

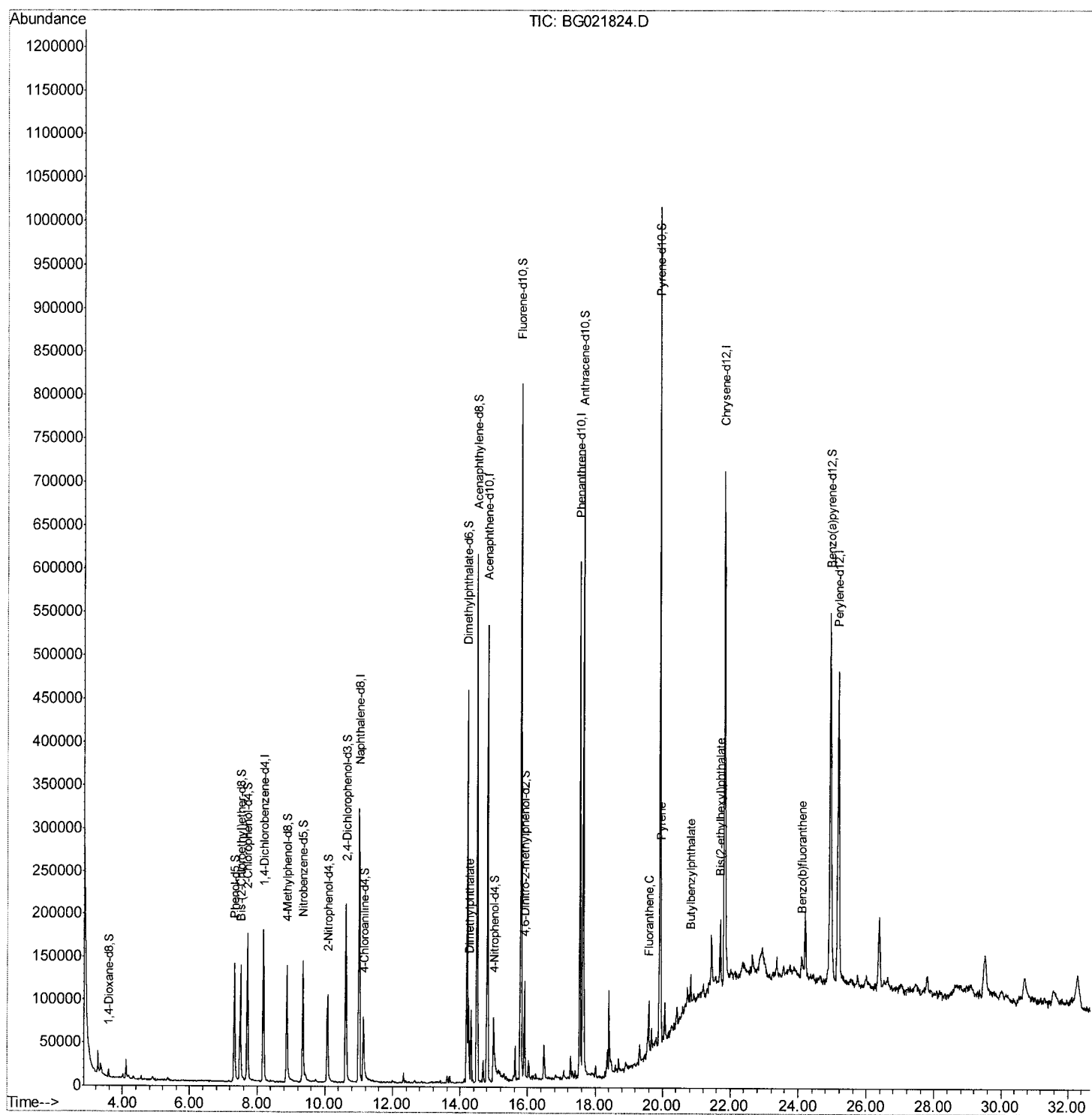
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB2

Manual Integrations
APPROVED

sohil
5/11/2016 8:27:42 PM

Quant Time: May 11 11:58:56 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)

