

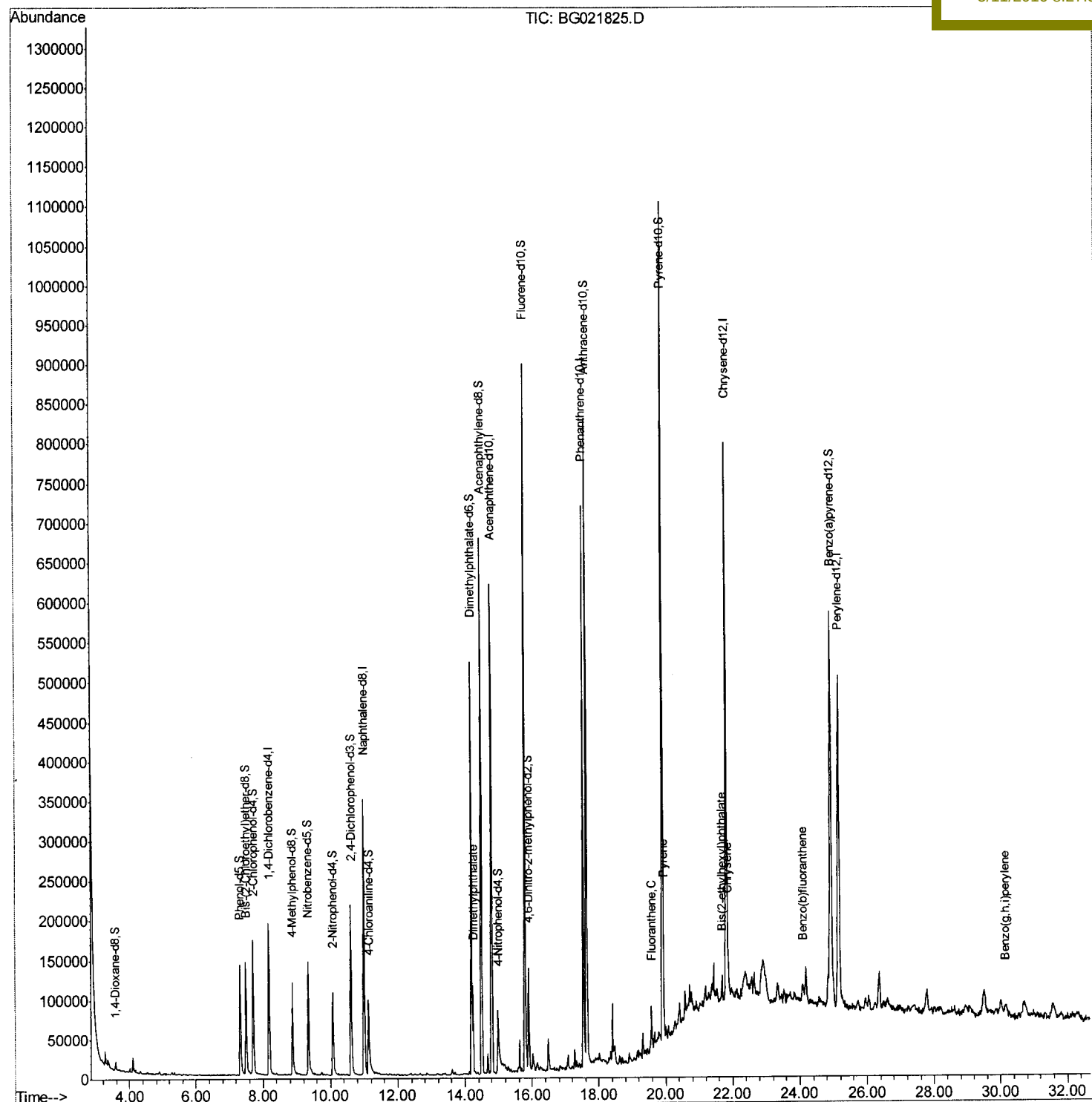
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021825.D
Acq On : 10 May 2016 20:42
Operator : UM/SJ
Sample : H2938-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
D9XB3

Manual Integrations
APPROVED

sohil
5/11/2016 8:27:36 PM

Quant Time : May 11 05:49:13 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



Quantitation Report (Qedit)

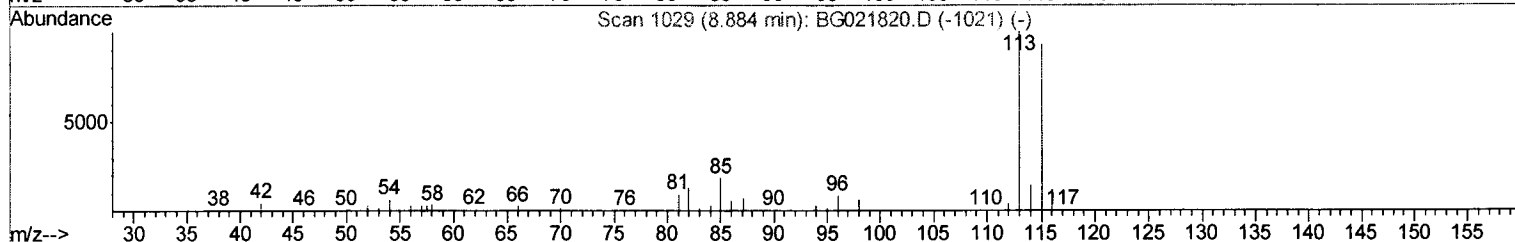
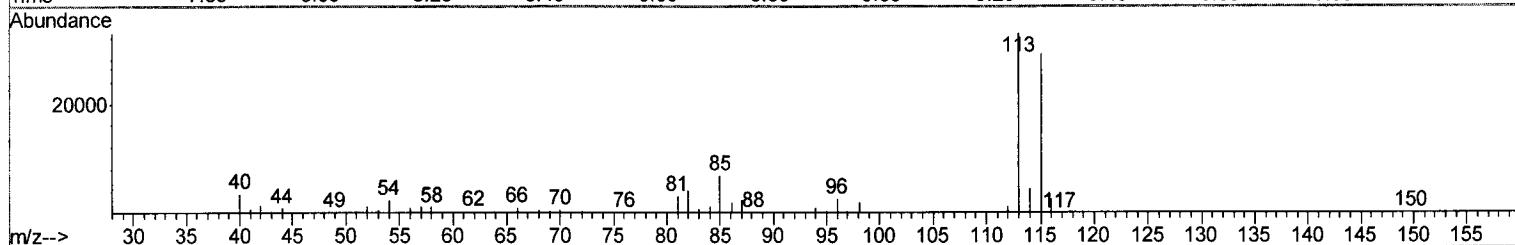
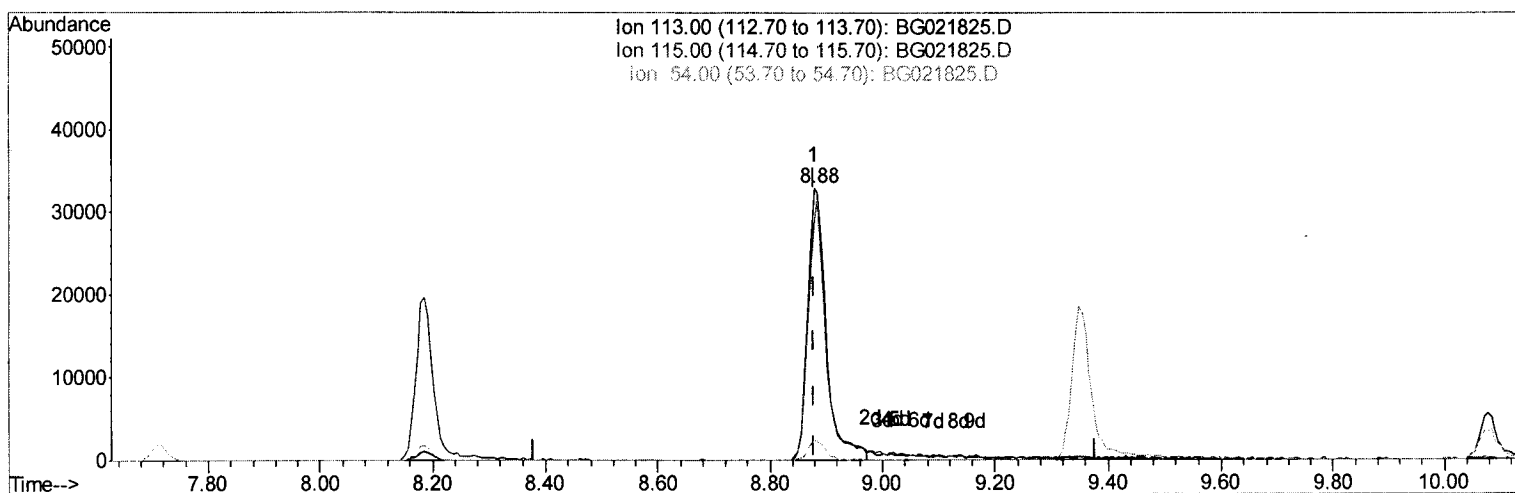
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

