

(OT Reviewed)

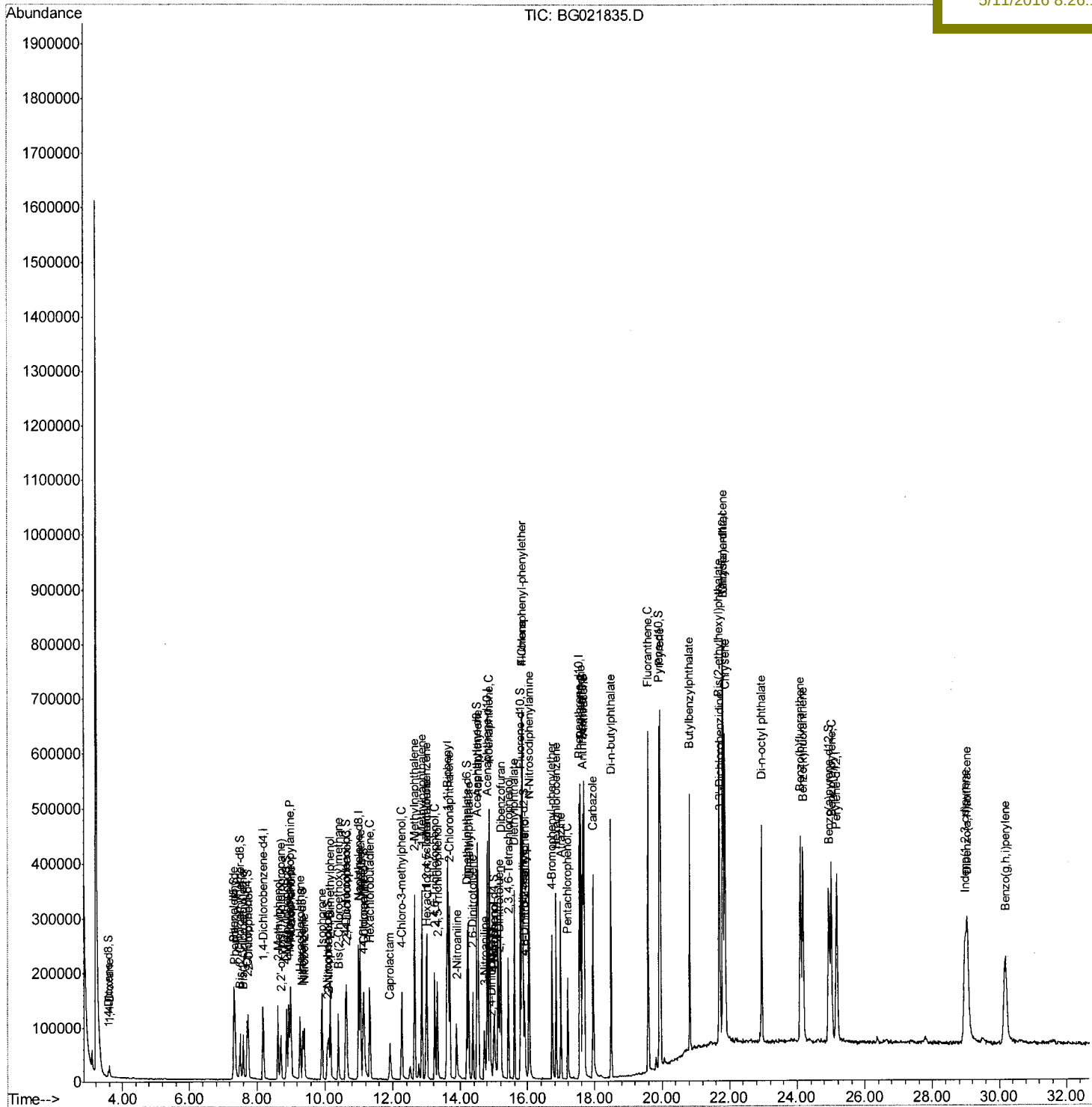
```
Data Path   : Z:\HPCHEM1\BNA G\Data\BG051016\  
Data File   : BG021835.D  
Acq On      : 11 May 2016    3:22  
Operator    : UM/SJ  
Sample      : SSTDCCC020EC  
Misc        :  
ALS Vial    : 2      Sample Multiplier: 1
```

Quant Time: May 11 07:07:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations

sohil
5/11/2016 8:26:12 PM



Quantitation Report (Qedit)

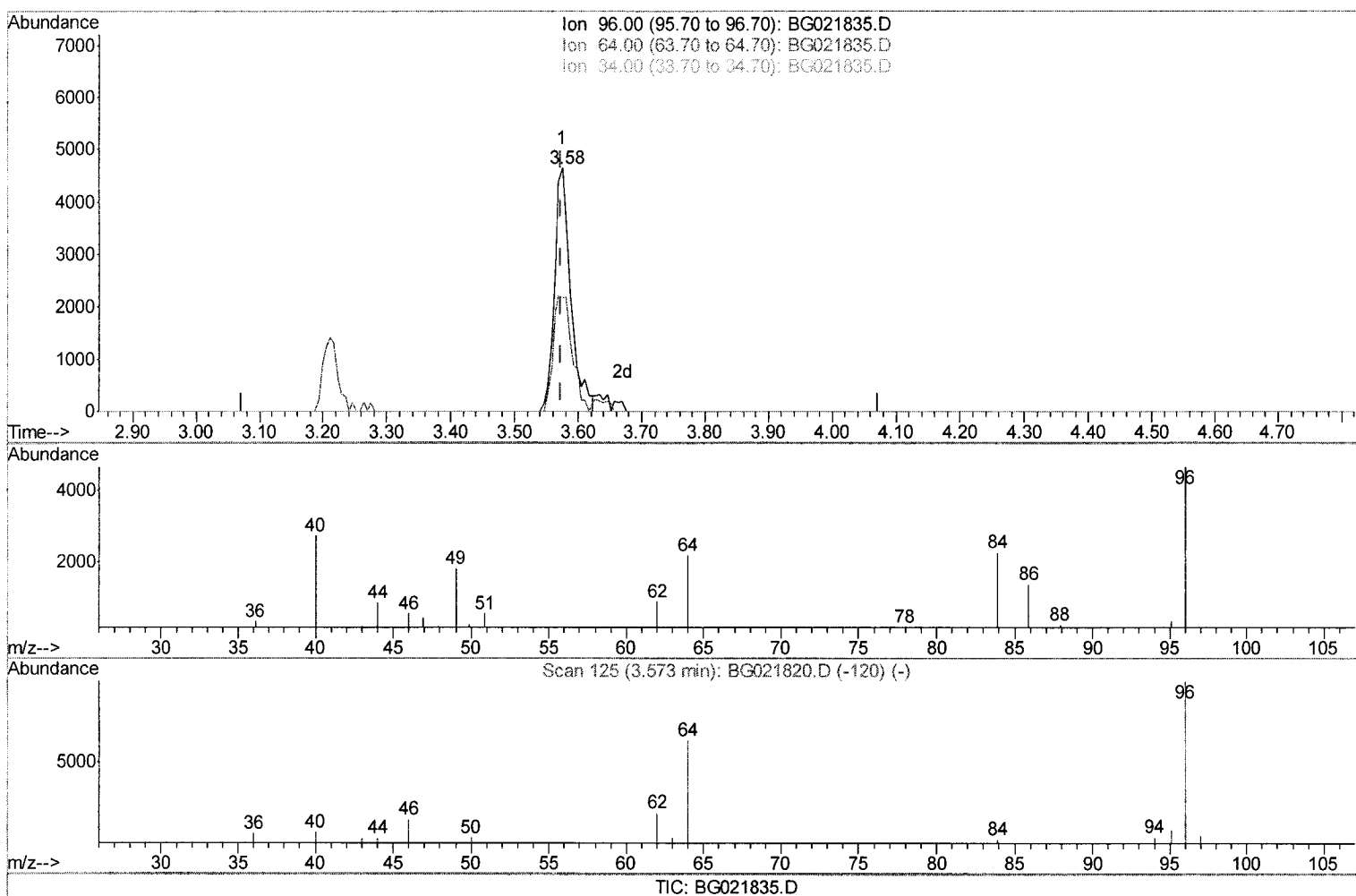
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.575min (+0.003) 7.02ng/uL

response 8337

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	46.92#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

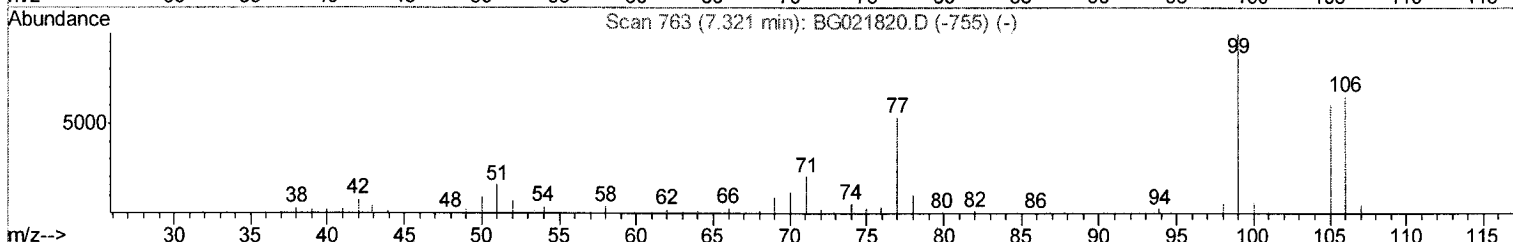
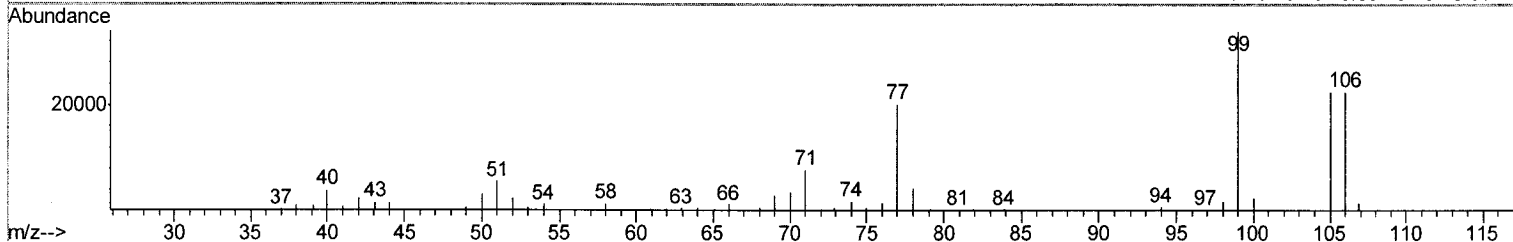
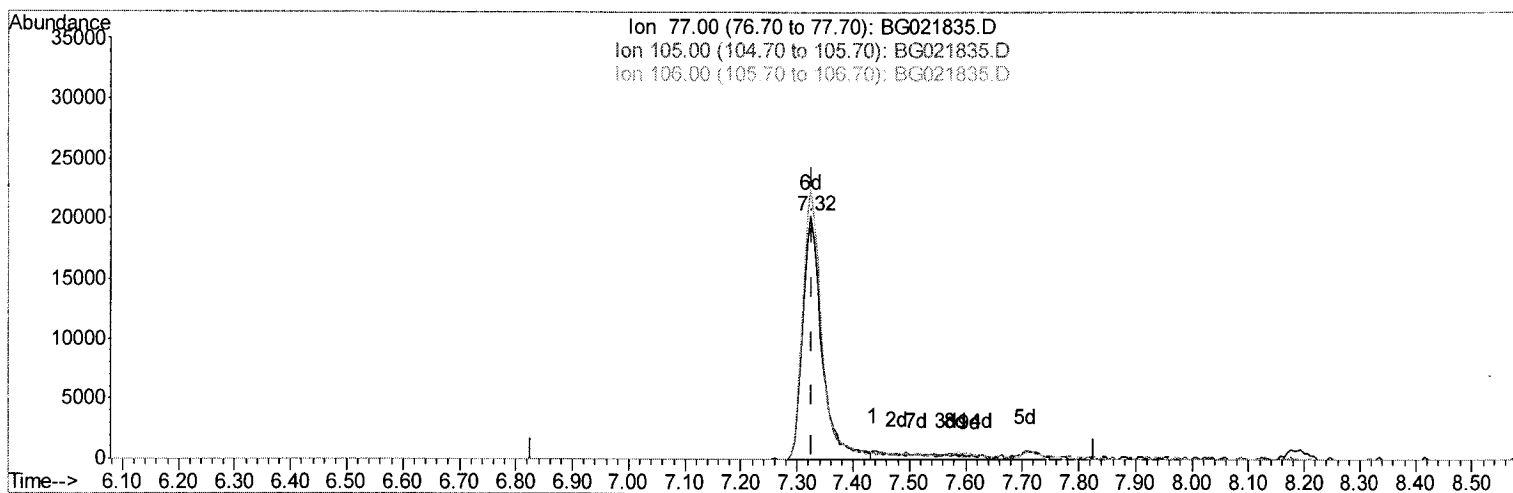
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(4) Benzaldehyde

7.324min (-0.003) 105.16ng/ul m

response 48658

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	111.25#
106.00	81.20	111.57#
0.00	0.00	0.00