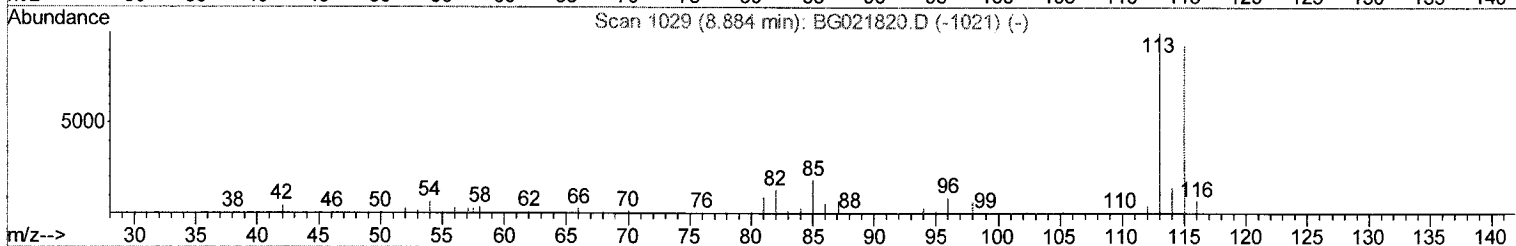
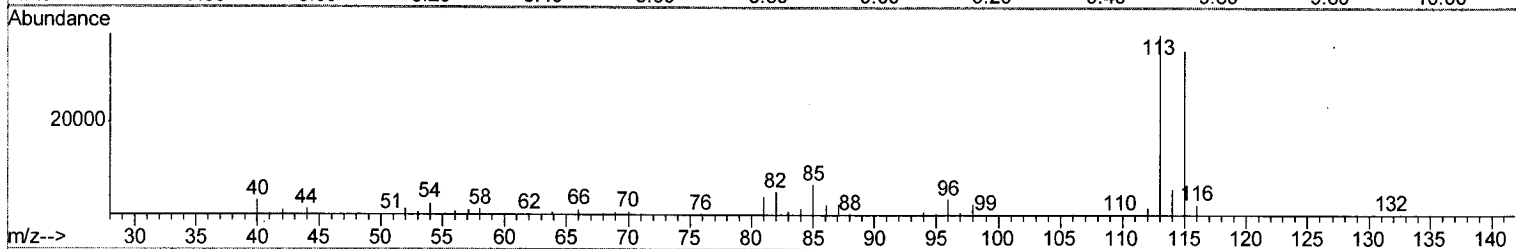
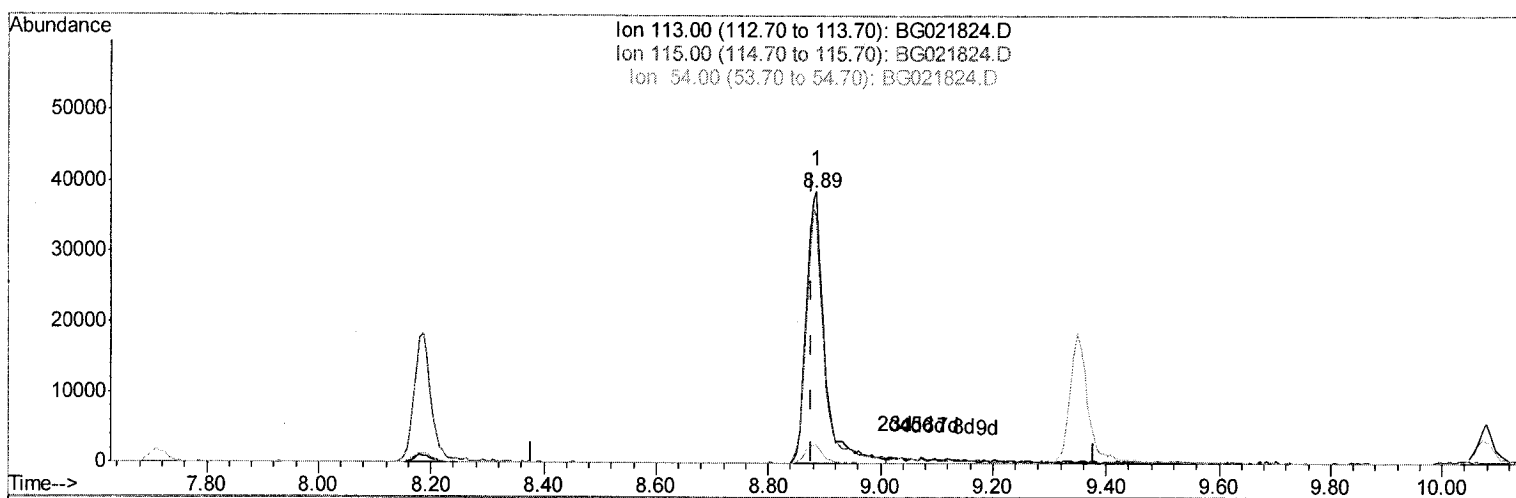
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
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Manual Integrations
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Quant Time: May 11 11:58:56 2016
Quant Method : 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: BG021824.D

(13) 4-Methylphenol-d8 (S)

8.885min (+0.007) 18.61ng/ul m. *U.M*

response 86618

05/13/16

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	90.86
54.00	18.70	6.72#
0.00	0.00	0.00