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Quant Time: May 11 05:49:13 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



TIC: BG021825.D

(13) 4-Methylphenol-d8 (S)

8.878min (+0.000) 14.83ng/ul m

response 74637

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	88.21
54.00	18.70	7.31#
0.00	0.00	0.00

UM
 05/13/16

Quantitation Report (Qedit)

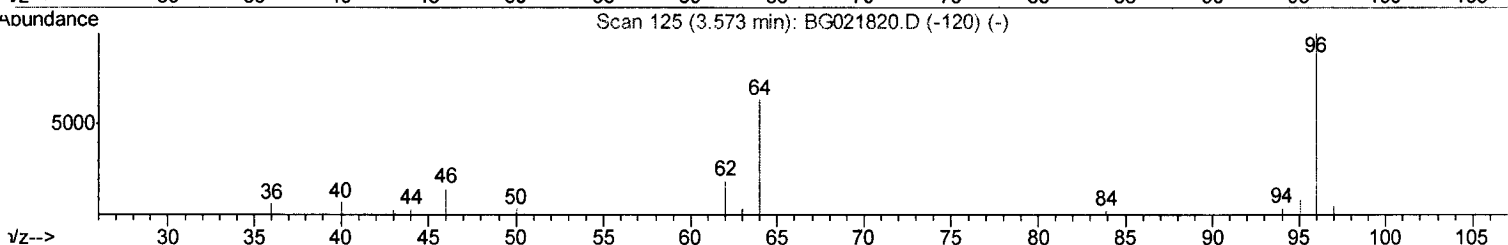
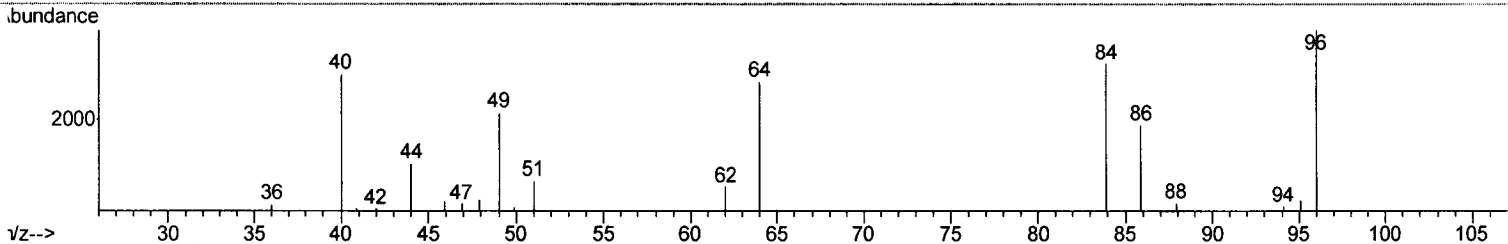
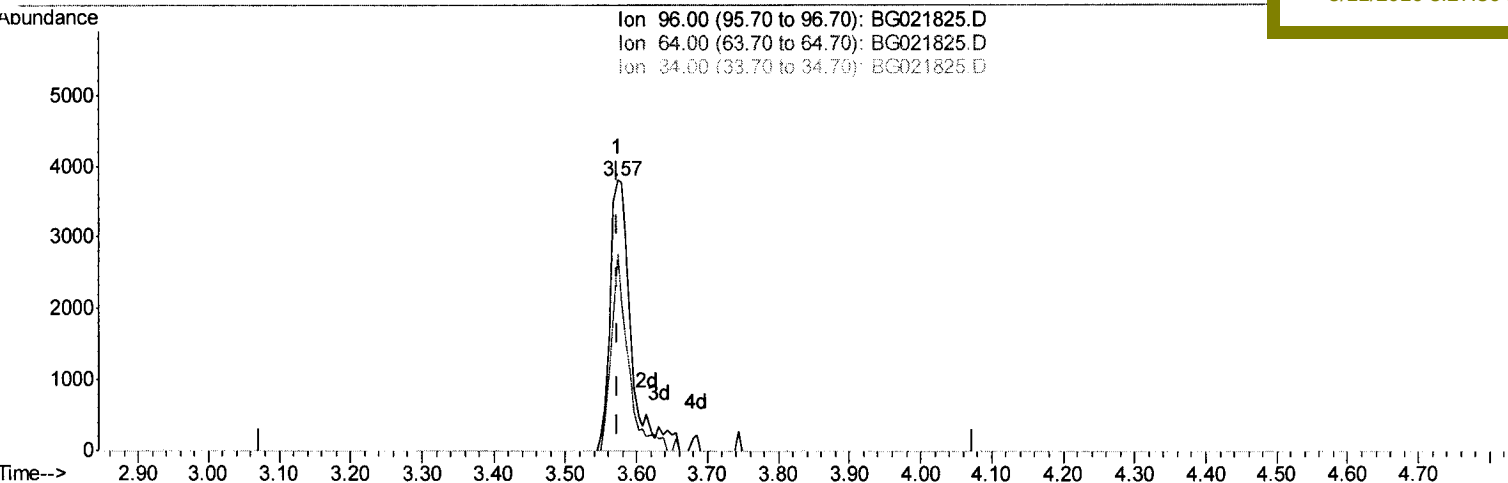
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Quant Time: May 11 05:49:13 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
 5/11/2016 8:27:36 PM