U.M
 05/14/16

Quantitation Report (Qedit)

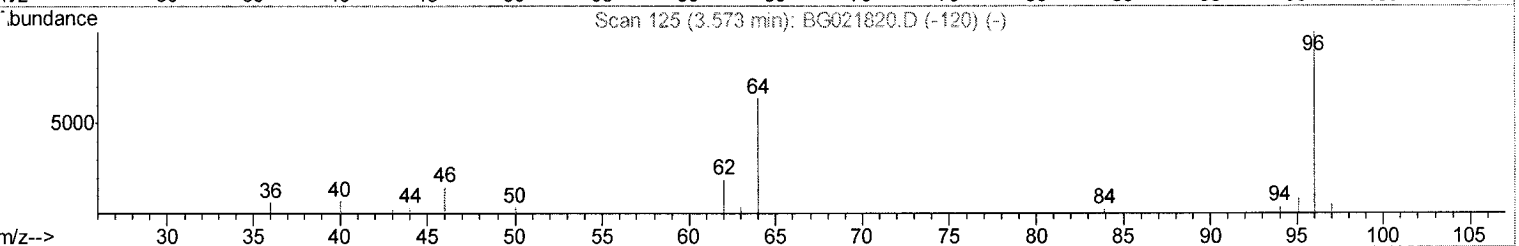
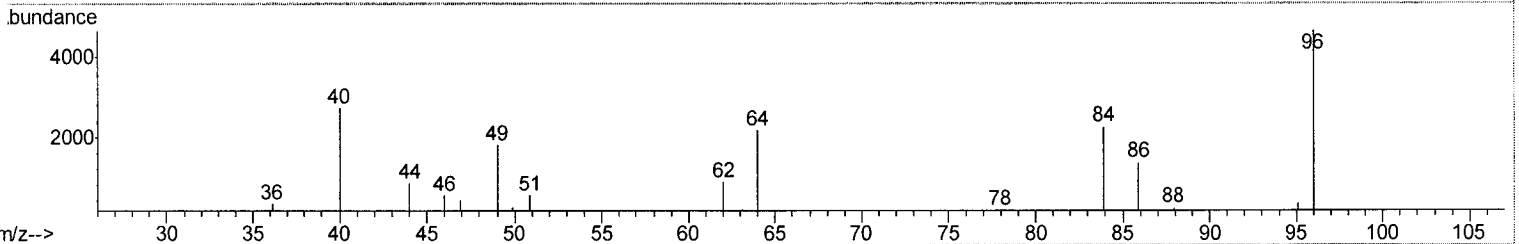
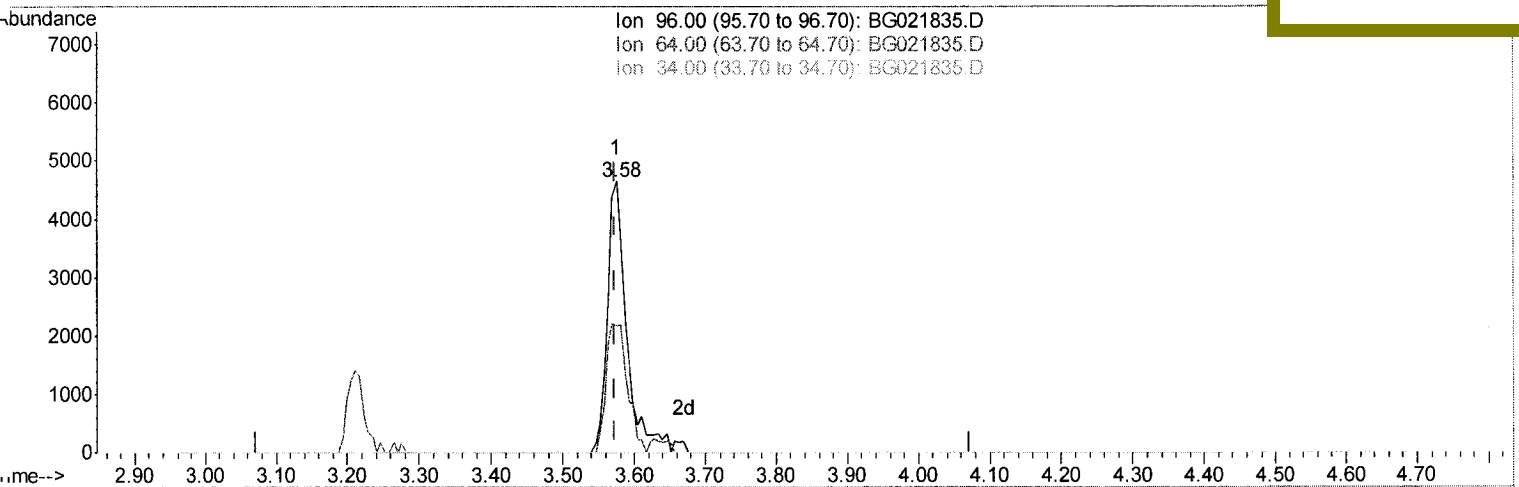
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(3) 1,4-Dioxane-d8 (S)

3.575min (+0.003) 7.35ng/uL m U.M

response 8740

05/14/16

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	46.92#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

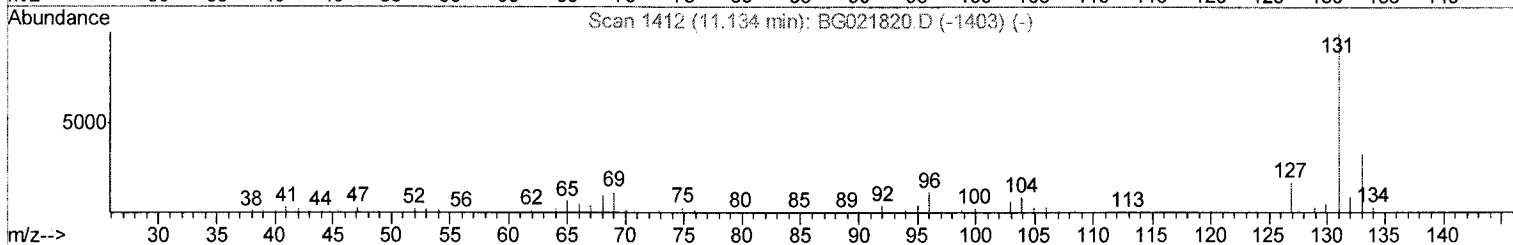
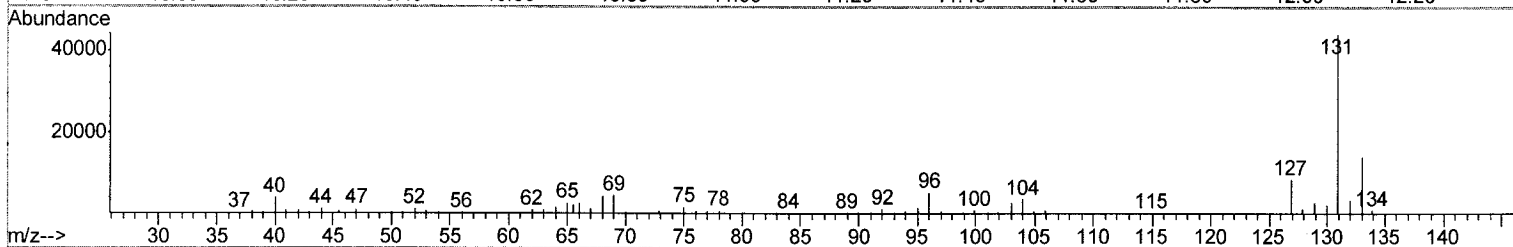
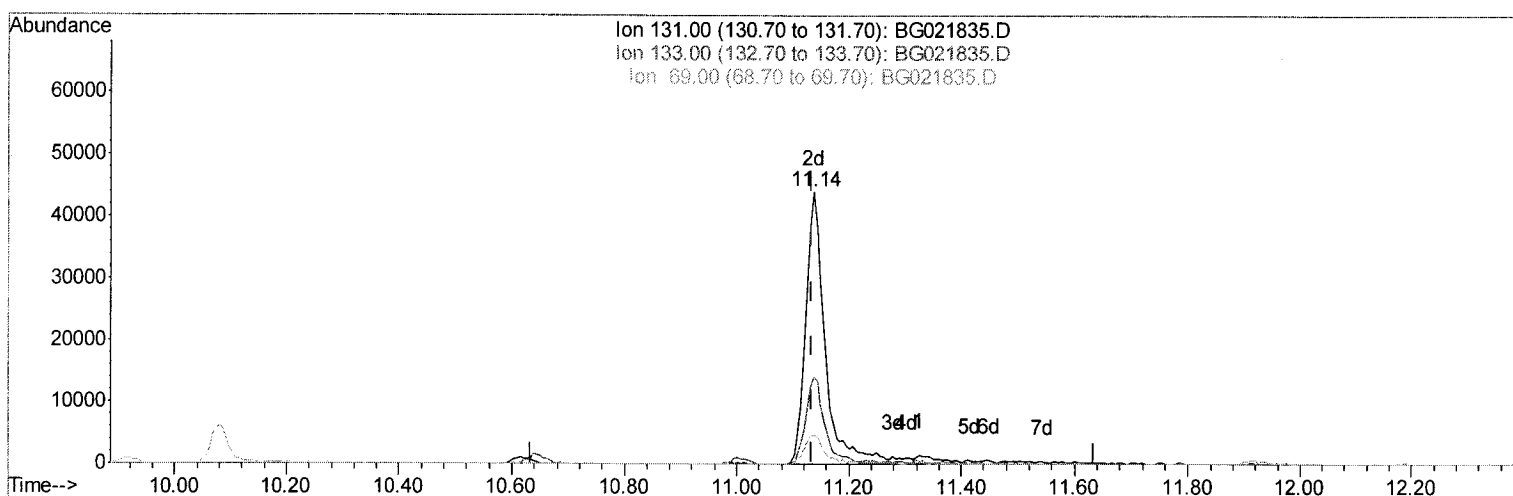
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



TIC: BG021835.D

(29) 4-Chloroaniline-d4 (S)

11.137min (+0.003) 29.76ng/ul m

response 108427

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	31.80
69.00	23.00	10.54#
0.00	0.00	0.00

U.M
05/14/16

Quantitation Report (Qedit)

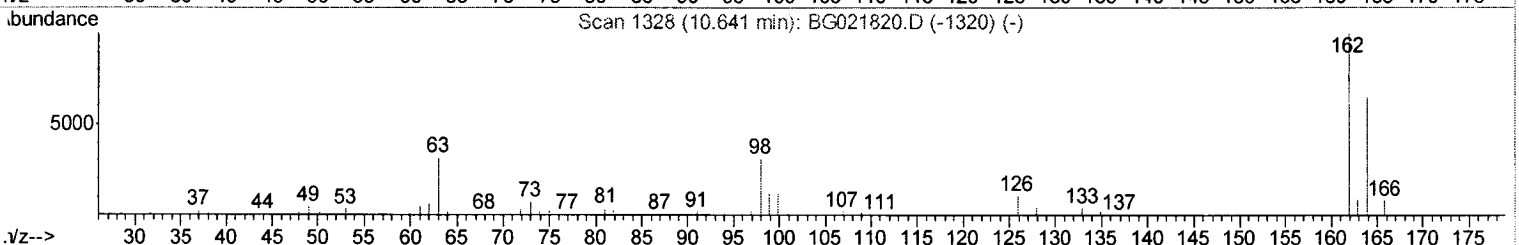
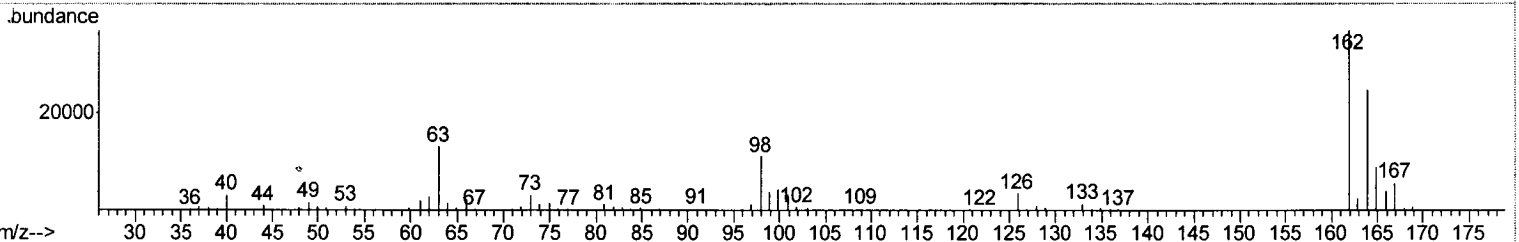
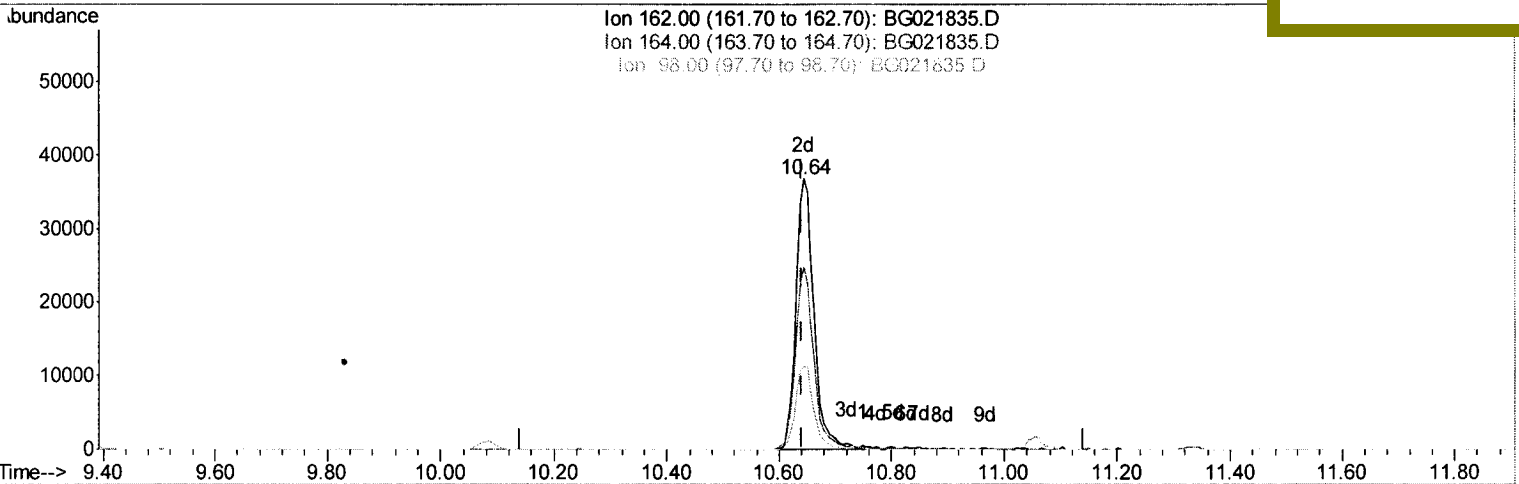
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM



