

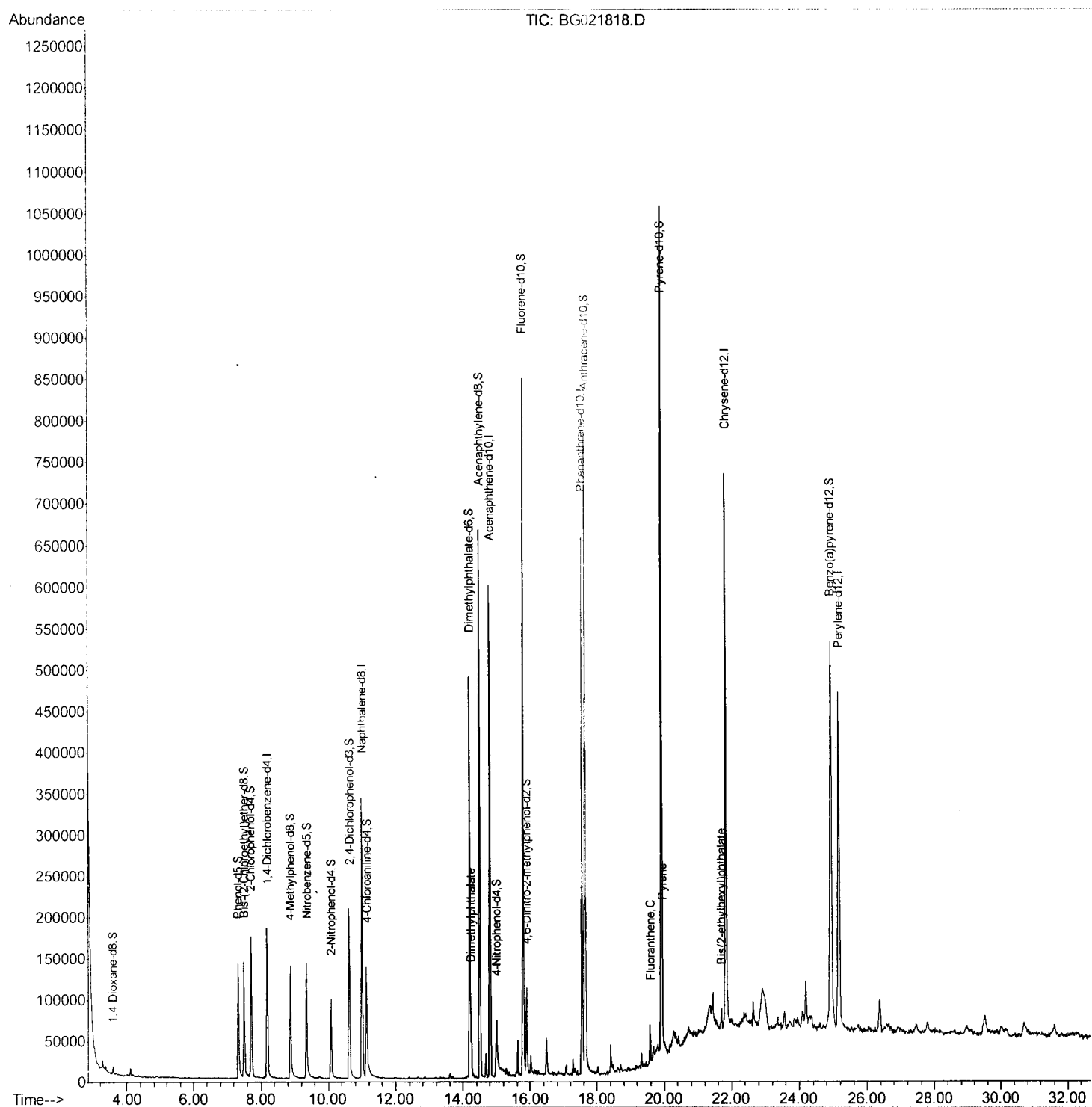
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021818.D
Acq On : 10 May 2016 16:03
Operator : UM/SJ
Sample : H2938-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA7

Manual Integrations
APPROVED

sohil
5/11/2016 8:28:28 PM

Quant Time: May 11 05:06:17 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



Quantitation Report (Qedit)

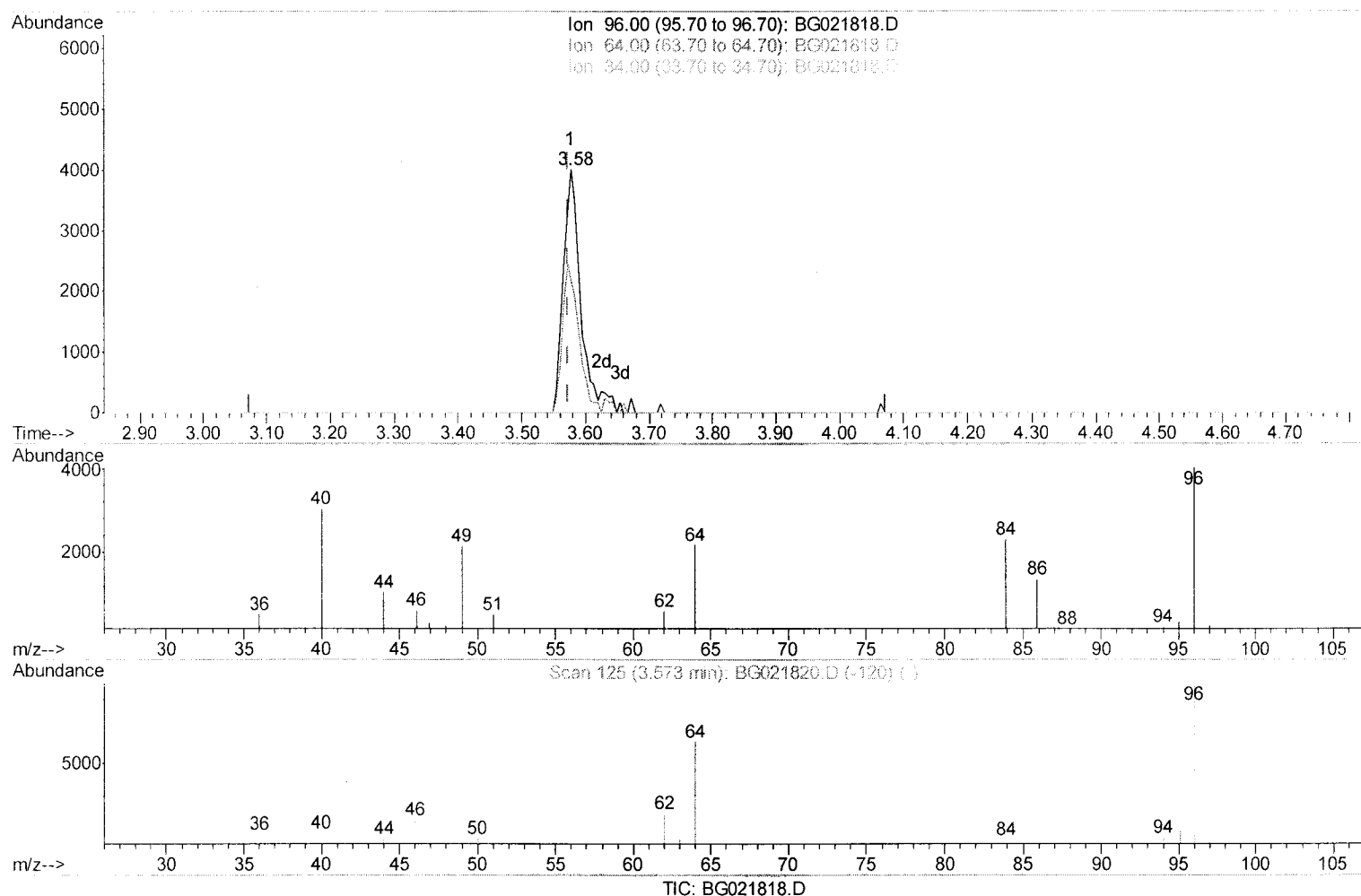
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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)

3.578min (+0.005) 4.89ng/uL m

response 7695

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	54.31
34.00	0.00	0.00
0.00	0.00	0.00

