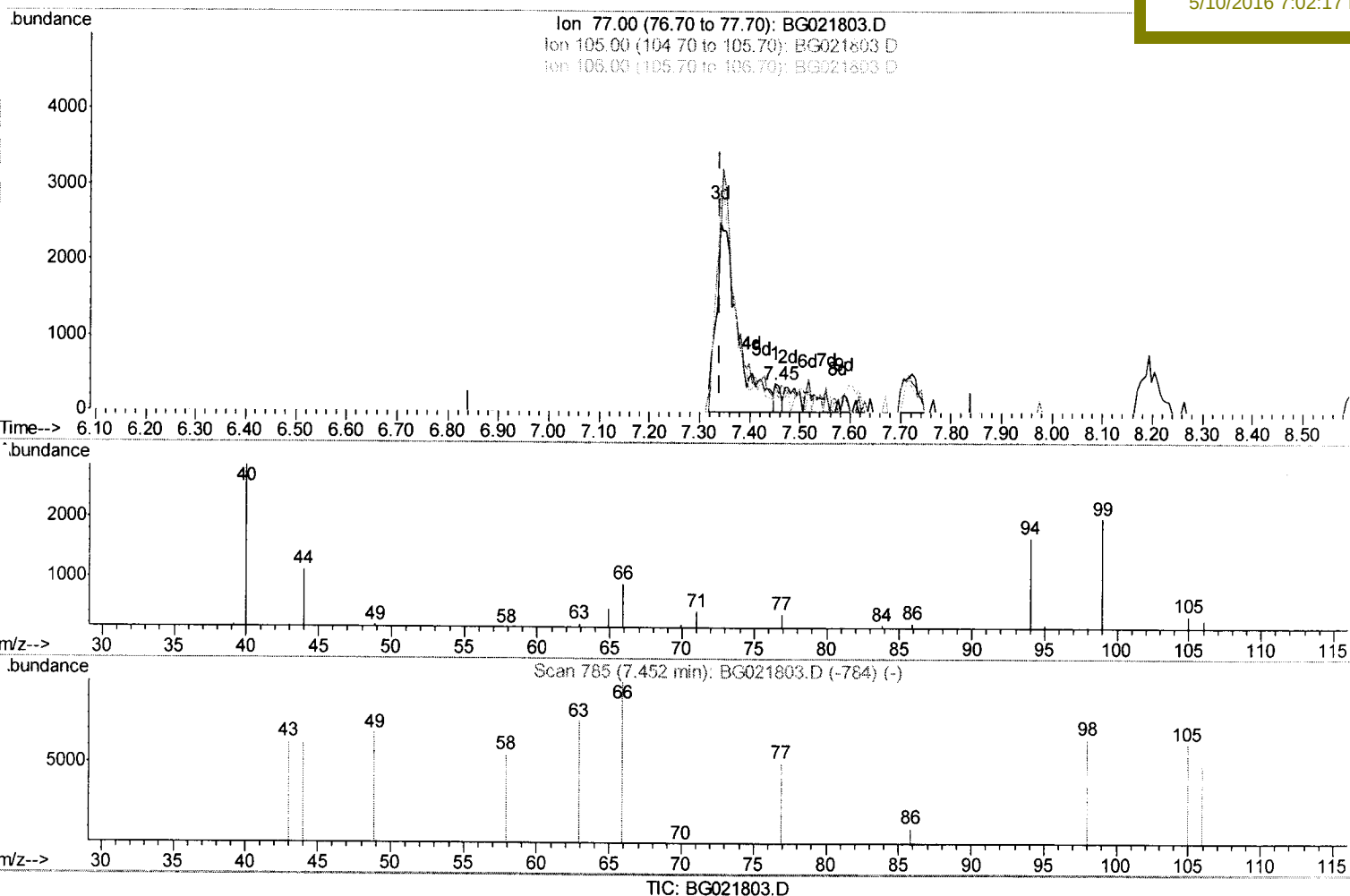
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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(4) Benzaldehyde

7.452min (+0.112) 0.10ng/ul

response 312

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	96.31
106.00	81.20	76.52
0.00	0.00	0.00

Quantitation Report (Qedit)

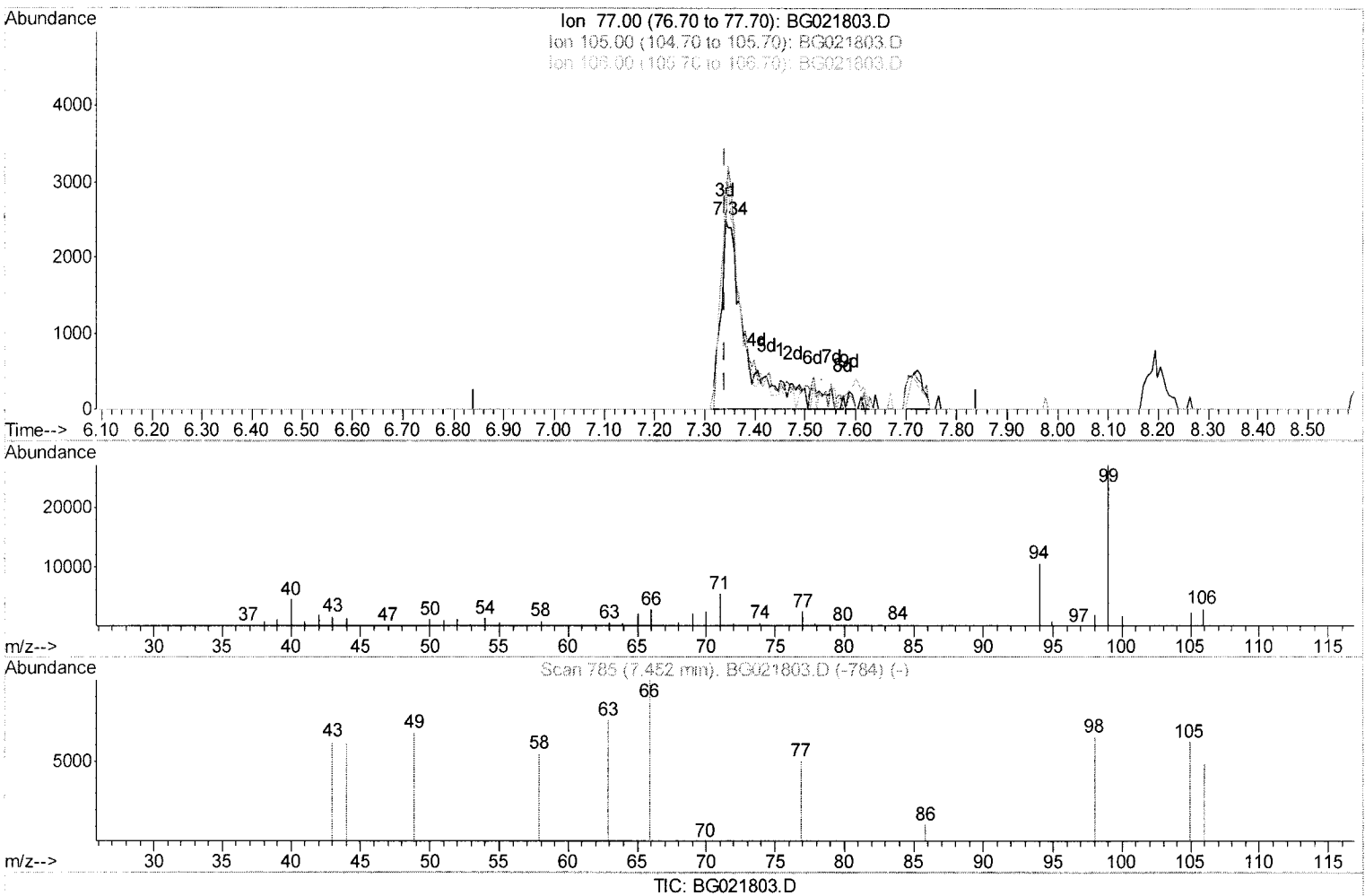
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(4) Benzaldehyde

7.341min (0.000) 2.68ng/ul m

response 8520

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	93.01
106.00	81.20	118.82#
0.00	0.00	0.00

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Quantitation Report (Qedit)

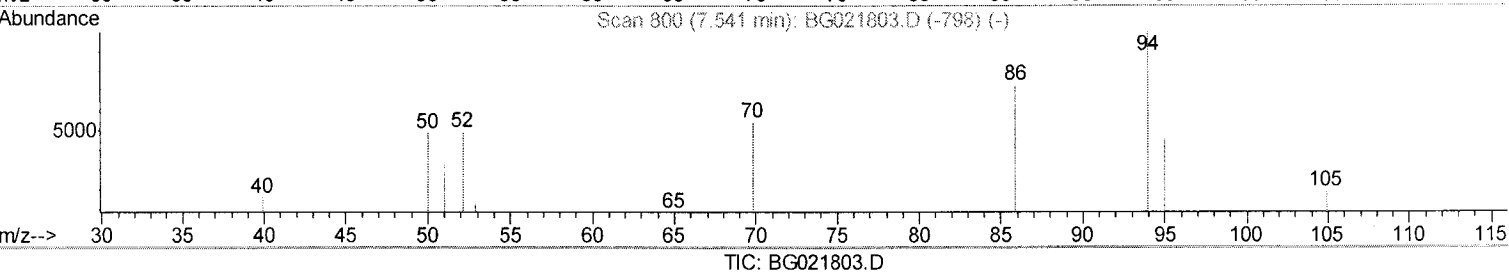
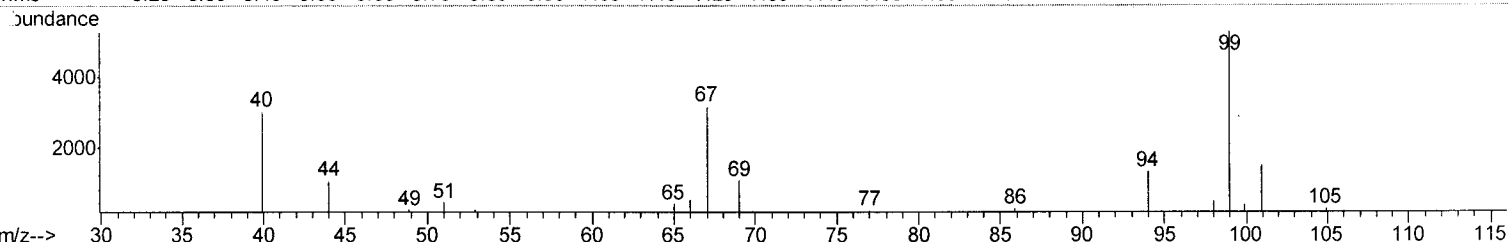
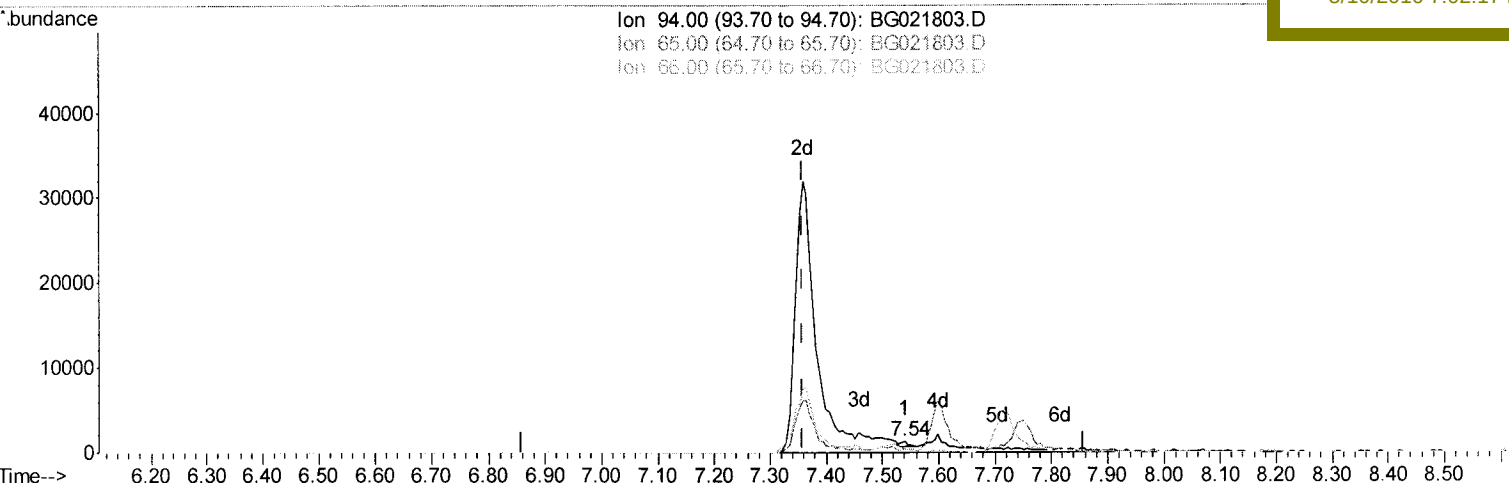
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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(6) Phenol

7.541min (+0.182) 0.09ng/ul

response 523

Ion	Exp%	Act%
94.00	100	100
65.00	32.60	29.58
66.00	43.70	38.78
0.00	0.00	0.00

Quantitation Report (Qedit)

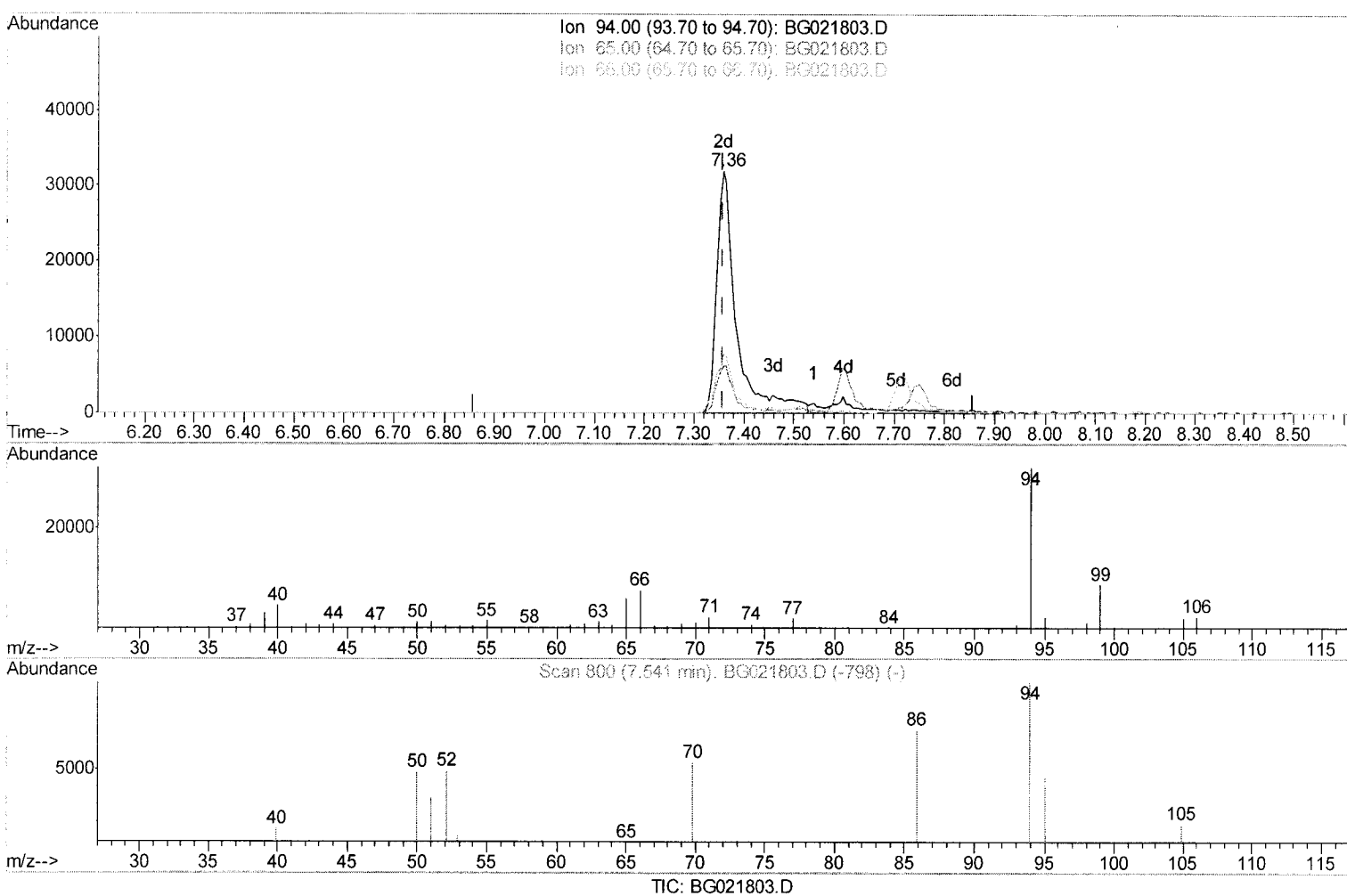
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(6) Phenol

7.358min (0.000) 15.77ng/ul m

response 86925

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 05/16/16

Ion	Exp%	Act%
94.00	100	100
65.00	32.60	19.17#
66.00	43.70	23.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

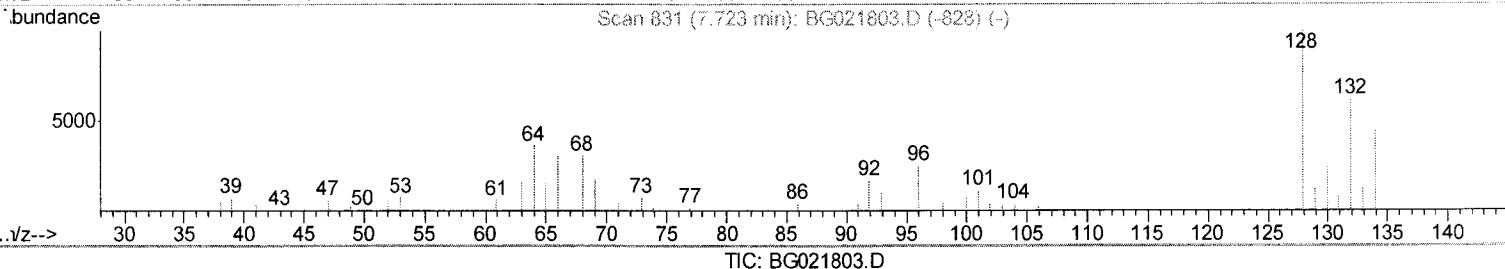
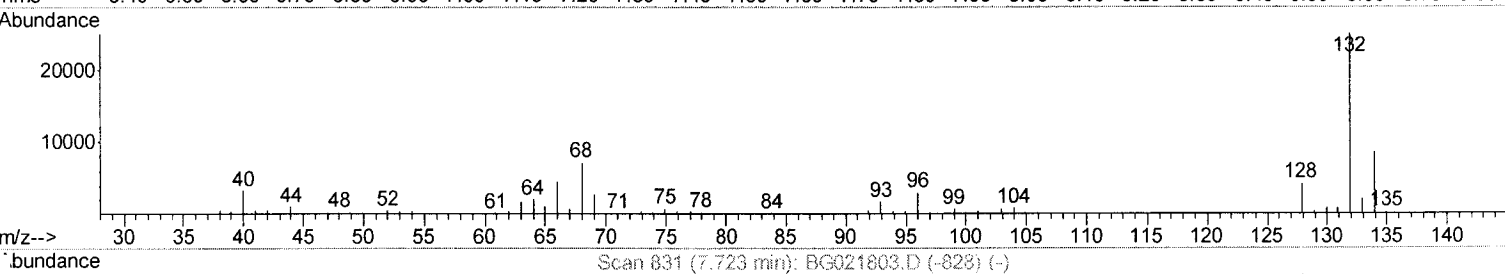
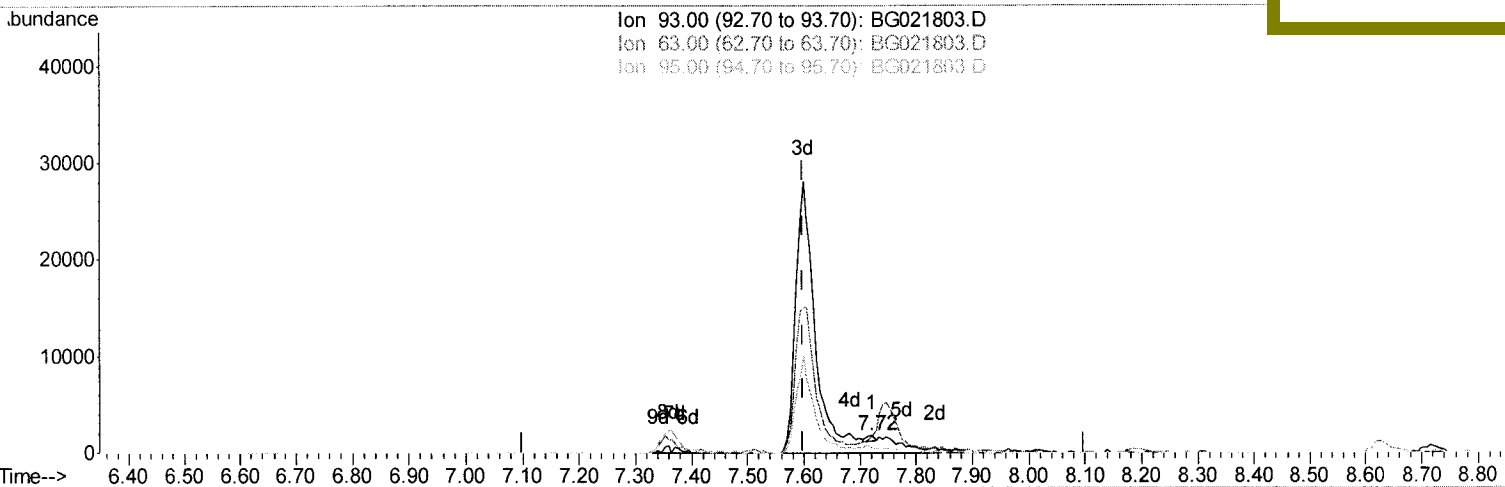
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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(8) Bis(2-Chloroethyl)ether

7.723min (+0.123) 0.14ng/ul

response 565

Ion	Exp%	Act%
93.00	100	100
63.00	88.00	99.28
95.00	35.60	30.05
0.00	0.00	0.00

Quantitation Report (Qedit)