TIC: BG021835.D

(27) 2,4-Dichlorophenol (C)

10.644min (+0.003) 23.58ng/ul m *U.M*
05/14/16
 response 81280

Ion	Exp%	Act%
162.00	100	100
164.00	62.90	67.57
98.00	38.50	30.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

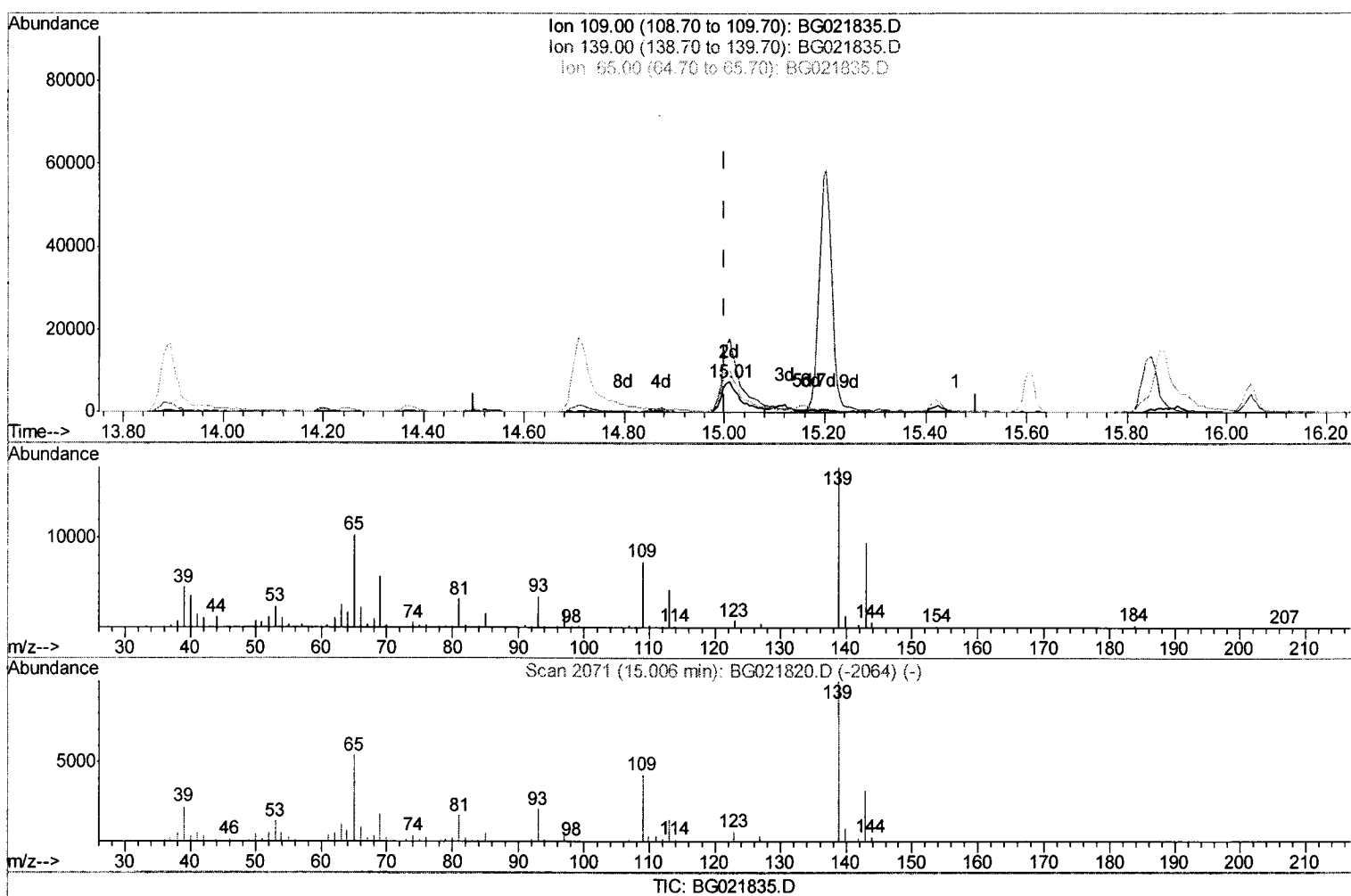
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(53) 4-Nitrophenol

15.009min (+0.009) 21.08ng/ul m

response 19699

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	239.64#
65.00	124.80	139.32
0.00	0.00	0.00

U.M
 05/11/16

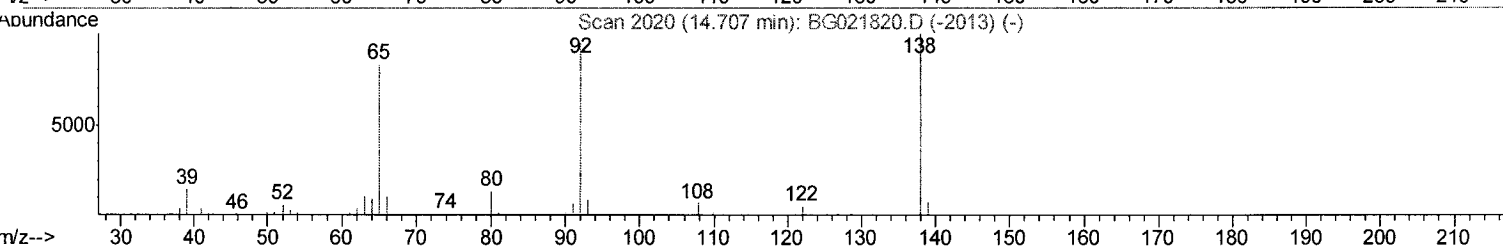
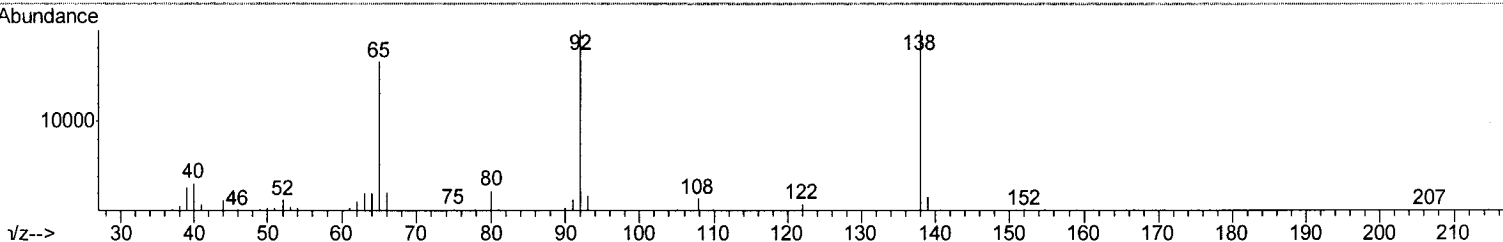
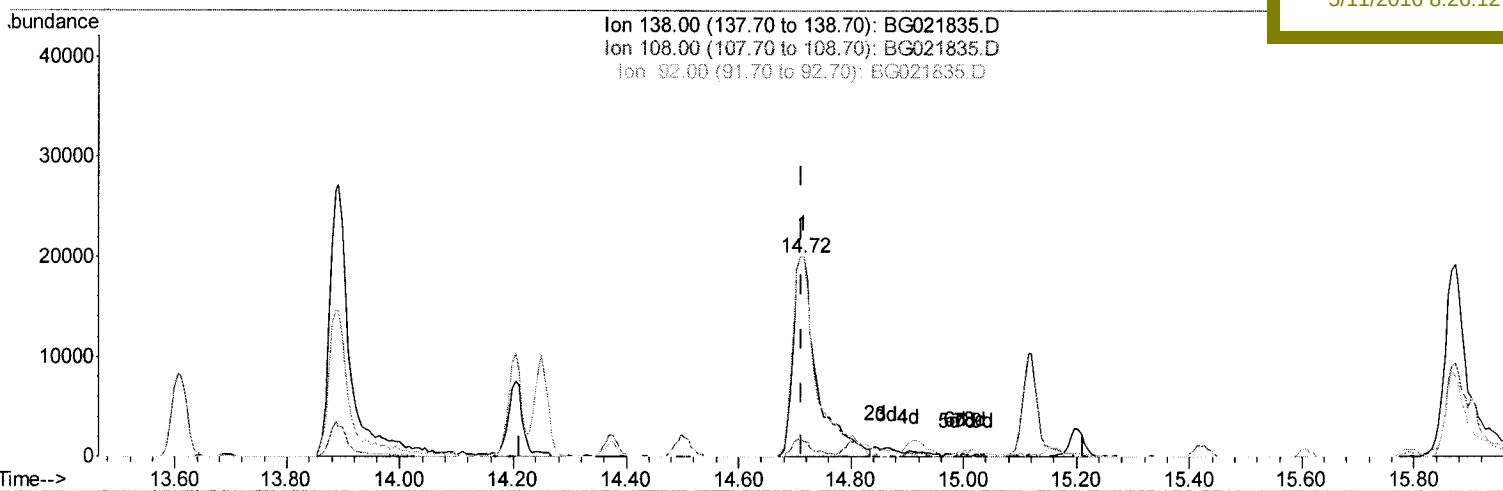
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



TIC: BG021835.D

(49) 3-Nitroaniline

14.715min (+0.003) 21.52ng/ul m

response 58685

Ion	Exp%	Act%
138.00	100	100
108.00	13.70	7.52#
92.00	144.40	99.96#
0.00	0.00	0.00

U.M
05/14/16

Quantitation Report (Qedit)