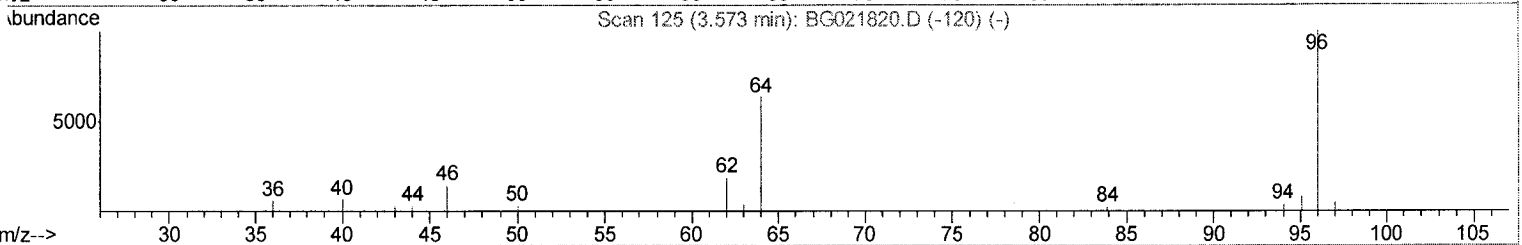
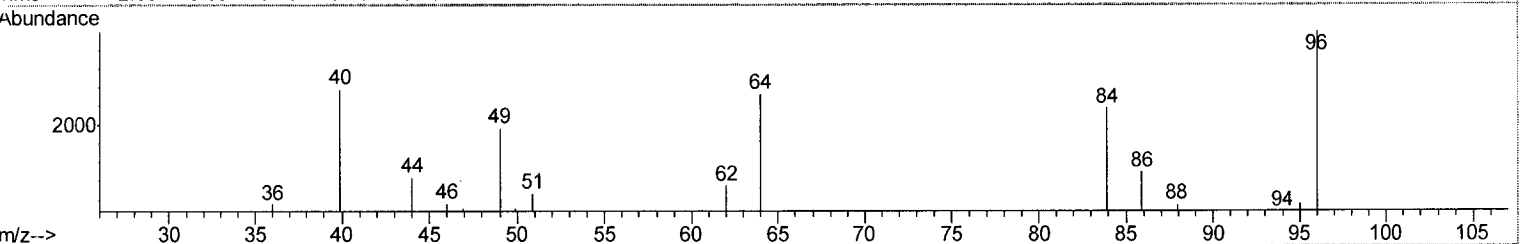
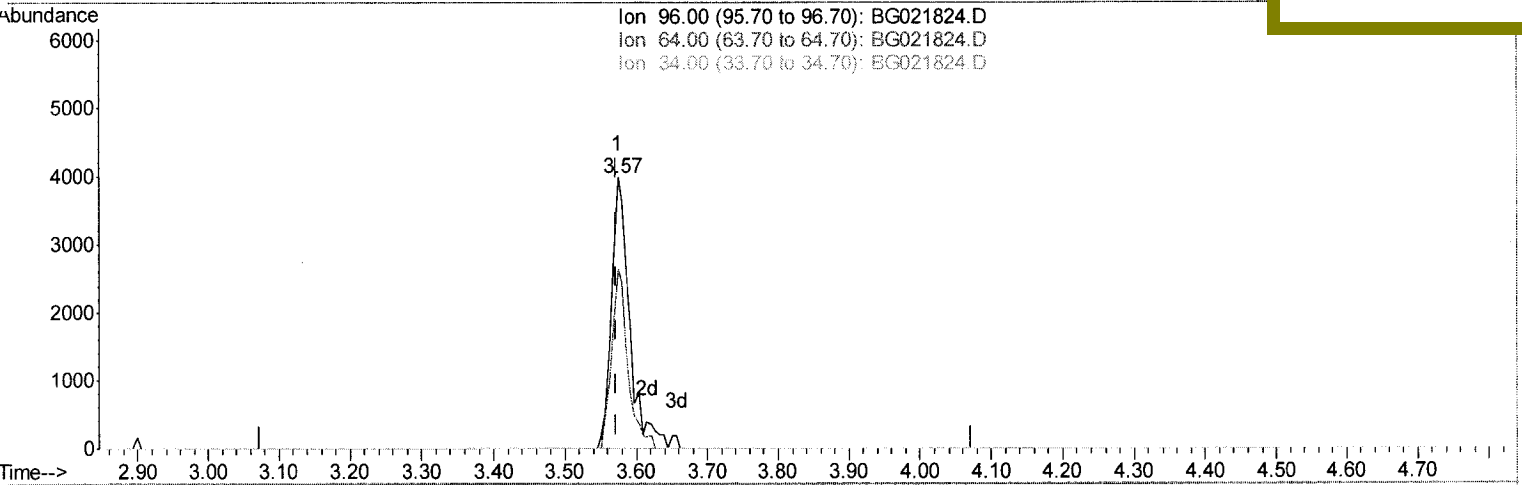
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
Misc :
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Instrument :
BNA_G
ClientSampleId :
D9XB2

Manual Integrations
APPROVED

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5/11/2016 8:27:42 PM

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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: BG021824.D

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

3.574min (+0.001) 4.58ng/uL m U.M
05/13/16

response 7086

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	66.60
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