TIC: BG021825.D

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

3.573min (+0.000) 4.72ng/uL m

response 7888

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	72.68
34.00	0.00	0.00
0.00	0.00	0.00

U.M
 05/13/16

Quantitation Report (Qedit)

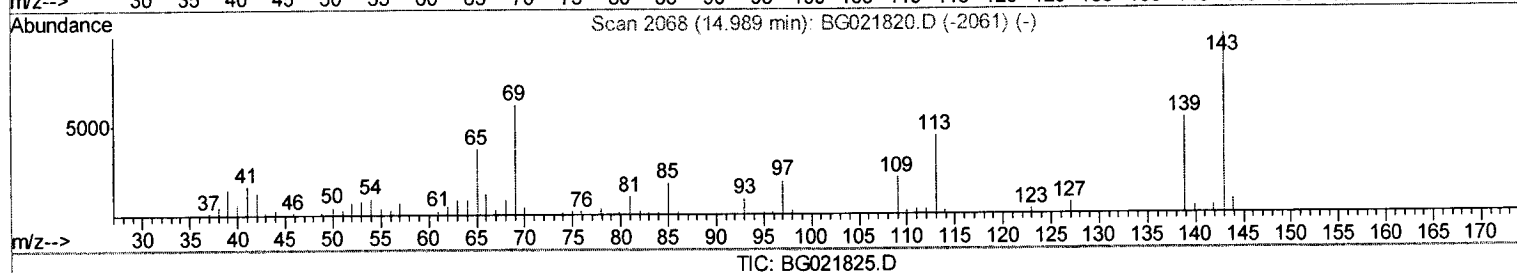
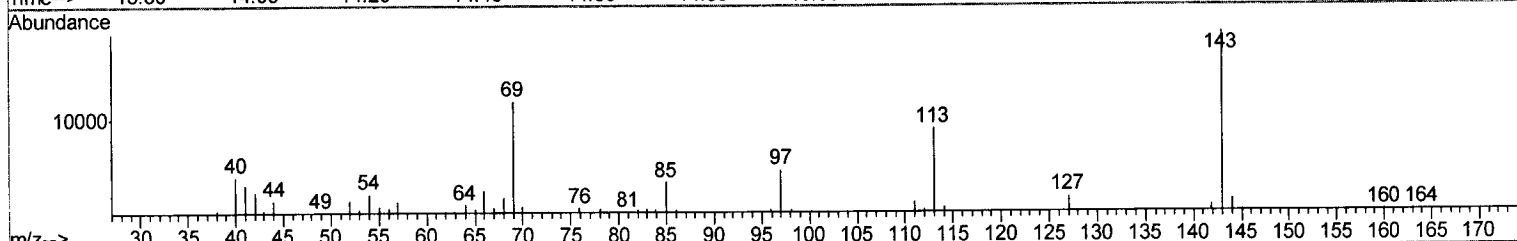
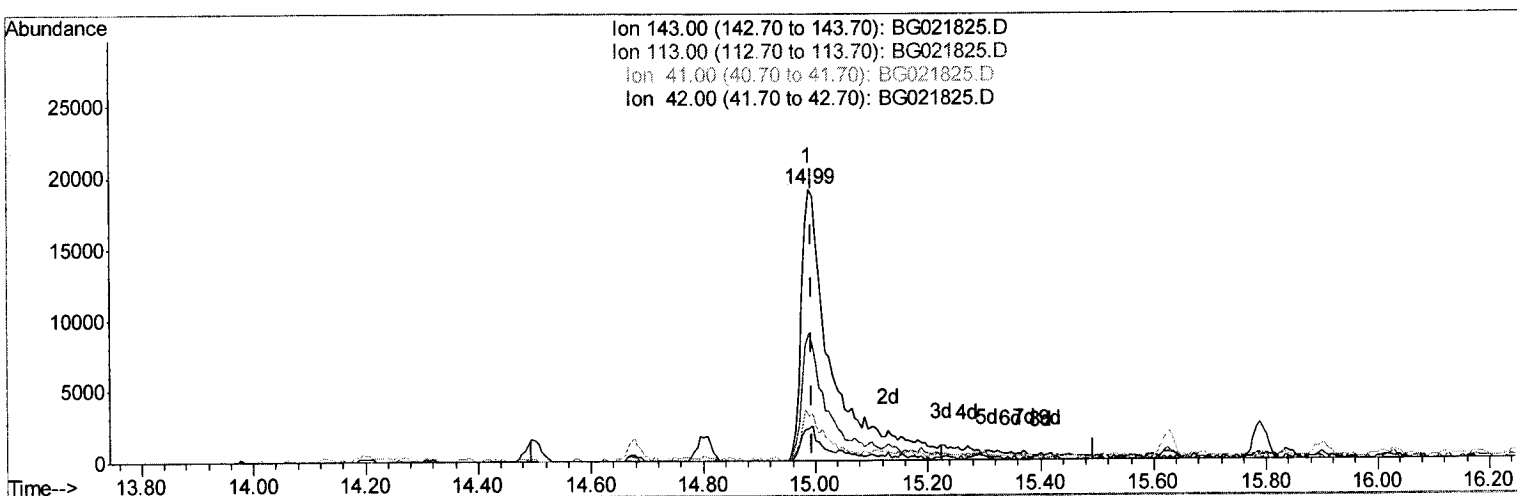
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 05:49:13 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)

14.989min (-0.006) 24.51ng/ul m U.M
 response 72202 05/13/16

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	46.92#
41.00	49.70	16.27#
42.00	33.70	12.05#

Quantitation Report (Qedit)