V.M
 05/13/16

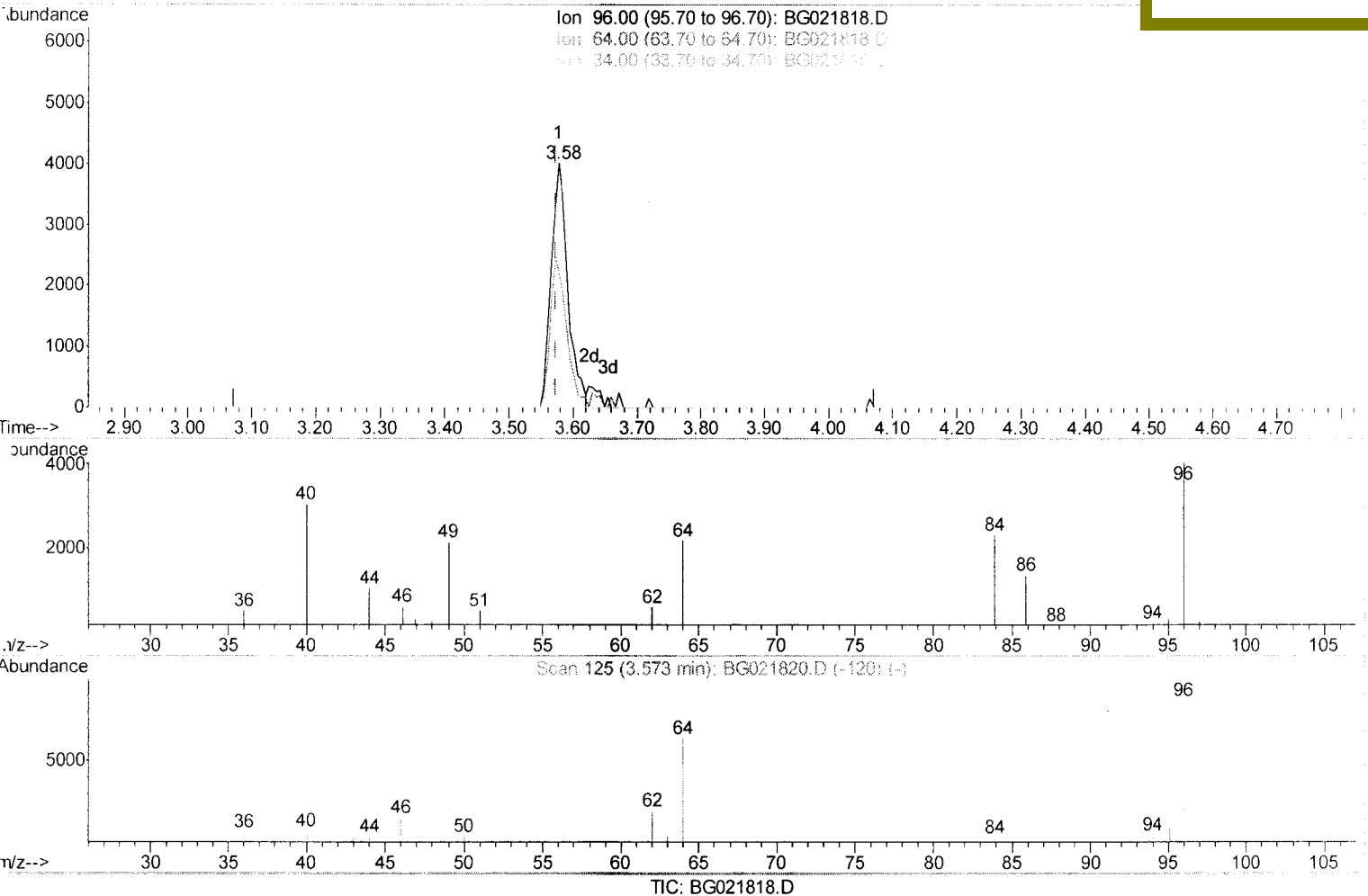
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021818.D
Acq On : 10 May 2016 16:03
Operator : UM/SJ
Sample : H2938-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA7

Quant Time: May 11 19:42:13 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
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(3) 1,4-Dioxane-d8 (S)

3.578min (+0.005) 4.62ng/uL

response 7272

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	54.31
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

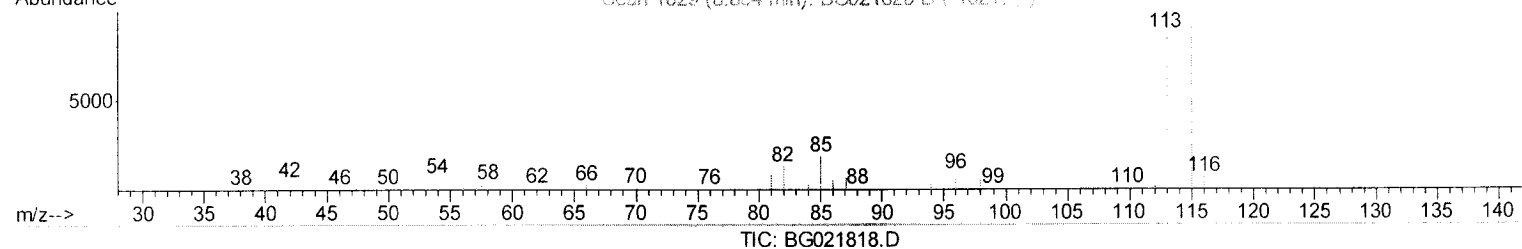
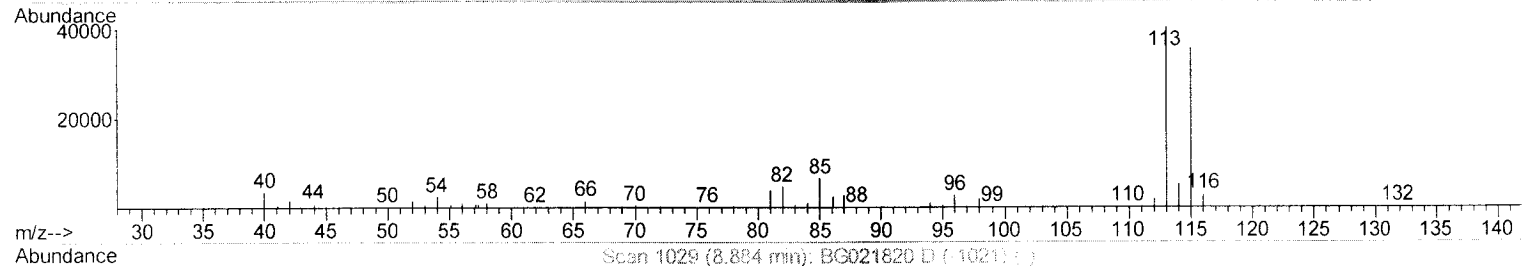
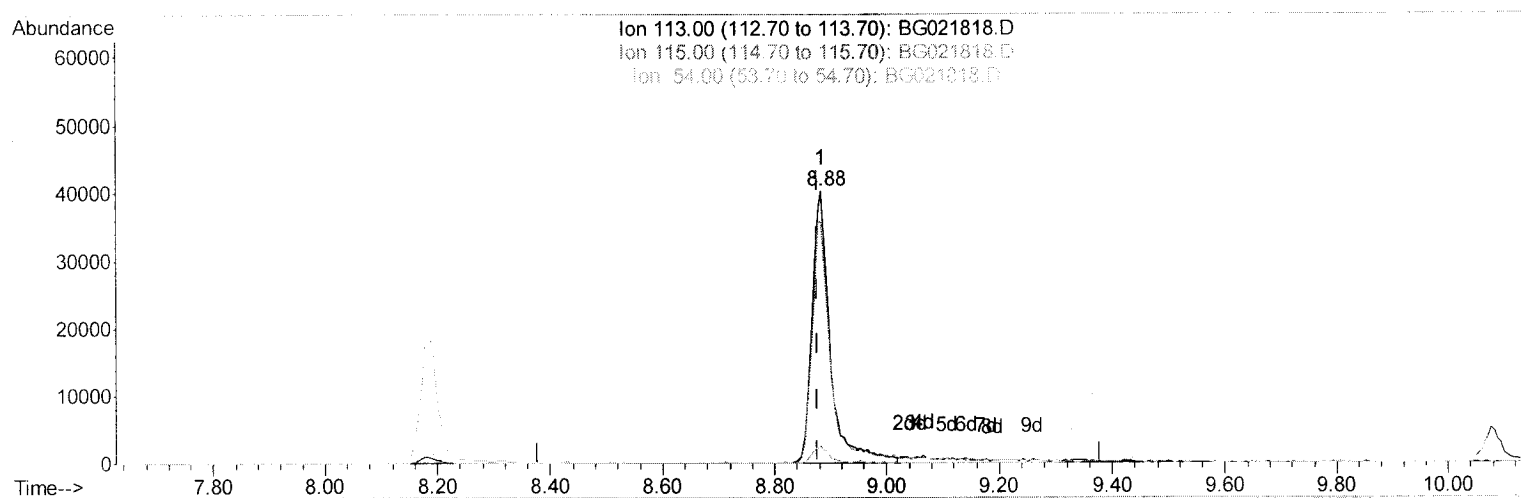
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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



(13) 4-Methylphenol-d8 (S)

8.883min (+0.005) 19.17ng/ul m *U.M*
05/13/16
 response 90708

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	88.56
54.00	18.70	6.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