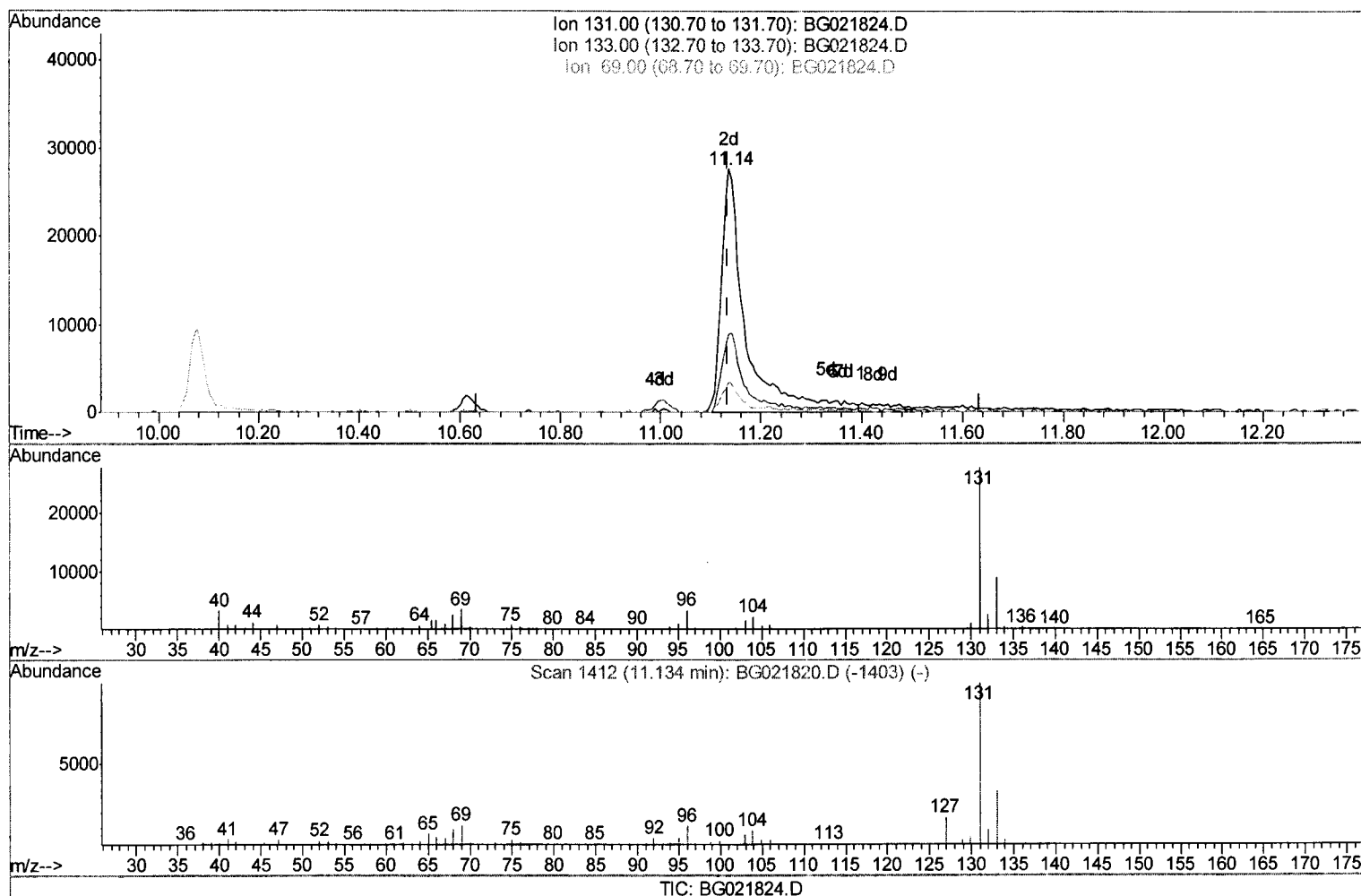
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:42 PM

Quant Time: May 11 11:58:56 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)

11.136min (+0.001) 20.36ng/ul m U.M
 response 94196
 05/13/16

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.47
69.00	23.00	12.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

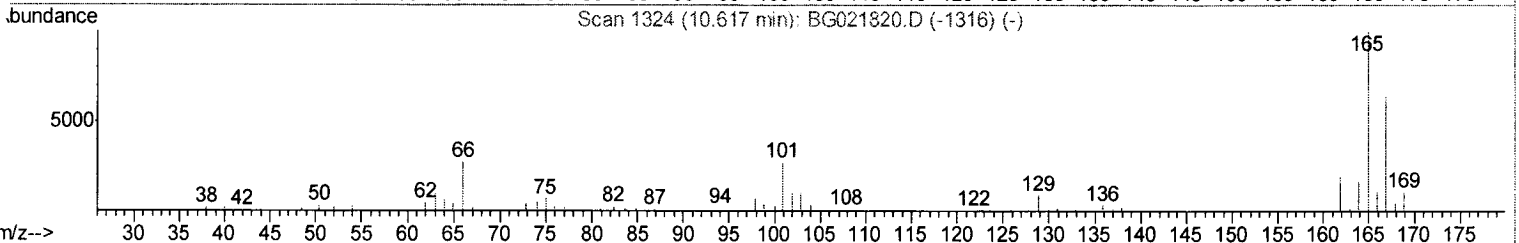
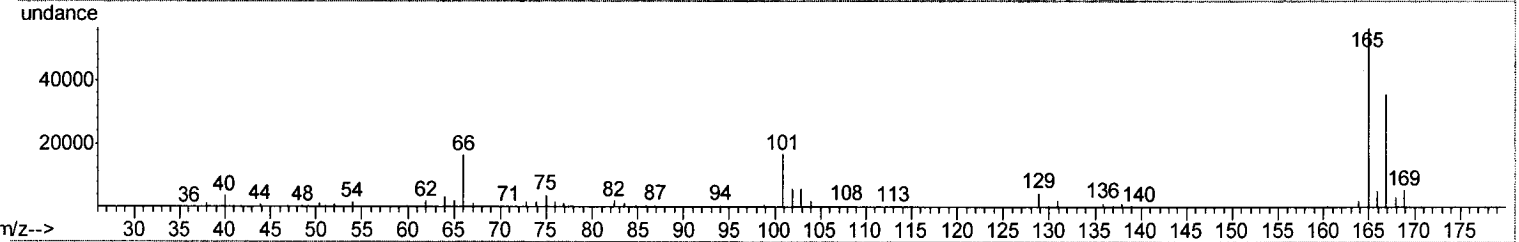
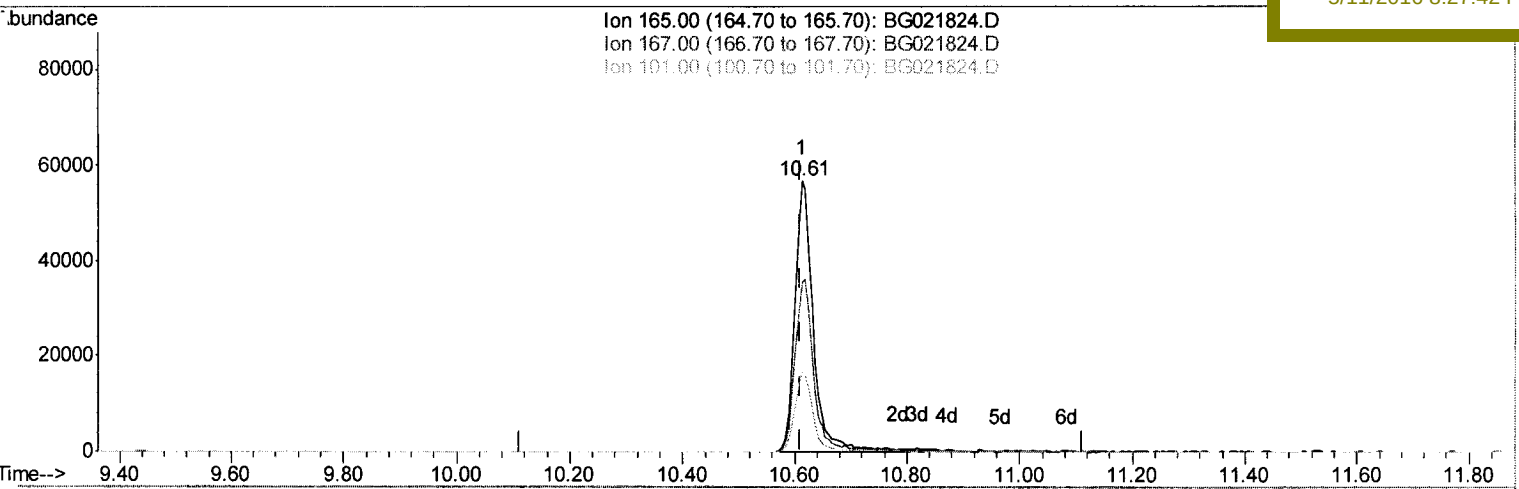
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
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 5/11/2016 8:27:42 PM