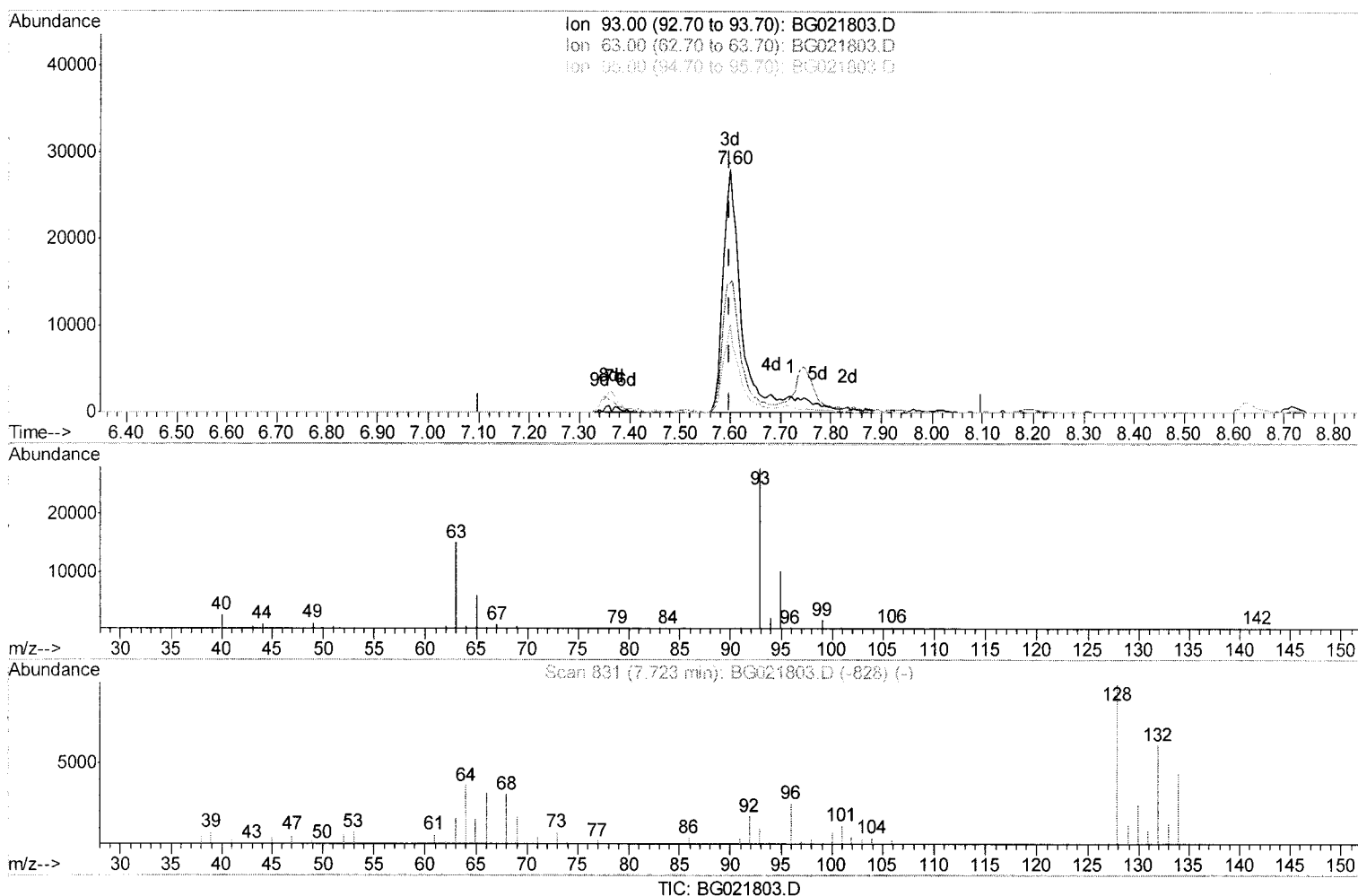
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(8) Bis(2-Chloroethyl)ether

7.599min (0.000) 18.89ng/ul m

response 75363

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Ion	Exp%	Act%
93.00	100	100
63.00	88.00	53.38#
95.00	35.60	35.80
0.00	0.00	0.00

Quantitation Report (Qedit)

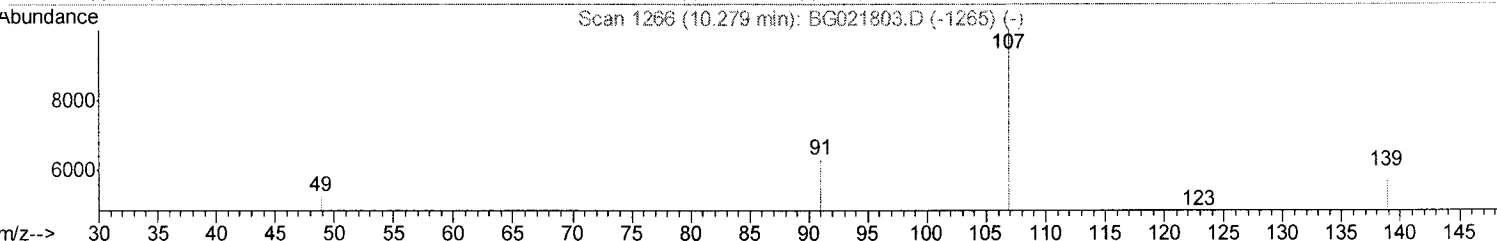
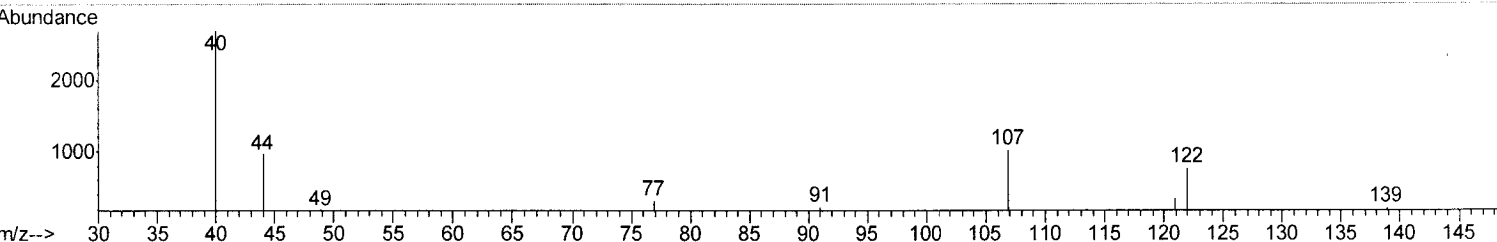
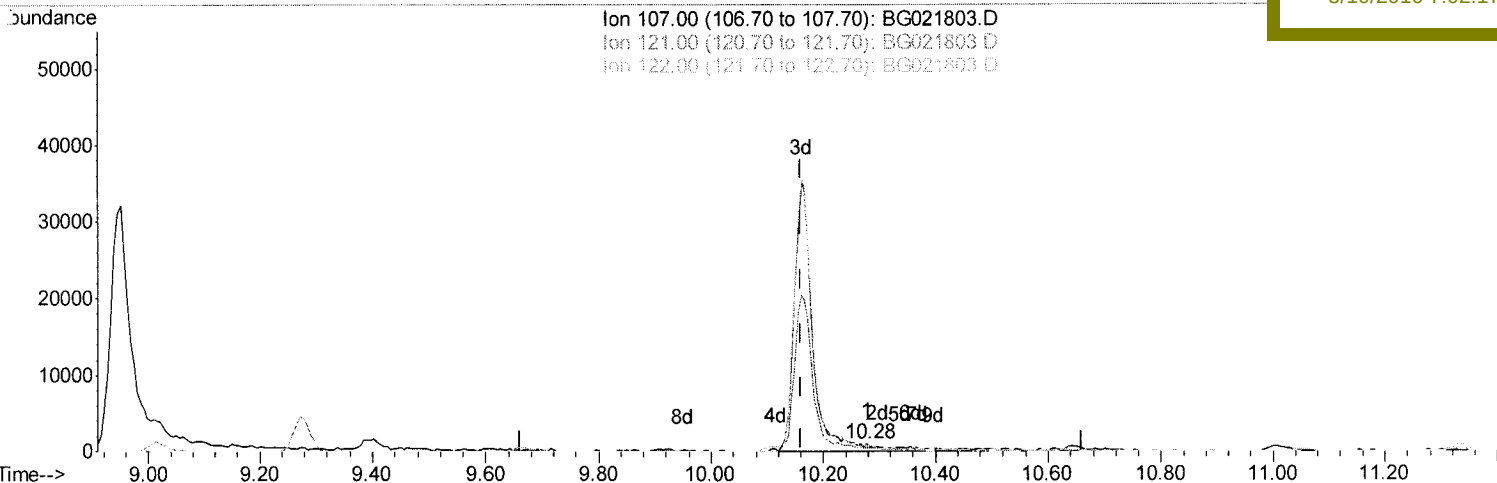
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 SST02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



TIC: BG021803.D

(24) 2,4-Dimethylphenol

10.279min (+0.118) 0.04ng/ul

response 252

Ion	Exp%	Act%
107.00	100	100
121.00	41.50	33.66
122.00	71.80	75.24
0.00	0.00	0.00

Quantitation Report (Qedit)

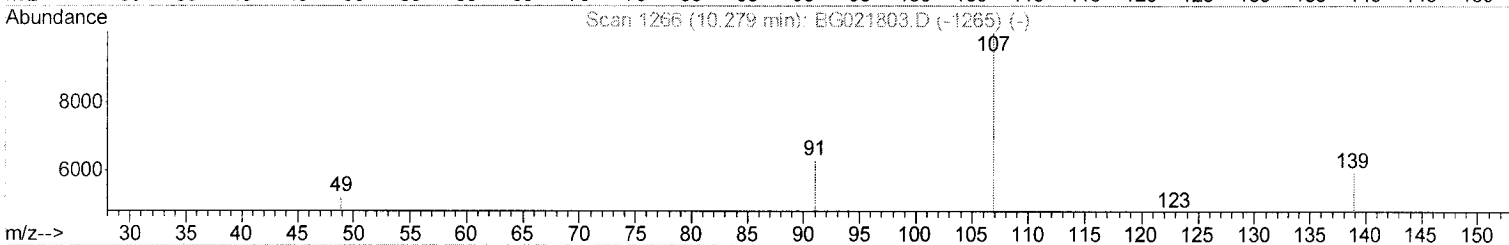
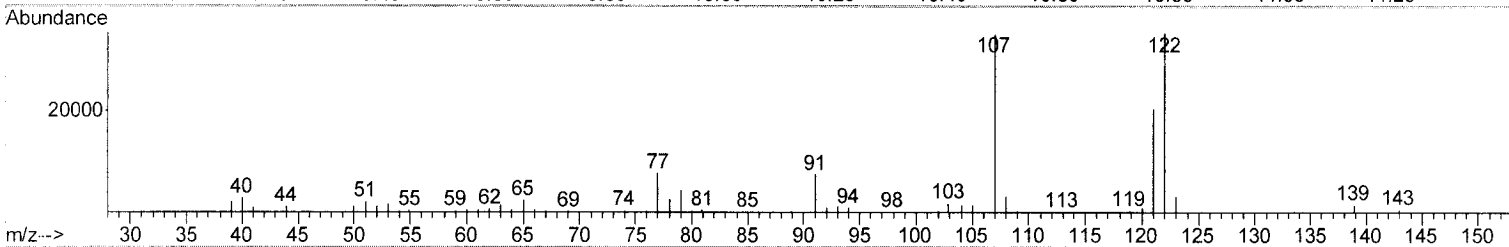
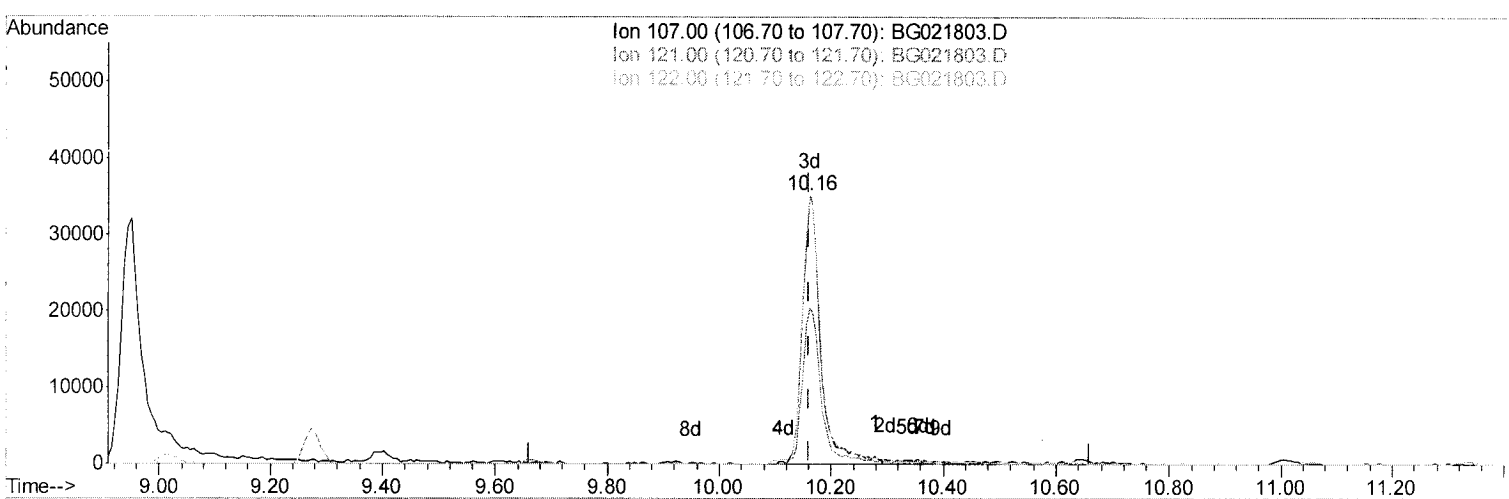
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



TIC: BG021803.D

(24) 2,4-Dimethylphenol

10.161min (0.000) 12.60ng/ul m

response 79647

Ion	Exp%	Act%
107.00	100	100
121.00	41.50	58.04#
122.00	71.80	100.50#
0.00	0.00	0.00

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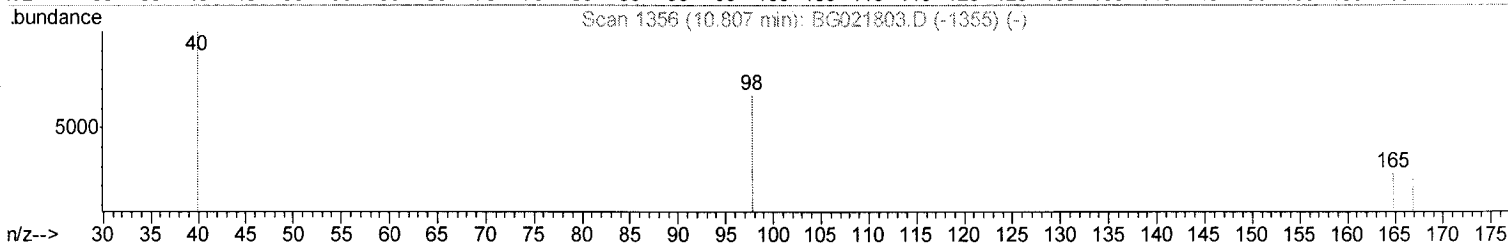
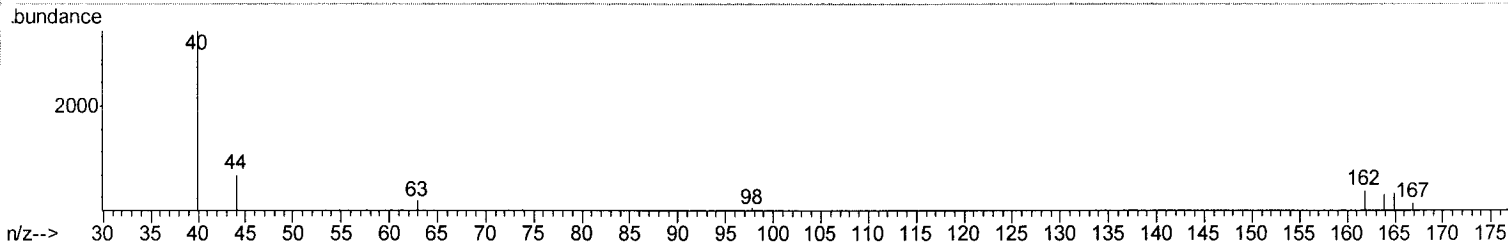
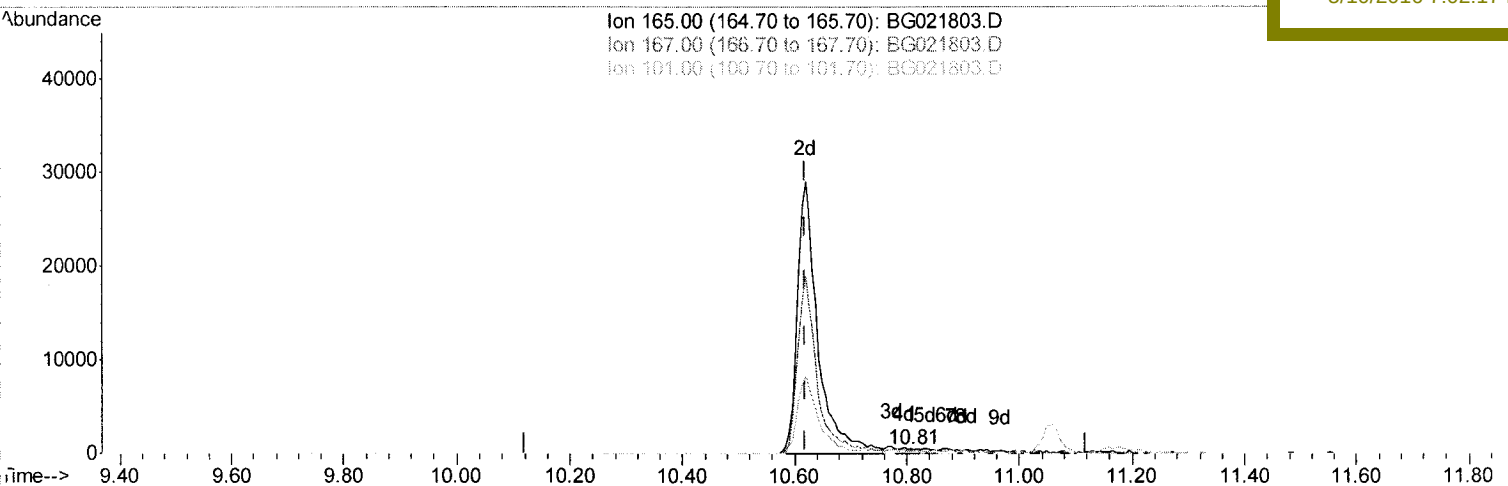
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mav 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations
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TIC: BG021803.D

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

10.807min (+0.188) 0.03ng/ul

response 147

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	64.11
101.00	41.00	35.89
0.00	0.00	0.00

Quantitation Report (Qedit)

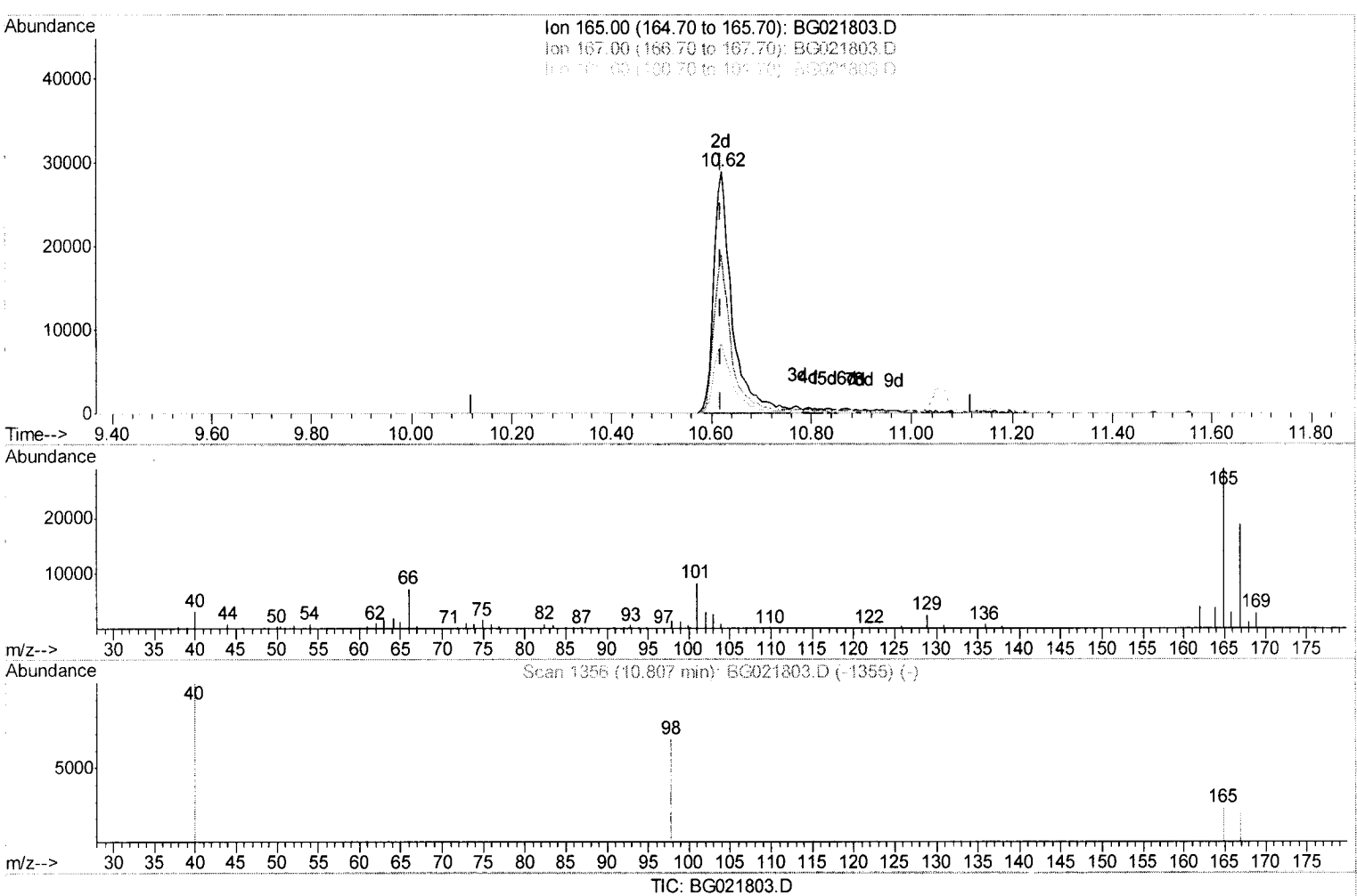
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