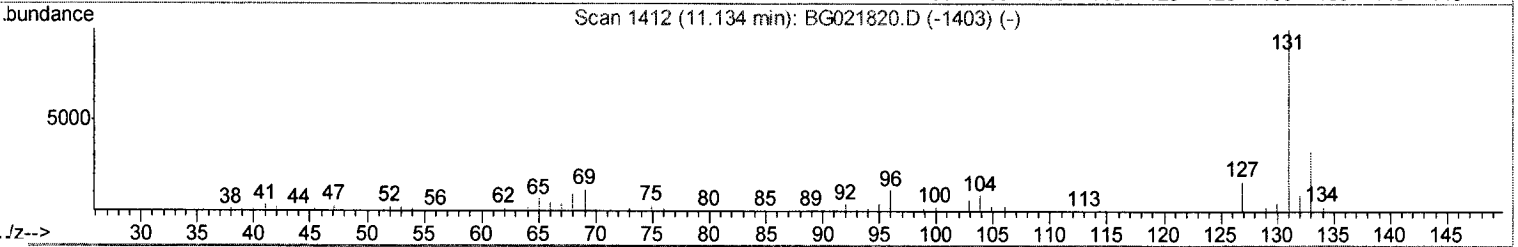
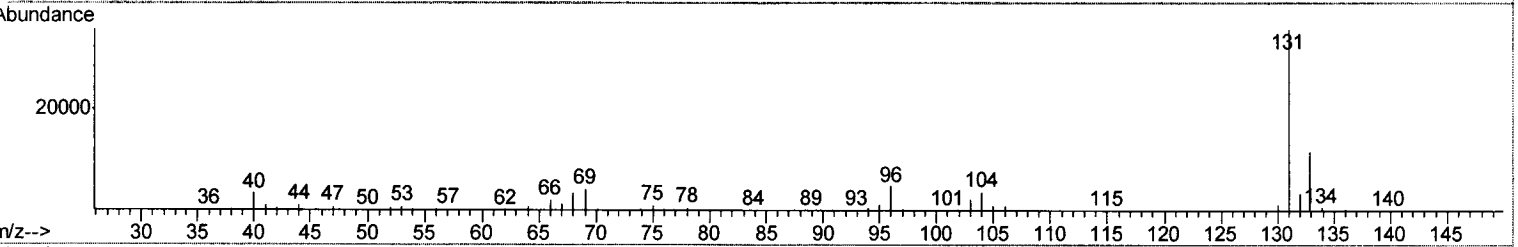
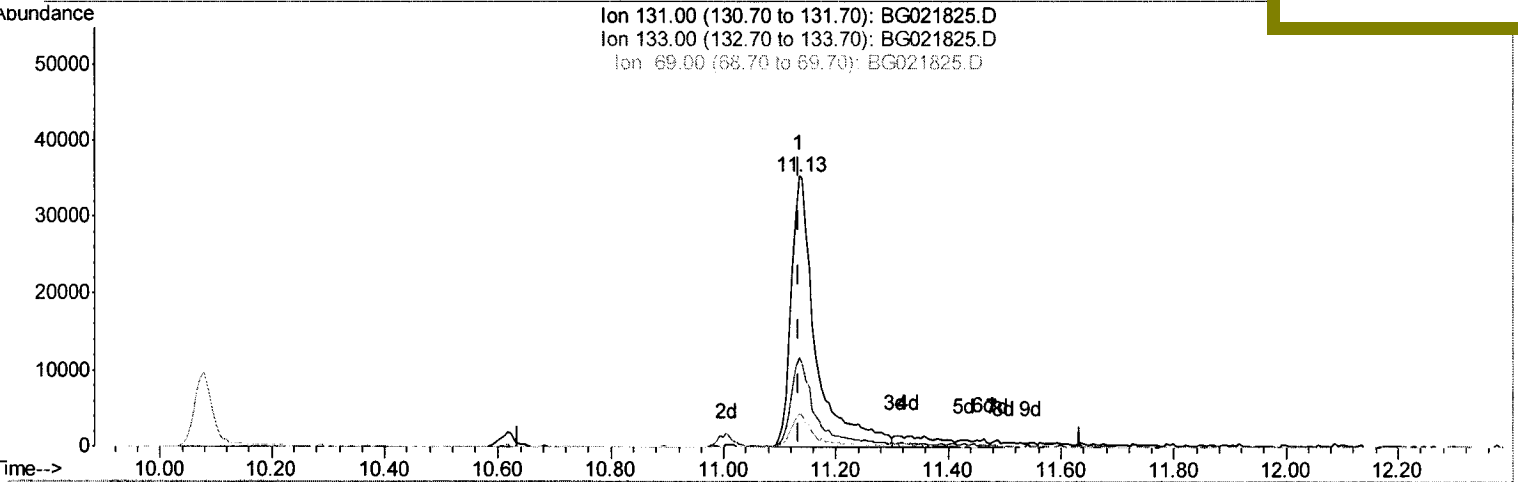
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 05:49:13 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



TIC: BG021825.D

(29) 4-Chloroaniline-d4 (S)

11.135min (+0.000) 20.99ng/ul m UM

response 108525

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.28
69.00	23.00	12.06#
0.00	0.00	0.00

05/13/16

Quantitation Report (Qedit)

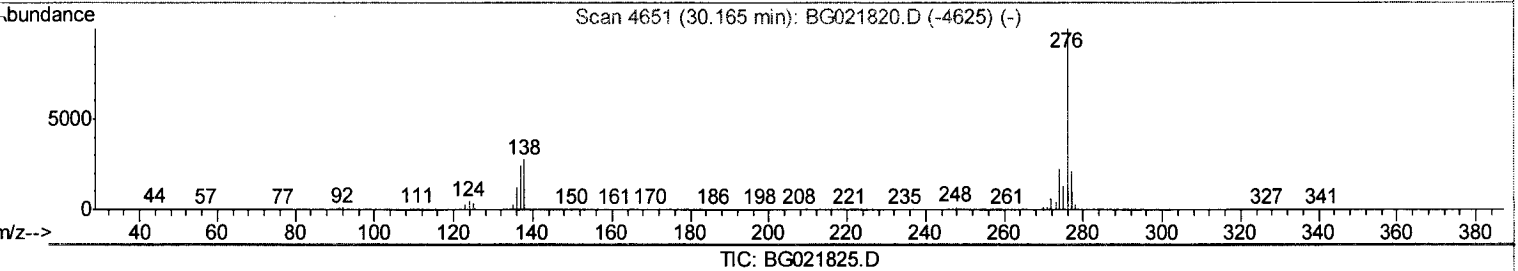
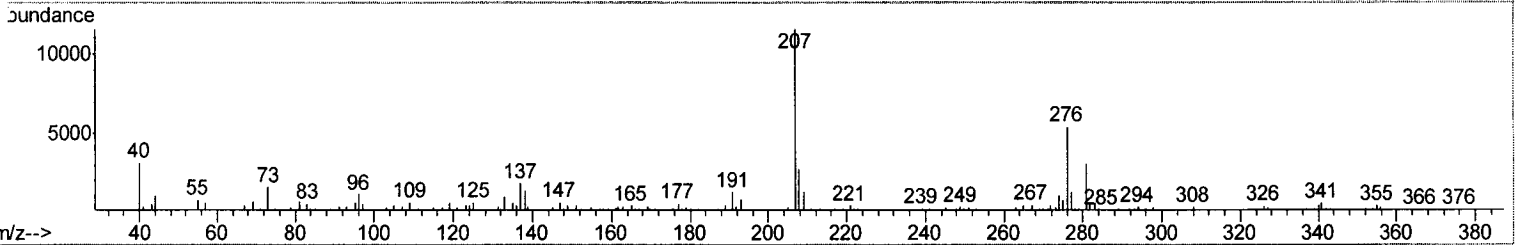
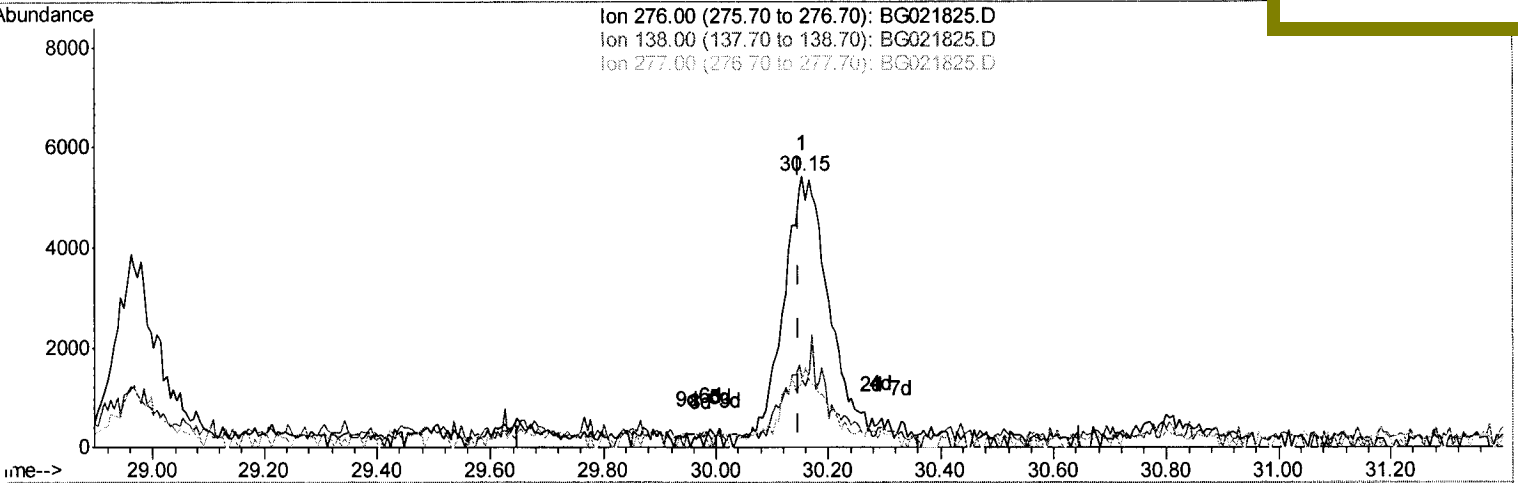
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 05:49:13 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