Quant Time: May 11 11:58:56 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: BG021824.D

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

10.613min (+0.001) 29.29ng/ul m

response 125818

Ion Exp% Act%

165.00 100 100

167.00 66.50 62.94

101.00 41.00 29.64#

0.00 0.00 0.00

U.M
 05/13/16

Quantitation Report (Qedit)

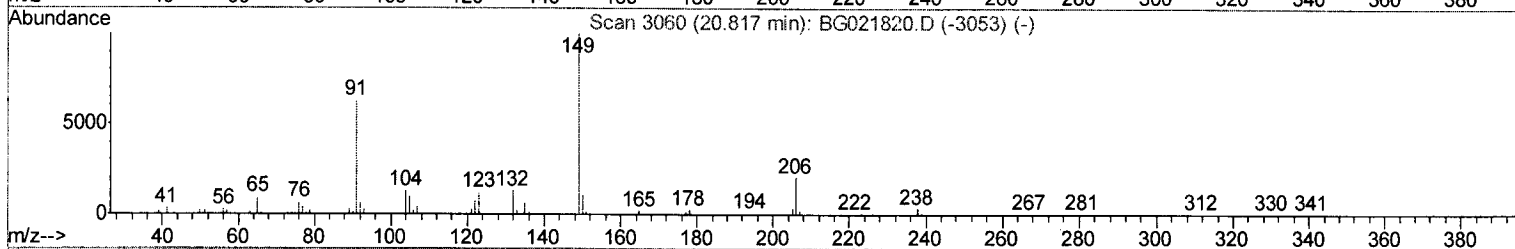
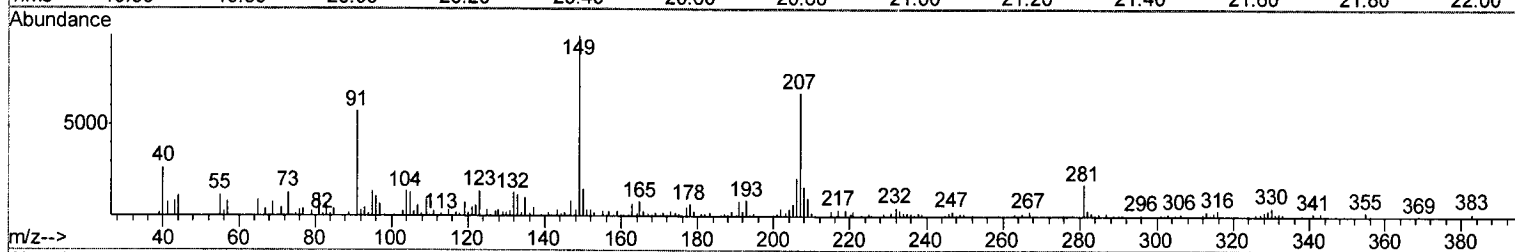
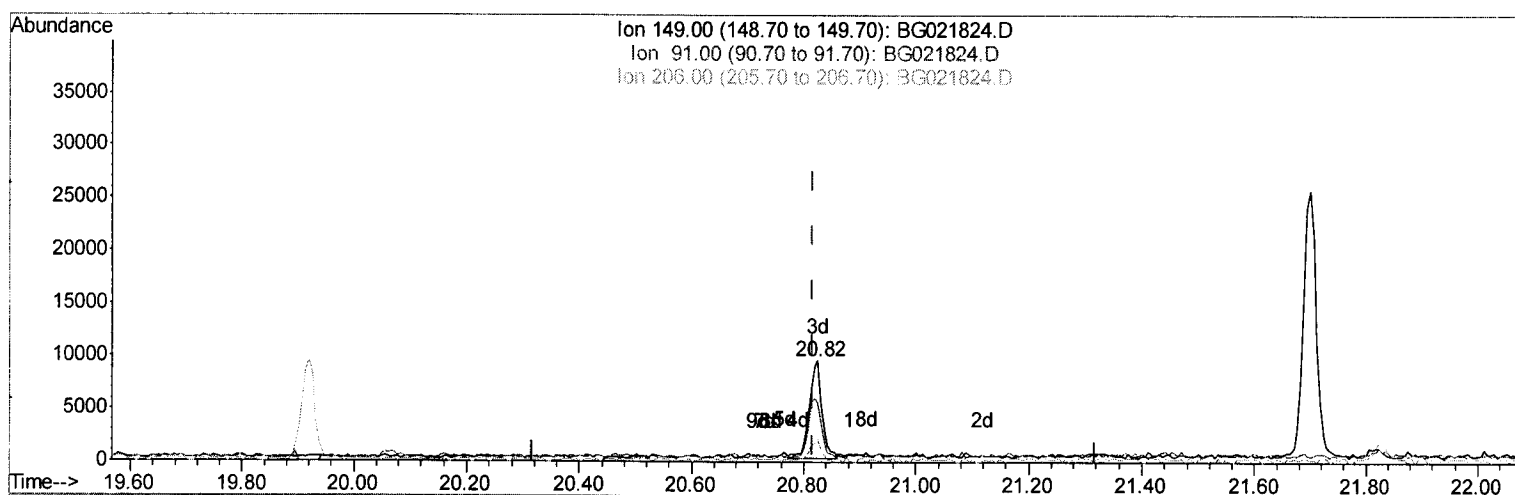
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:42 PM