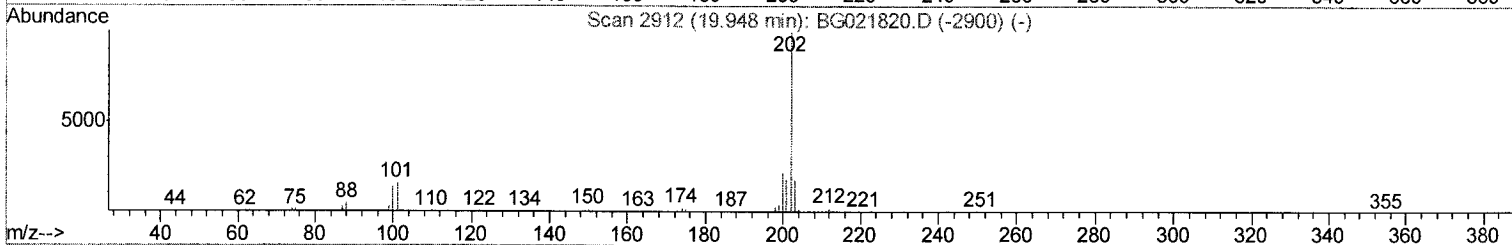
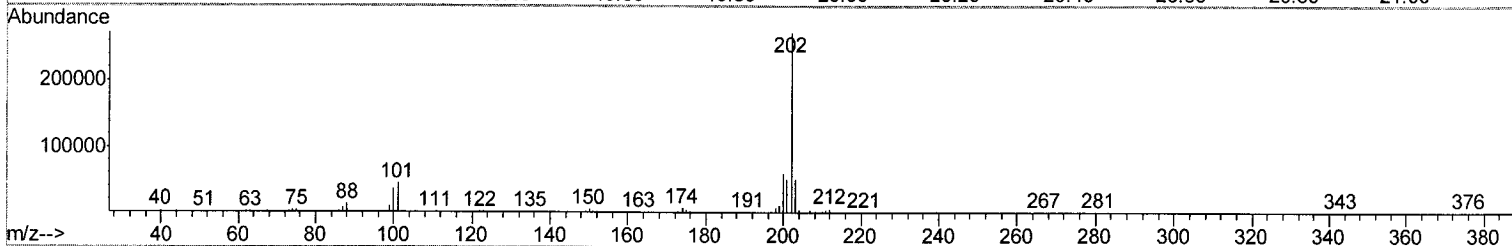
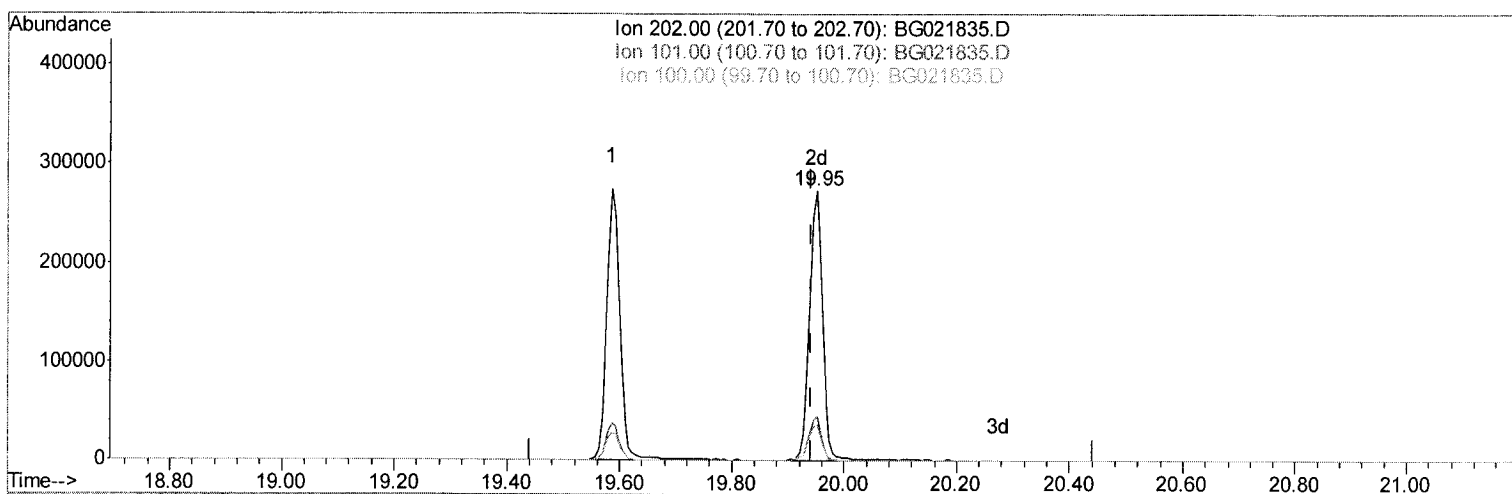
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(78) Pyrene

19.950min (+0.009) 21.94ng/ul m U.M
 response 447997
 05/14/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.40#
100.00	11.60	13.10
0.00	0.00	0.00

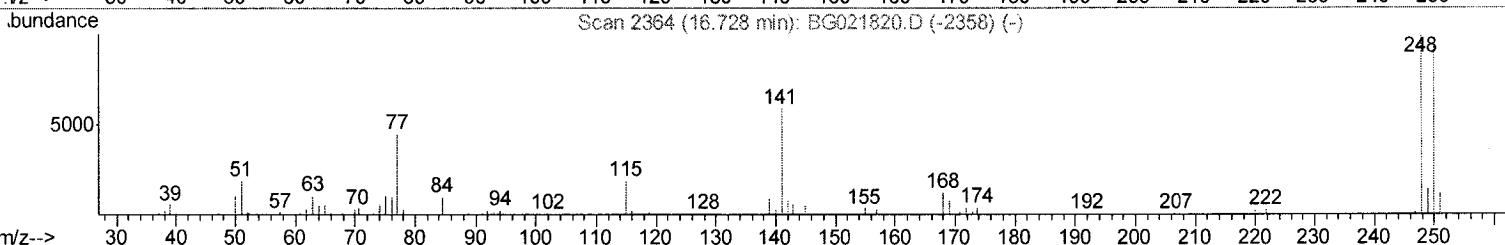
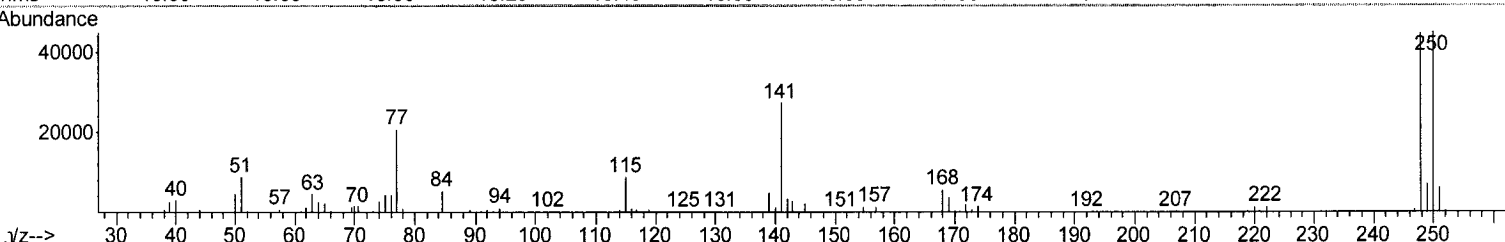
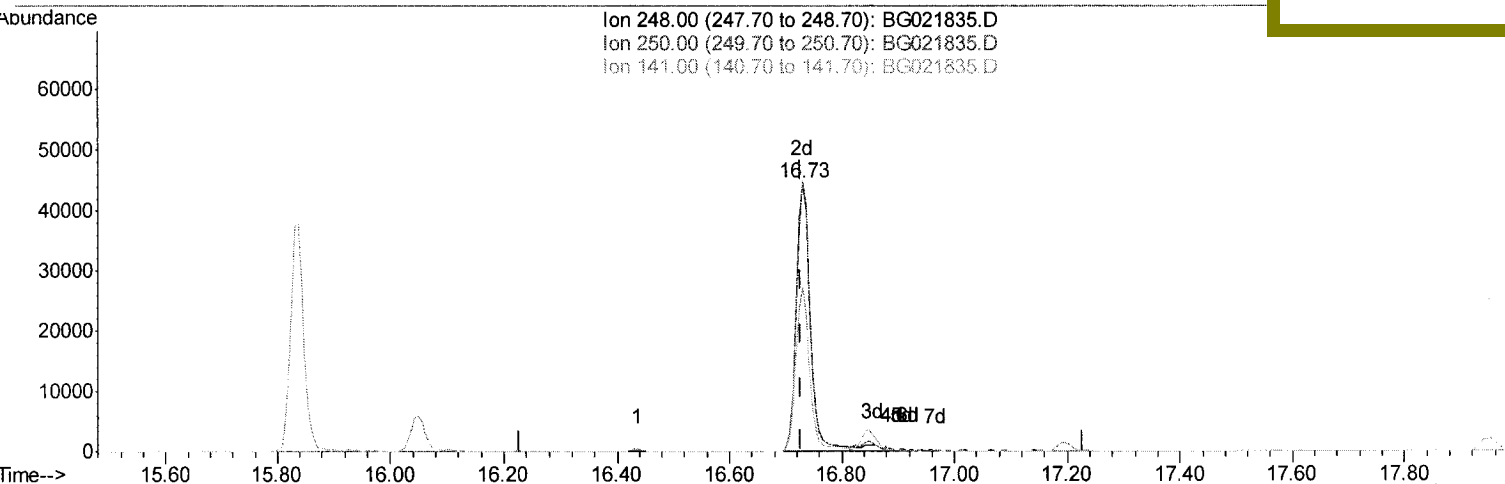
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Quant Time: Mav 11 07:07:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM



TIC: BG021835.D

(66) 4-Bromophenyl-phenylether

16.731min (+0.003) 19.90ng/ul m U.M

response 75790

05/14/16

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	100.52
141.00	95.70	61.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

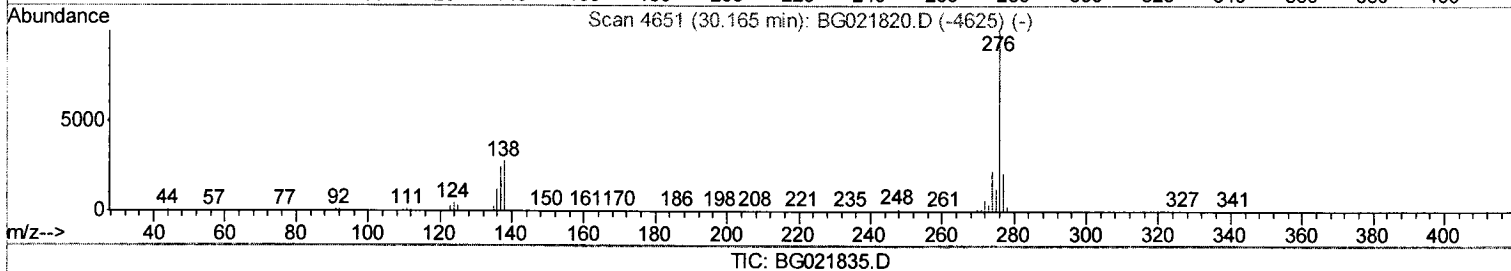
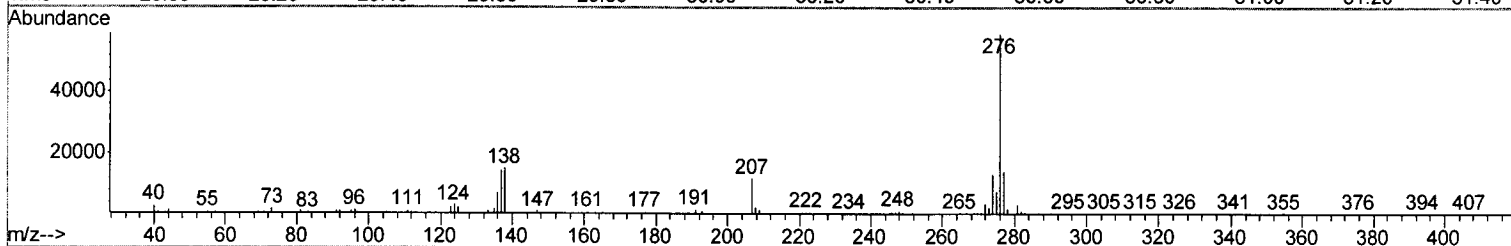
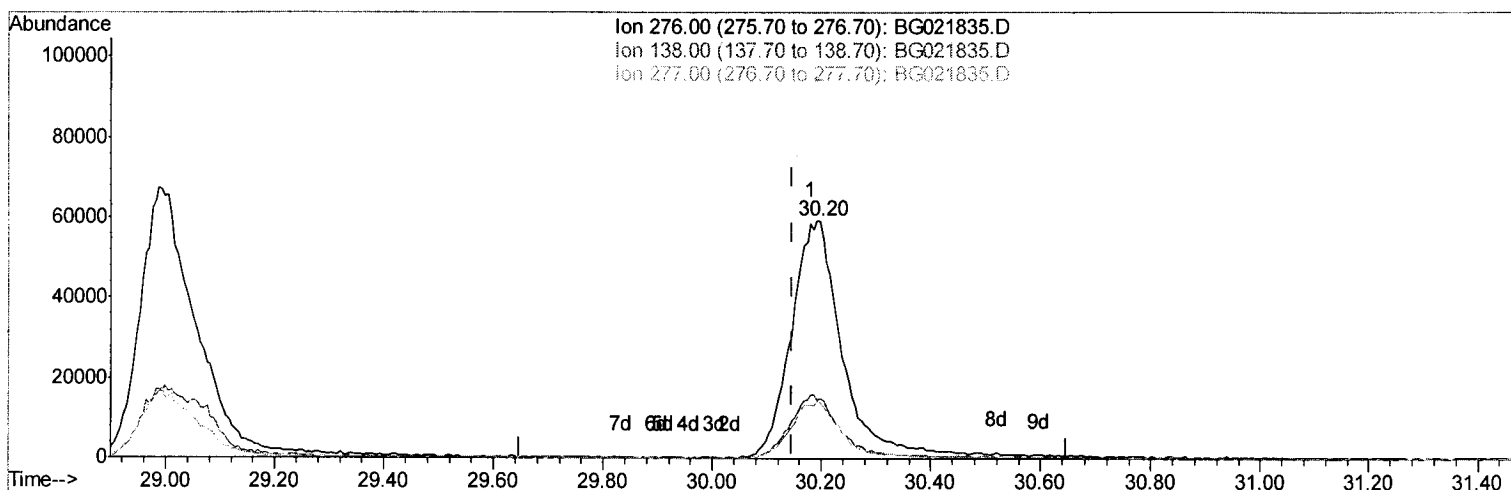
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