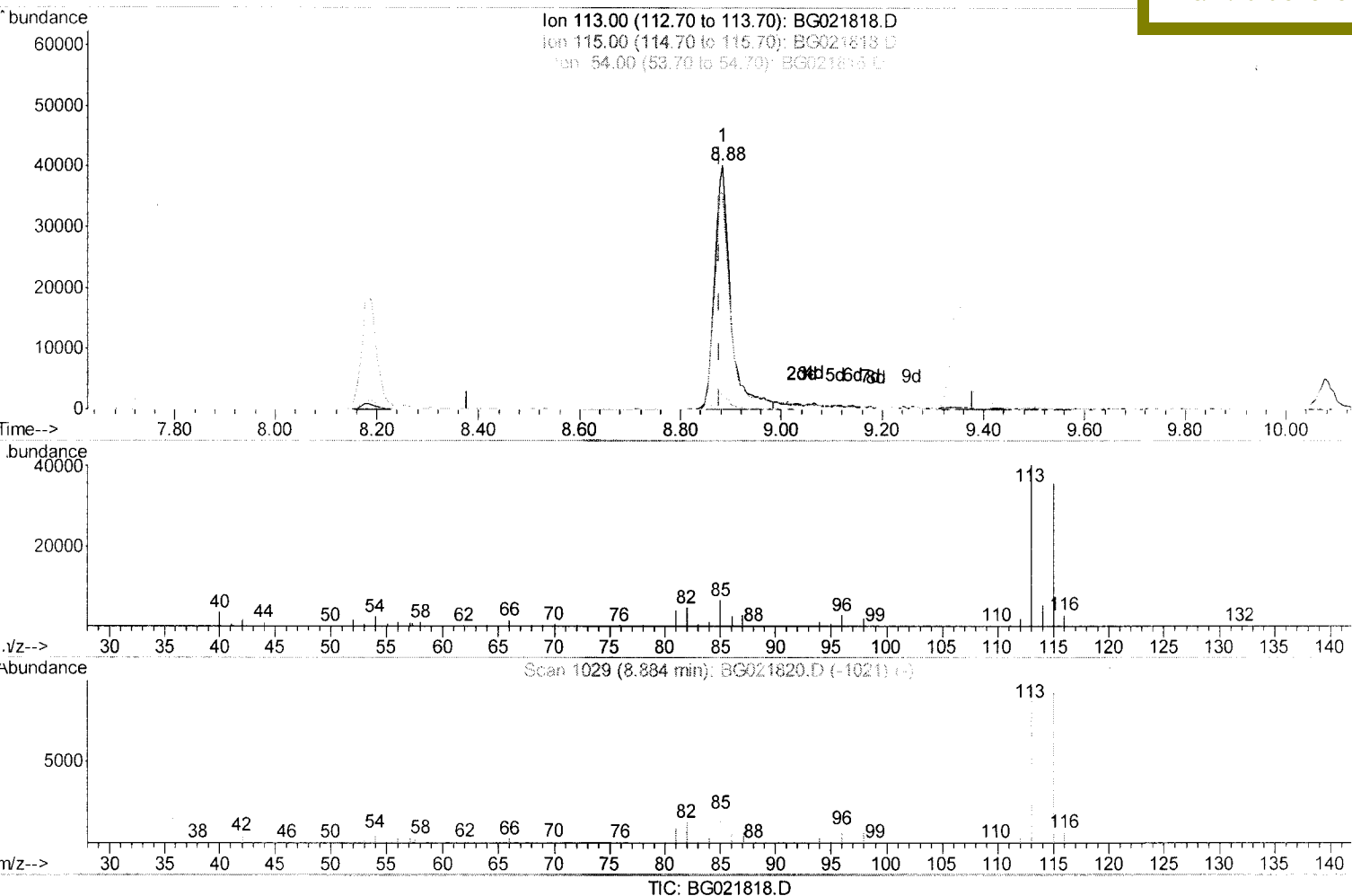
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Quant Time: May 11 19:42:13 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
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(13) 4-Methylphenol-d8 (S)

8.883min (+0.005) 18.72ng/ul

response 88592

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	88.56
54.00	18.70	6.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

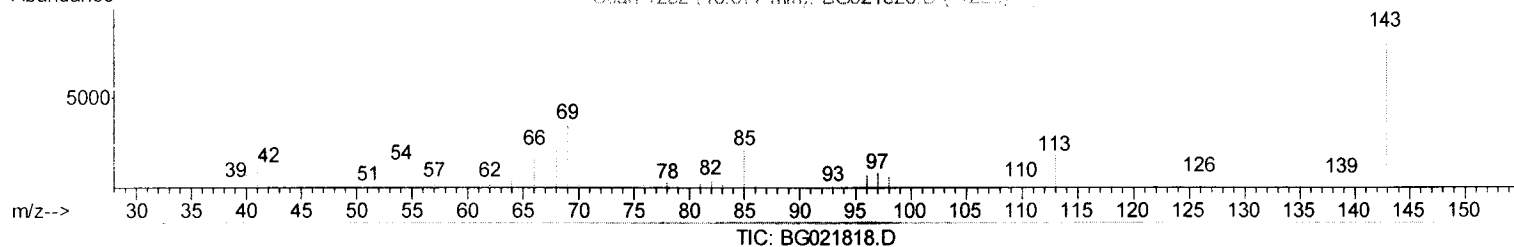
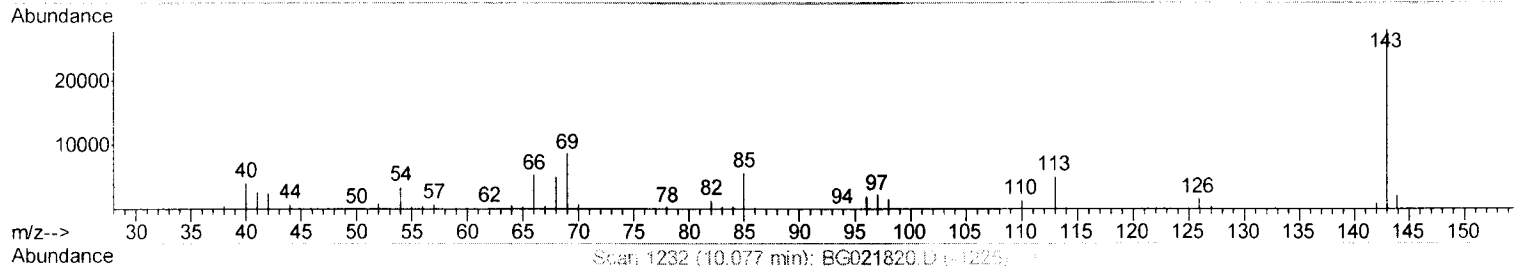
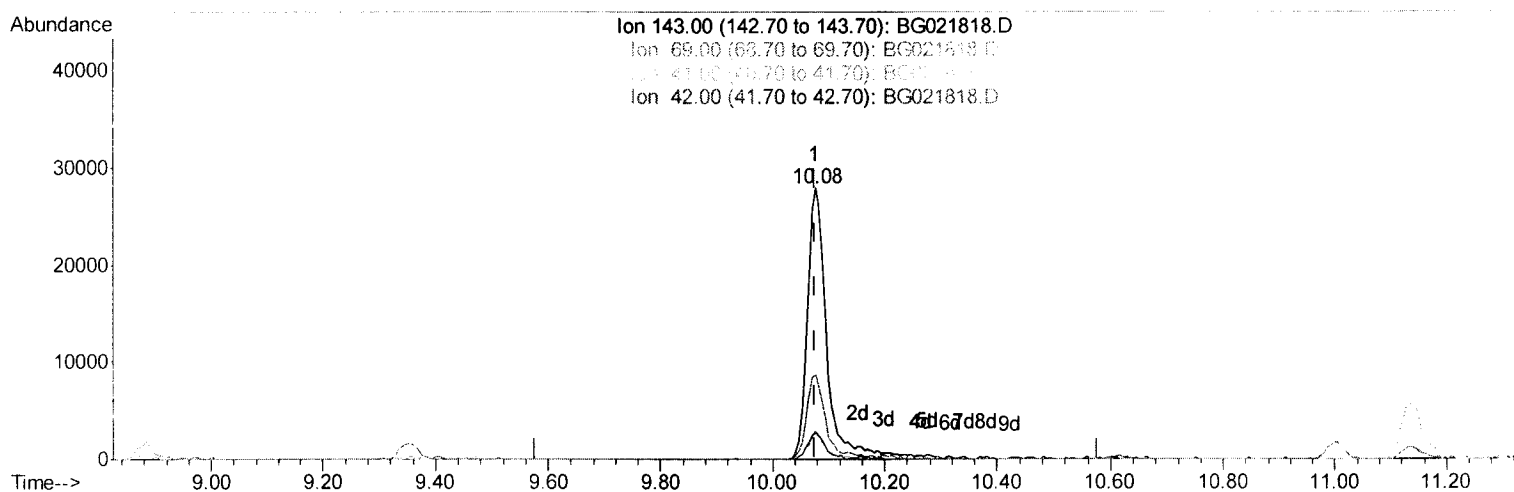
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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



(22) 2-Nitrophenol-d4 (S)

10.076min (-0.001) 39.16ng/ul m U.M

response 65196

05/13/16

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.12#
41.00	34.20	10.37#
42.00	33.20	9.45#