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

10.619min (0.000) 16.41ng/ul m

response 74438

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	65.27
101.00	41.00	28.79#
0.00	0.00	0.00

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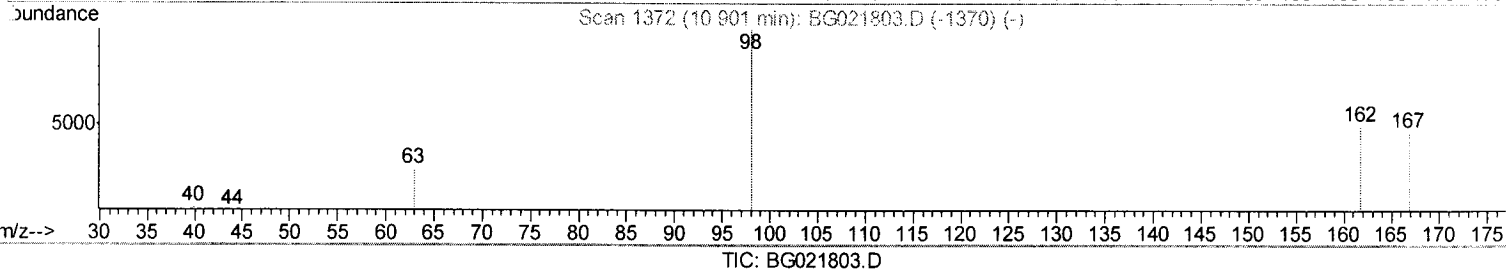
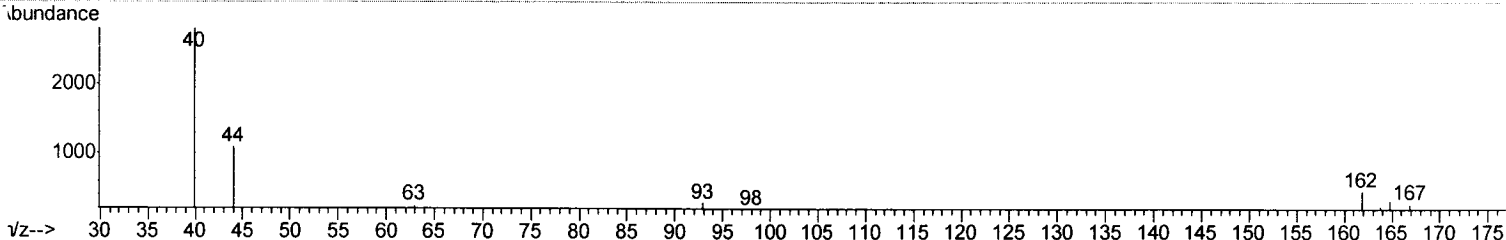
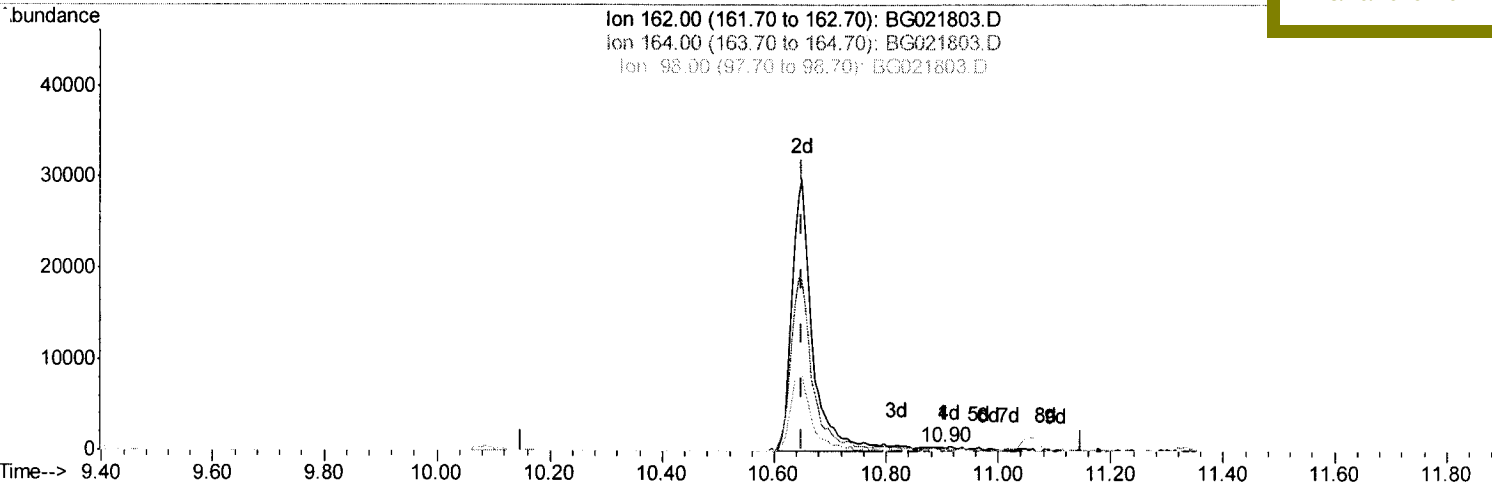
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

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(27) 2,4-Dichlorophenol (C)
 10.901min (+0.253) 0.02ng/ul
 response 87

Ion	Exp%	Act%
162.00	100	100
164.00	62.90	51.73
98.00	38.50	43.29
0.00	0.00	0.00

Quantitation Report (Qedit)

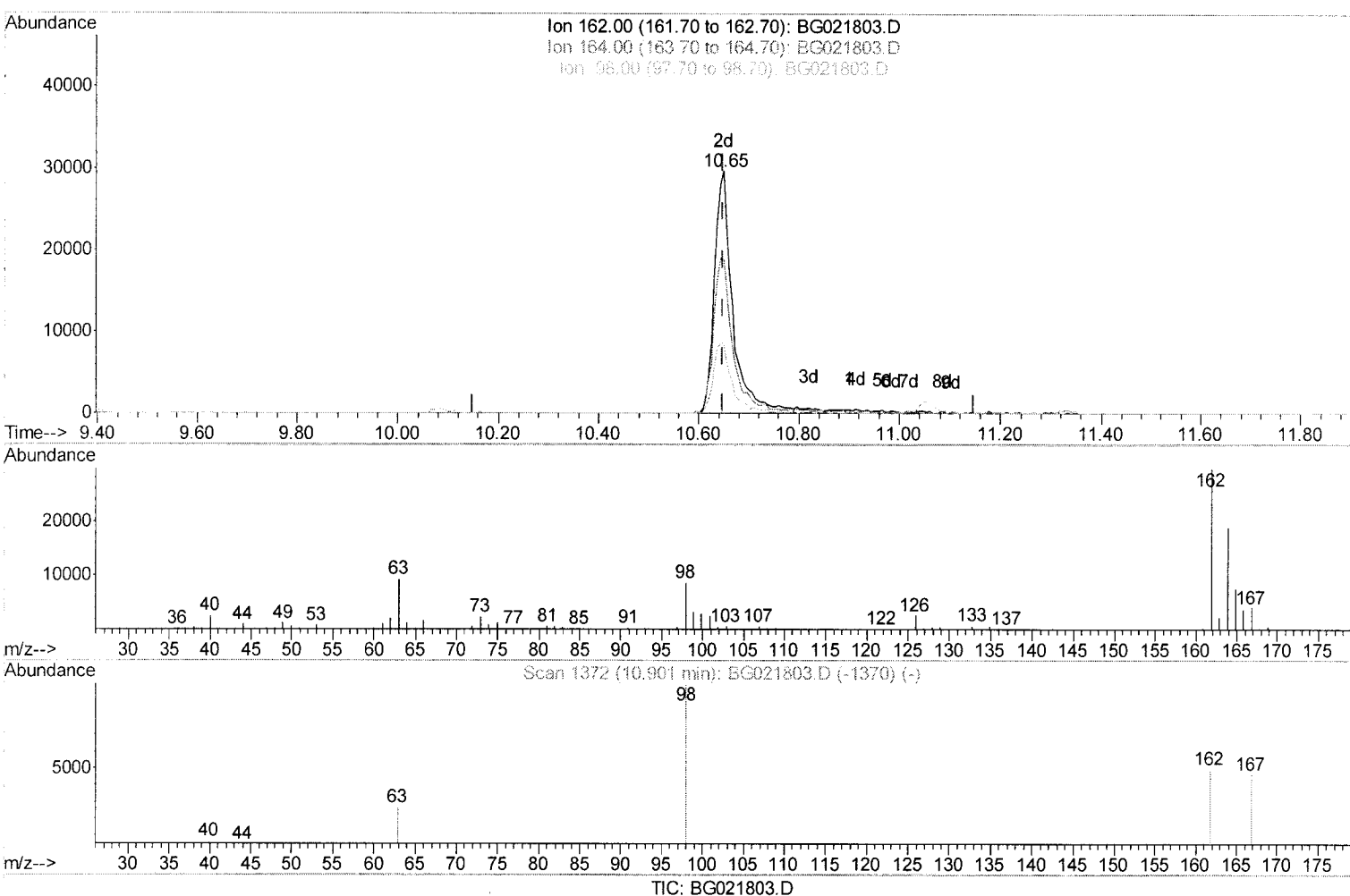
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(27) 2,4-Dichlorophenol (C)

10.649min (0.000) 15.90ng/ul m

response 74879

Ion	Exp%	Act%
162.00	100	100
164.00	62.90	63.69
98.00	38.50	29.13#
0.00	0.00	0.00

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Quantitation Report (Qedit)

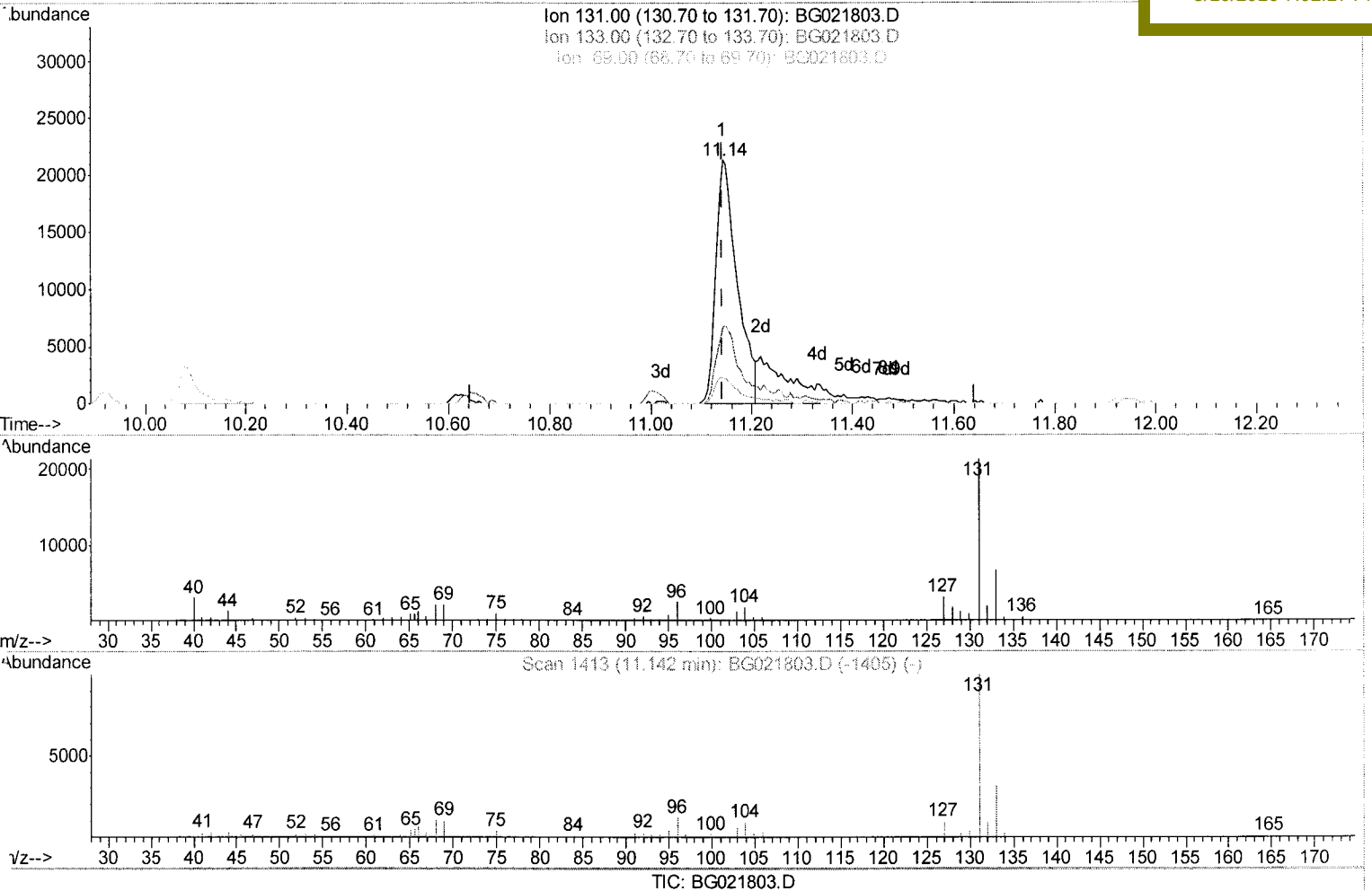
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: Mav 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)
 11.142min (0.000) 10.60ng/ul
 response 62858

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.95
69.00	23.00	10.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

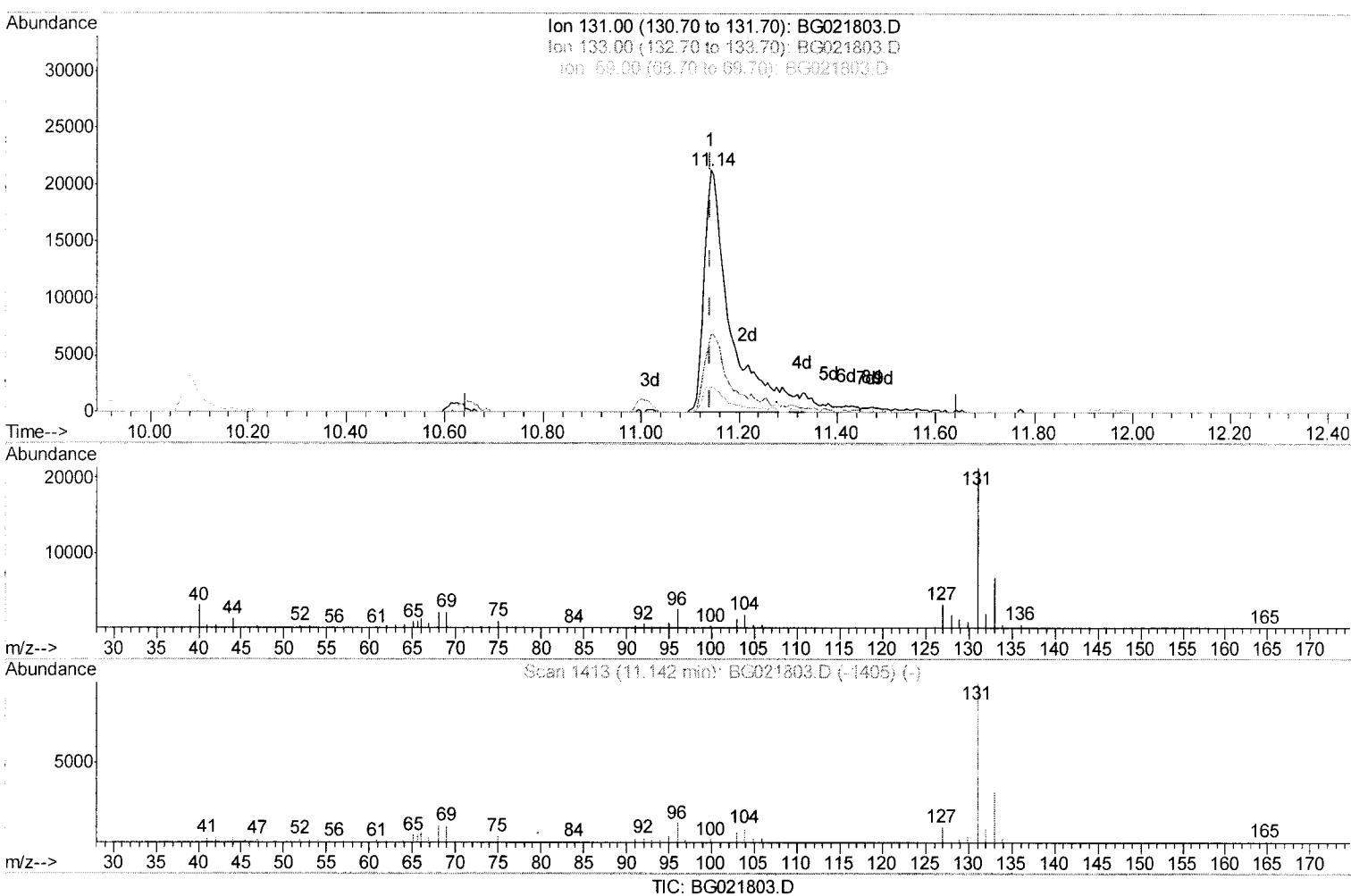
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.142min (0.000) 14.36ng/ul m

response 85169

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.95
69.00	23.00	10.50#
0.00	0.00	0.00

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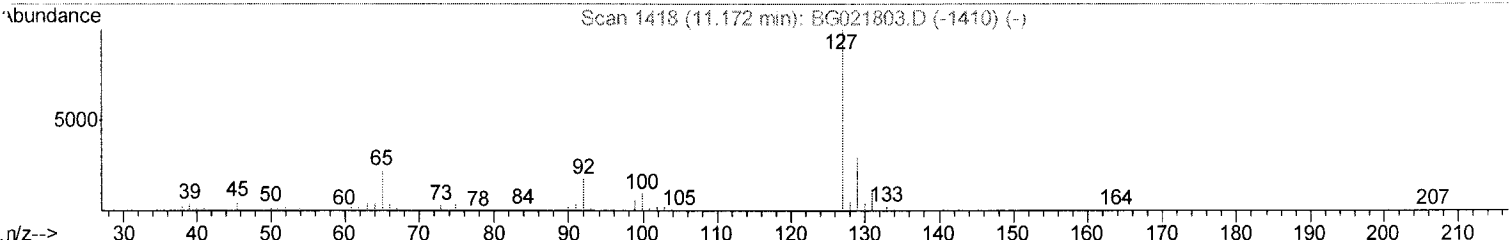
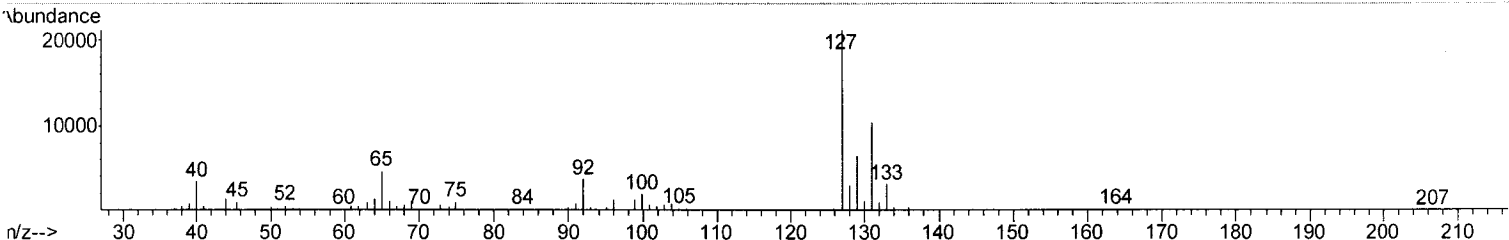
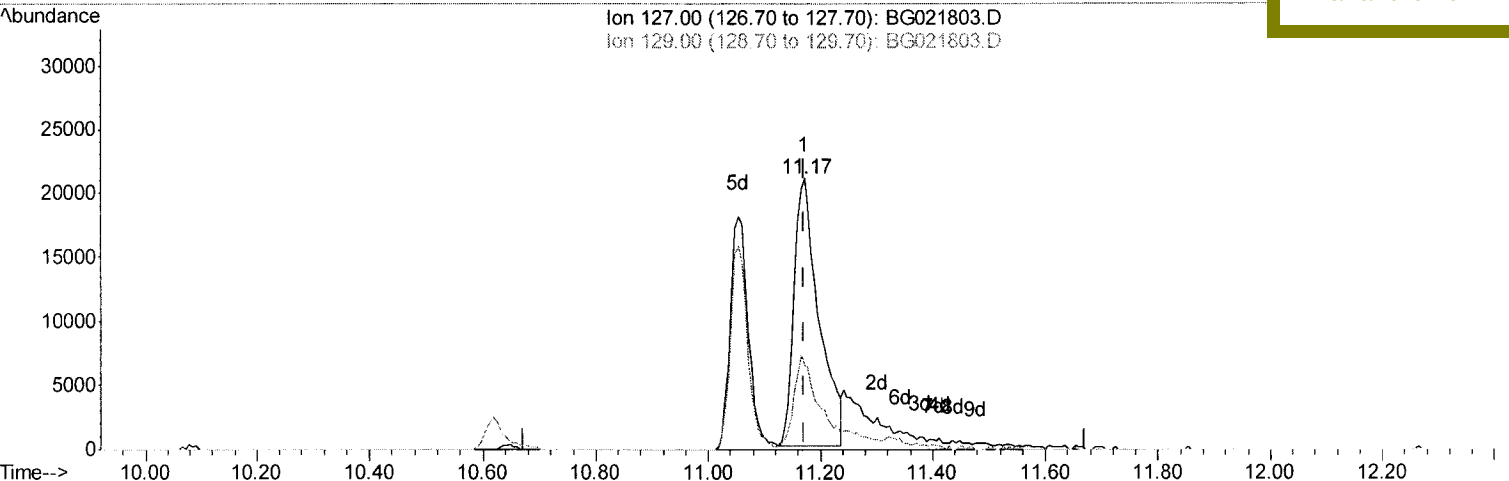
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021803.D

(30) 4-Chloroaniline

11.172min (0.000) 10.28ng/ul

response 63957

Ion	Exp%	Act%
127.00	100	100
129.00	31.00	30.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