Quant Time: May 11 11:58:56 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: BG021824.D

(79) Butylbenzylphthalate

20.824min (+0.007) 2.78ng/ul m *U.M*
25/13/16

response 14535

Ion	Exp%	Act%
149.00	100	100
91.00	82.30	58.85#
206.00	19.40	22.36
0.00	0.00	0.00

Quantitation Report (Qedit)

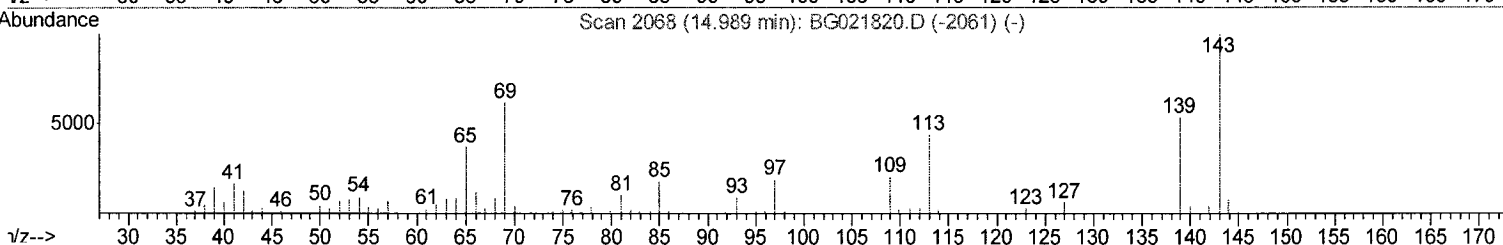
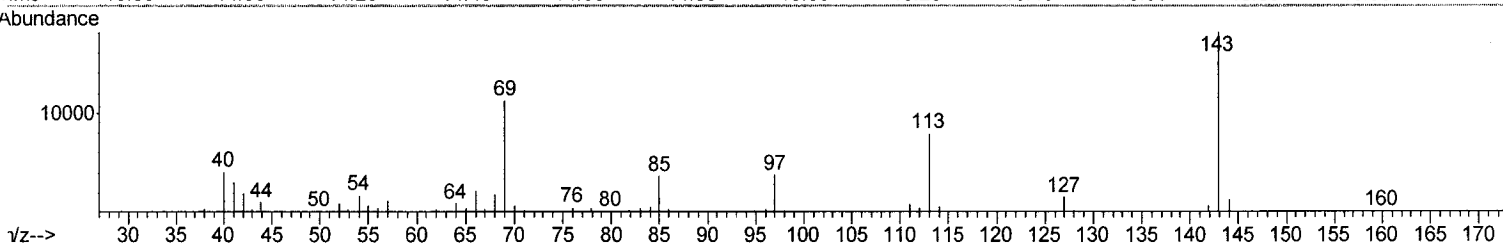
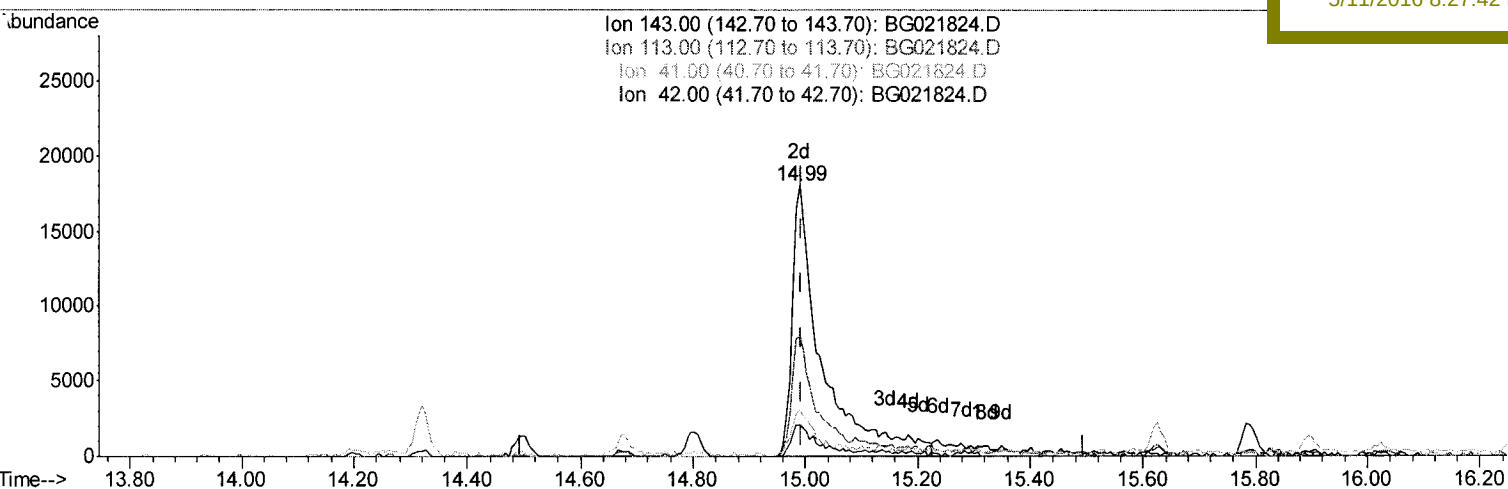
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 11 11:58:56 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 :
D9XB2