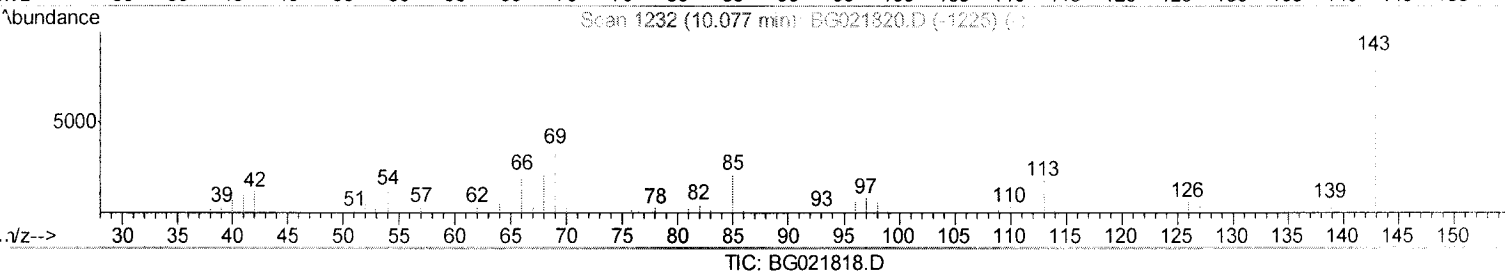
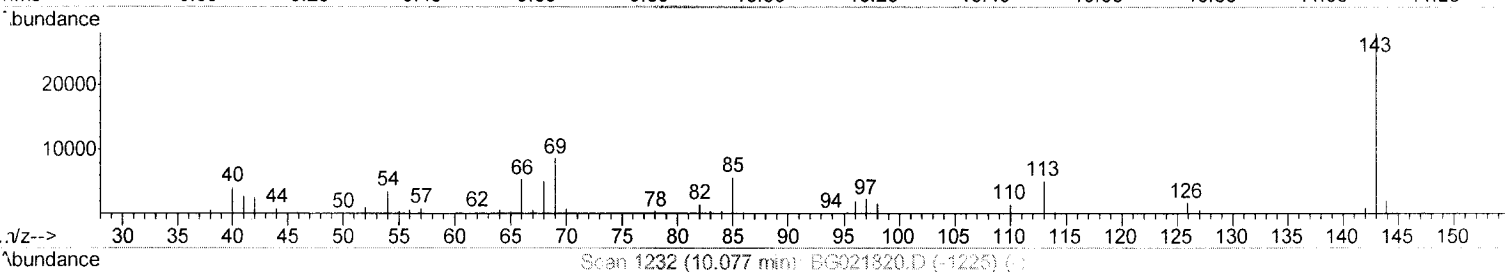
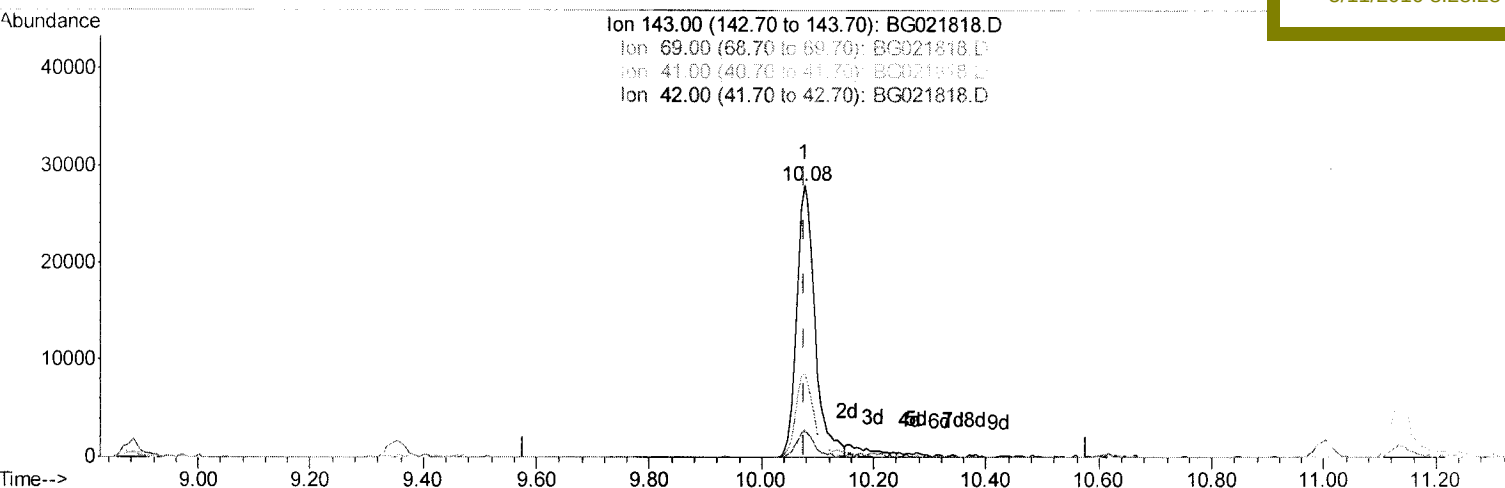
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021818.D
Acq On : 10 May 2016 16:03
Operator : UM/SJ
Sample : H2938-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
D9XA7

Quant Time: May 11 19:42:13 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
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(22) 2-Nitrophenol-d4 (S)

10.076min (-0.001) 37.57ng/ul

response 62553

Ion	Exp%	Act%
143.00	100	100
69.00	76.10	31.12#
41.00	34.20	10.37#
42.00	33.20	9.45#

Quantitation Report (Qedit)

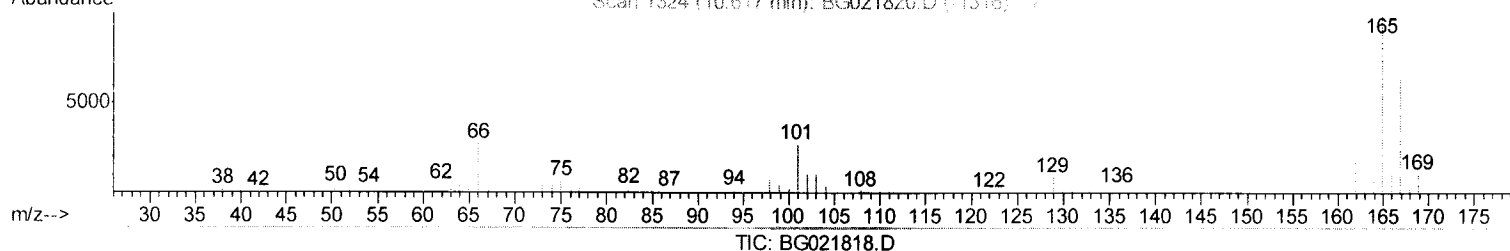
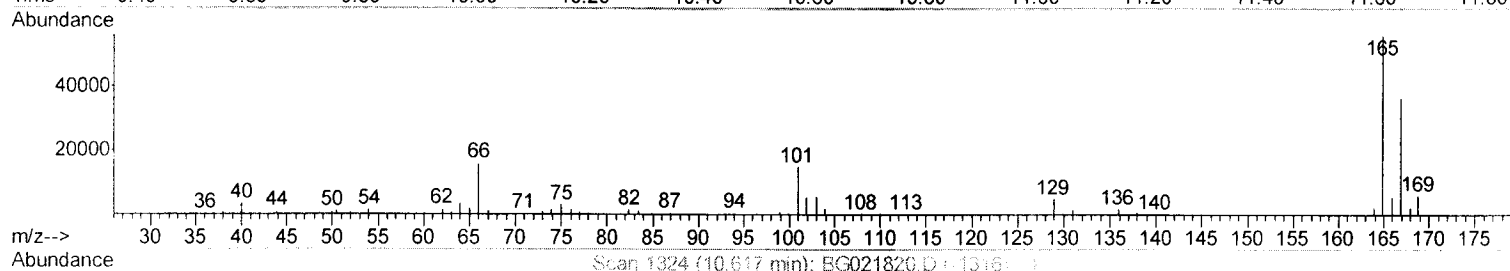
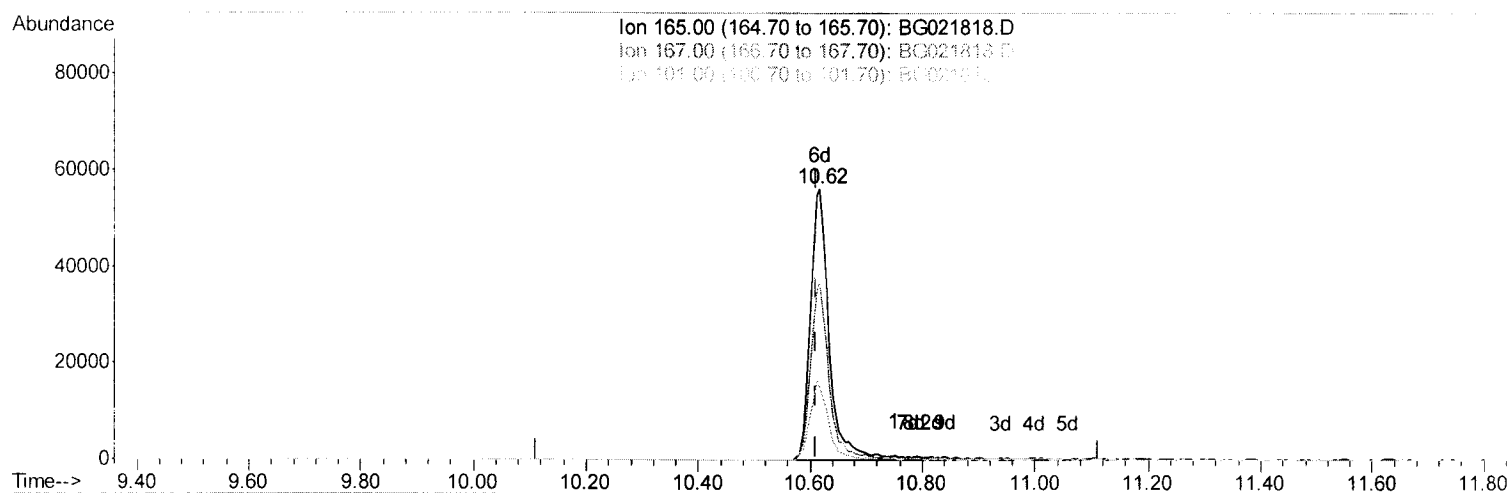
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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



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

10.617min (+0.005) 27.41ng/ul m

response 129020

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	65.49
101.00	41.00	26.81#
0.00	0.00	0.00