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

30.197min (+0.050) 20.45ng/ul m

response 388427

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.34#
277.00	24.70	23.62
0.00	0.00	0.00

U.M
 05/14/16

Quantitation Report (Qedit)

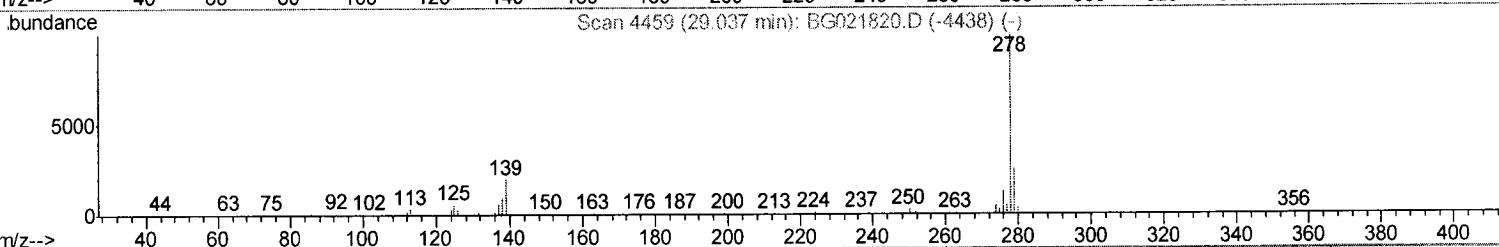
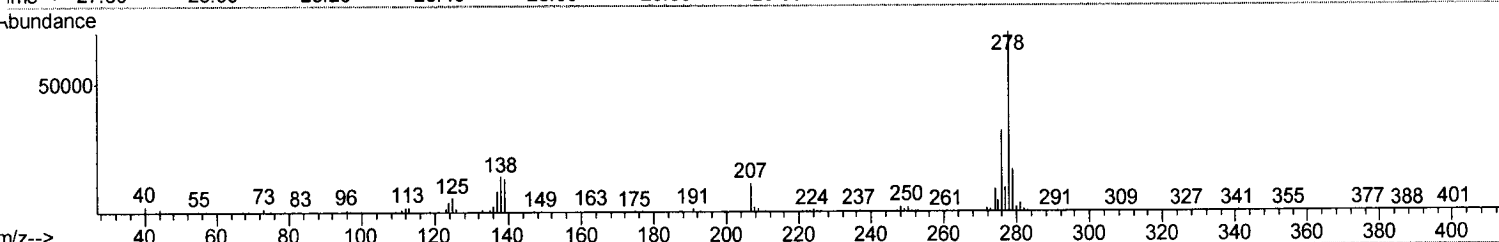
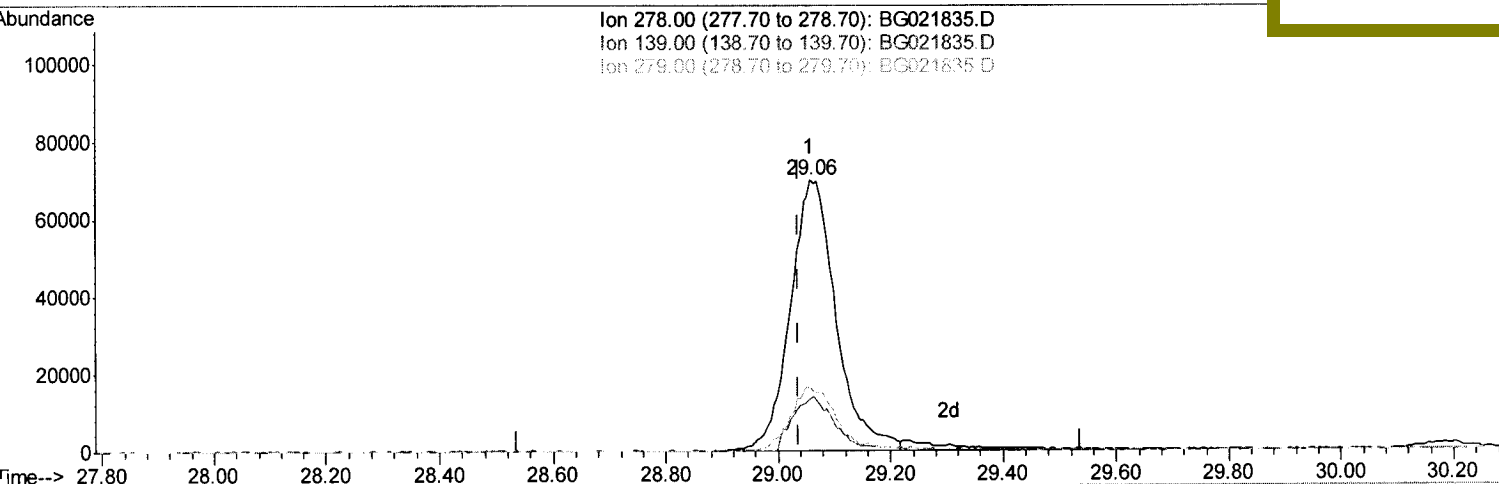
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(91) Dibenzo(a,h)anthracene

29.057min (+0.020) 20.71ng/ul m

response 396548

Ion Exp% Act%

278.00 100 100

139.00 15.10 18.98#

279.00 24.80 23.17

0.00 0.00 0.00

U.M
 05/14/16

Quantitation Report (Qedit)

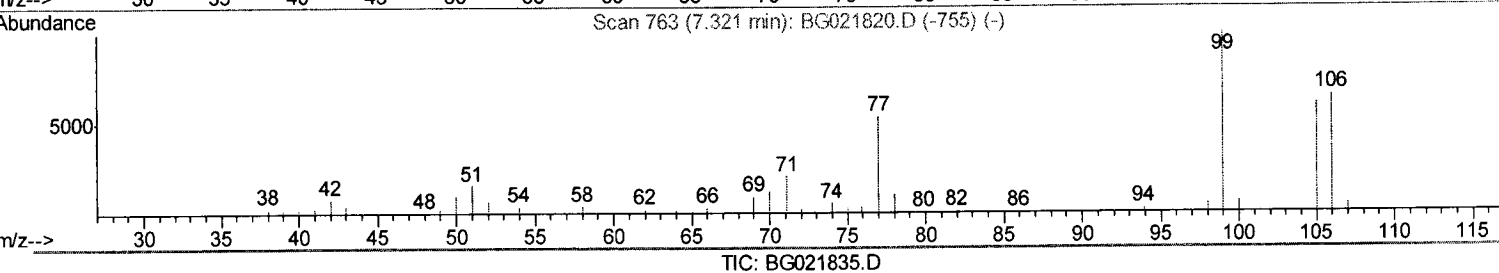
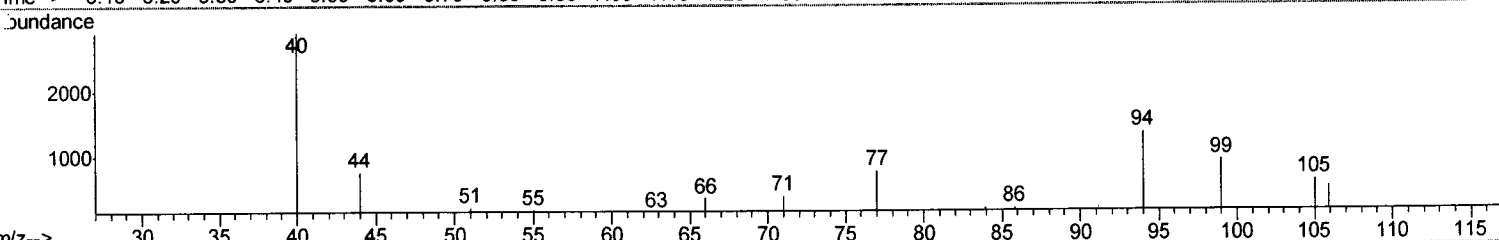
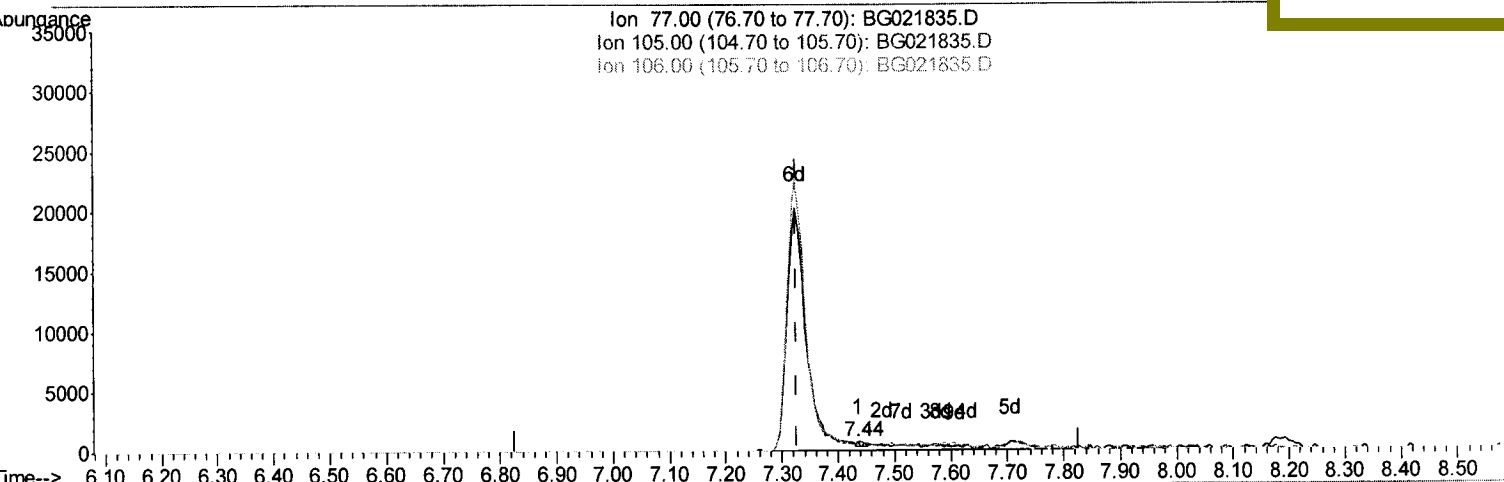
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(4) Benzaldehyde

7.436min (+0.109) 0.88ng/ul

response 409

Ion	Exp%	Act%
77.00	100	100
105.00	85.60	80.94
106.00	81.20	67.75
0.00	0.00	0.00

Quantitation Report (Qedit)

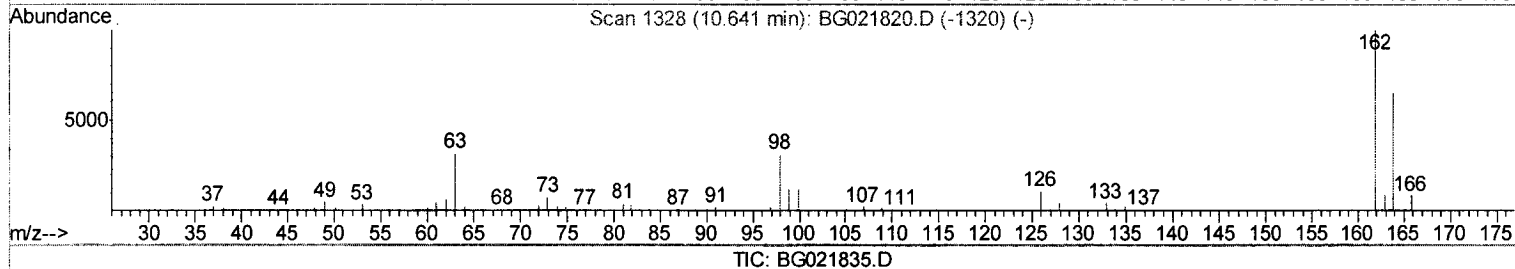
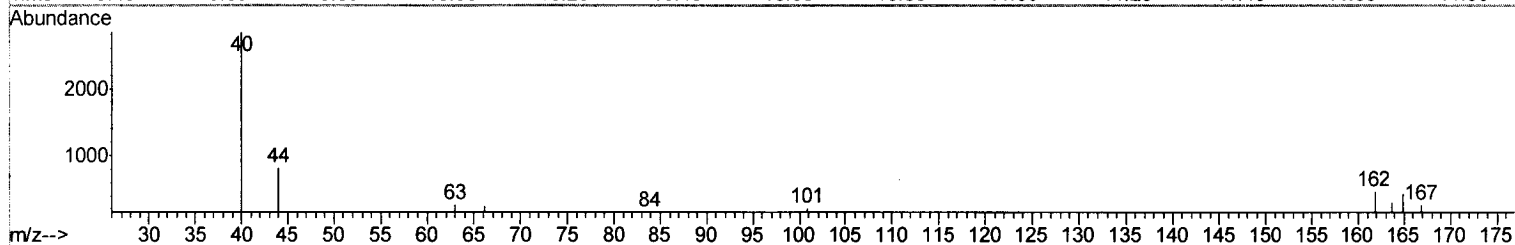
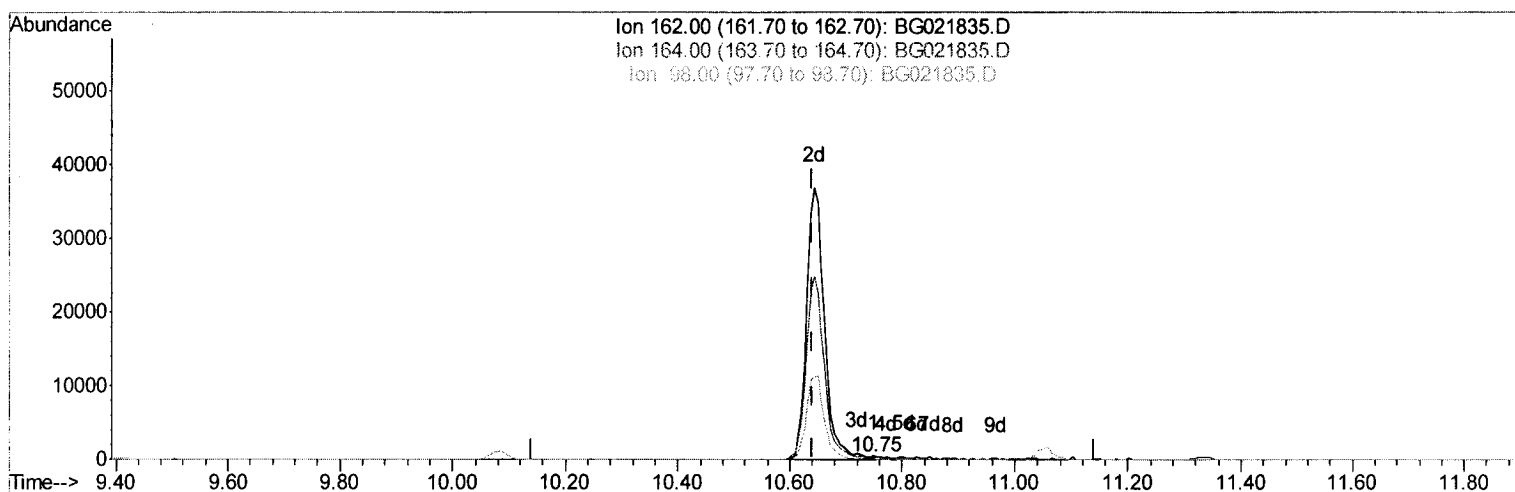
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(27) 2,4-Dichlorophenol (C)