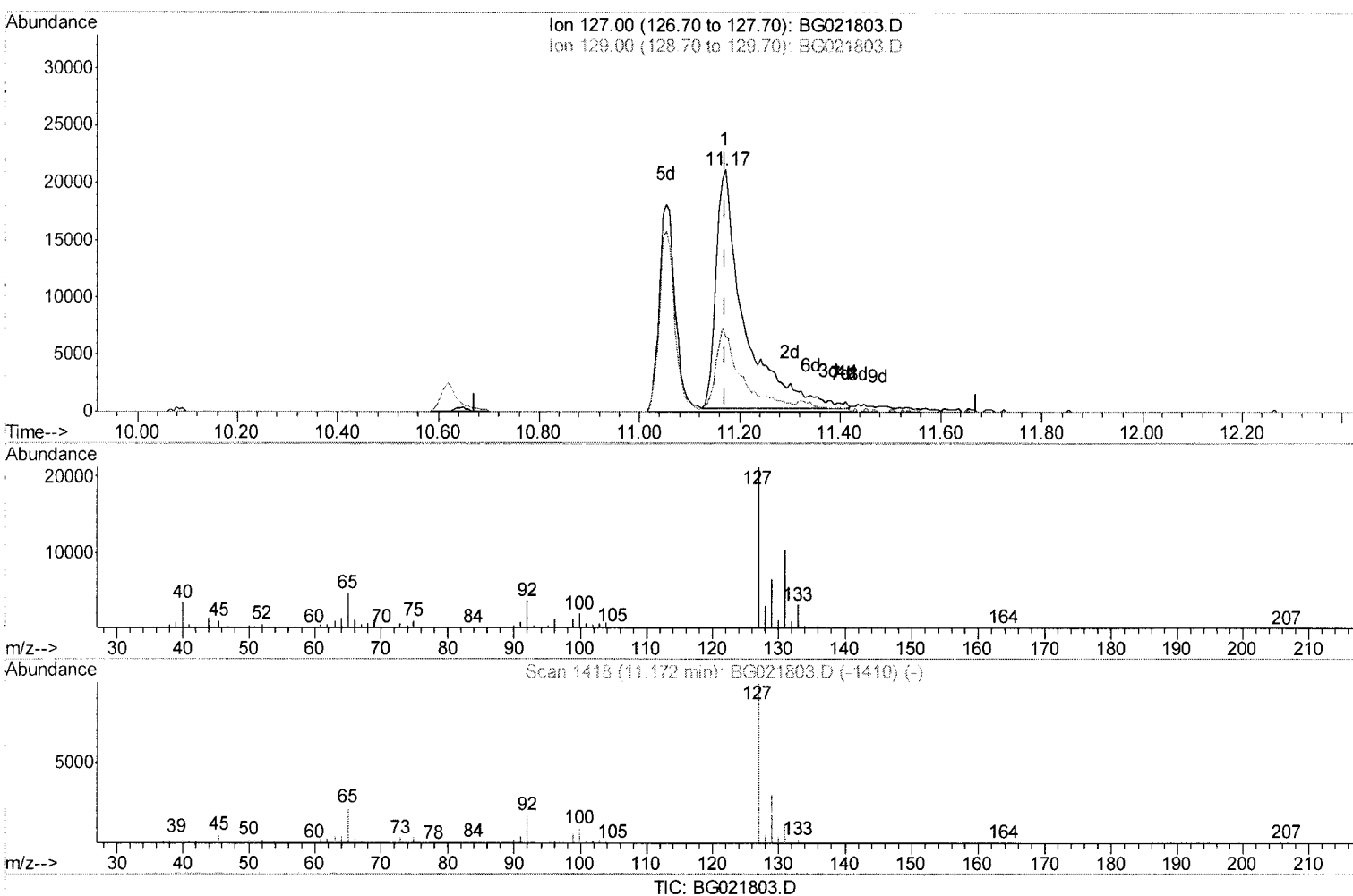
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(30) 4-Chloroaniline

11.172min (0.000) 13.12ng/ul m

response 81646

Ion	Exp%	Act%
127.00	100	100
129.00	31.00	30.93
0.00	0.00	0.00
0.00	0.00	0.00

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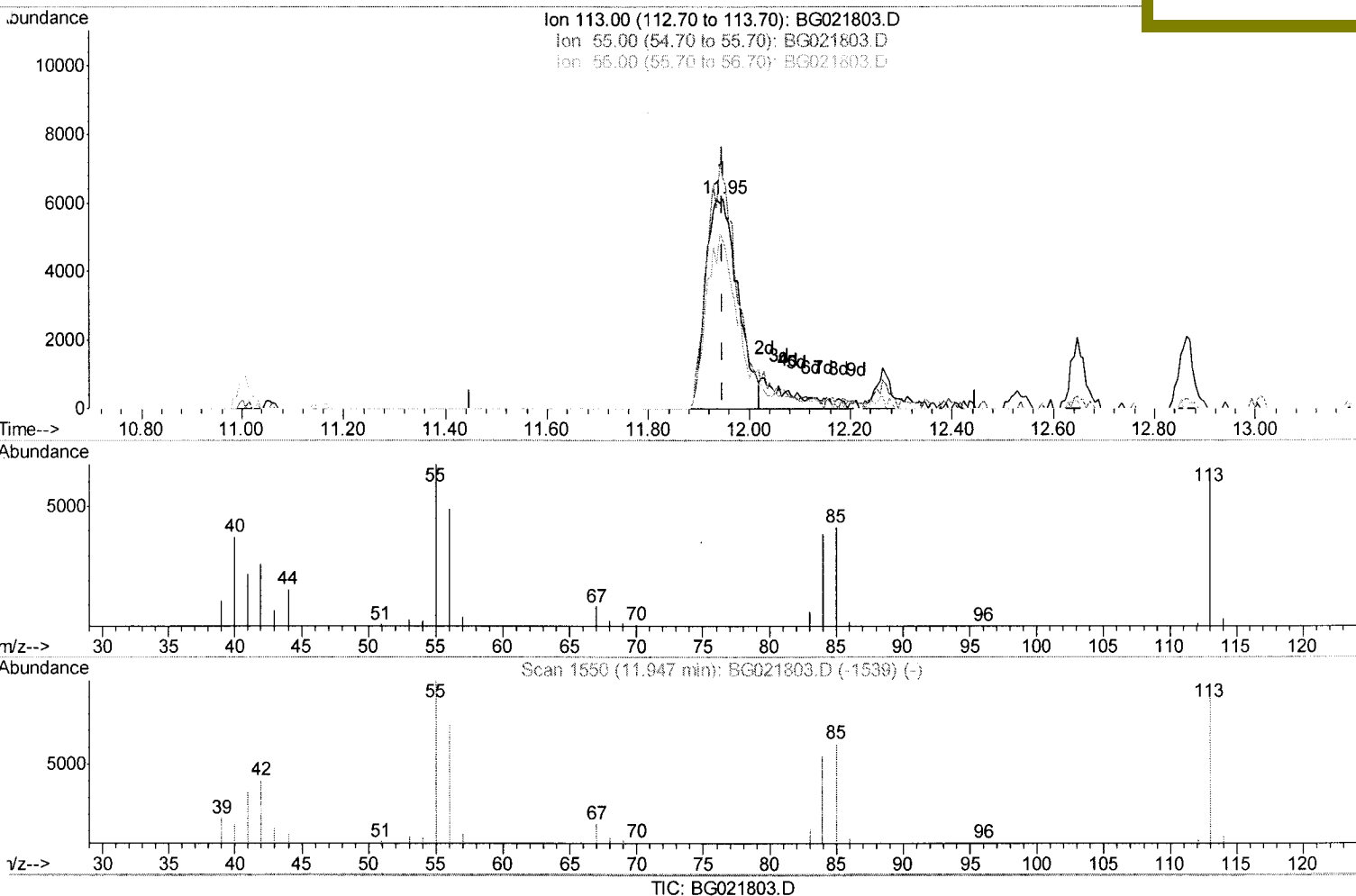
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Quant Time: May 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Manual Integrations
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(32) Caprolactam

11.947min (0.000) 15.18ng/ul

response 26844

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	109.37#
56.00	132.10	79.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

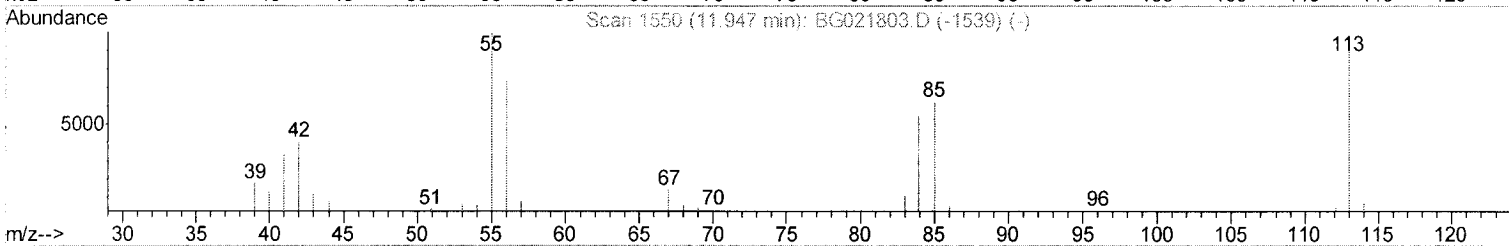
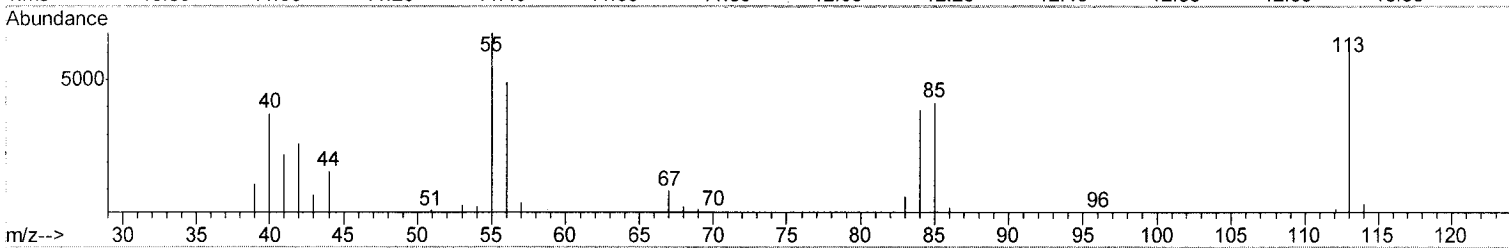
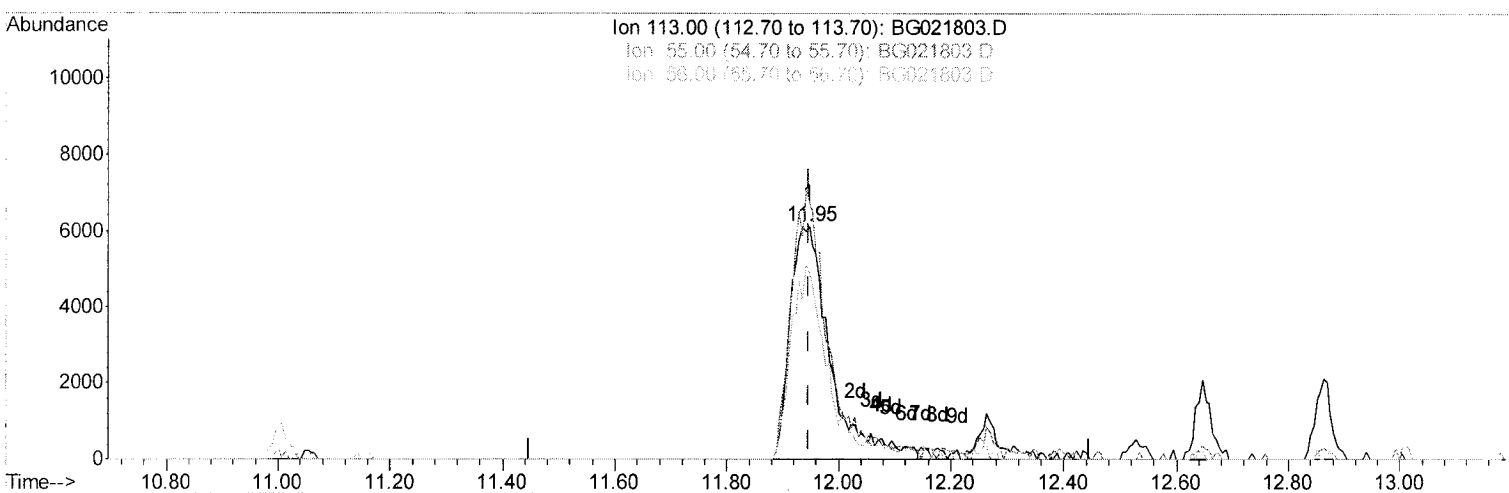
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



TIC: BG021803.D

(32) Caprolactam

11.947min (0.000) 17.10ng/ul m

response 30253

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	109.37#
56.00	132.10	79.77#
0.00	0.00	0.00

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Quantitation Report (Qedit)

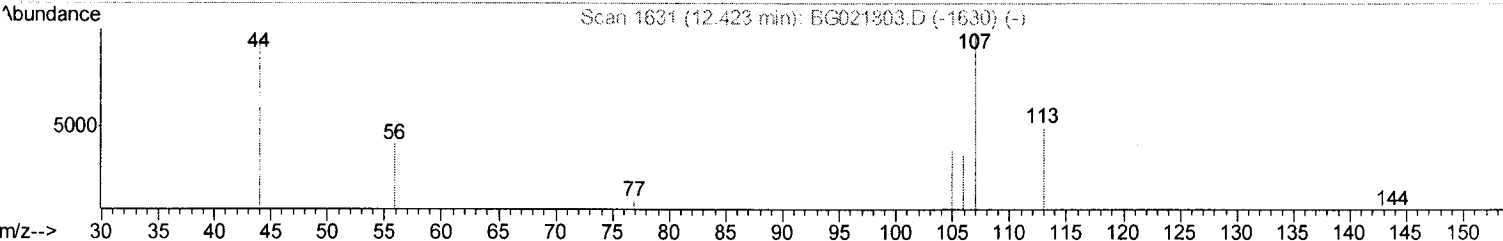
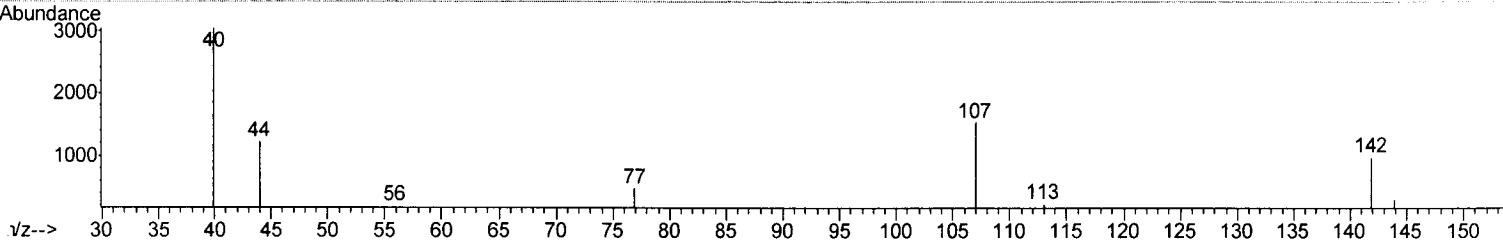
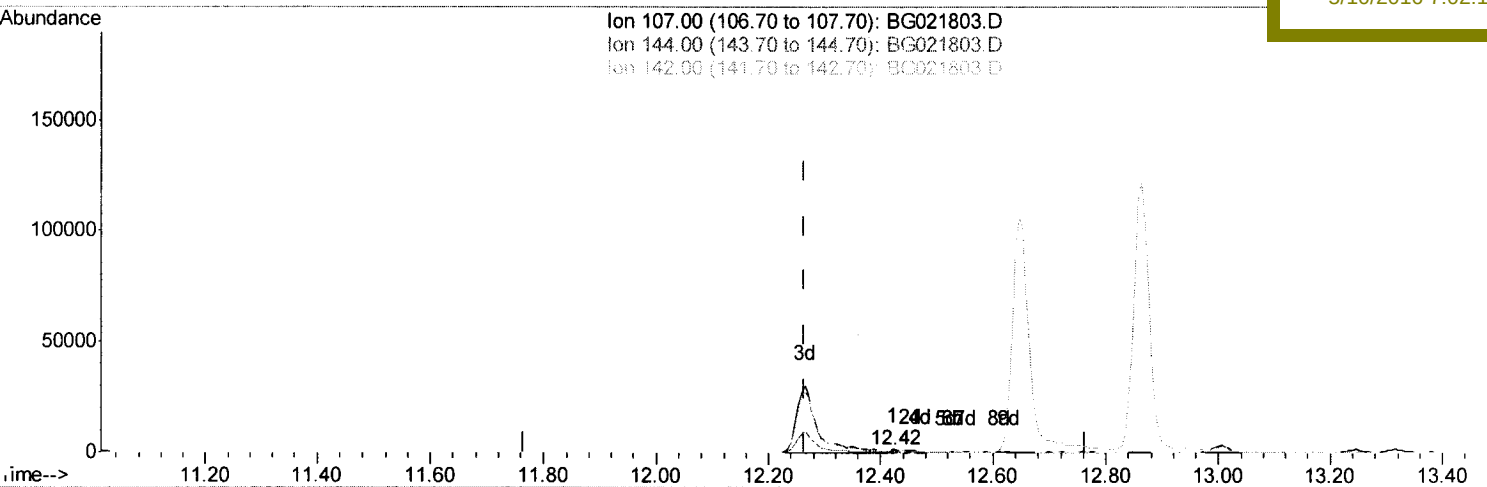
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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TIC: BG021803.D

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

12.423min (+0.159) 0.06ng/ul

response 353

Ion	Exp%	Act%
107.00	100	100
144.00	21.50	19.52
142.00	65.00	63.31
0.00	0.00	0.00

Quantitation Report (Qedit)

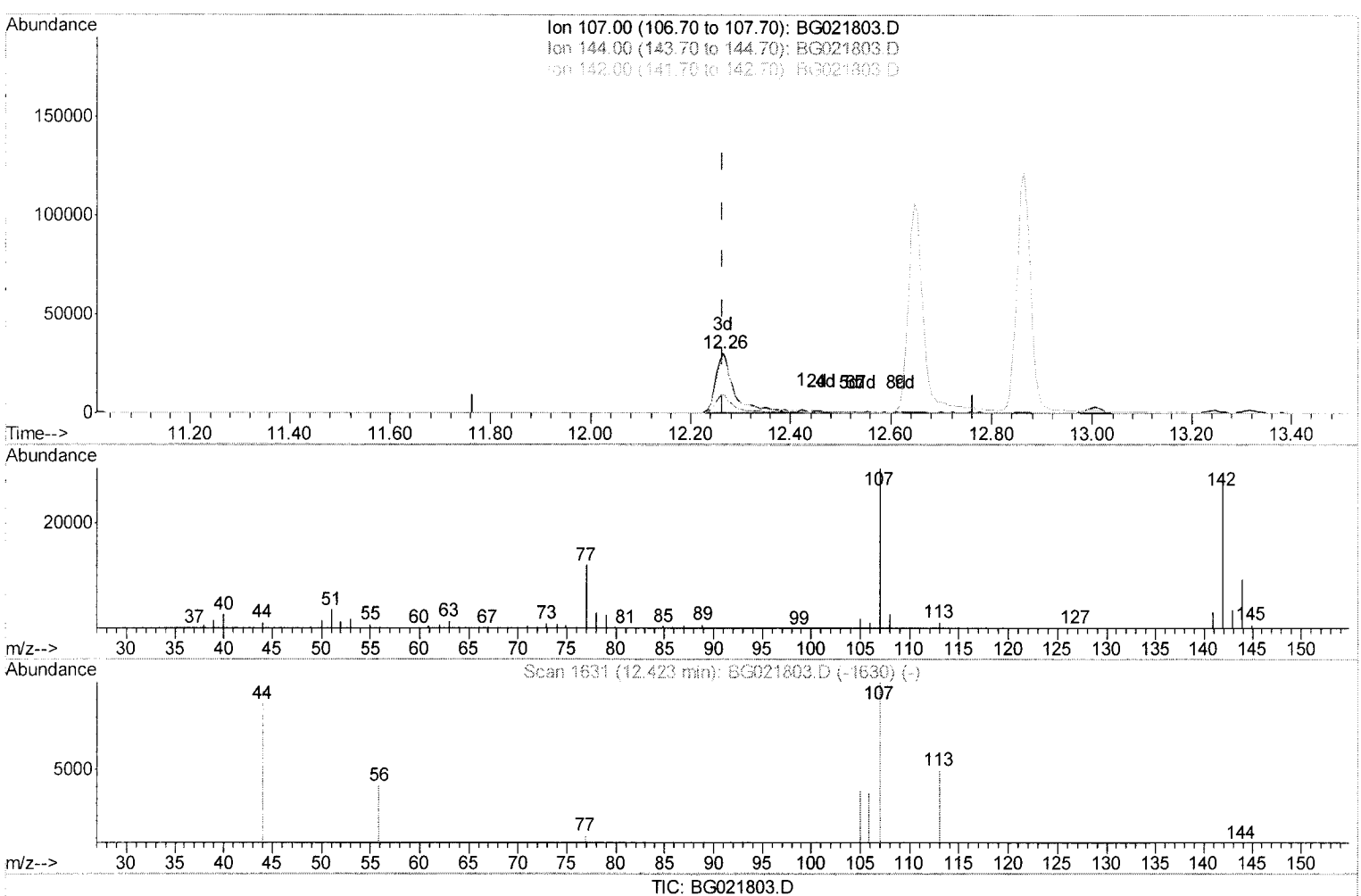
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



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

12.264min (0.000) 13.74ng/ul m

response 79042

Ion	Exp%	Act%
107.00	100	100
144.00	21.50	31.37#
142.00	65.00	91.01#
0.00	0.00	0.00