U.M
 05/13/16

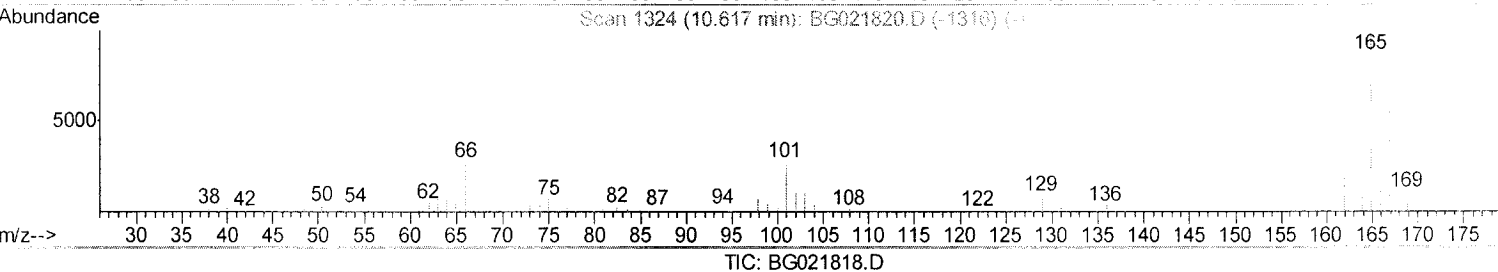
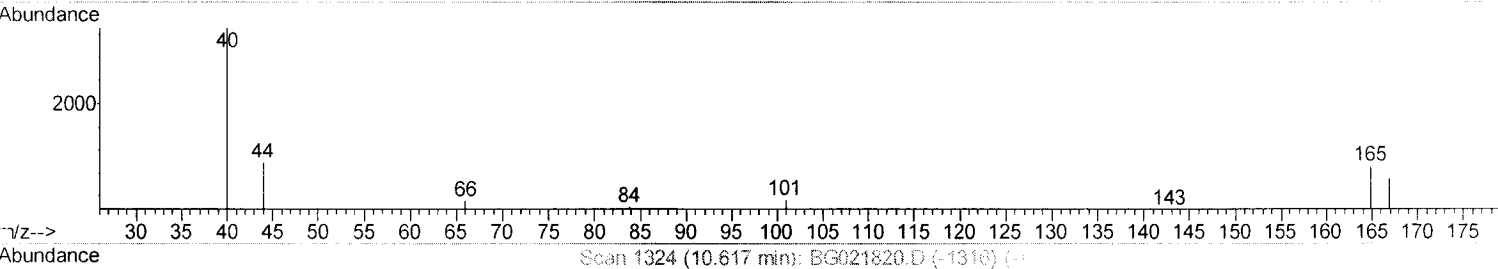
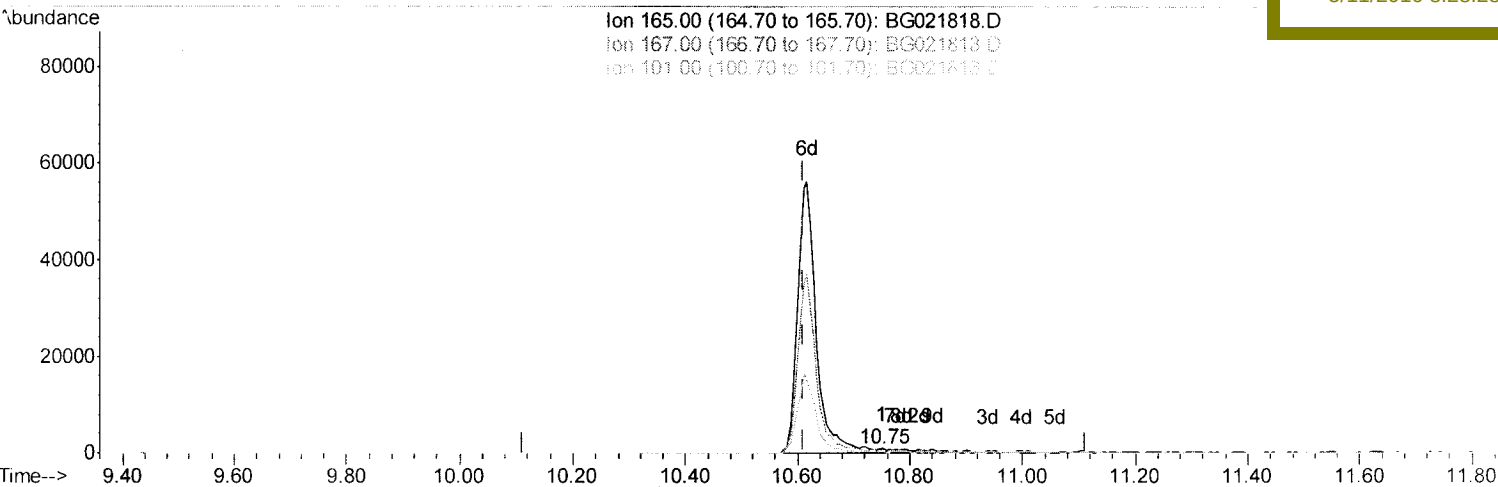
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Quant Time: May 11 19:42:13 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
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(26) 2,4-Dichlorophenol-d3 (S)

10.752min (+0.140) 0.16ng/ul

response 753

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	77.52
101.00	41.00	36.05
0.00	0.00	0.00

Quantitation Report (Qedit)

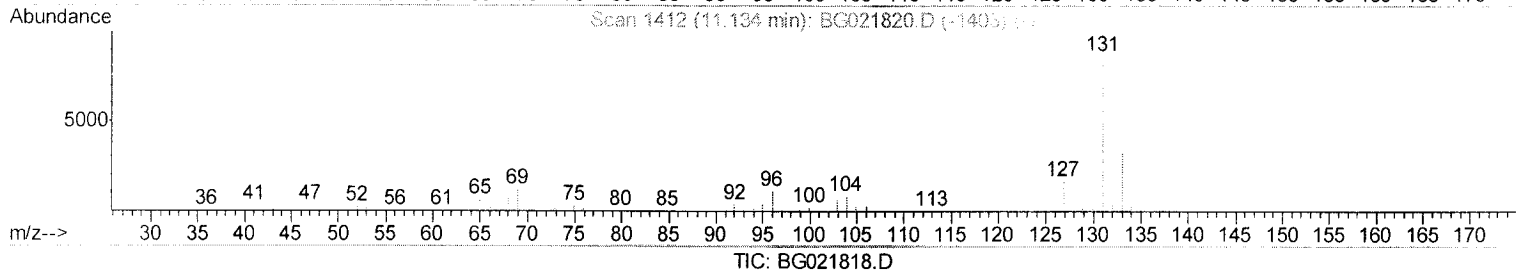
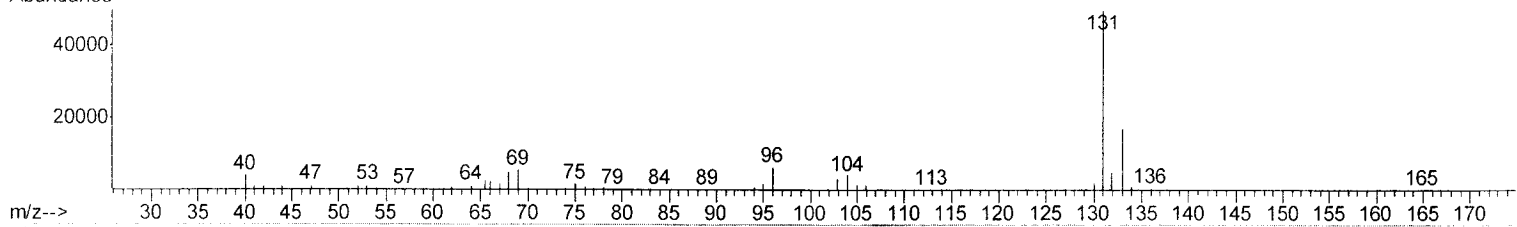
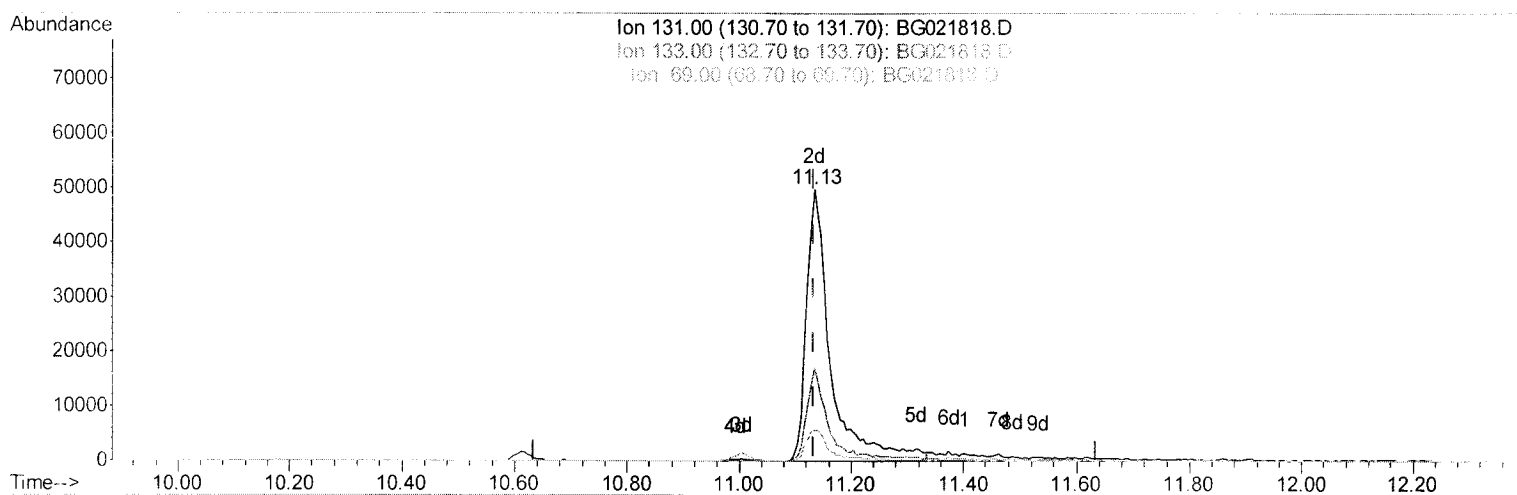
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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