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

30.154min (+0.006) 1.27ng/ul m

response 33586

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.48#
277.00	24.70	24.94
0.00	0.00	0.00

UM
 05/13/16

Quantitation Report (Qedit)

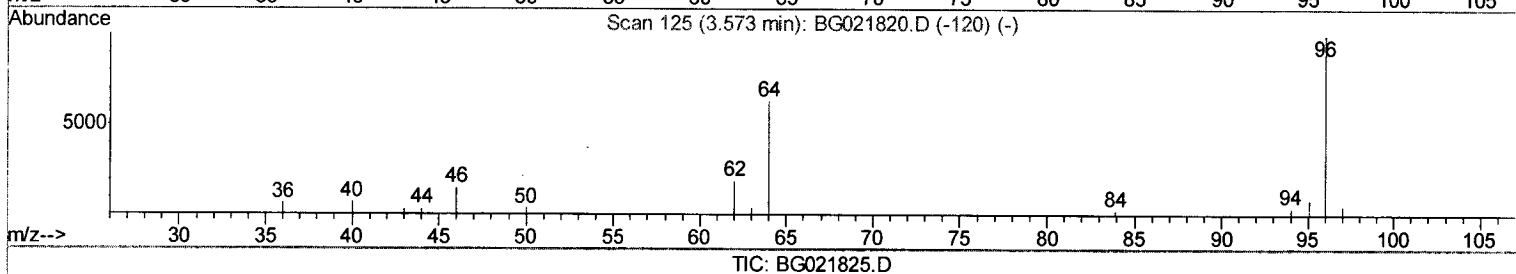
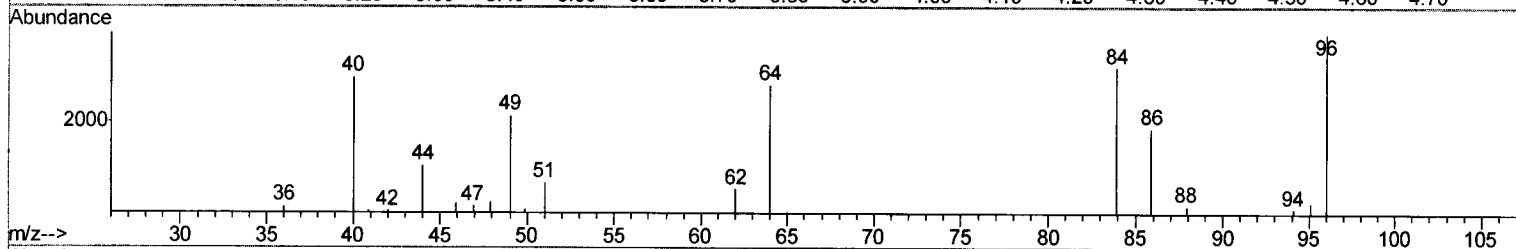
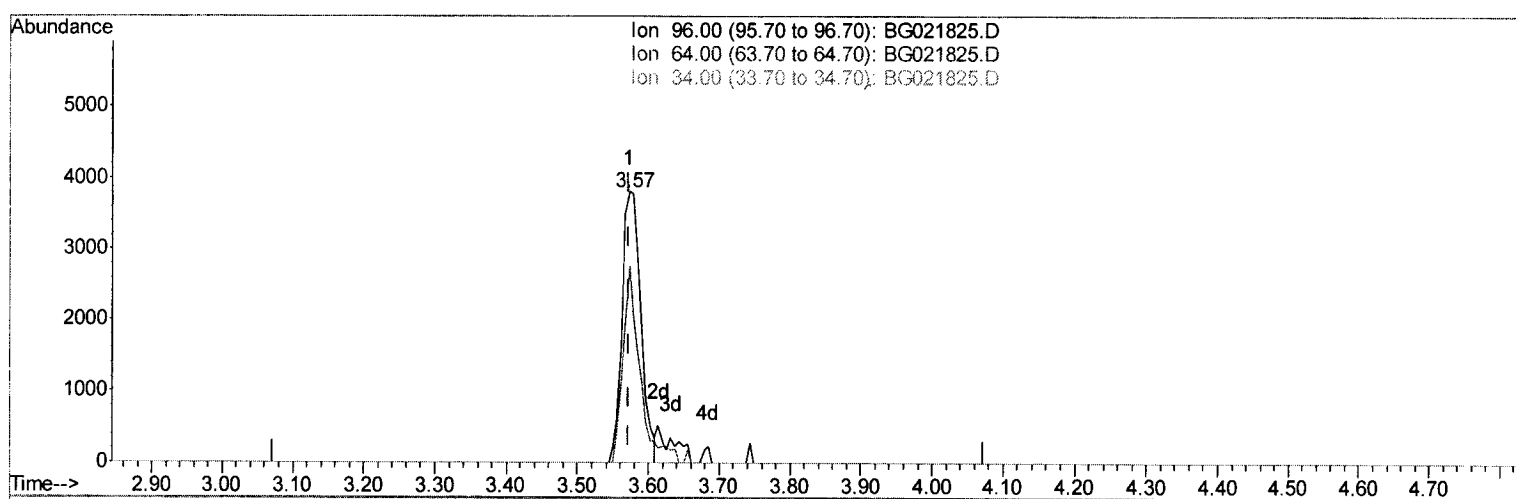
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 20:08:43 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)