10.749min (+0.109) 0.17ng/ul

response 575

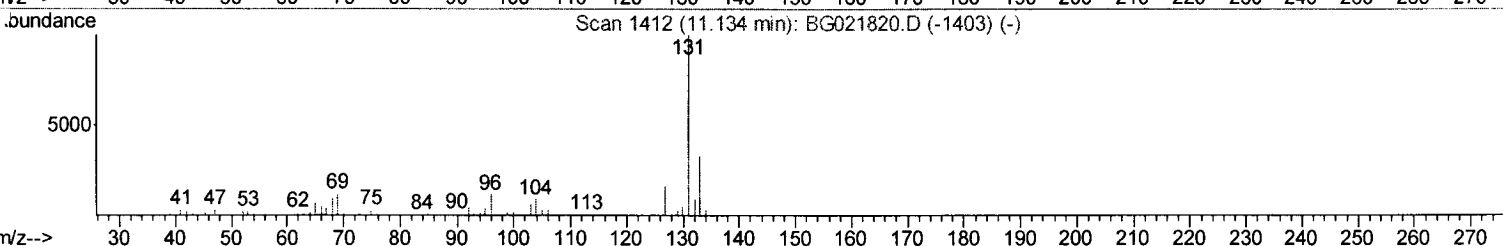
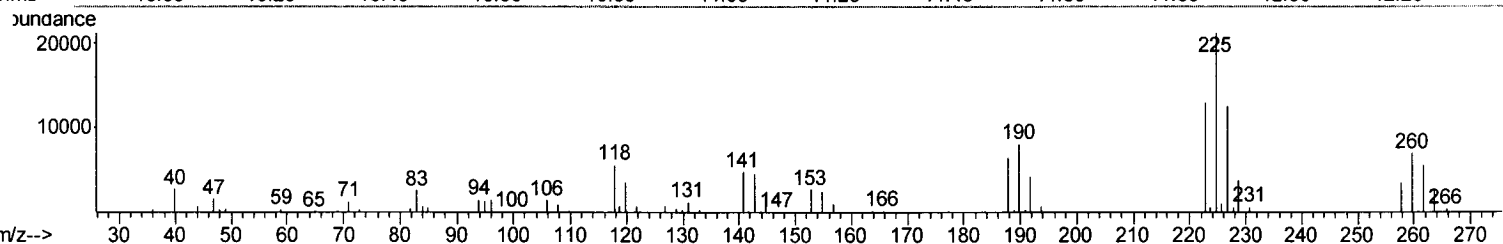
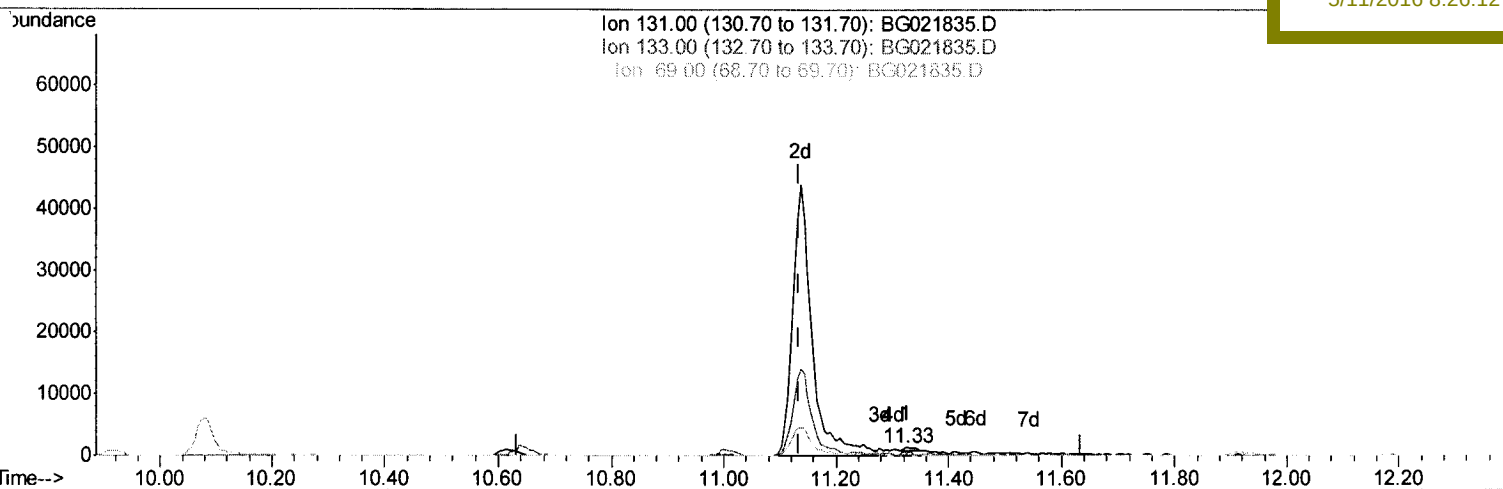
Ion	Exp%	Act%
162.00	100	100
164.00	62.90	61.60
98.00	38.50	36.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM



TIC: BG021835.D

(29) 4-Chloroaniline-d4 (S)

11.325min (+0.191) 0.19ng/ul

response 701

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	28.09
69.00	23.00	20.97
0.00	0.00	0.00

Quantitation Report (Qedit)

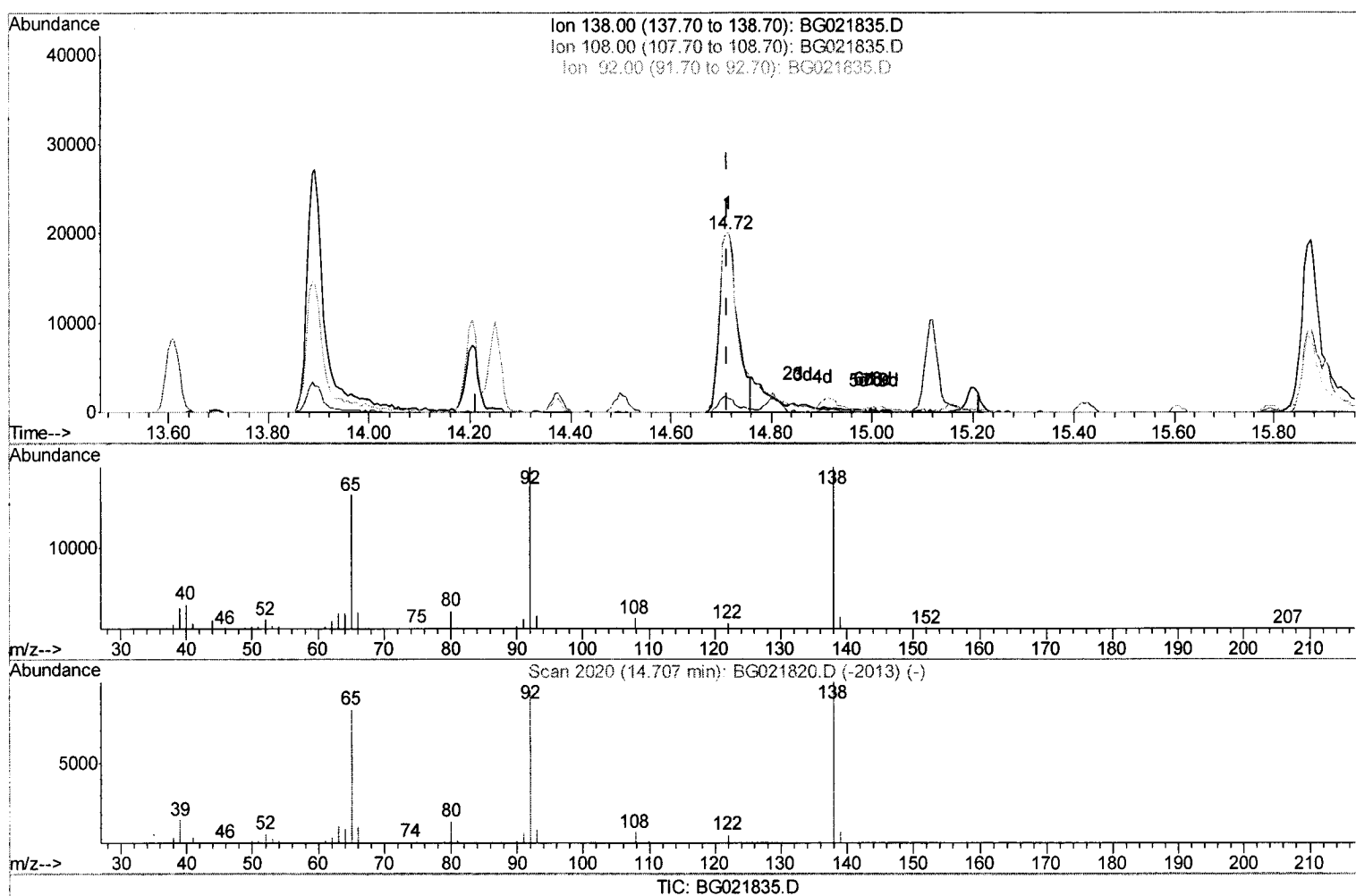
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(49) 3-Nitroaniline

14.715min (+0.003) 18.12ng/ul

response 49421

Ion	Exp%	Act%
138.00	100	100
108.00	13.70	7.52#
92.00	144.40	99.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