(29) 4-Chloroaniline-d4 (S)

11.134min (-0.001) 29.53ng/ul m *U.M*
05/13/16
 response 149757

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.17
69.00	23.00	11.15#
0.00	0.00	0.00

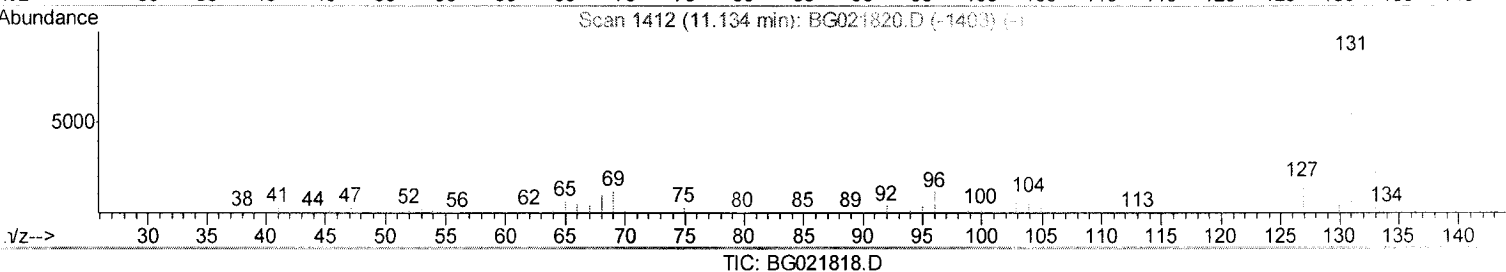
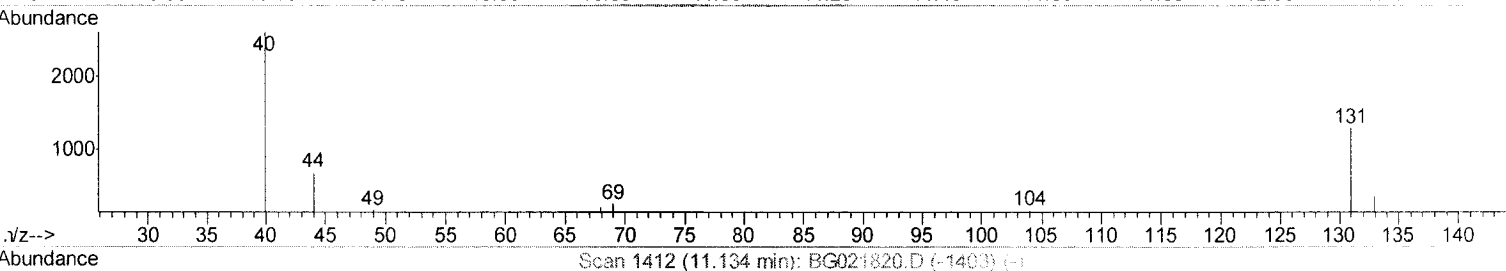
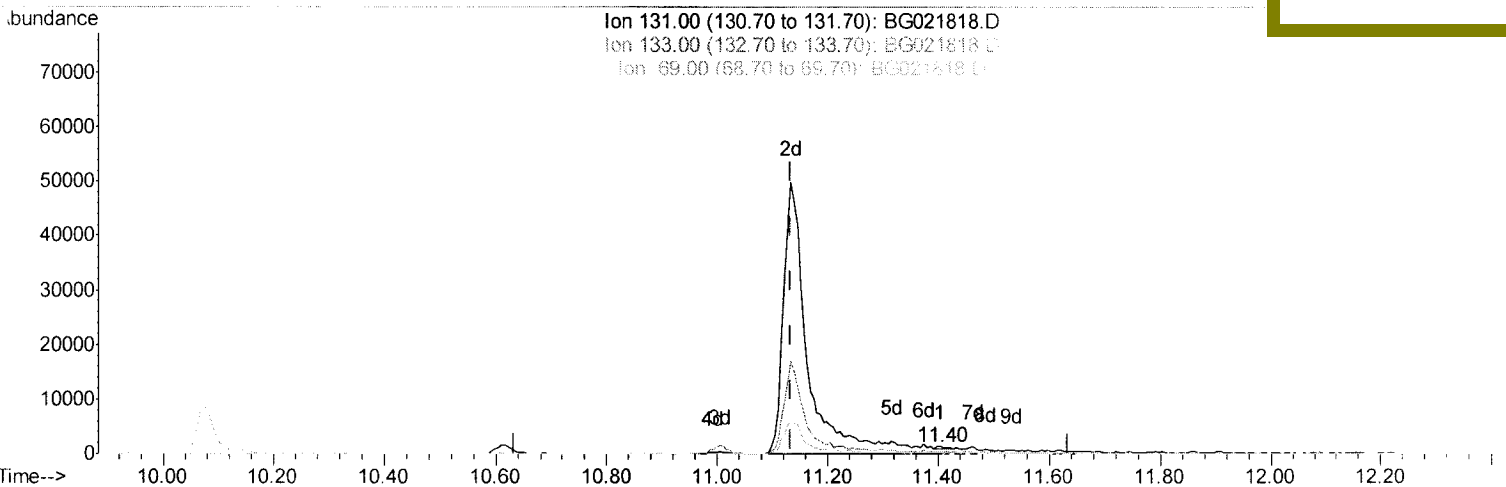
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021818.D
Acq On : 10 May 2016 16:03
Operator : UM/SJ
Sample : H2938-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA7

Quant Time: May 11 19:42:13 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
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(29) 4-Chloroaniline-d4 (S)

11.404min (+0.269) 0.11ng/ul

response 572

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	28.74
69.00	23.00	20.48
0.00	0.00	0.00

Quantitation Report (Qedit)

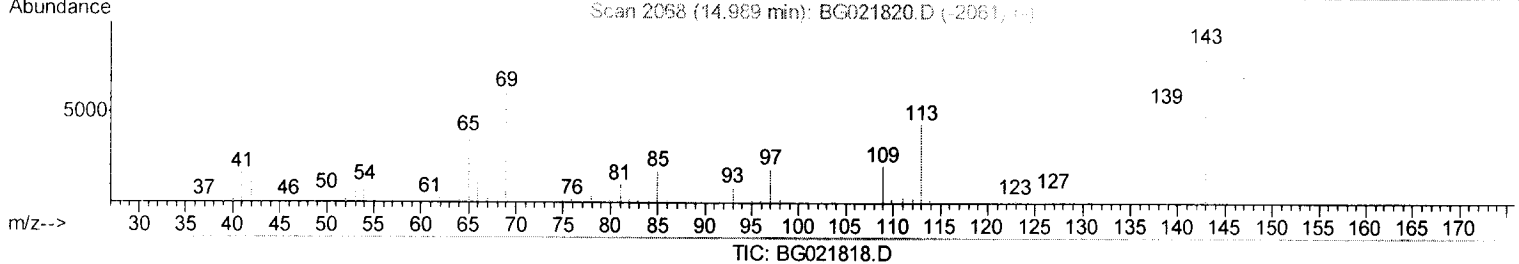
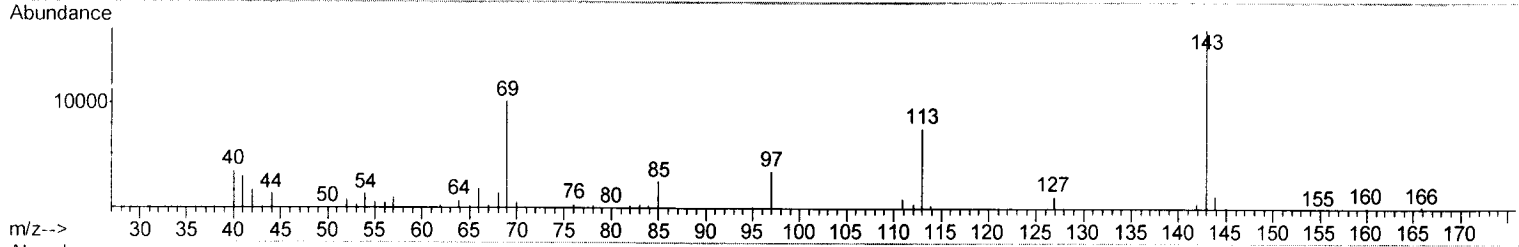
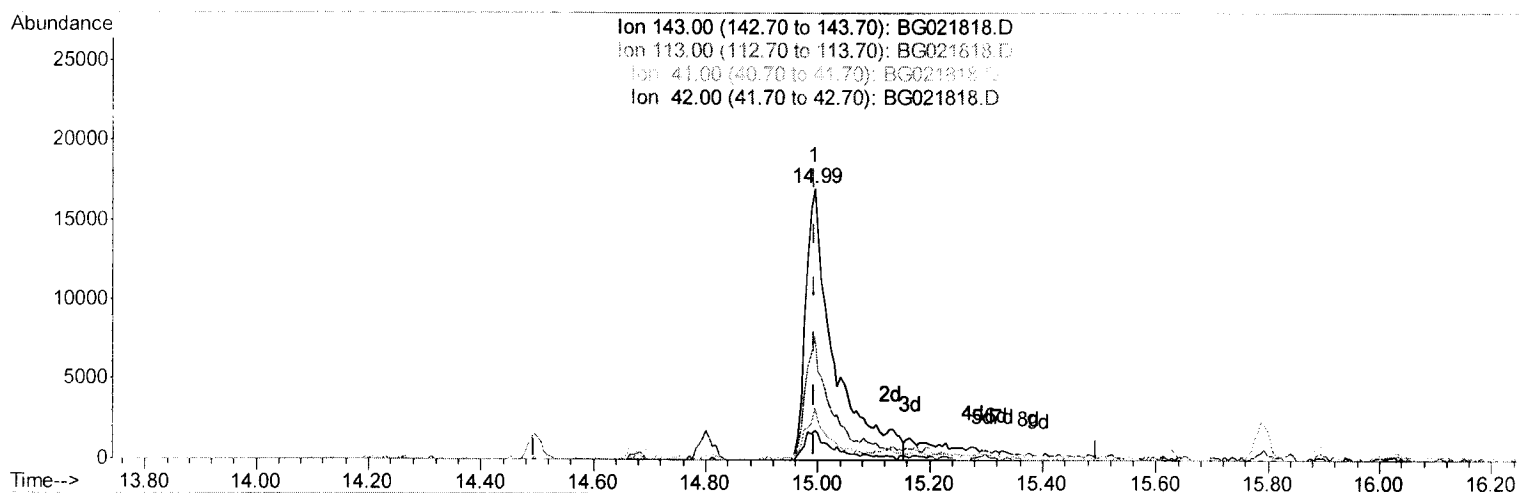
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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