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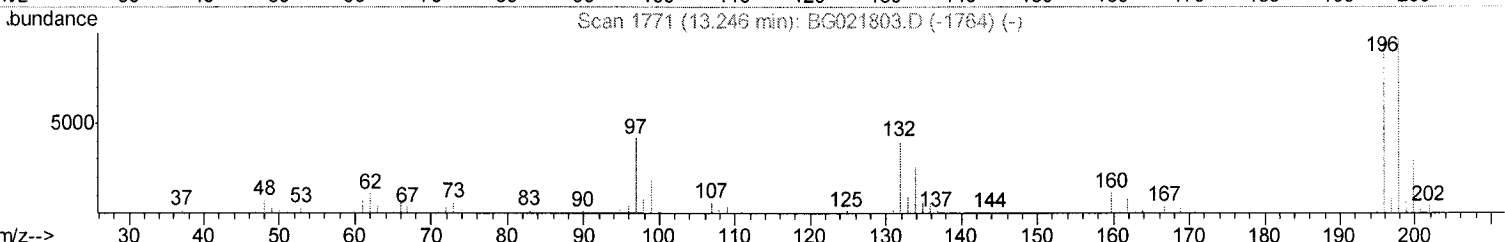
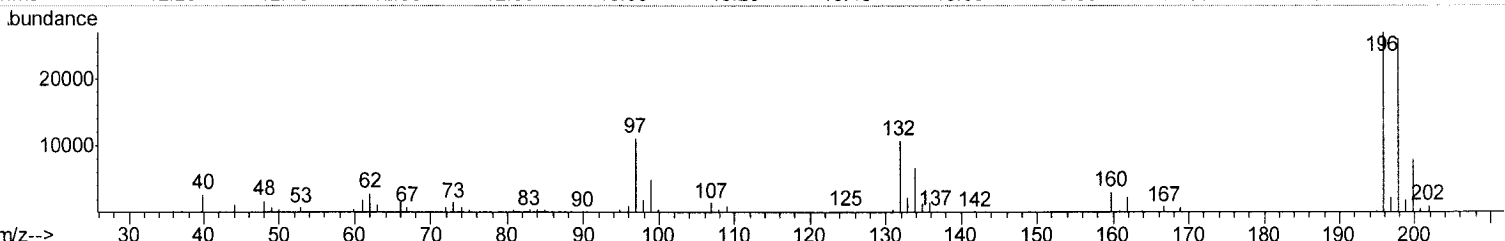
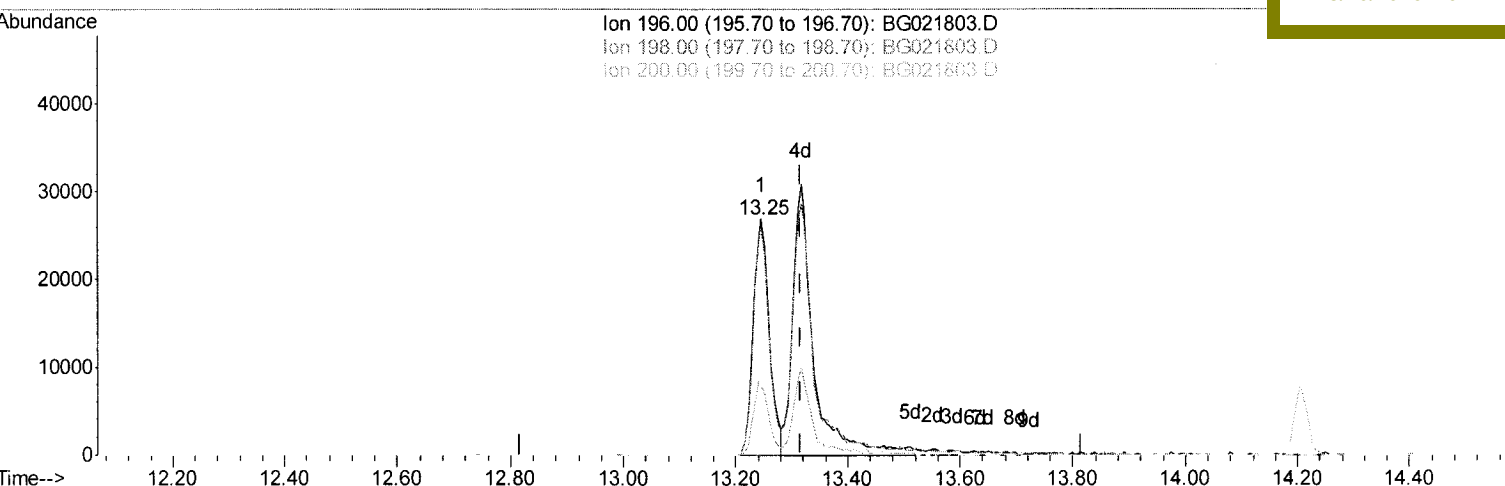
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Quant Time: May 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Manual Integrations
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TIC: BG021803.D

(40) 2,4,5-Trichlorophenol

13.246min (-0.071) 11.99ng/ul

response 53076

Ion	Exp%	Act%
196.00	100	100
198.00	90.20	96.69
200.00	27.70	29.81
0.00	0.00	0.00

Quantitation Report (Qedit)

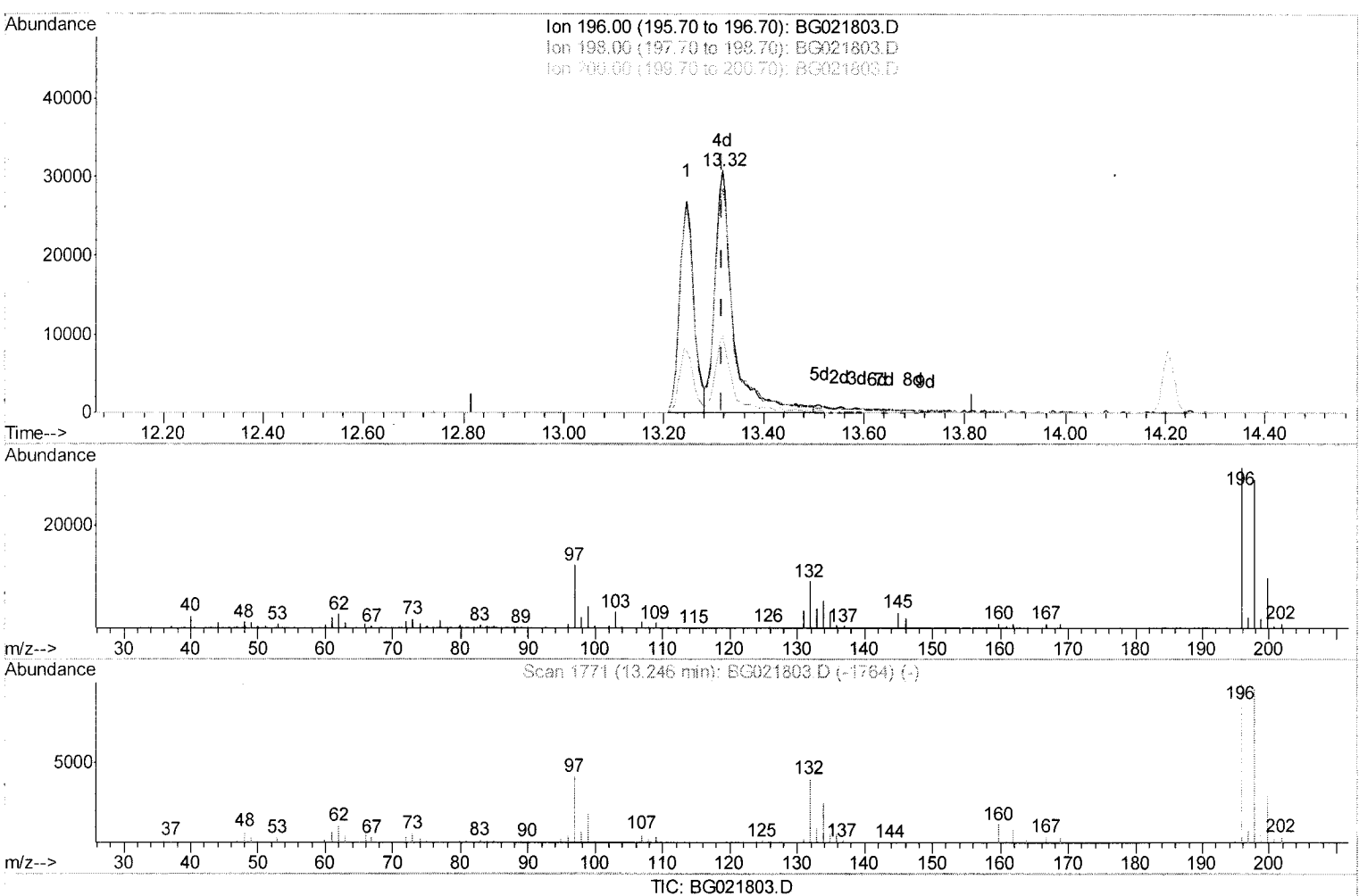
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(40) 2,4,5-Trichlorophenol

13.316min (0.000) 17.67ng/ul m

response 78198

Ion	Exp%	Act%
196.00	100	100
198.00	90.20	92.66
200.00	27.70	32.08
0.00	0.00	0.00

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Quantitation Report (Qedit)

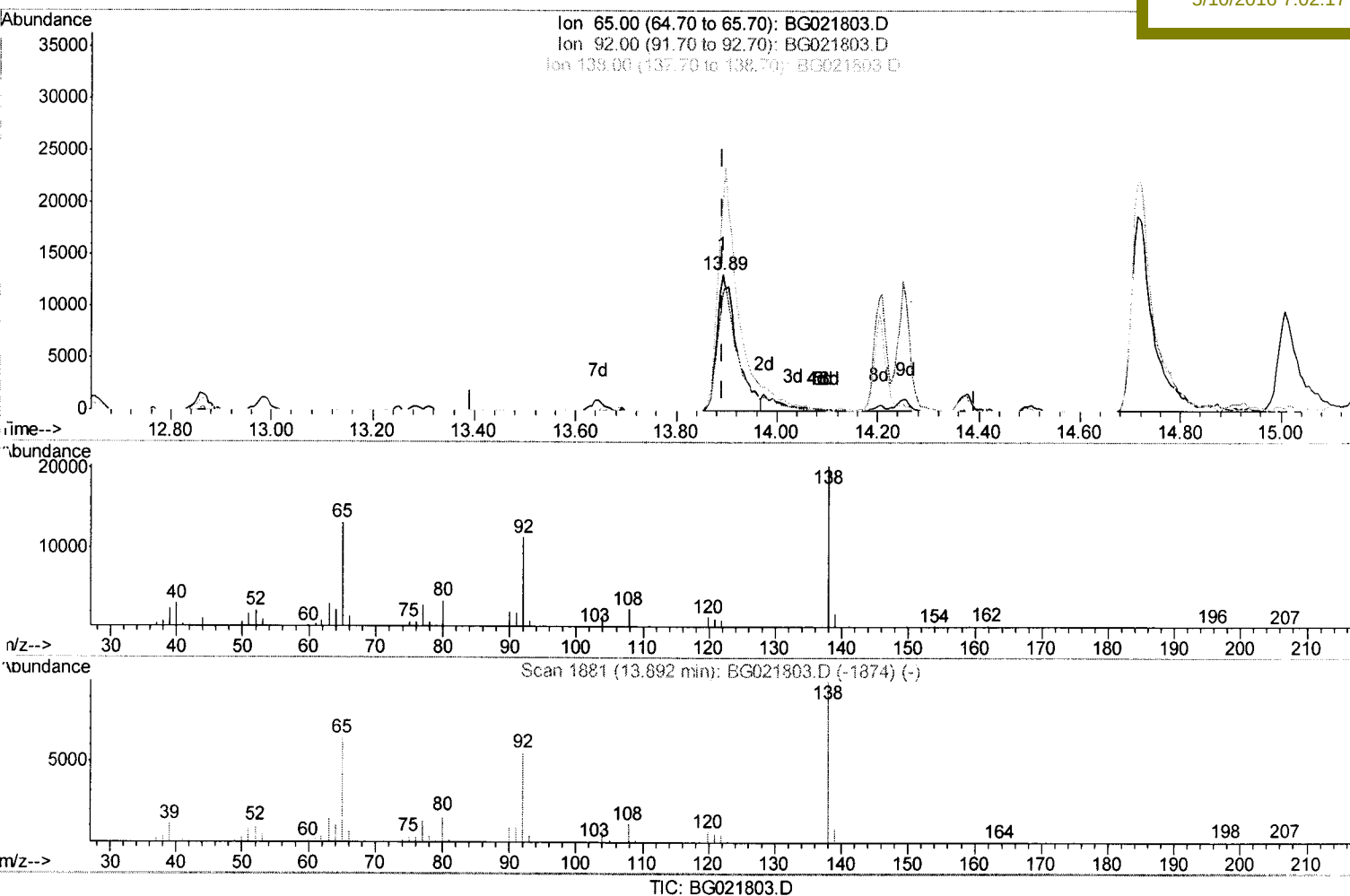
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration



(43) 2-Nitroaniline

13.892min (0.000) 8.14ng/ul

response 35804

Ion	Exp%	Act%
65.00	100	100
92.00	60.60	86.29#
138.00	74.70	154.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

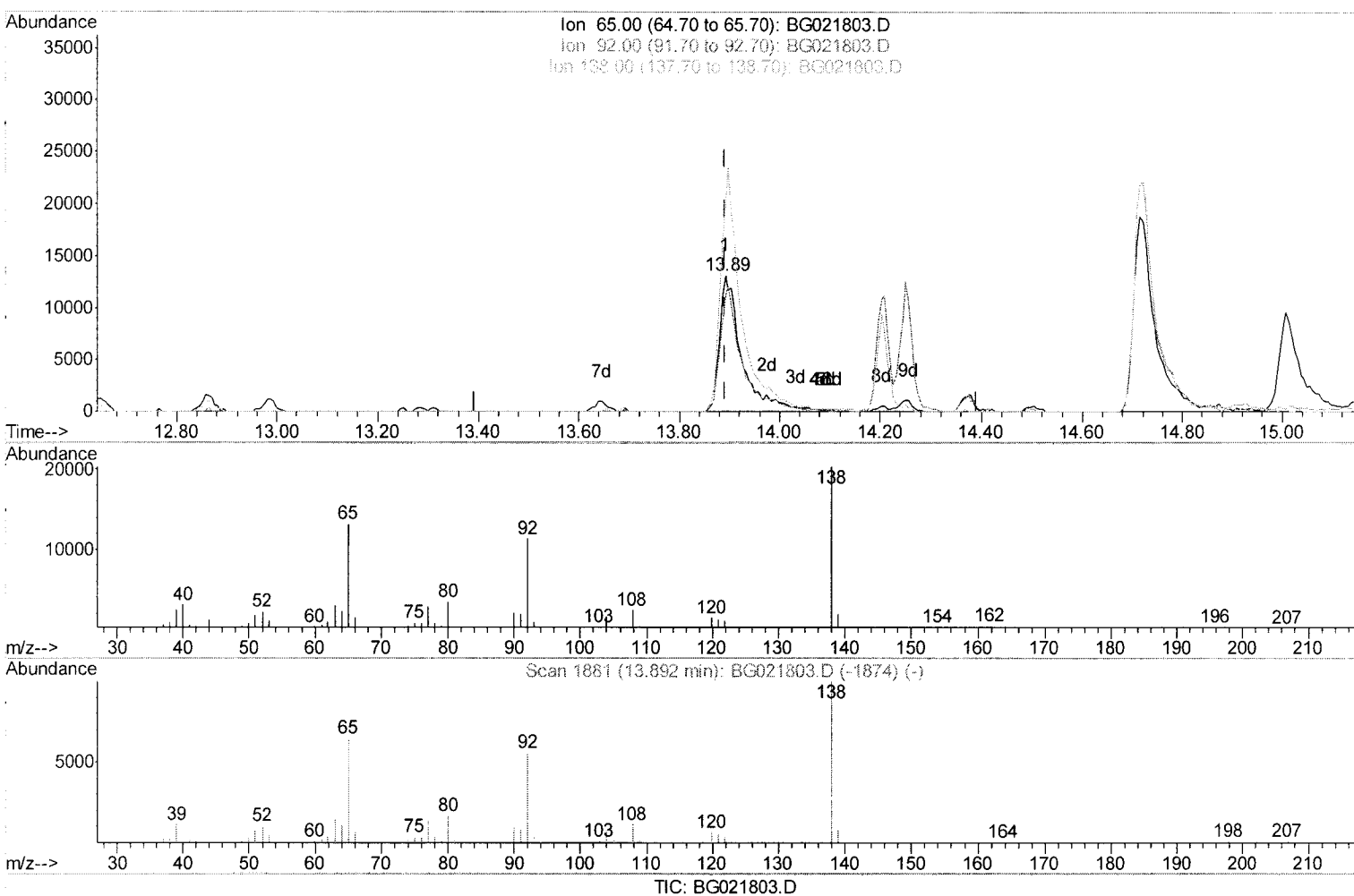
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(43) 2-Nitroaniline

13.892min (0.000) 9.06ng/ul m

response 39862

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Ion	Exp%	Act%
65.00	100	100
92.00	60.60	86.29#
138.00	74.70	154.62#
0.00	0.00	0.00

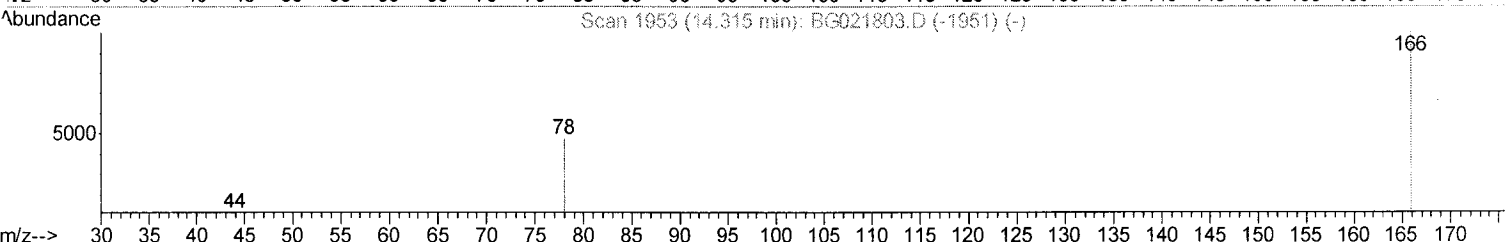
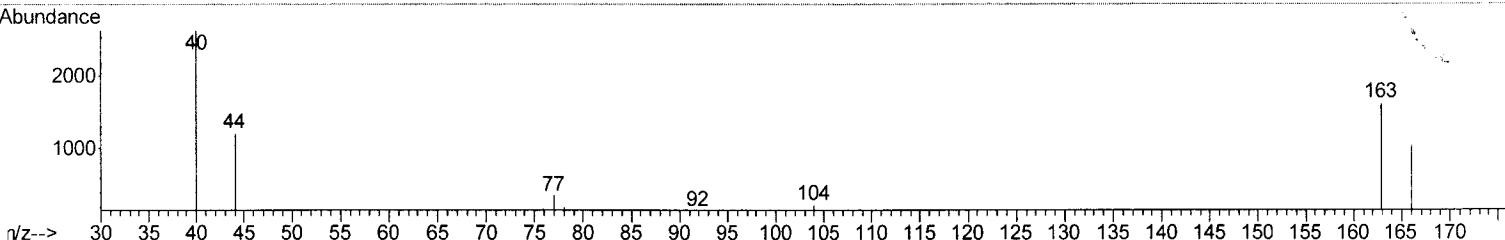
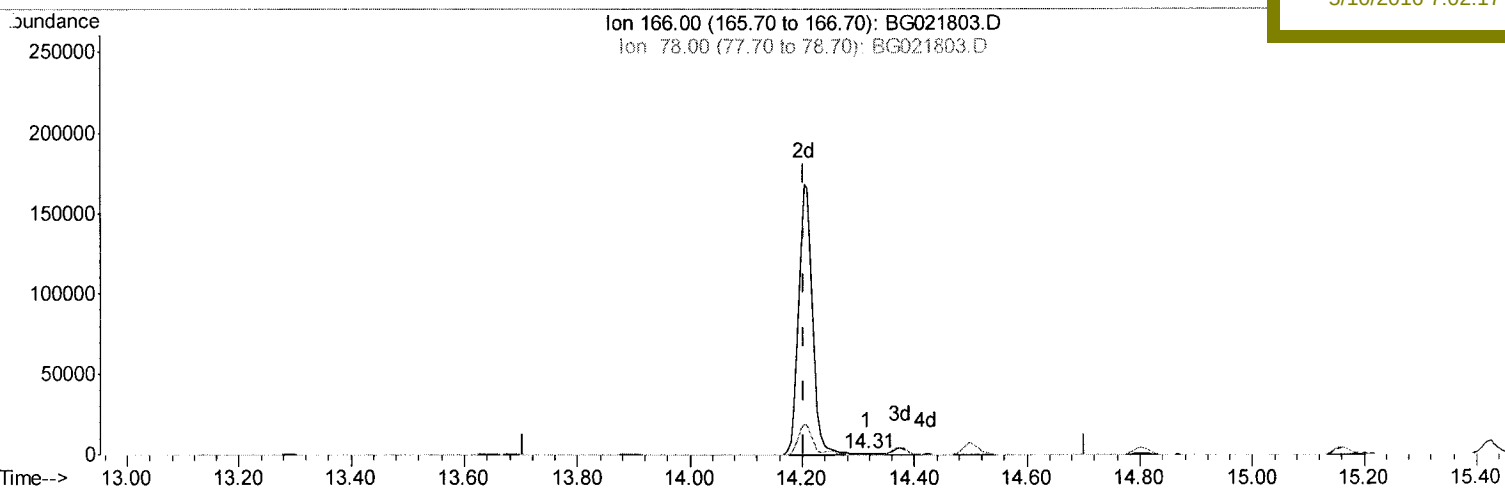
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations
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TIC: BG021803.D

(44) Dimethylphthalate-d6 (S)

14.315min (+0.112) 0.06ng/ul

response 1011

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	19.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