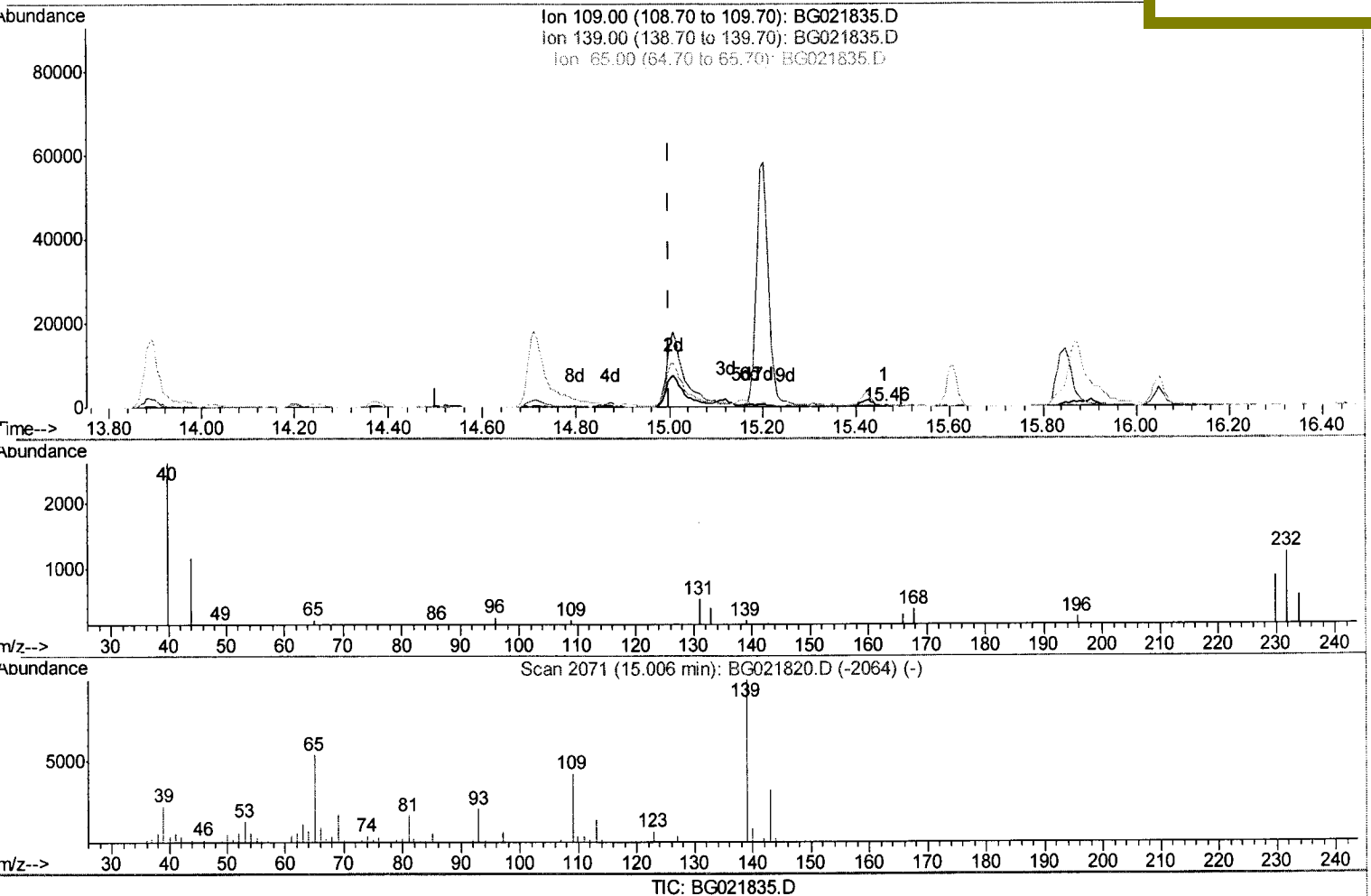
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



(53) 4-Nitrophenol

15.461min (+0.461) 0.16ng/ul

response 145

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	96.77
65.00	124.80	100.46
0.00	0.00	0.00

Quantitation Report (Qedit)

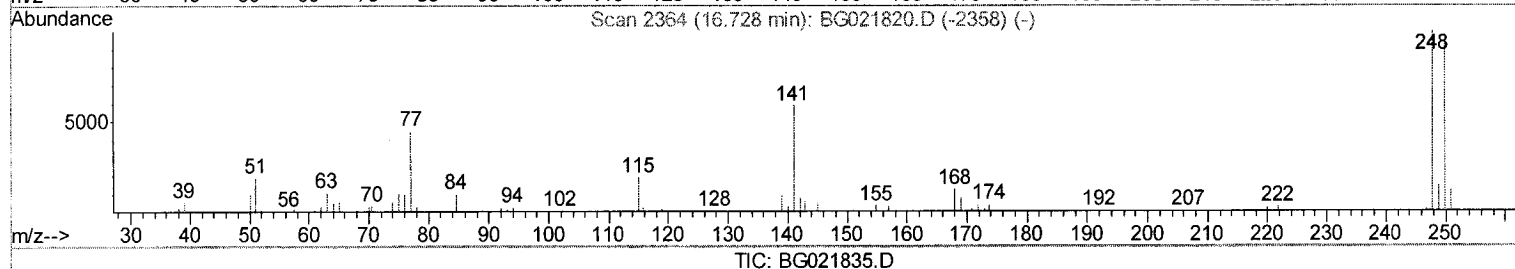
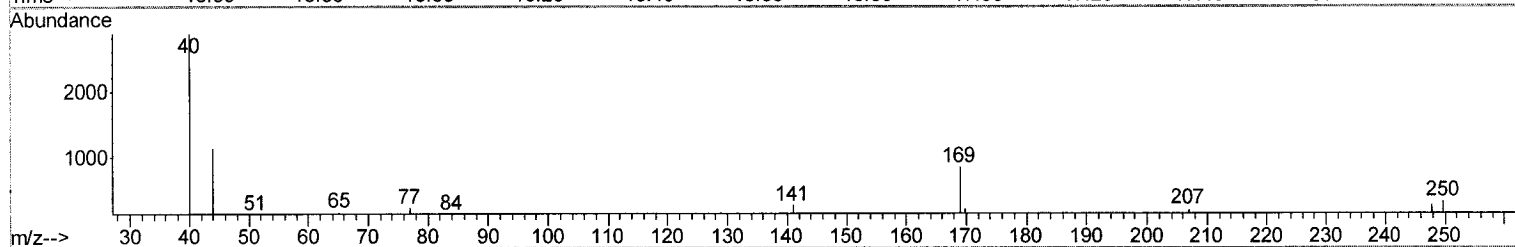
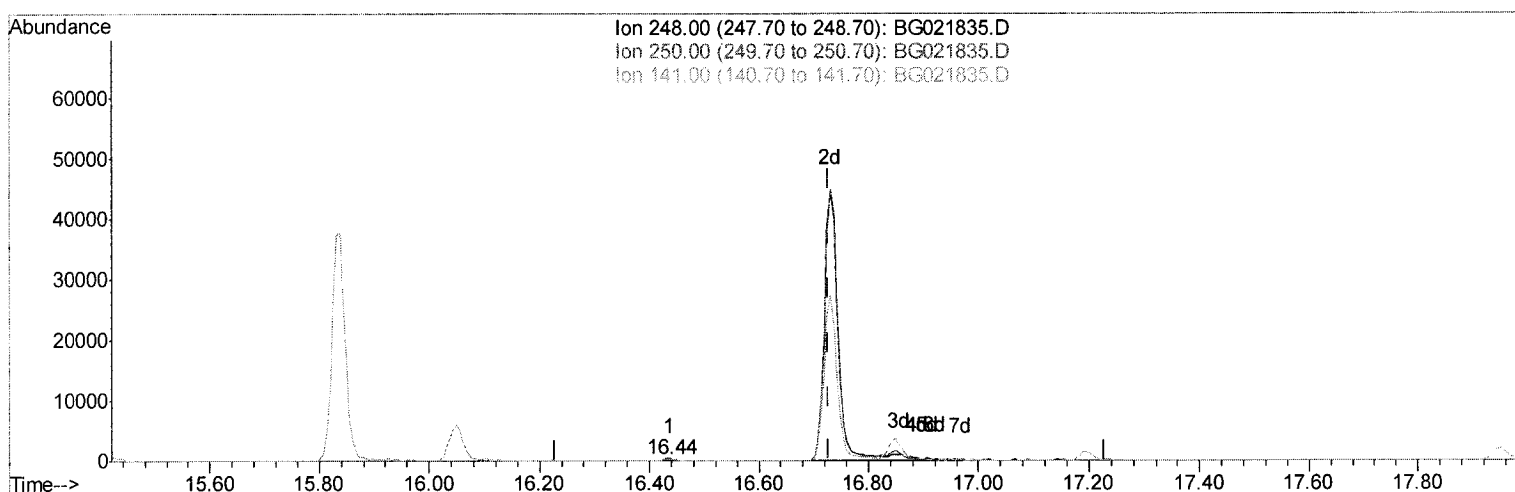
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(66) 4-Bromophenyl-phenylether

16.437min (-0.291) 0.10ng/ul

response 366

Ion	Exp%	Act%
248.00	100	100
250.00	99.30	117.48
141.00	95.70	98.60
0.00	0.00	0.00

Quantitation Report (Qedit)

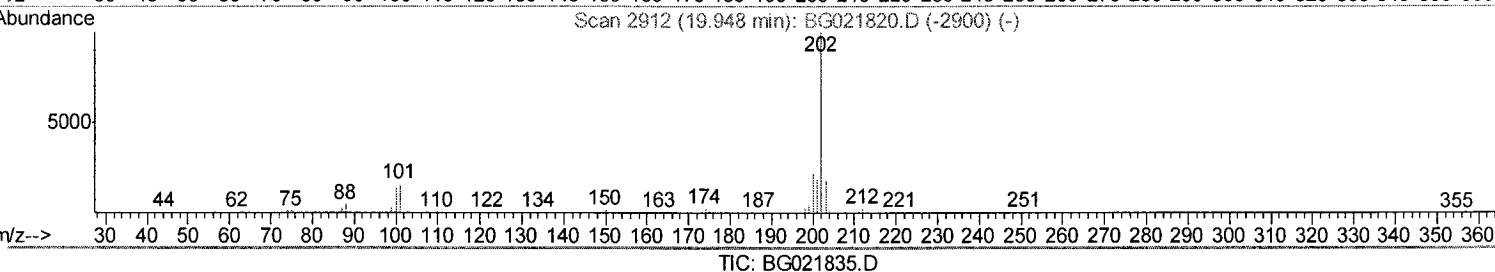
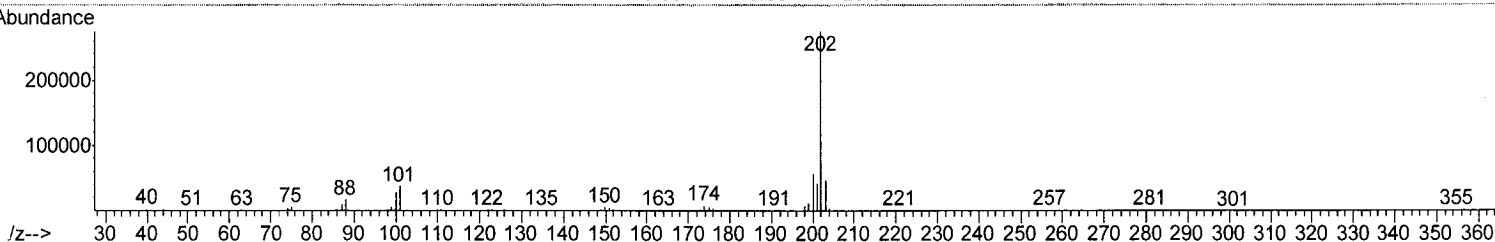
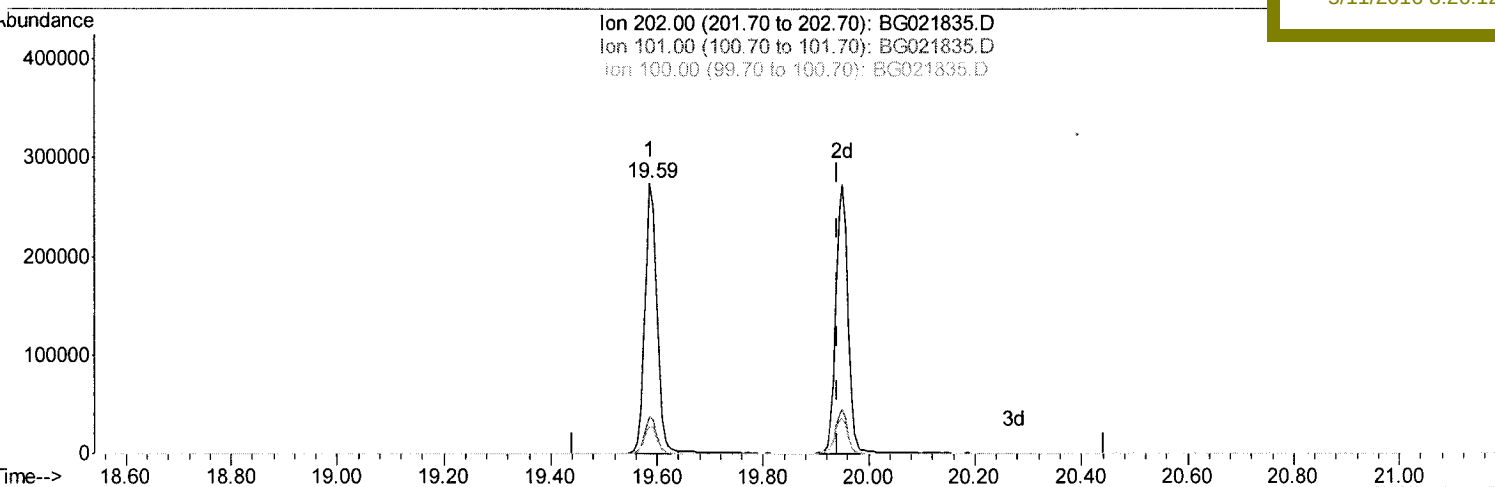
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
Data File : BG021835.D
Acq On : 11 May 2016 3:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations
APPROVED

sohil
5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration



(78) Pyrene

19.586min (-0.356) 21.27ng/ul

response 434267

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.61
100.00	11.60	10.13
0.00	0.00	0.00

Quantitation Report (Qedit)