Manual Integrations
APPROVED

sohil
5/11/2016 8:27:42 PM



TIC: BG021824.D

(52) 4-Nitrophenol-d4 (S)

14.990min (-0.005) 26.35ng/ul m

response 65345

Ion	Exp%	Act%
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143.00	100	100
--------	-----	-----

113.00	102.70	43.92#
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41.00	49.70	17.35#
-------	-------	--------

42.00	33.70	11.37#
-------	-------	--------

U.M
05/13/16

Quantitation Report (Qedit)

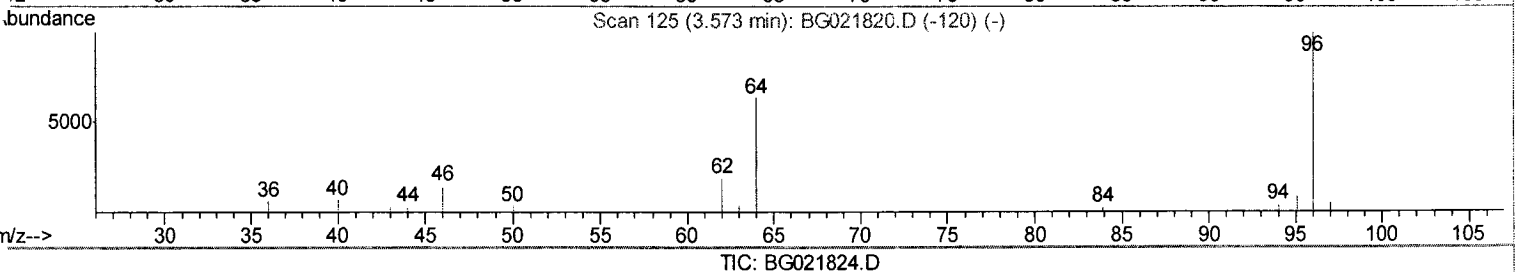
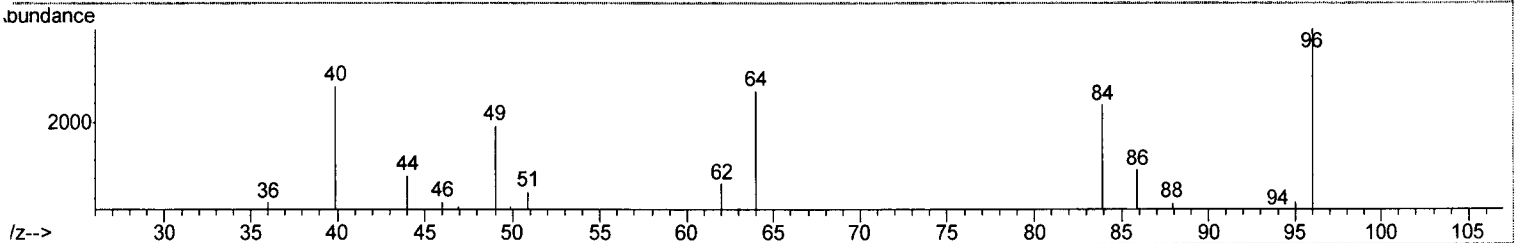
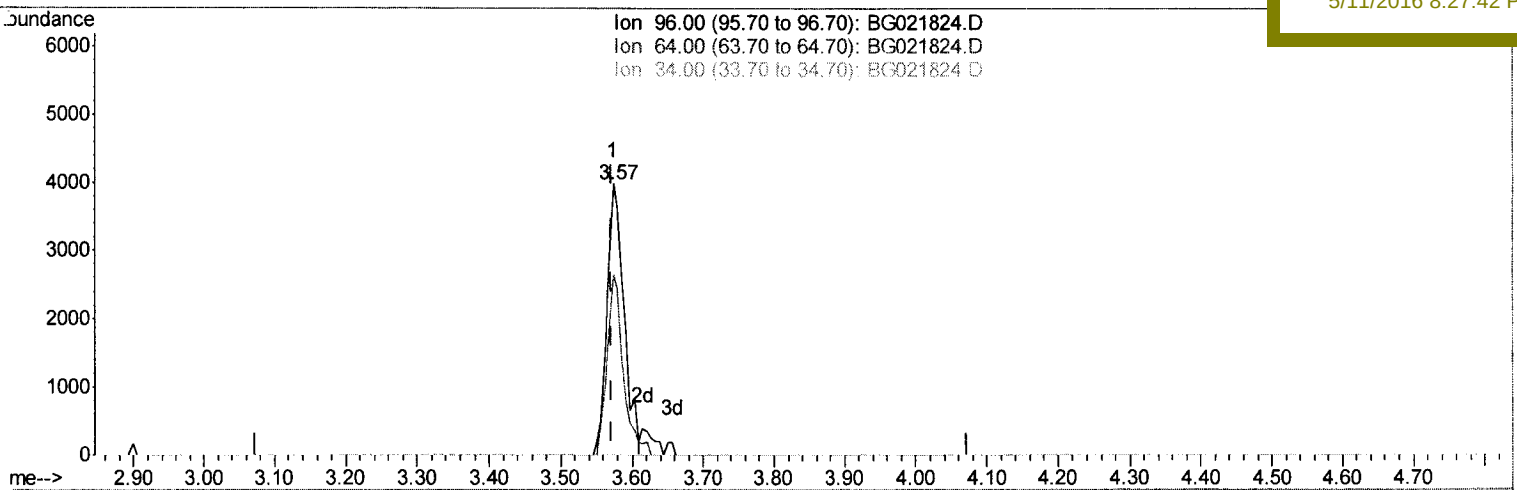
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB2