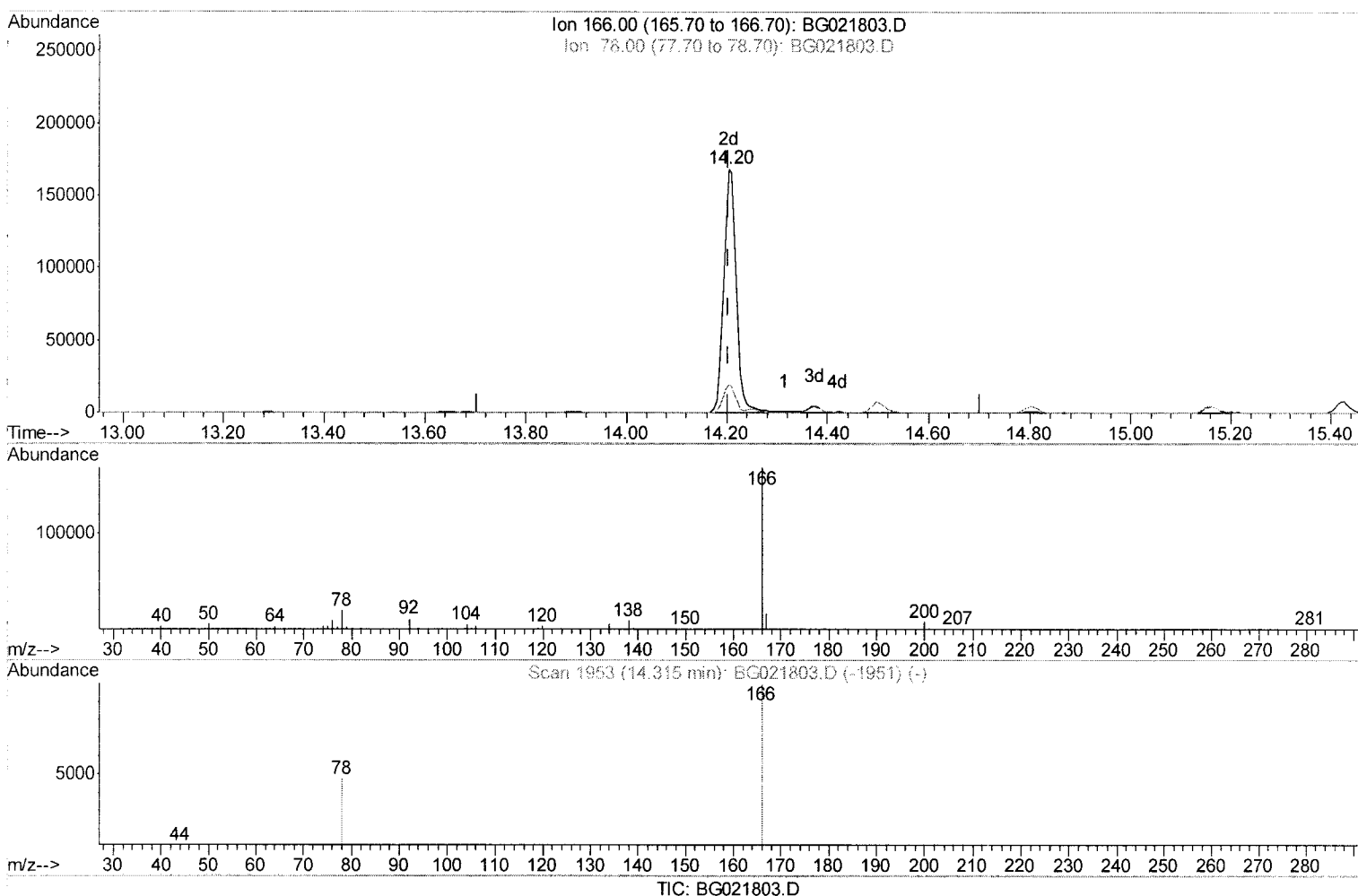
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(44) Dimethylphthalate-d6 (S)

14.203min (0.000) 17.56ng/ul m

response 288266

Ion	Exp%	Act%
166.00	100	100
78.00	22.30	11.55#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

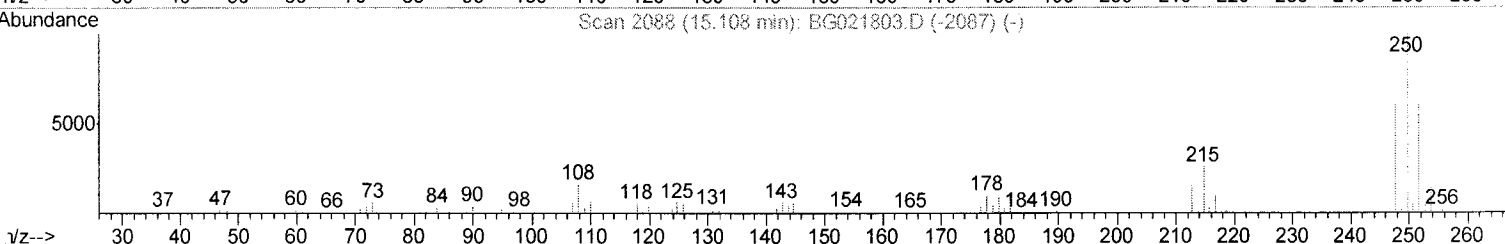
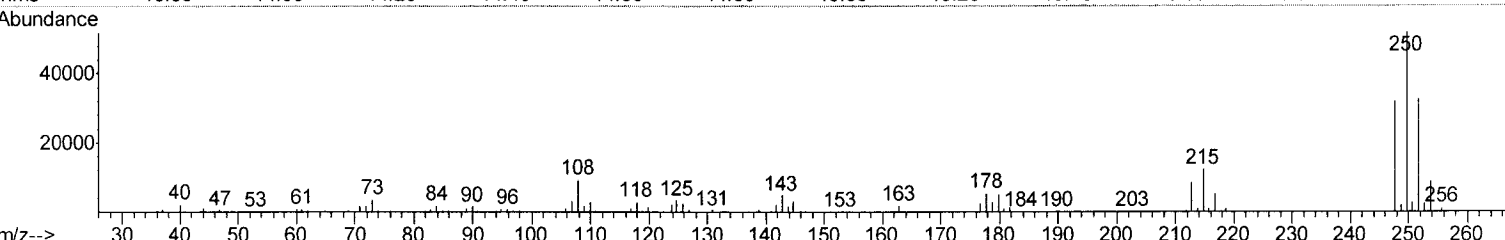
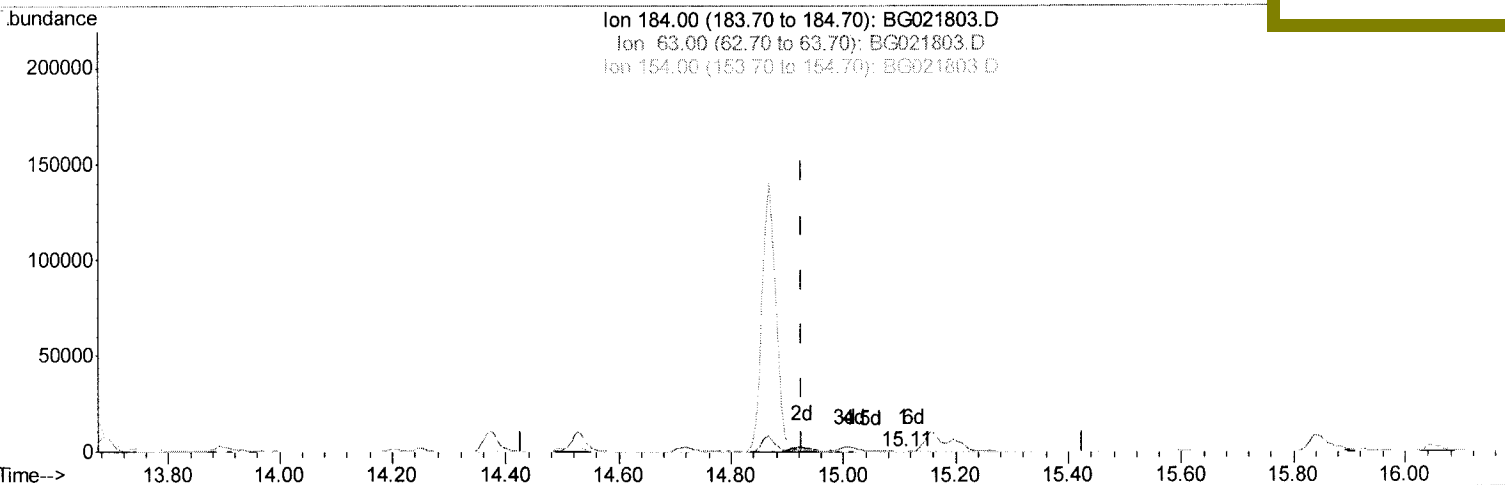
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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TIC: BG021803.D

(51) 2,4-Dinitrophenol

15.108min (+0.182) 0.14ng/ul

response 250

Ion	Exp%	Act%
184.00	100	100
63.00	94.60	79.92
154.00	74.30	78.79
0.00	0.00	0.00

Quantitation Report (Qedit)

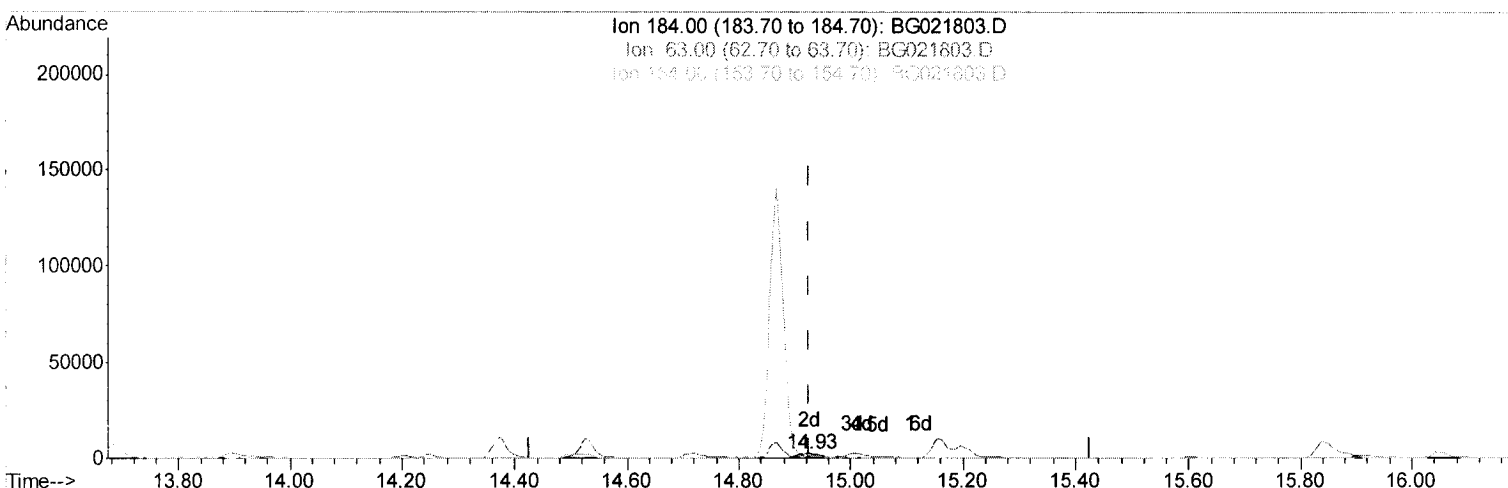
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

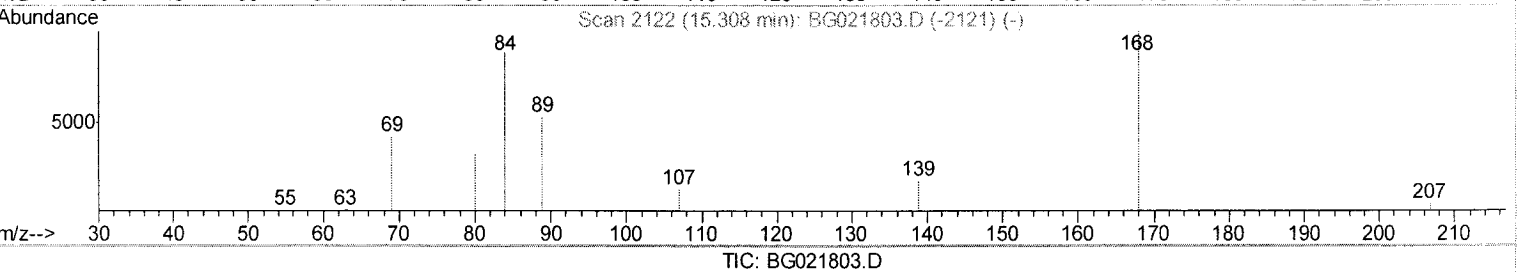
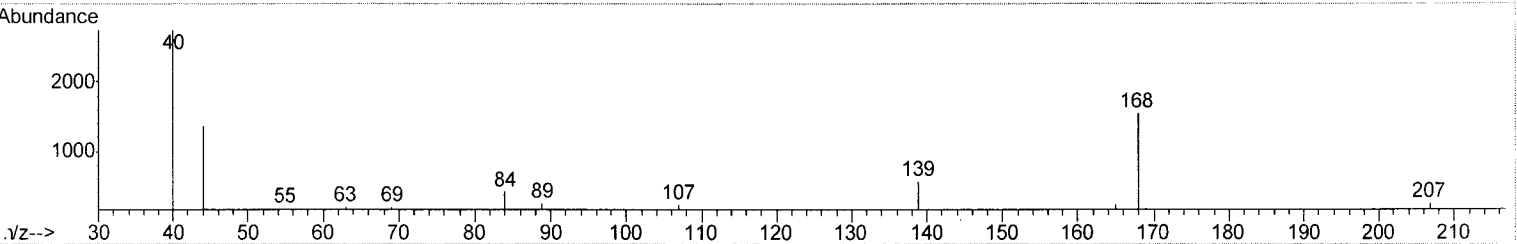
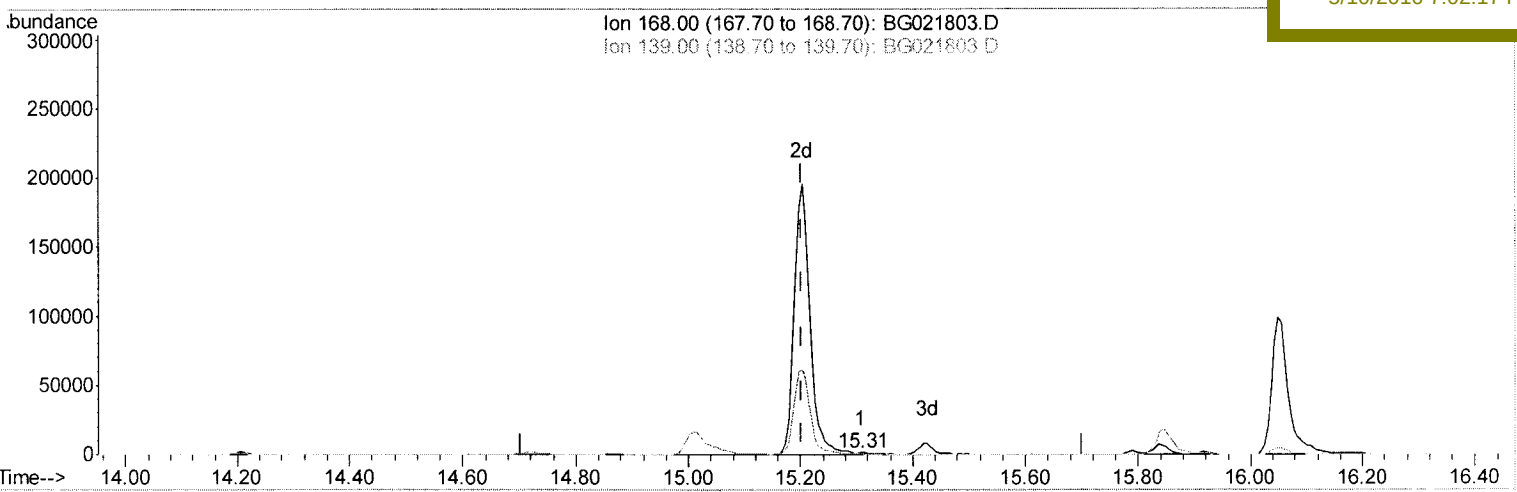
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(54) Dibenzofuran

15.308min (+0.106) 0.08ng/ul

response 1599

Ion	Exp%	Act%
168.00	100	100
139.00	44.00	36.44
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

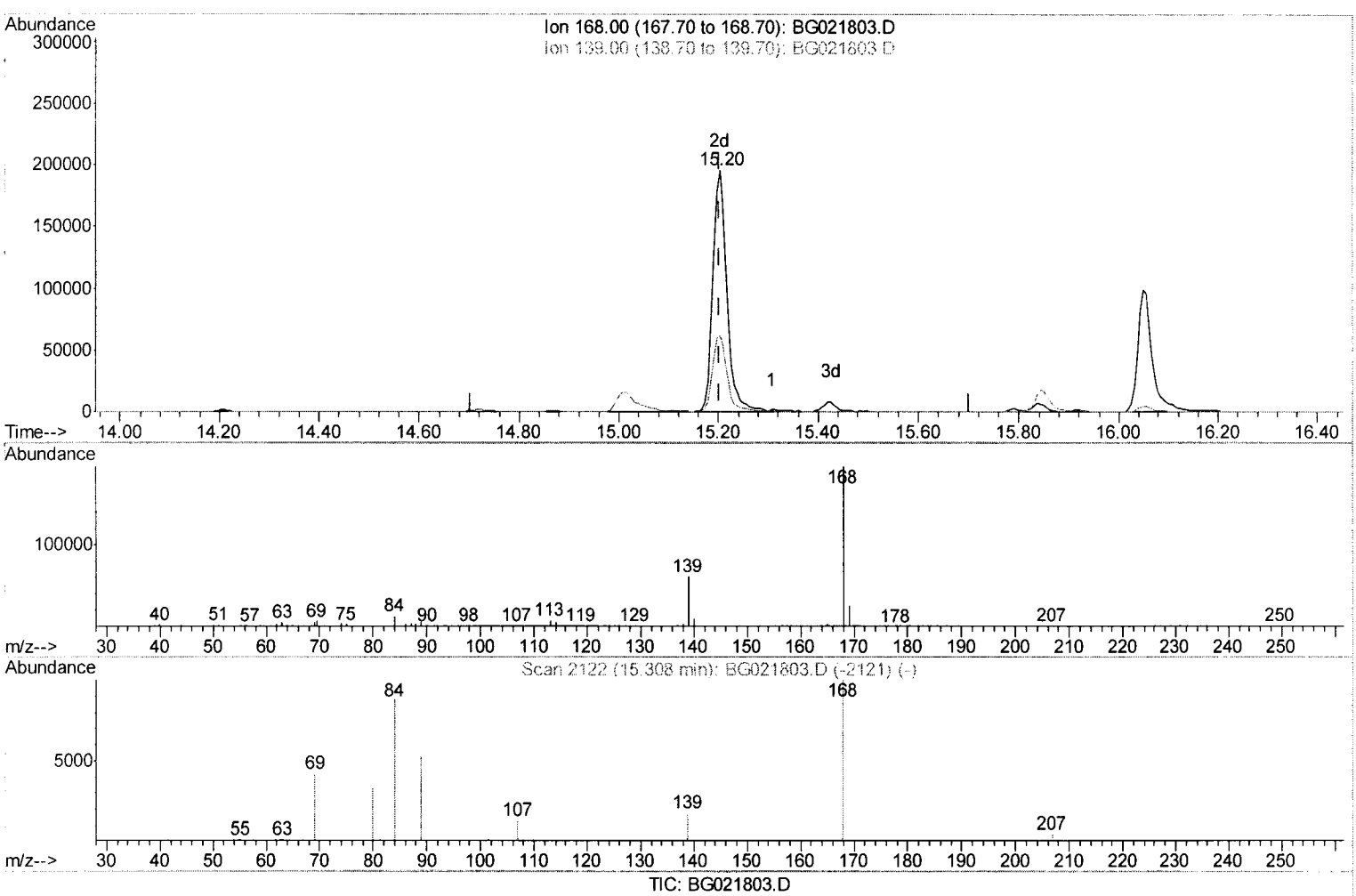
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(54) Dibenzofuran

15.202min (0.000) 19.57ng/ul m

response 379087

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Ion	Exp%	Act%
168.00	100	100
139.00	44.00	31.51#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

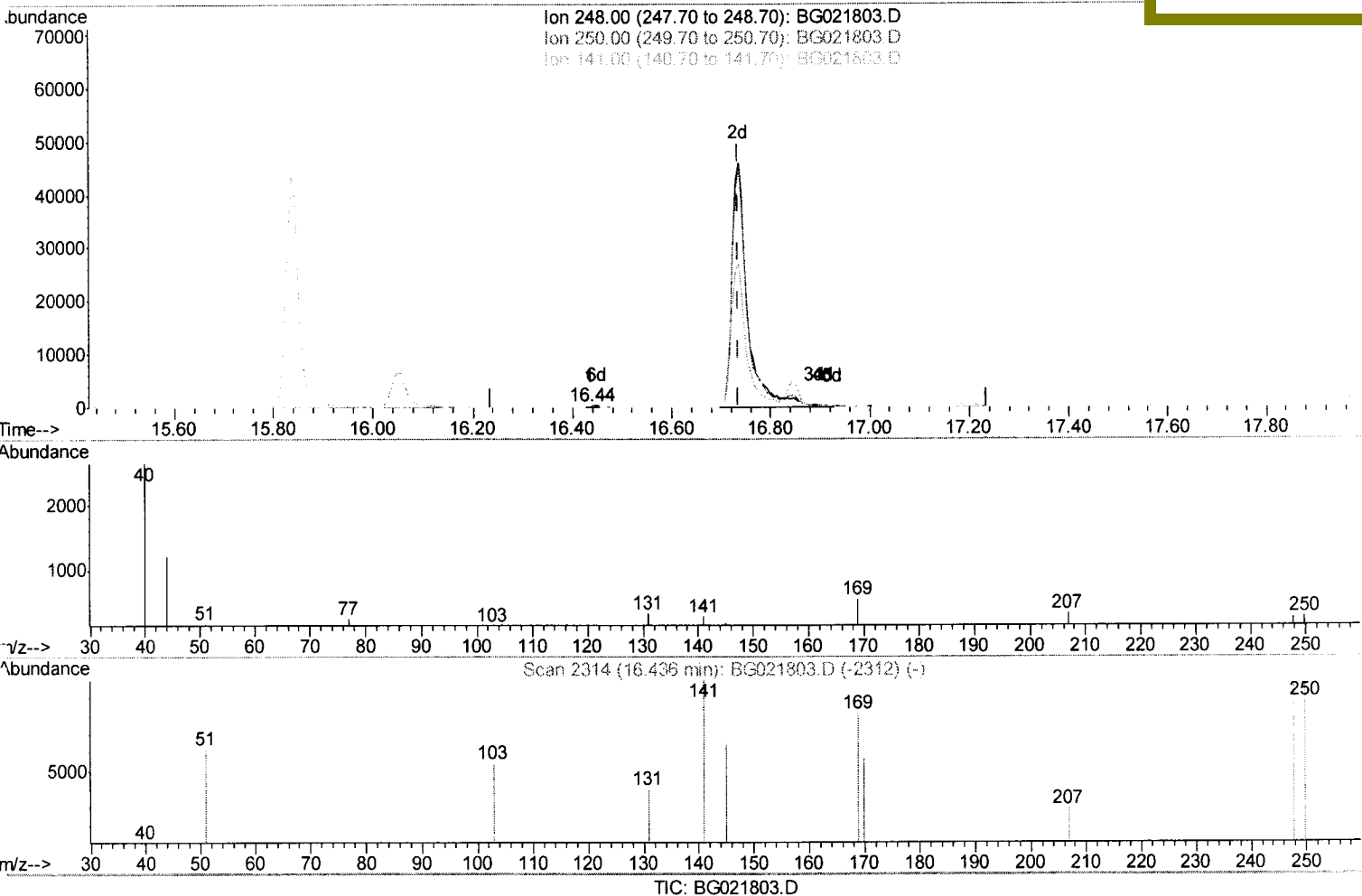
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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(66) 4-Bromophenyl-phenylether

16.436min (-0.300) 0.05ng/ul

response 287

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	101.06
141.00	95.70	102.83
0.00	0.00	0.00

Quantitation Report (Qedit)