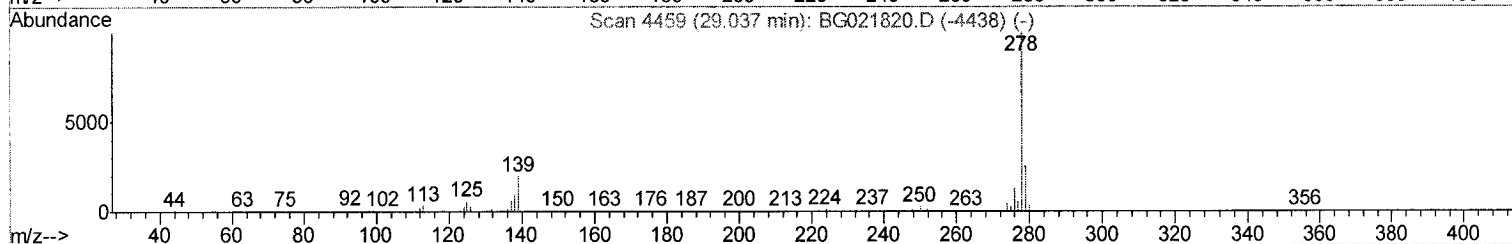
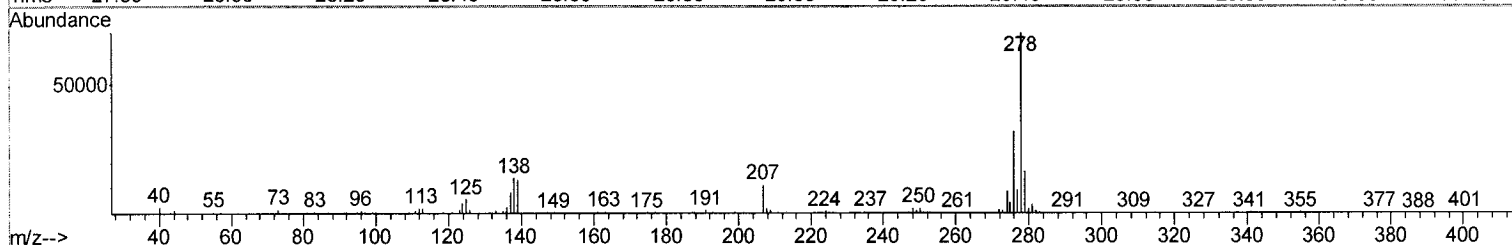
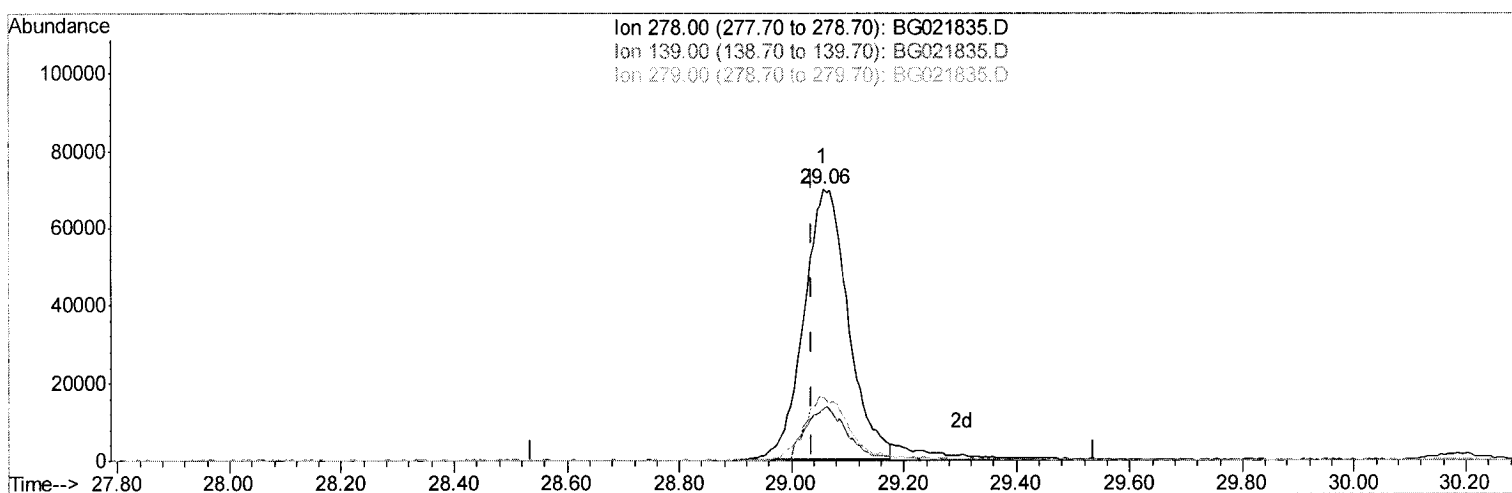
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



TIC: BG021835.D

(91) Dibenzo(a,h)anthracene

29.057min (+0.020) 20.01ng/ul

response 383173

Ion	Exp%	Act%
278.00	100	100
139.00	15.10	18.98#
279.00	24.80	23.17
0.00	0.00	0.00

Quantitation Report (Qedit)

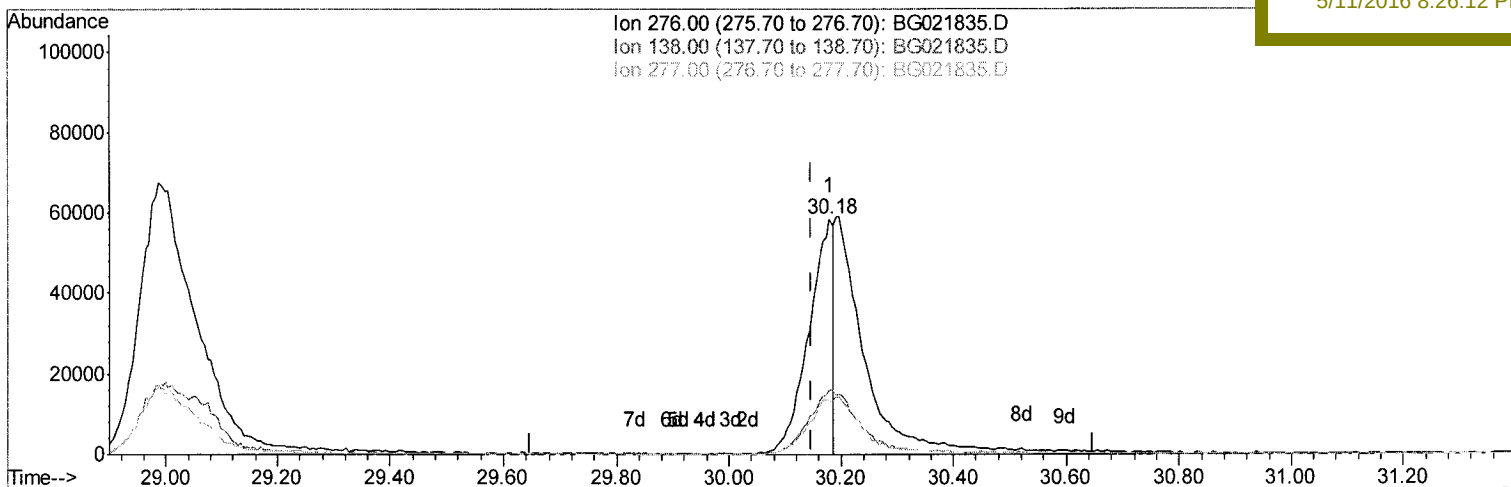
Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 11 19:19:02 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	207624	19.68	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	100169	21.20	ng/ul#	90
38) Hexachlorocyclopentadiene	12.98	237	43306	18.03	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.24	196	66206	29.35	ng/ul	99
40) 2,4,5-Trichlorophenol	13.32	196	72883	23.07	ng/ul	96
41) 1,1'-Biophenyl	13.64	154	274344	20.67	ng/ul	96
42) 2-Chloronaphthalene	13.69	162	209807	20.85	ng/ul	95
43) 2-Nitroaniline	13.89	65	37035	22.37	ng/ul#	26
45) Dimethylphthalate	14.25	163	250489	20.55	ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	53368	22.19	ng/ul#	63
48) Acenaphthylene	14.53	152	361691	20.75	ng/ul	98
49) 3-Nitroaniline	14.72	138	58685m	21.52	ng/ul	
50) Acenaphthene	14.87	153	244936	20.25	ng/ul	97
51) 2,4-Dinitrophenol	14.91	184	16246	29.79	ng/ul#	56
53) 4-Nitrophenol	15.01	109	19699m	21.08	ng/ul	
54) Dibenzofuran	15.20	168	317955	19.61	ng/ul#	81
55) 2,4-Dinitrotoluene	15.16	165	72950	21.91	ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.42	232	61221	27.45	ng/ul#	87
57) Diethylphthalate	15.60	149	254308	21.40	ng/ul	99
59) Fluorene	15.85	166	270818	19.31	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	123502	19.51	ng/ul#	88
61) 4-Nitroaniline	15.87	138	57065	18.32	ng/ul#	49
64) 4,6-Dinitro-2-methylphenol	15.92	198	30696	27.95	ng/ul#	78
65) N-Nitrosodiphenylamine	16.05	169	222821	20.98	ng/ul	93
66) 4-Bromophenyl-phenylether	16.73	248	75790m	19.90	ng/ul	
67) Hexachlorobenzene	16.85	284	91065	20.75	ng/ul#	82
68) Atrazine	16.99	200	75305	24.67	ng/ul	99
69) Pentachlorophenol	17.19	266	48393	28.86	ng/ul	93
70) Phenanthrene	17.59	178	400890	20.16	ng/ul	96
72) Anthracene	17.68	178	410672	20.33	ng/ul	99
73) Carbazole	17.95	167	360401	20.58	ng/ul#	96
74) Di-n-butylphthalate	18.49	149	439512	27.61	ng/ul#	97
75) Fluoranthene	19.59	202	434267	19.22	ng/ul#	95
78) Pvrene	19.95	202	447997m	21.94	ng/ul	
79) Butylbenzylphthalate	20.82	149	178966	39.65	ng/ul#	83
80) 3,3'-Dichlorobenzidine	21.72	252	143914	24.68	ng/ul	99
81) Benzo(a)anthracene	21.81	228	402020	20.47	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	273905	37.17	ng/ul	95
83) Chrysene	21.88	228	383295	19.73	ng/ul	97
85) Di-n-octyl phthalate	22.95	149	459471	32.71	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	400674	20.55	ng/ul#	97
87) Benzo(k)fluoranthene	24.17	252	385458	18.46	ng/ul#	95
89) Benzo(a)pyrene	25.02	252	392354	20.21	ng/ul#	97
90) Indeno(1,2,3-cd)pyrene	28.99	276	473437	20.58	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.06	278	396548m	20.71	ng/ul	
92) Benzo(g,h,i)perylene	30.20	276	388427m	20.45	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA G\Data\BG051016\
 Data File : BG021835.D
 Acq On : 11 May 2016 3:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02015

Quant Time: May 11 07:07:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:26:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	57366	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	288069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	170357	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	363771	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	352957	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	340710	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	8740m	7.35	ng/uL	0.00
5) Phenol-d5	7.33	99	85291	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	42975	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	78281	23.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	76315	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41855	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	40442	33.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	81192	24.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	108427m	29.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	247422	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	350303	20.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42323	20.63	ng/ul	0.00
58) Fluorene-d10	15.79	176	243745	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	27829	27.62	ng/ul	0.00
71) Anthracene-d10	17.65	188	341116	19.26	ng/ul	0.00
77) Pyrene-d10	19.92	212	346520	20.97	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	321248	19.84	ng/ul	0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.61	88	14732	6.69	ng/uL# 65
4) Benzaldehyde	7.32	77	48658m	105.16	ng/ul
6) Phenol	7.36	94	89628	19.80	ng/ul# 72
8) Bis(2-Chloroethyl)ether	7.59	93	67491	18.31	ng/ul# 77
10) 2-Chlorophenol	7.75	128	80179	24.07	ng/ul# 76
11) 2-Methylphenol	8.62	108	74032	20.80	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.72	45	67050	20.72	ng/ul# 83
14) Acetophenone	9.01	105	111913	19.00	ng/ul# 71
15) N-Nitroso-di-n-propylamine	8.99	70	52875	19.87	ng/ul# 72
16) 4-Methylphenol	8.95	108	81129	20.64	ng/ul 87
17) Hexachloroethane	9.27	117	28643	19.42	ng/ul 92
20) Nitrobenzene	9.40	77	75517	20.63	ng/ul# 68
21) Isophorone	9.92	82	163681	19.25	ng/ul# 89
23) 2-Nitrophenol	10.11	139	42587	29.51	ng/ul# 61
24) 2,4-Dimethylphenol	10.16	107	82168	22.75	ng/ul# 74
25) Bis(2-Chloroethoxy)methane	10.40	93	95592	18.72	ng/ul# 96
27) 2,4-Dichlorophenol	10.64	162	81280m	23.58	ng/ul
28) Naphthalene	11.05	128	284743	19.71	ng/ul 99
30) 4-Chloroaniline	11.16	127	103340	28.01	ng/ul 96
31) Hexachlorobutadiene	11.33	225	46250	19.88	ng/ul 98
32) Caprolactam	11.92	113	30181	20.71	ng/ul# 45
33) 4-Chloro-3-methylphenol	12.27	107	78777	22.61	ng/ul# 66
34) 2-Methylnaphthalene	12.65	142	209174	19.67	ng/ul 98