3.573min (+0.000) 4.23ng/uL

response 7069

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	72.68
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

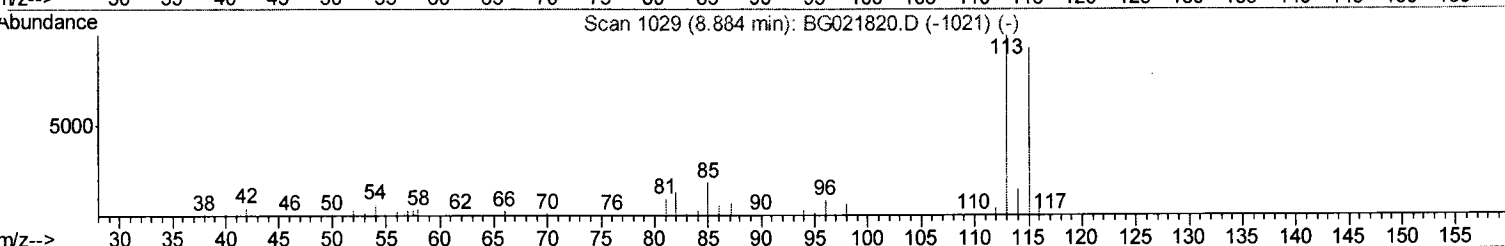
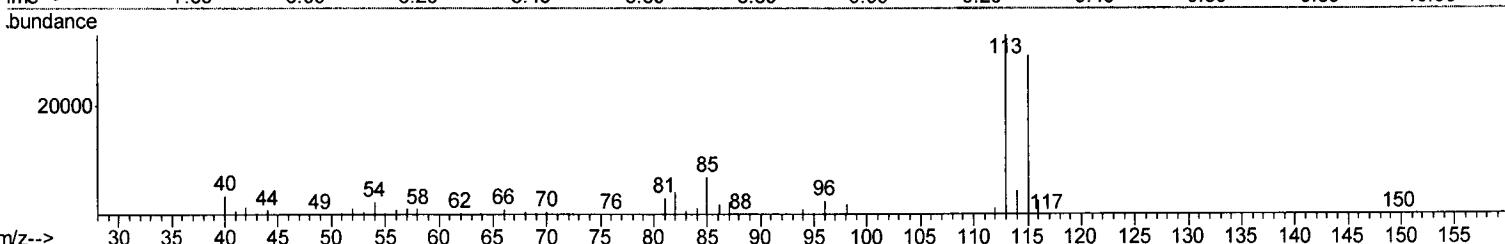
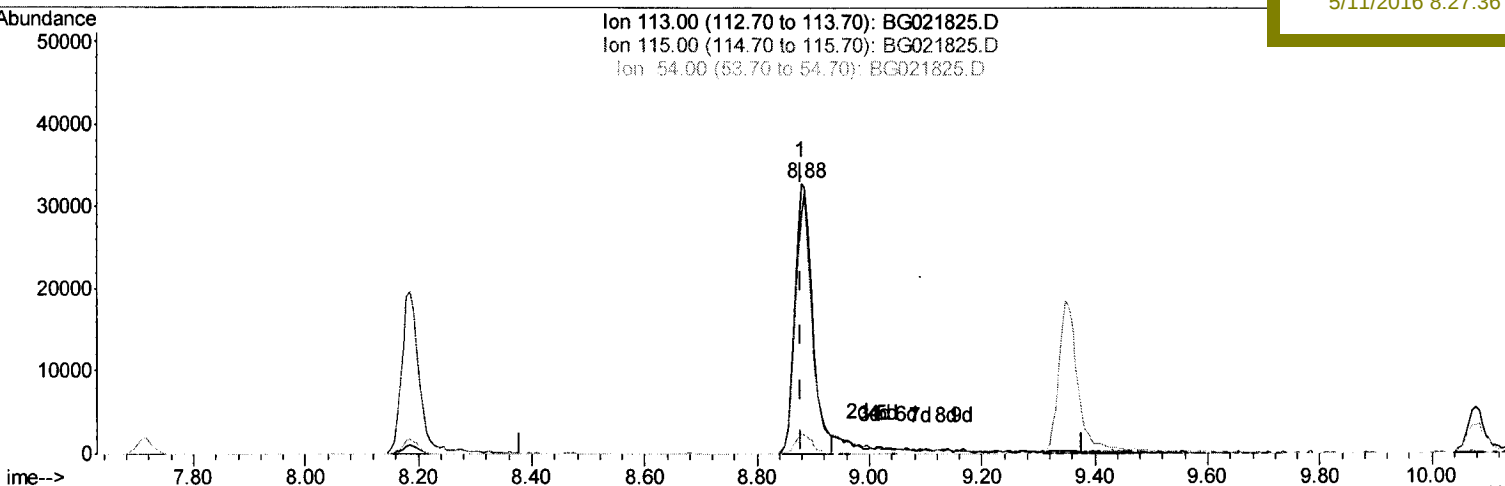
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 20:08:43 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
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM



TIC: BG021825.D

(13) 4-Methylphenol-d8 (S)

8.878min (+0.000) 14.03ng/ul

response 70613

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	88.21
54.00	18.70	7.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