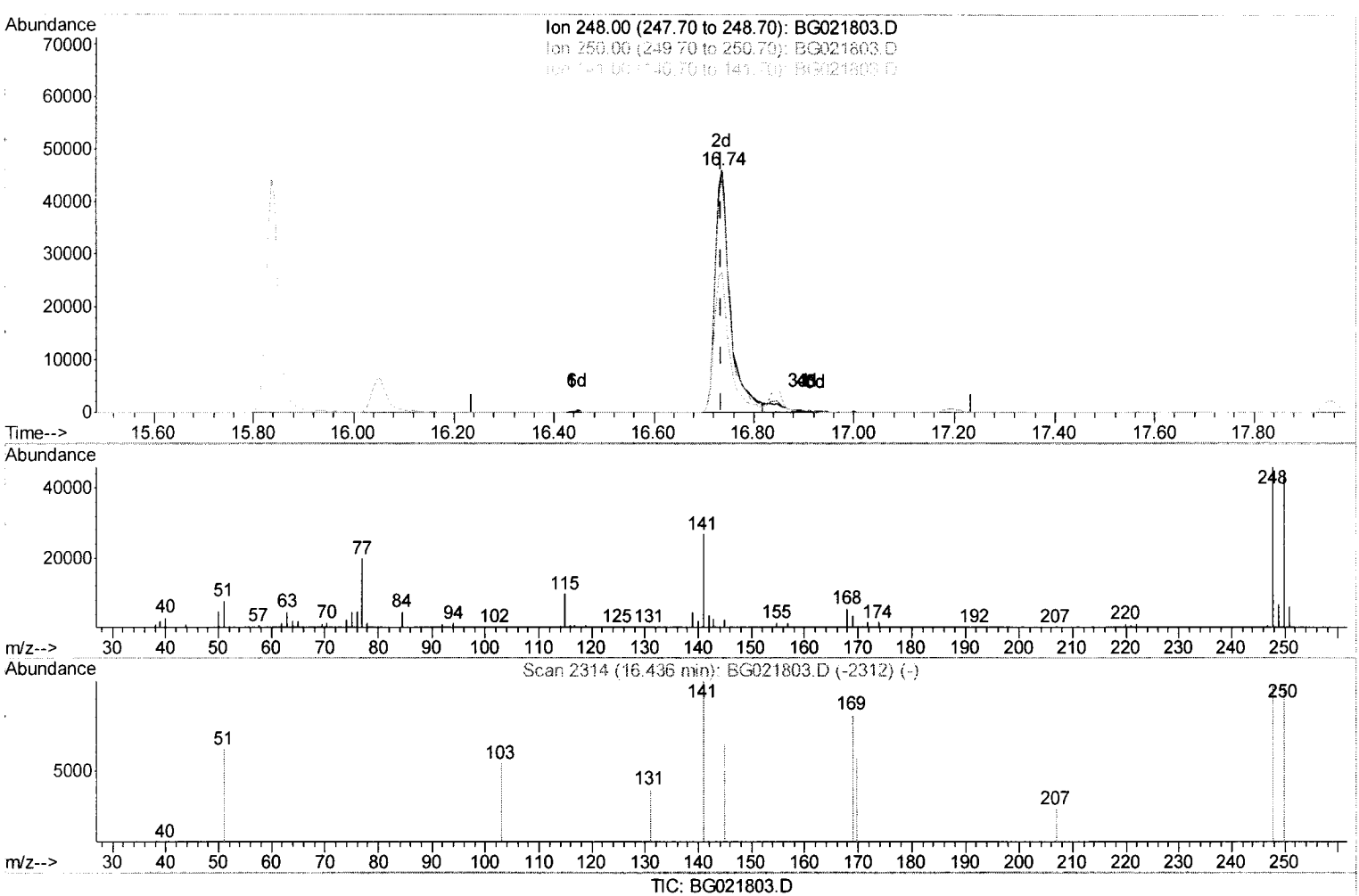
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



(66) 4-Bromophenyl-phenylether

16.736min (0.000) 17.65ng/ul m

response 96400

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	97.84
141.00	95.70	58.07#
0.00	0.00	0.00

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Quantitation Report (Qedit)

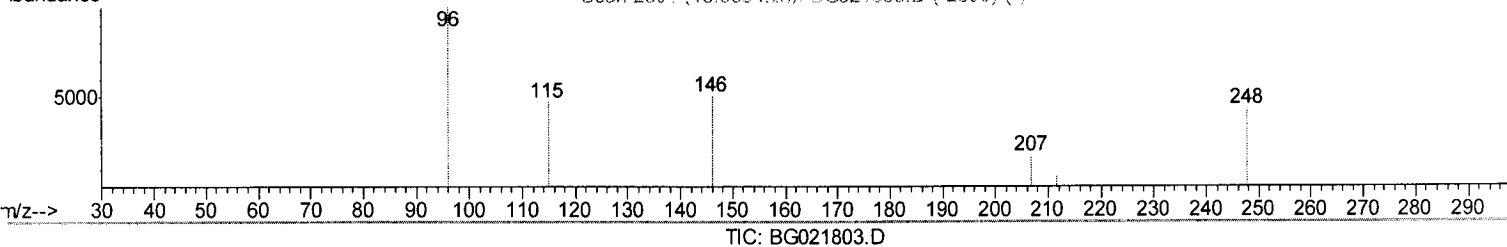
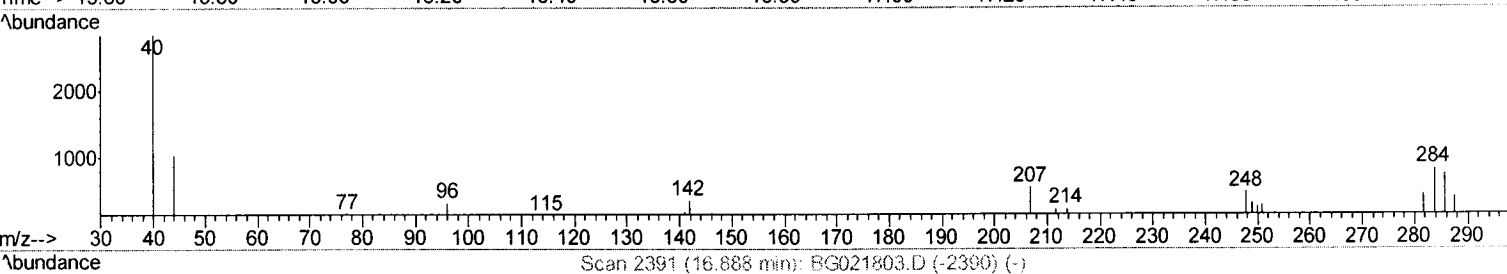
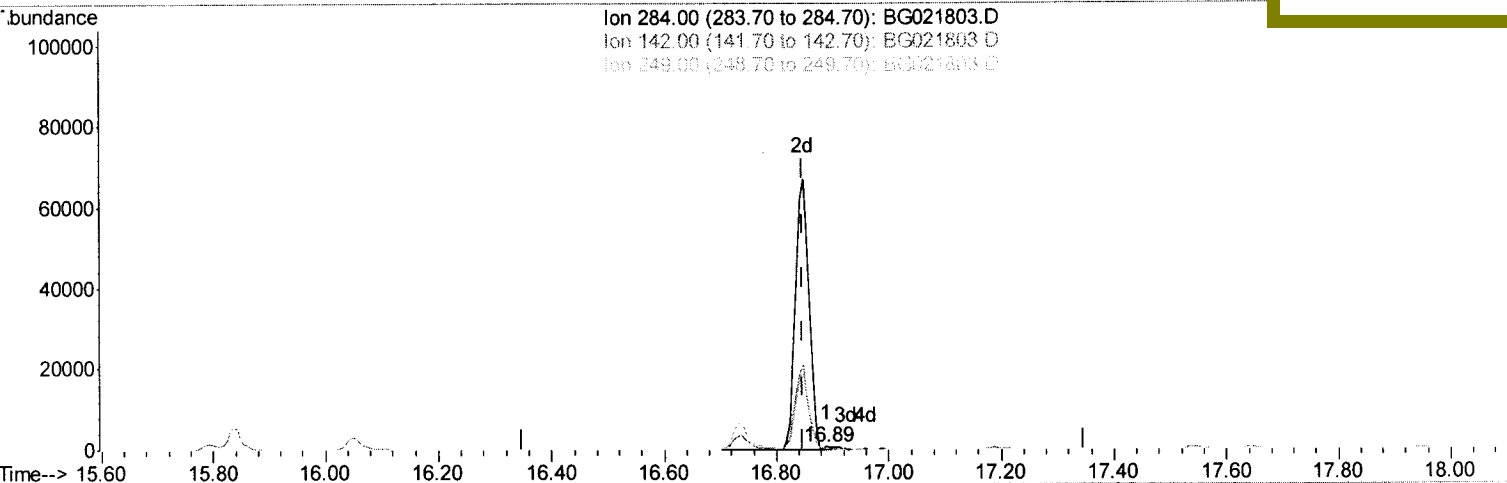
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Manual Integrations
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(67) Hexachlorobenzene

16.888min (+0.041) 0.20ng/ul

response 1169

Ion	Exp%	Act%
284.00	100	100
142.00	42.20	44.46
249.00	36.10	38.49
0.00	0.00	0.00

Quantitation Report (Qedit)

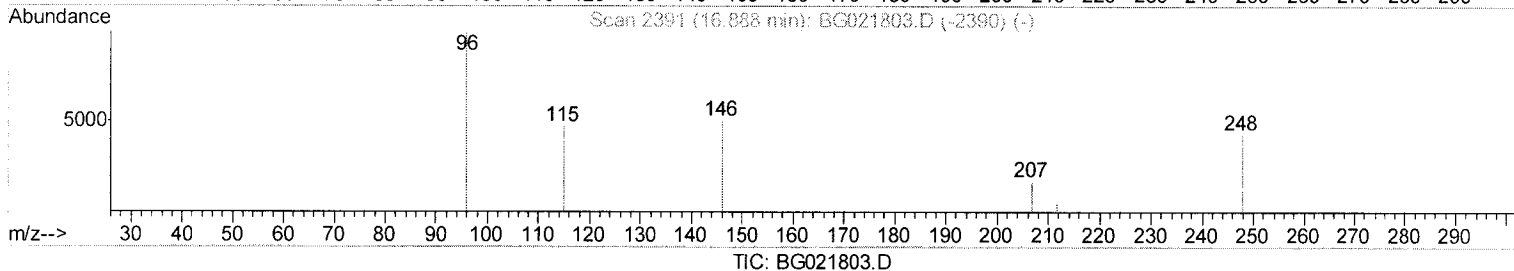
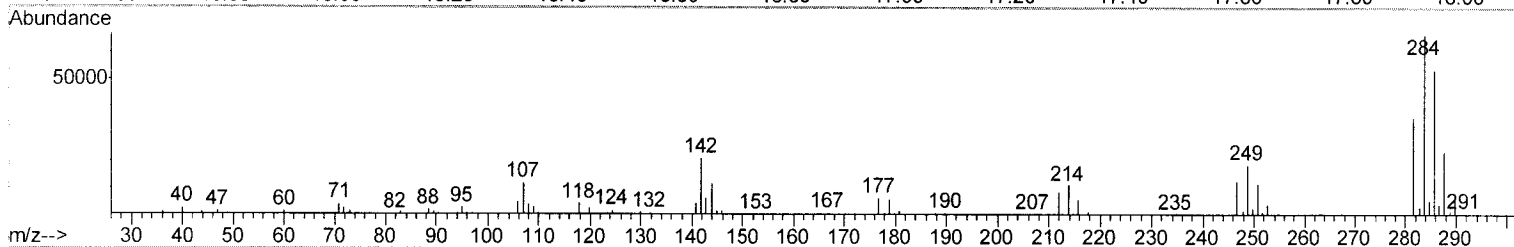
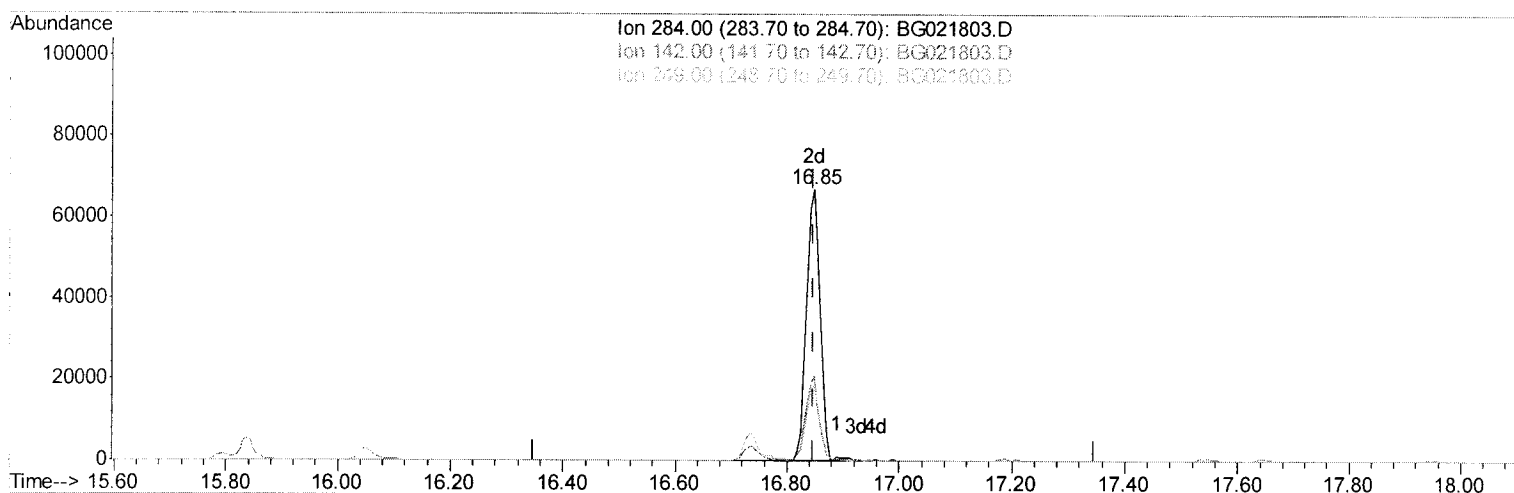
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02009

Manual Integrations
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Quant Time: May 09 12:52:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration



TIC: BG021803.D

(67) Hexachlorobenzene

16.847min (0.000) 19.31ng/ul m

response 111235

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Ion	Exp%	Act%
284.00	100	100
142.00	42.20	31.15#
249.00	36.10	27.85#
0.00	0.00	0.00

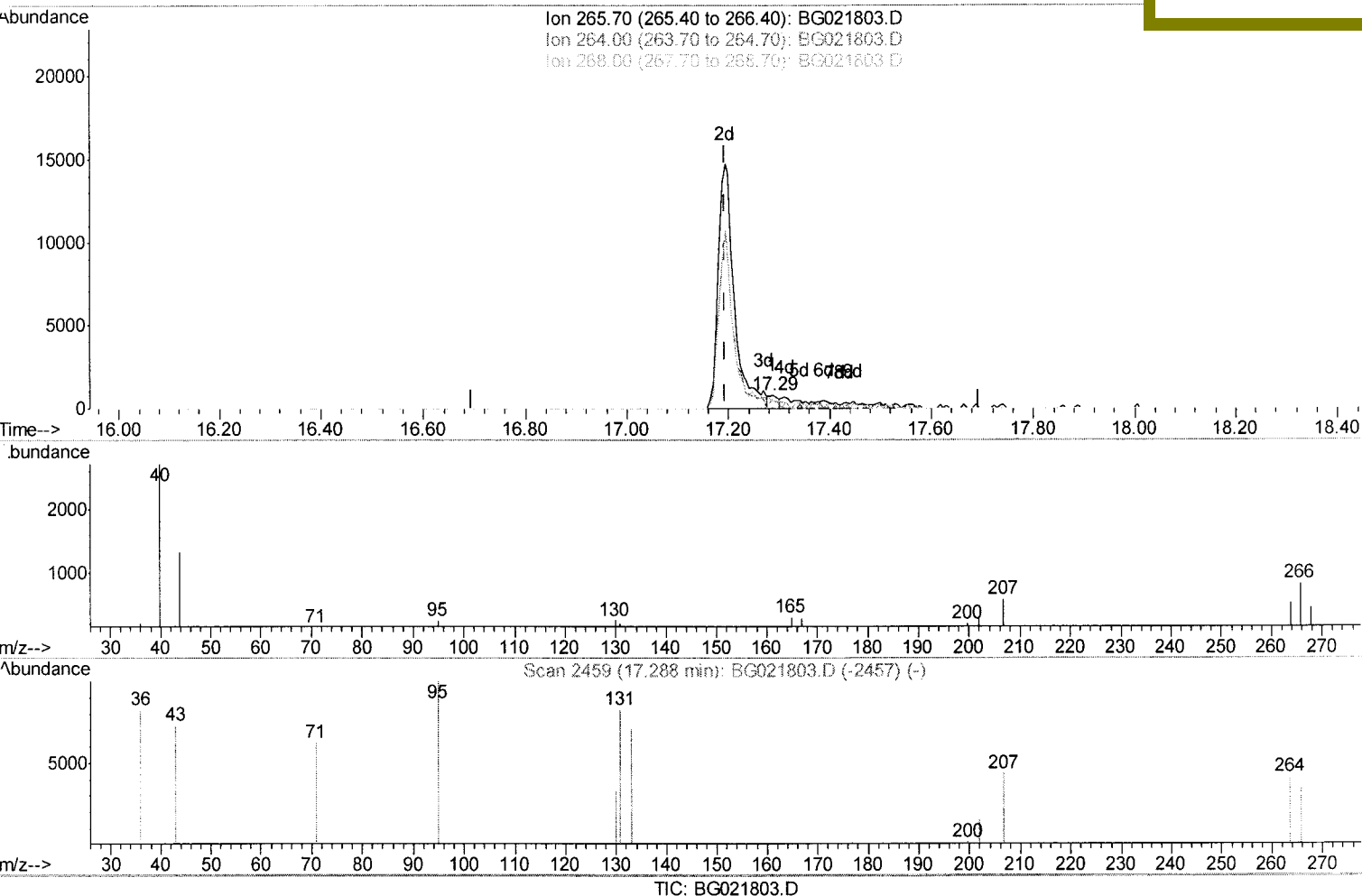
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SST02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Quant Time: May 09 12:52:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
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(69) Pentachlorophenol (C)

17.288min (+0.094) 0.63ng/ul

response 962

Ion	Exp%	Act%
265.70	100	100
264.00	70.90	63.60
268.00	63.30	55.99
0.00	0.00	0.00

Quantitation Report (Qedit)

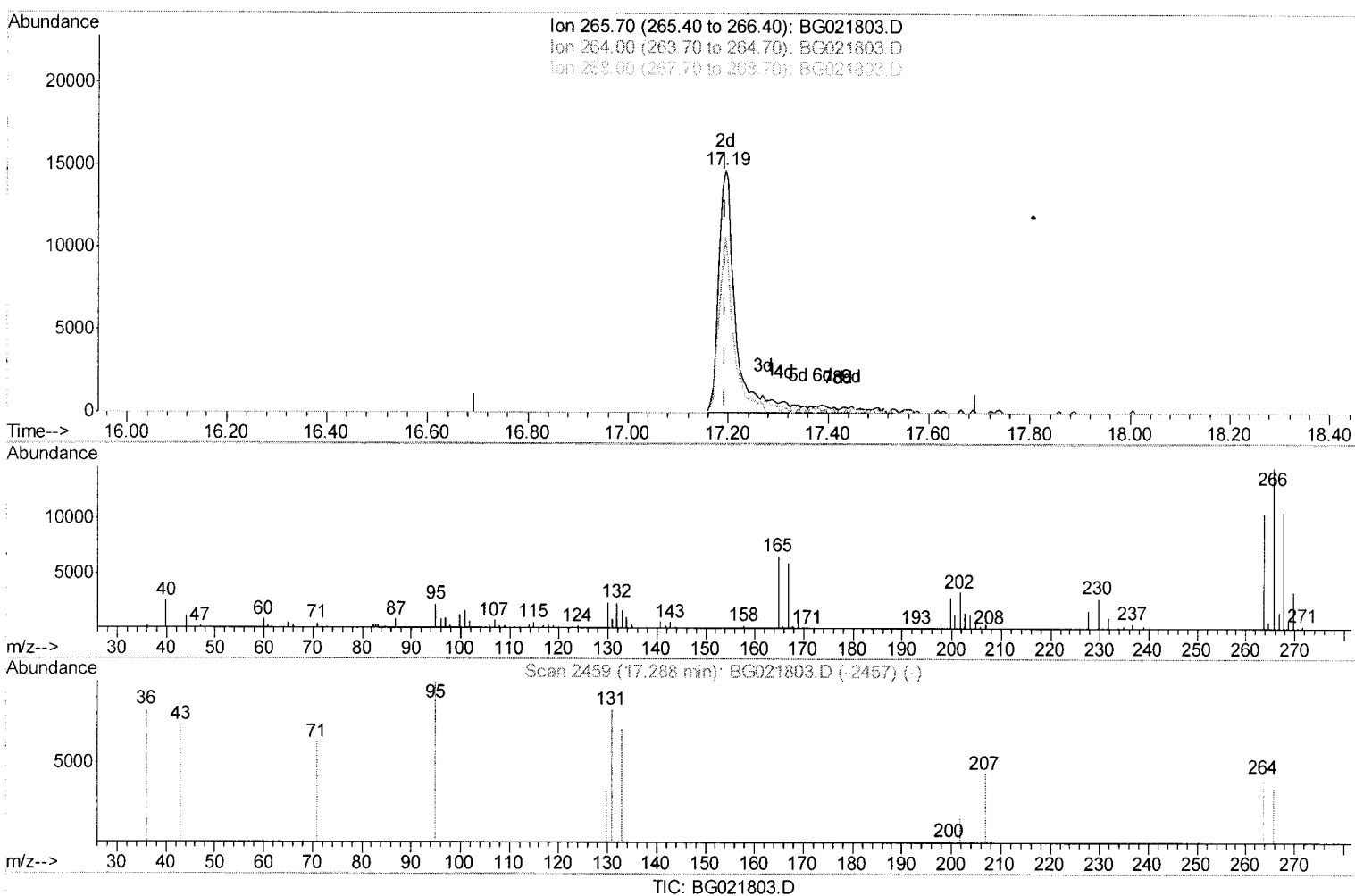
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

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(69) Pentachlorophenol (C)

17.194min (0.000) 22.46ng/ul m

response 34220

Ion	Exp%	Act%
265.70	100	100
264.00	70.90	71.85
268.00	63.30	72.76
0.00	0.00	0.00

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Quantitation Report (Qedit)