(52) 4-Nitrophenol-d4 (S)

14.994min (-0.001) 21.60ng/ul m U.M

response 60381

05/13/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	45.26#
41.00	49.70	18.95#
42.00	33.70	11.10#

Quantitation Report (Qedit)

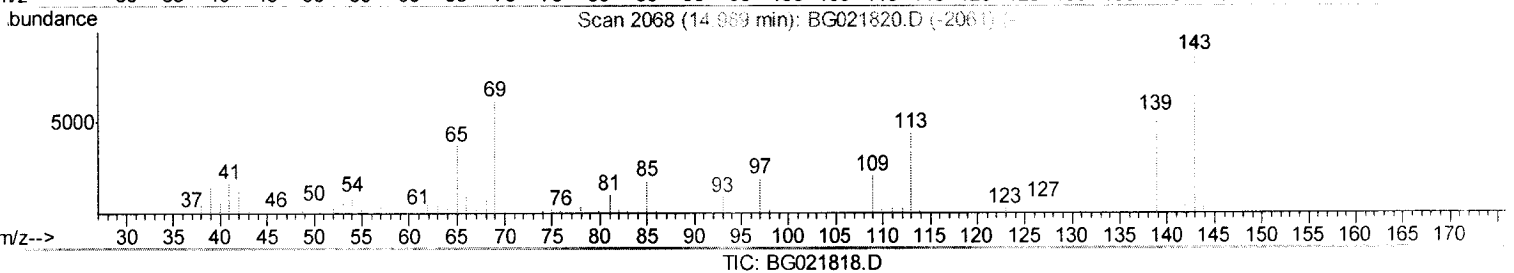
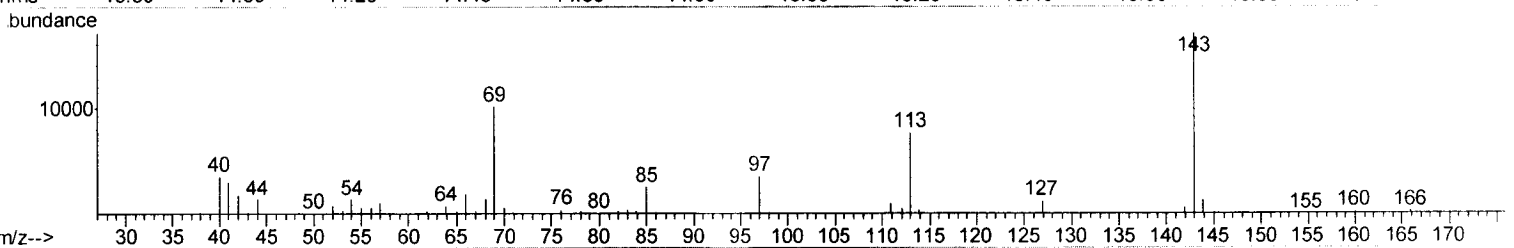
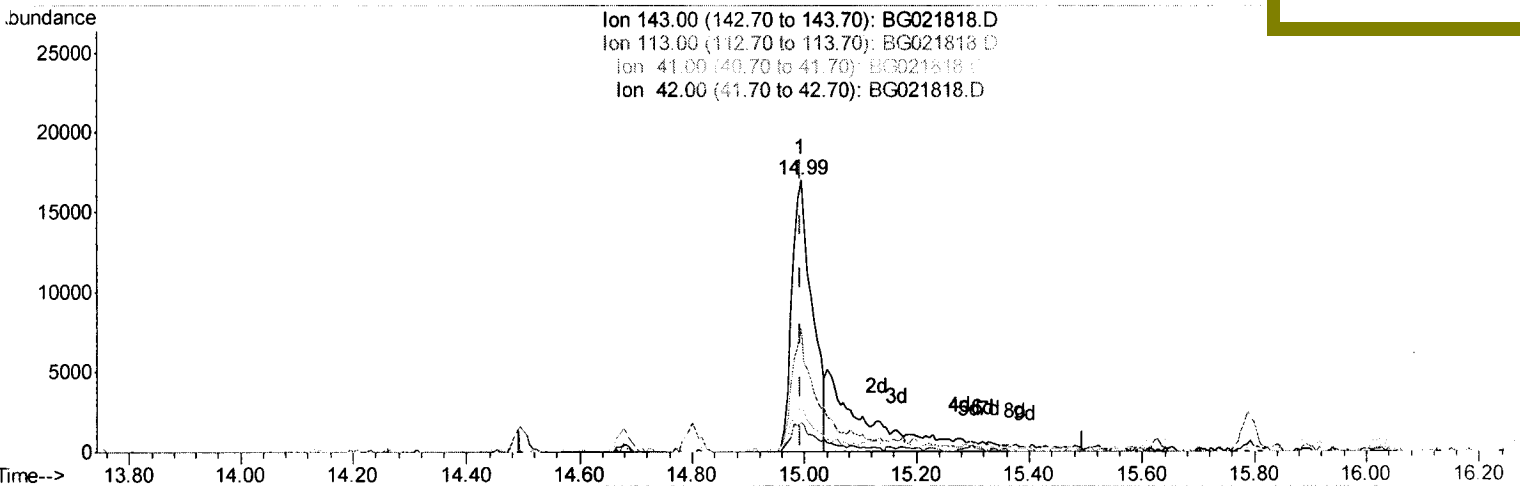
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021818.D
Acq On : 10 May 2016 16:03
Operator : UM/SJ
Sample : H2938-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA7

Manual Integrations
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Quant Time: May 11 19:42:13 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



(52) 4-Nitrophenol-d4 (S)

14.994min (-0.001) 15.20ng/ul

response 42491

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	45.26#
41.00	49.70	18.95#
42.00	33.70	11.10#

Quantitation Report (Qedit)