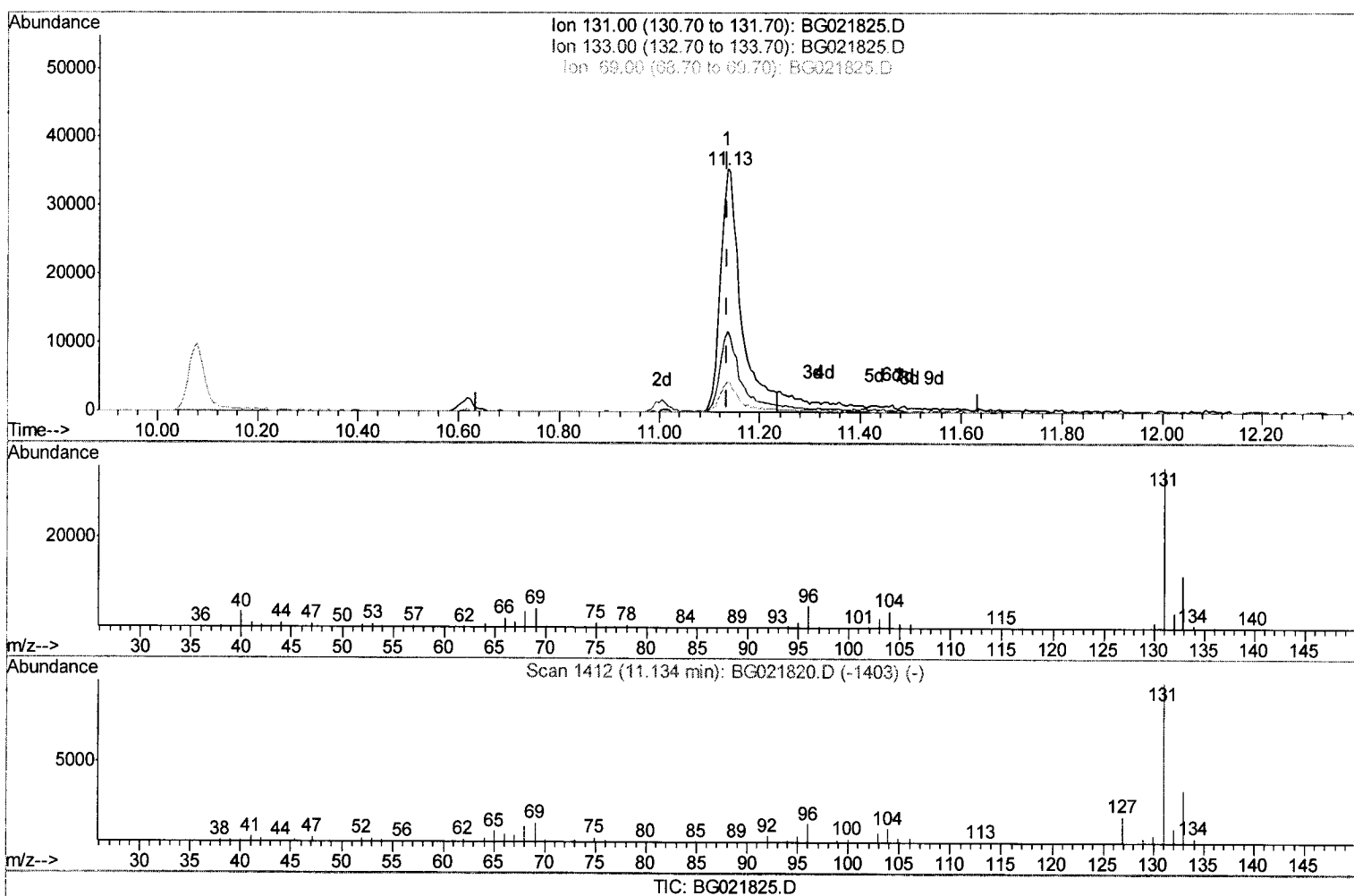
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 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

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 5/11/2016 8:27:36 PM

Quant Time: May 11 20:08:43 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)

11.135min (+0.000) 19.43ng/ul

response 100433

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.28
69.00	23.00	12.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

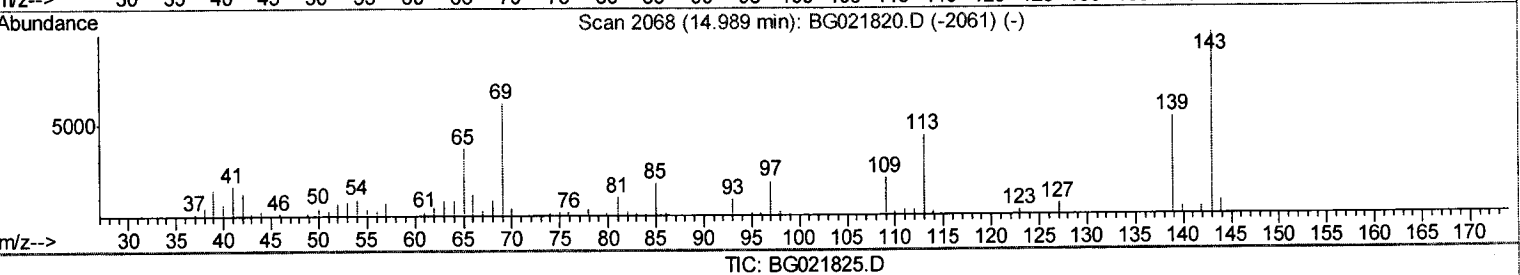
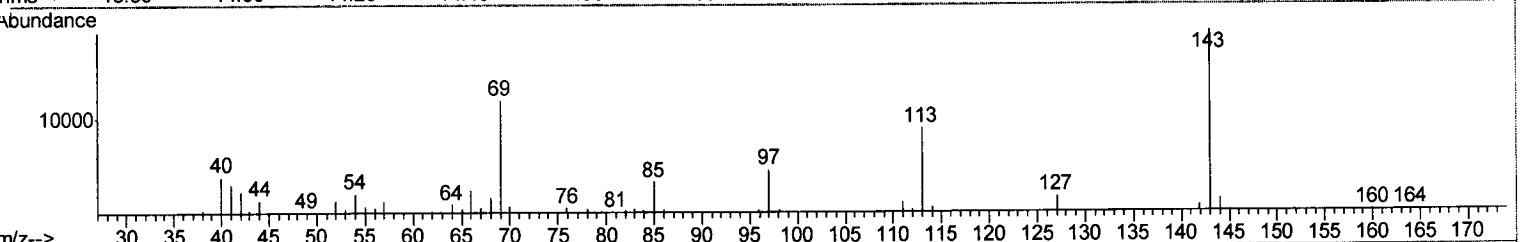
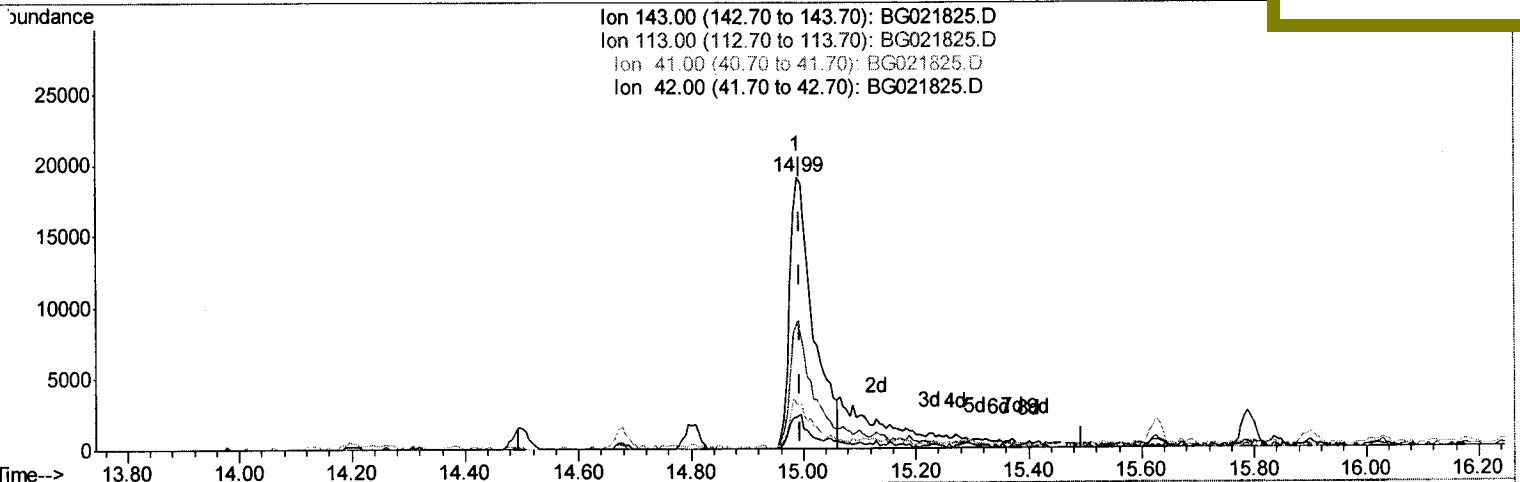
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 20:08:43 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)