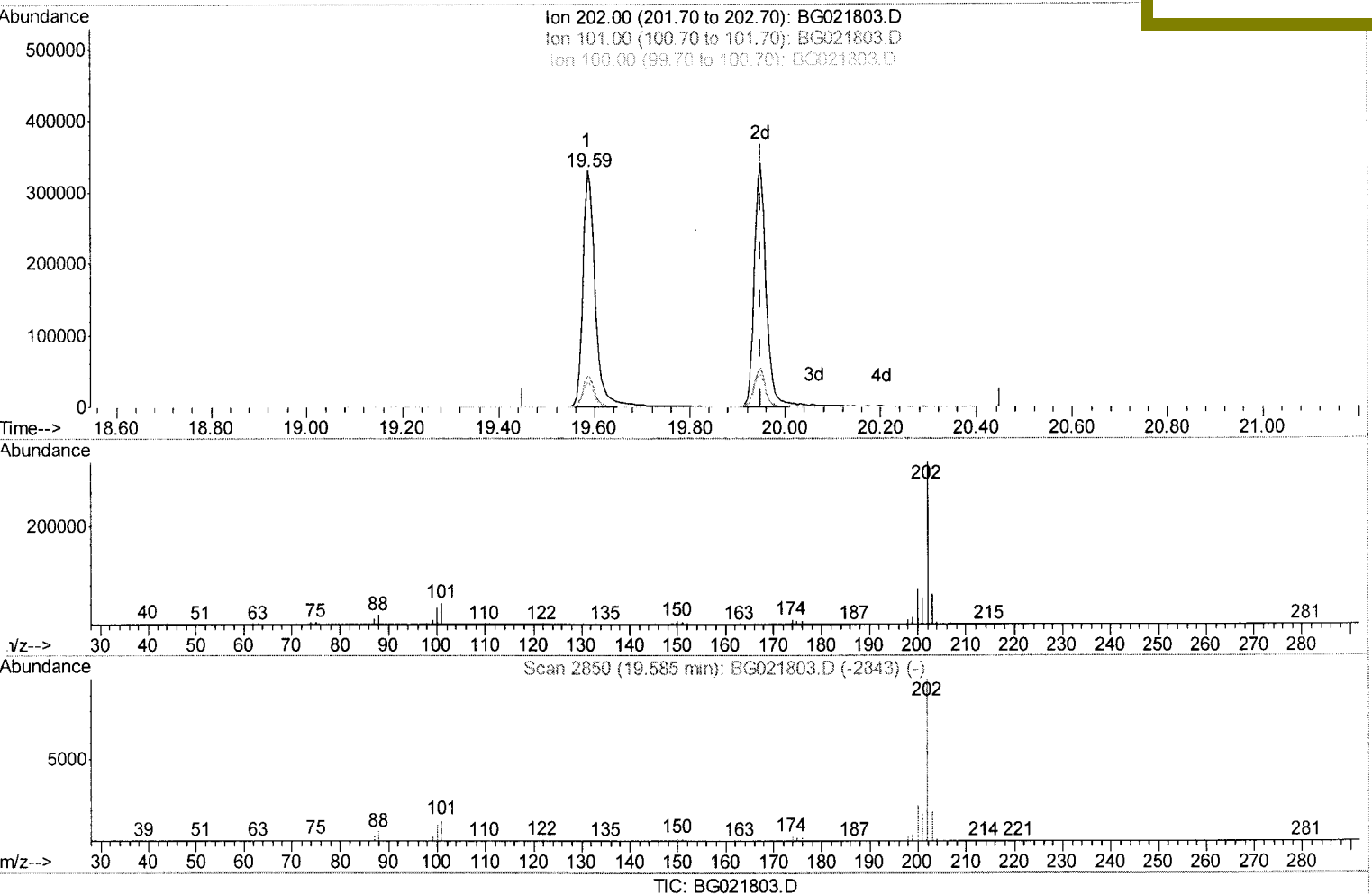
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

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(78) Pyrene

19.585min (-0.364) 19.82ng/ul

response 589879

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.35
100.00	11.60	10.52
0.00	0.00	0.00

Quantitation Report (Qedit)

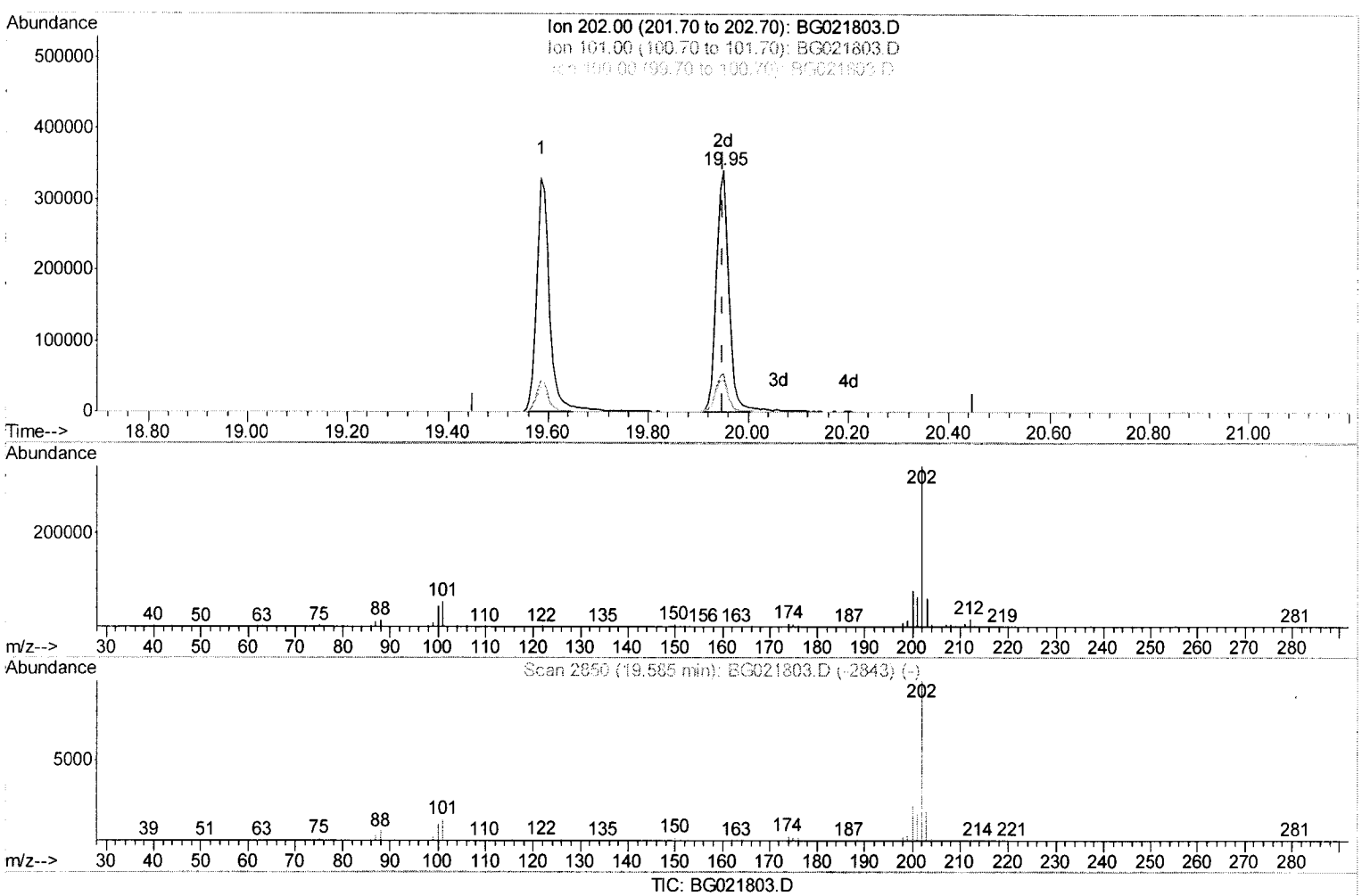
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

Manual Integrations
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(78) Pyrene

19.950min (0.000) 19.87ng/ul m

response 591368

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.84#
100.00	11.60	13.20
0.00	0.00	0.00

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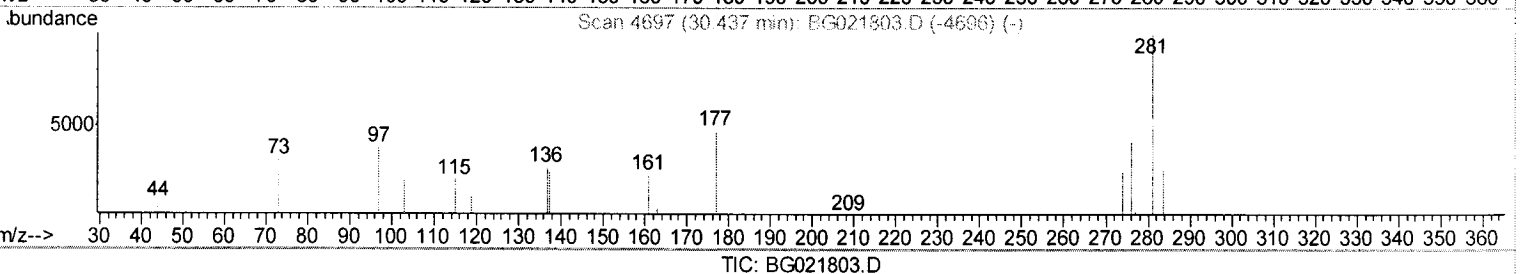
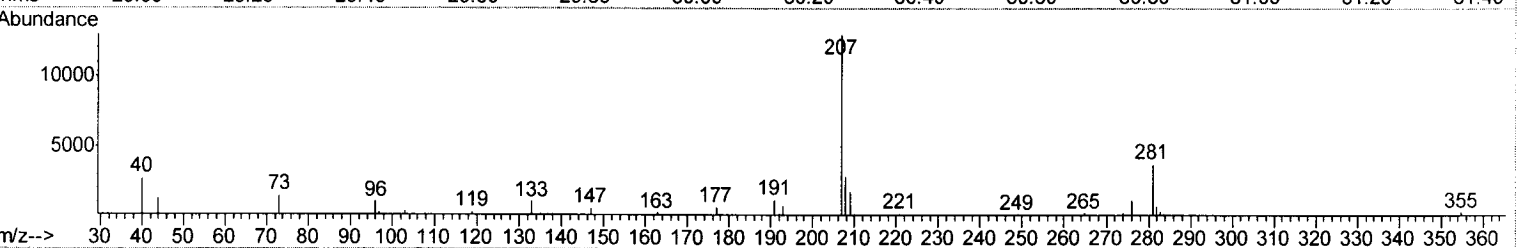
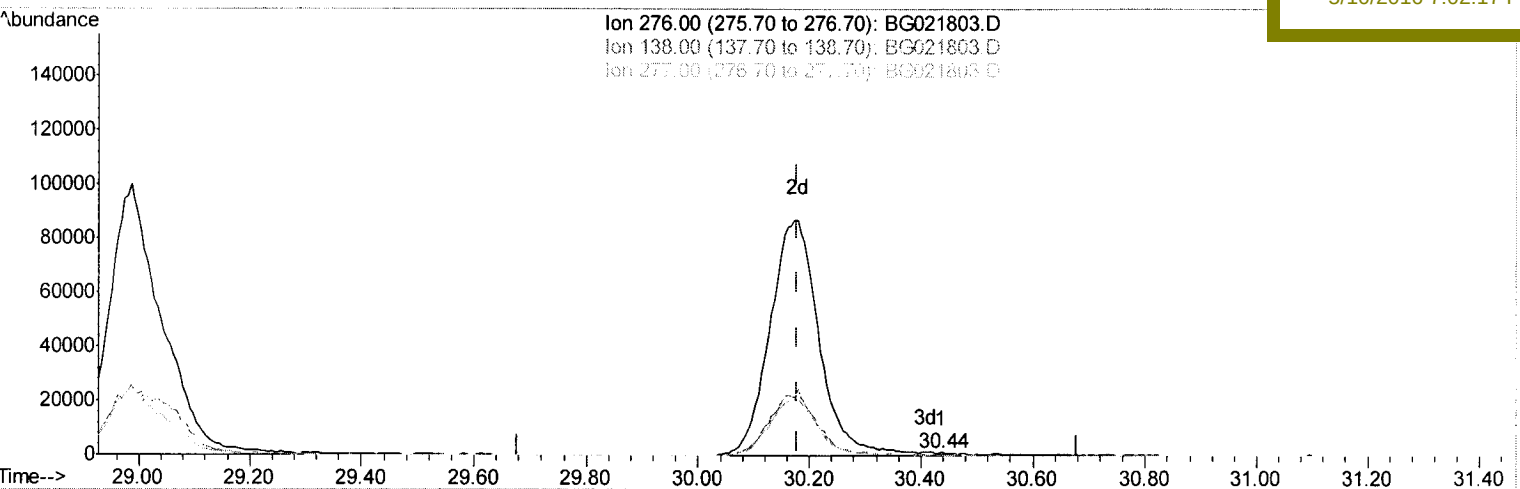
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

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QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02009

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

30.437min (+0.259) 0.02ng/ul

response 618

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	19.43
277.00	24.70	20.90
0.00	0.00	0.00

Quantitation Report (Qedit)

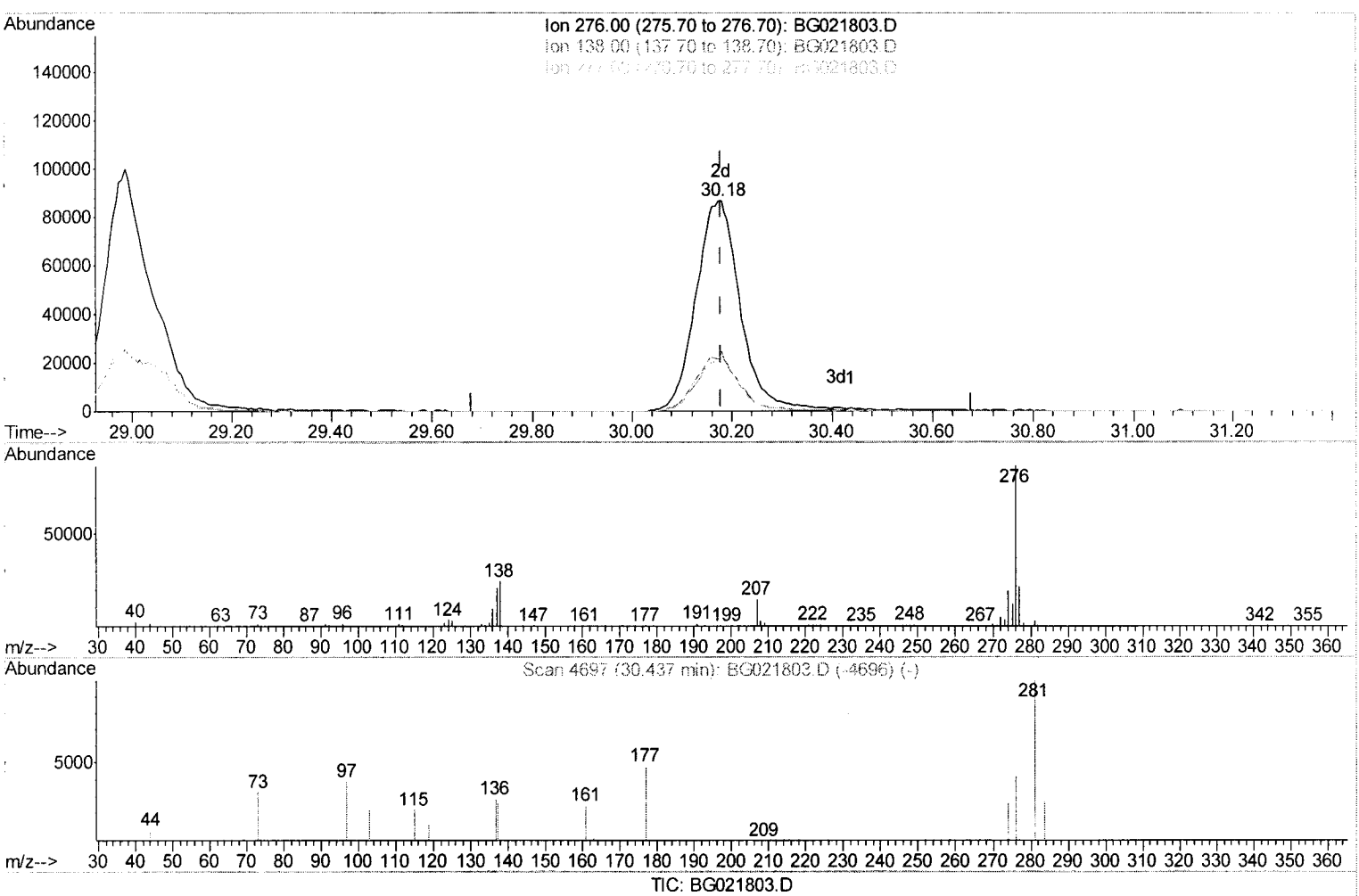
Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SSTD02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02009

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

30.179min (0.000) 19.20ng/ul m

response 533554

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	27.99#
277.00	24.70	24.63
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
 Data File : BG021803.D
 Acq On : 9 May 2016 11:15
 Operator : UM/SJ
 Sample : SST02009
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST02009

Manual Integrations
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Quant Time: May 09 13:17:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 09 12:51:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	221028	19.57	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	109285	15.84	ng/ul#	90
38) Hexachlorocyclopentadiene	12.99	237	49122	19.44	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.25	196	53076	13.08	ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	78198m	17.67	ng/ul	
41) 1,1'-Biphenyl	13.65	154	306745	19.02	ng/ul	96
42) 2-Chloronaphthalene	13.69	162	237927	18.87	ng/ul	95
43) 2-Nitroaniline	13.89	65	39862m	9.06	ng/ul	
45) Dimethylphthalate	14.25	163	300341	17.61	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	57845	16.62	ng/ul#	65
48) Acenaphthylene	14.53	152	414751	20.69	ng/ul	98
49) 3-Nitroaniline	14.72	138	65562	20.37	ng/ul#	66
50) Acenaphthene	14.87	153	279820	20.24	ng/ul	94
51) 2,4-Dinitrophenol	14.93	184	7829m	4.47	ng/ul	
53) 4-Nitrophenol	15.01	109	19316	7.10	ng/ul#	41
54) Dibenzofuran	15.20	168	379087m	19.57	ng/ul	
55) 2,4-Dinitrotoluene	15.16	165	80475	15.77	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.43	232	51815	16.01	ng/ul#	90
57) Diethylphthalate	15.61	149	292576	16.05	ng/ul	98
59) Fluorene	15.85	166	327327	19.33	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.84	204	151774	17.07	ng/ul#	87
61) 4-Nitroaniline	15.87	138	73102	21.67	ng/ul#	44
64) 4,6-Dinitro-2-methylphenol	15.92	198	19599	6.01	ng/ul#	76
65) N-Nitrosodiphenylamine	16.05	169	279668	19.31	ng/ul	93
66) 4-Bromophenyl-phenylether	16.74	248	96400m	17.65	ng/ul	
67) Hexachlorobenzene	16.85	284	111235m	19.31	ng/ul	
68) Atrazine	16.99	200	77340	13.24	ng/ul	95
69) Pentachlorophenol	17.19	266	34220m	22.46	ng/ul	
70) Phenanthrene	17.59	178	518637	19.59	ng/ul	96
72) Anthracene	17.68	178	540927	20.08	ng/ul	100
73) Carbazole	17.95	167	478235	20.52	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	453765	15.09	ng/ul#	97
75) Fluoranthene	19.59	202	589879	18.46	ng/ul#	94
78) Perylene	19.95	202	591368m	19.87	ng/ul	
79) Butylbenzylphthalate	20.82	149	121887	9.70	ng/ul#	84
80) 3,3'-Dichlorobenzidine	21.72	252	160724	15.52	ng/ul	97
81) Benzo(a)anthracene	21.81	228	571991	18.97	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.71	149	210108	11.43	ng/ul	97
83) Chrysene	21.88	228	547039	19.16	ng/ul	97
85) Di-n-octyl phthalate	22.96	149	331887	10.25	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	542092	17.69	ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	591075	19.64	ng/ul#	97
89) Benzo(a)pyrene	25.01	252	556291	18.70	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.99	276	645867	19.11	ng/ul#	92
91) Dibenzo(a,h)anthracene	29.06	278	540717	18.80	ng/ul#	95
92) Benzo(g,h,i)perylene	30.18	276	533554m	19.20	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
SSTD02009

Quant Time: May 09 13:17:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	55129	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	295870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	197108	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	467508	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	499430	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	476958	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	9427	7.67	ng/uL	0.00
5) Phenol-d5	7.33	99	74592	14.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	40517	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	67275	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	66166	14.82	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	42316	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23910	9.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	74438m	16.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	85169m	14.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	288266m	17.56	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	398490	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	42570	16.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	295844	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	17565	5.69	ng/ul	0.00
71) Anthracene-d10	17.65	188	448780	19.59	ng/ul	0.00
77) Pyrene-d10	19.92	212	475977	20.44	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	459378	20.87	ng/ul	0.00

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Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.61	88	16321	9.84	ng/uL#	62
4) Benzaldehyde	7.34	77	8520m	2.68	ng/ul	
6) Phenol	7.36	94	86925m	15.77	ng/ul	
8) Bis(2-Chloroethyl)ether	7.60	93	75363m	18.89	ng/ul	
10) 2-Chlorophenol	7.75	128	67382	16.56	ng/ul#	74
11) 2-Methylphenol	8.63	108	65222	15.38	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.72	45	67142	13.96	ng/ul#	83
14) Acetophenone	9.02	105	113780	15.62	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.99	70	54829	13.58	ng/ul#	74
16) 4-Methylphenol	8.95	108	72993	15.17	ng/ul	86
17) Hexachloroethane	9.27	117	28206	16.52	ng/ul	92
20) Nitrobenzene	9.40	77	75850	12.10	ng/ul#	69
21) Isophorone	9.92	82	178804	14.79	ng/ul#	85
23) 2-Nitrophenol	10.11	139	28343	10.12	ng/ul#	55
24) 2,4-Dimethylphenol	10.16	107	79647m	12.60	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.40	93	102794	16.33	ng/ul#	97
27) 2,4-Dichlorophenol	10.65	162	74879m	15.90	ng/ul	
28) Naphthalene	11.05	128	297758	18.98	ng/ul	98
30) 4-Chloroaniline	11.17	127	81646m	13.12	ng/ul	
31) Hexachlorobutadiene	11.34	225	47077	13.57	ng/ul	98
32) Caprolactam	11.95	113	30253m	17.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	79042m	13.74	ng/ul	
34) 2-Methylnaphthalene	12.65	142	216722	18.62	ng/ul	98

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