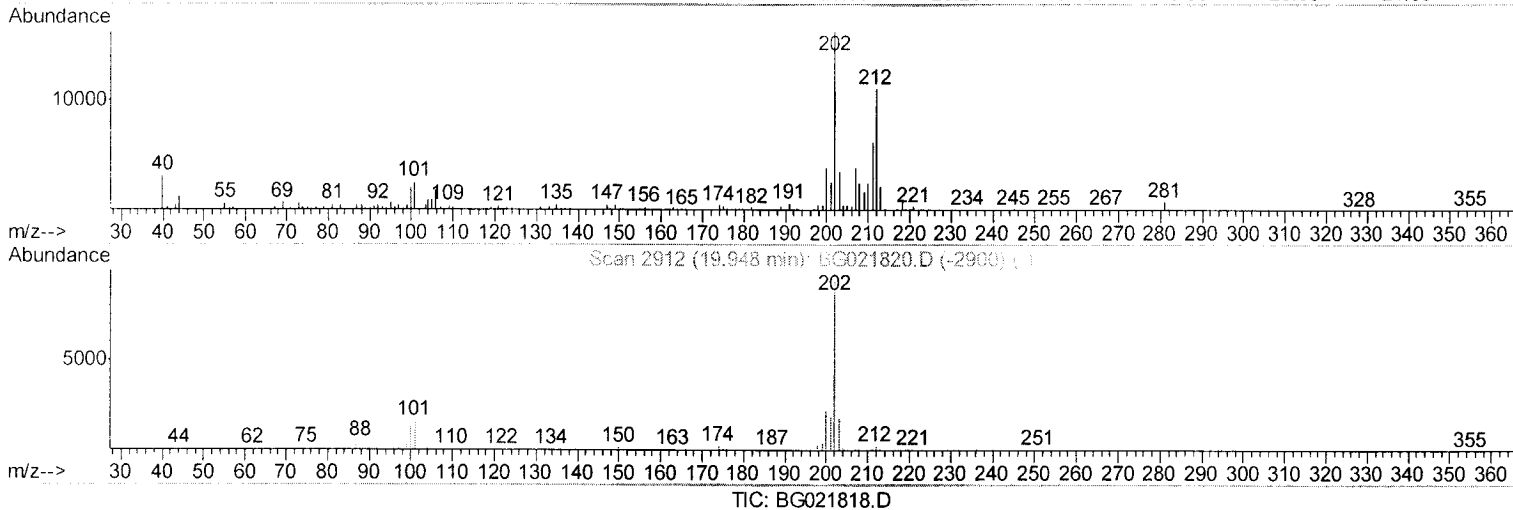
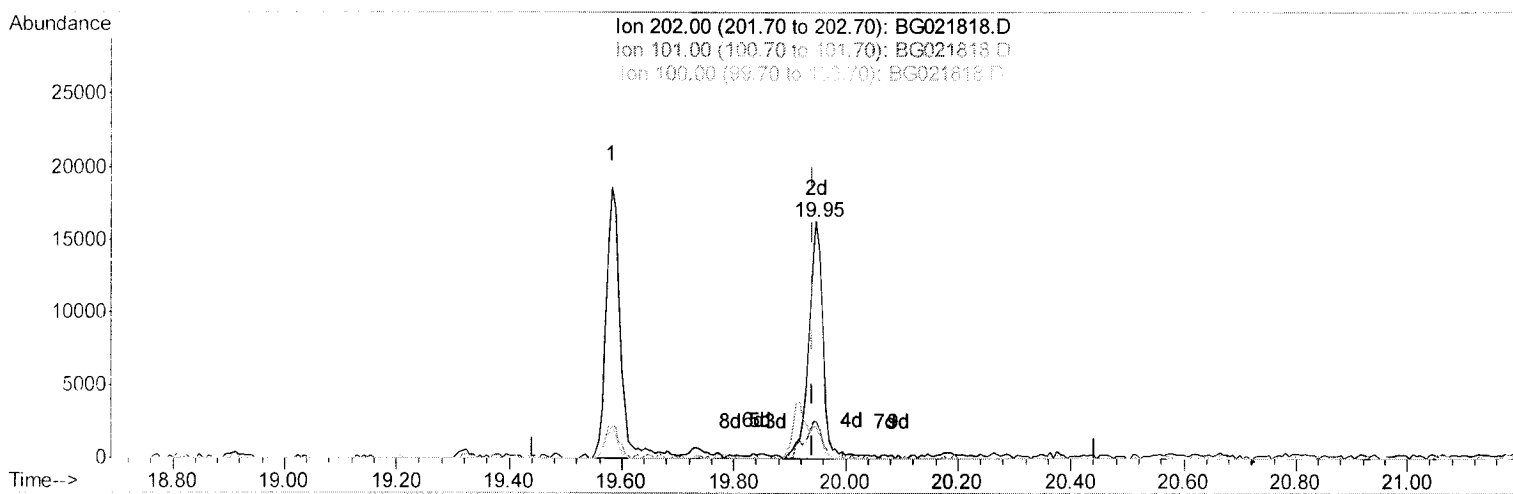
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Manual Integrations
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Quant Time: May 11 05:06:17 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

19.947min (+0.005) 1.05ng/ul m U.M

response 28068

05/13/16

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.89#
100.00	11.60	13.39
0.00	0.00	0.00

Quantitation Report (Qedit)

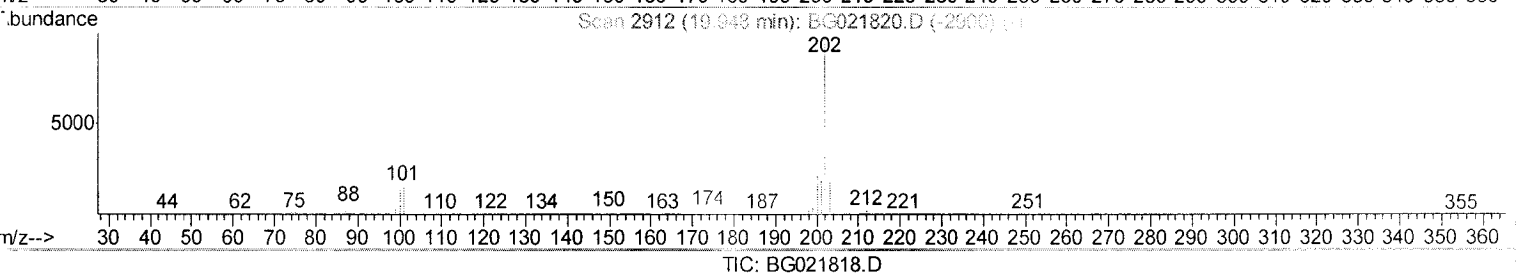
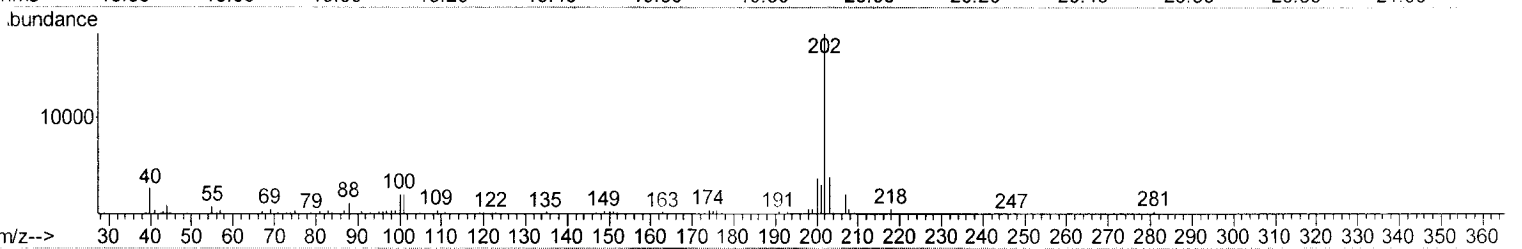
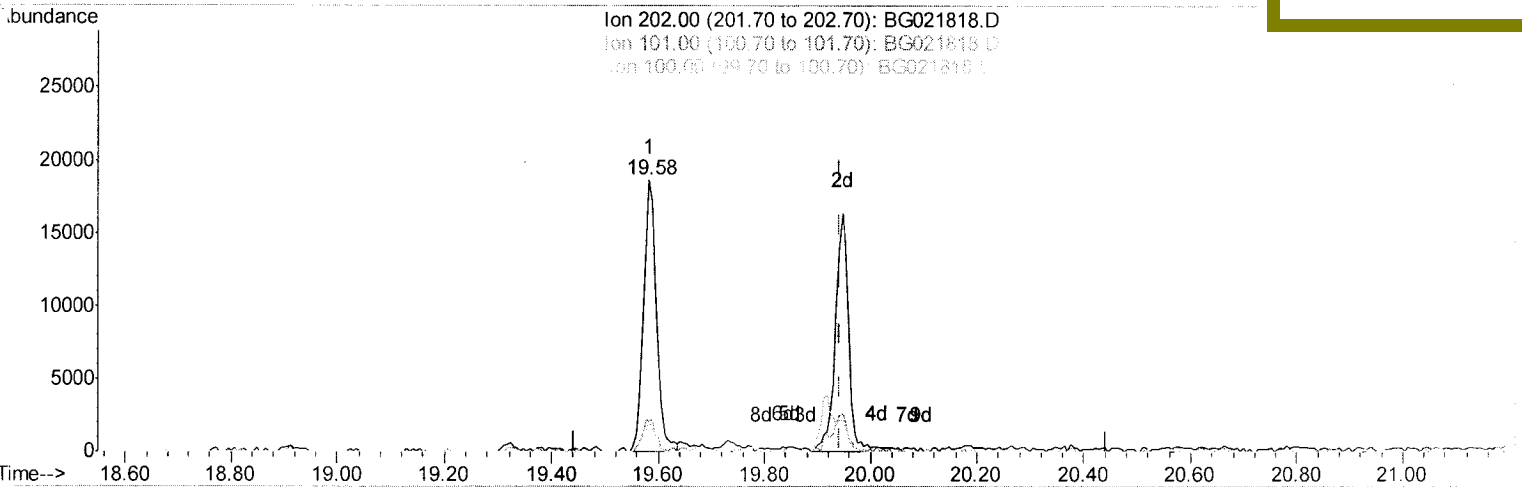
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Quant Time: May 11 19:42:13 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
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TIC: BG021818.D

(78) Pyrene

19.583min (-0.359) 1.17ng/ul

response 31195

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	11.47
100.00	11.60	11.89
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 D9XA7

Quant Time: May 11 05:06:17 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75921	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	400946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	232168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	473825	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	462507	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	464438	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	7695m	4.89	ng/uL	0.00
5) Phenol-d5	7.33	99	141784	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	74687	26.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	129611	29.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	90708m	19.17	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	70079	26.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	65196m	39.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	129020m	27.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	149757m	29.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	444125	27.23	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	606264	26.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	60381m	21.60	ng/ul	0.00
58) Fluorene-d10	15.79	176	407978	23.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39326	29.96	ng/ul	0.00
71) Anthracene-d10	17.64	188	554431	24.04	ng/ul	0.00
77) Pyrene-d10	19.92	212	601145	27.77	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	553171	25.07	ng/ul	0.00

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Target Compounds

						Qvalue
45) Dimethylphthalate	14.25	163	72229	4.35	ng/ul	98
75) Fluoranthene	19.58	202	31195	1.06	ng/ul#	96
78) Pyrene	19.95	202	28068m	1.05	ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.70	149	11904	1.23	ng/ul	97

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