14.989min (-0.006) 18.63ng/ul

response 54867

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	46.92#
41.00	49.70	16.27#
42.00	33.70	12.05#

Quantitation Report (Qedit)

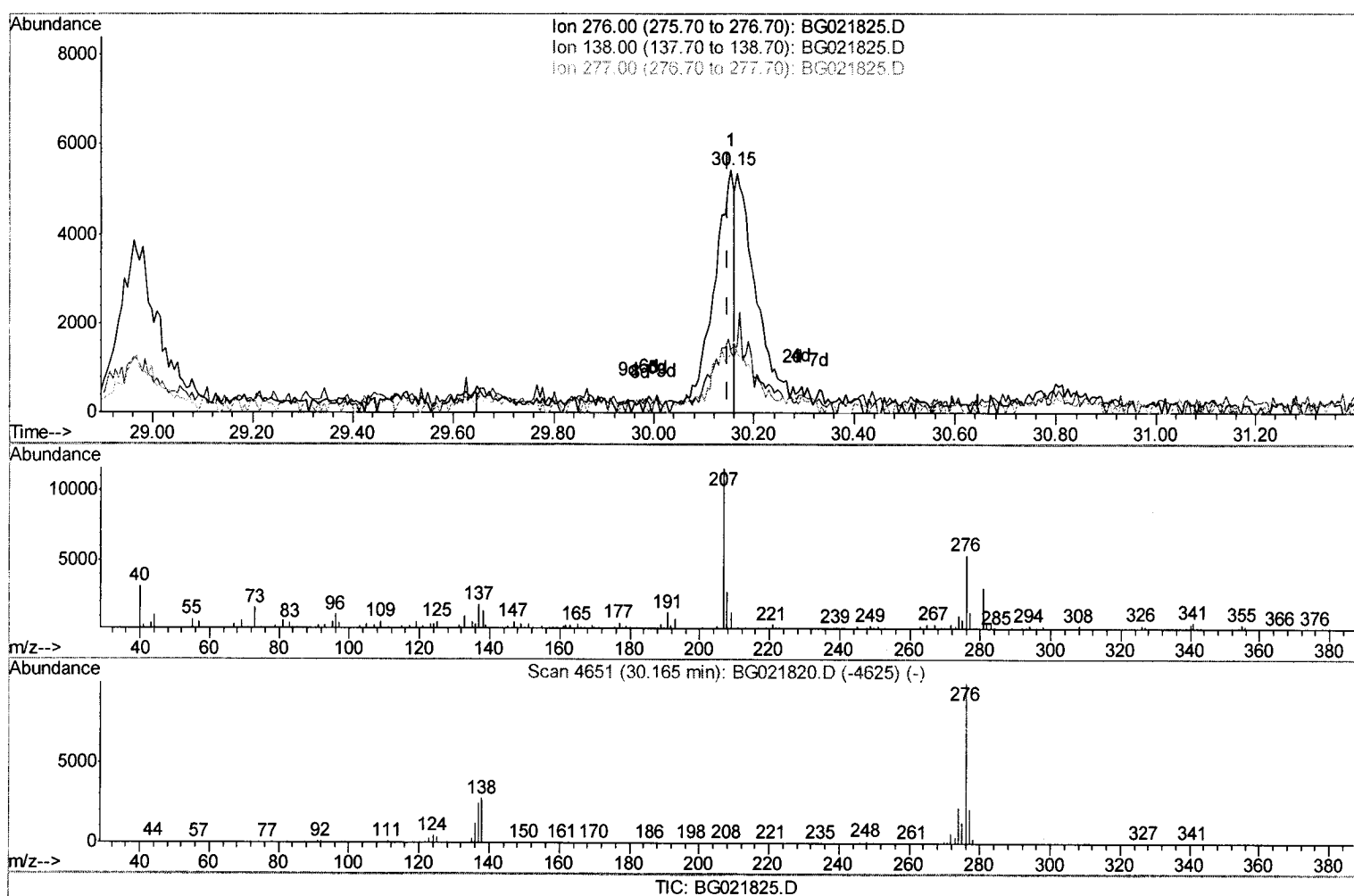
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Data File : BG021825.D
Acq On : 10 May 2016 20:42
Operator : UM/SJ
Sample : H2938-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB3

Manual Integrations
APPROVED

sohil
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Quant Time: May 11 20:08:43 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

30.154min (+0.006) 0.59ng/ul

response 15675

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.48#
277.00	24.70	24.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:36 PM

Quant Time: May 11 05:49:13 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	80748	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	408700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	244676	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	494415	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	487070	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	475829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7888m	4.72	ng/uL	0.00
5) Phenol-d5	7.33	99	141152	23.56	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	73963	24.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	133938	28.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	74637m	14.83	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	69673	25.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	68919	40.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	129613	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	108525m	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	462209	26.89	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	619921	25.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	72202m	24.51	ng/ul	0.00
58) Fluorene-d10	15.79	176	425558	23.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	46224	33.75	ng/ul	0.00
71) Anthracene-d10	17.64	188	566117	23.52	ng/ul	0.00
77) Pyrene-d10	19.92	212	612329	26.86	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	559075	24.73	ng/ul	0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	14.25	163	93597	5.35	ng/ul	98
75) Fluoranthene	19.58	202	31690	1.03	ng/ul#	90
78) Pyrene	19.95	202	48841	1.73	ng/ul#	93
82) Bis(2-ethylhexyl)phthalate	21.70	149	16371	1.61	ng/ul#	88
83) Chrysene	21.87	228	44013	1.64	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	37479	1.38	ng/ul#	93
92) Benzo(g,h,i)perylene	30.15	276	33586m	1.27	ng/ul	

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