Manual Integrations
APPROVED

sohil
5/11/2016 8:27:42 PM

Quant Time: May 11 20:04:28 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: BG021824.D

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

3.574min (+0.001) 4.27ng/uL

response 6611

Ion	Exp%	Act%
96.00	100	100
64.00	66.20	66.60
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

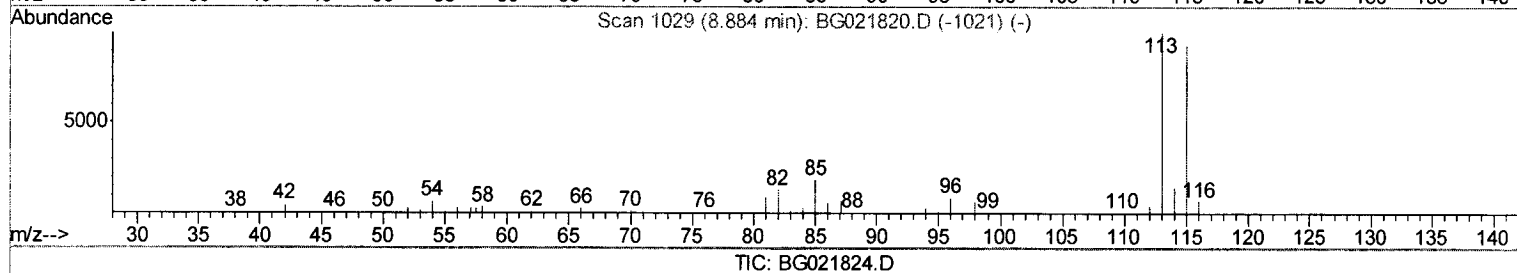
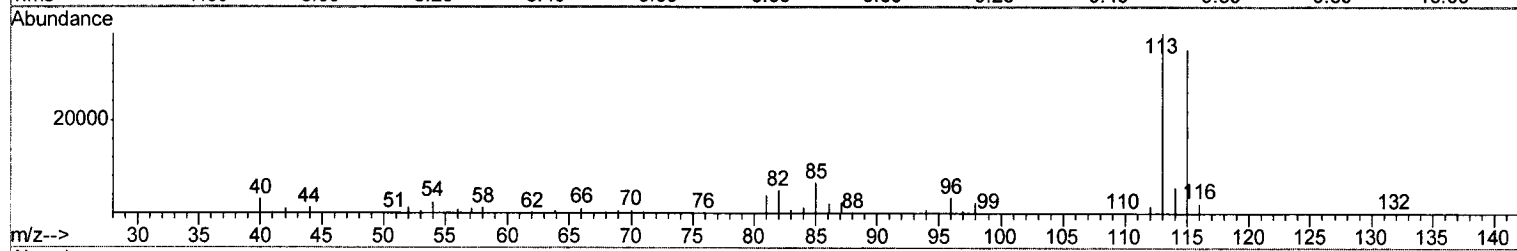
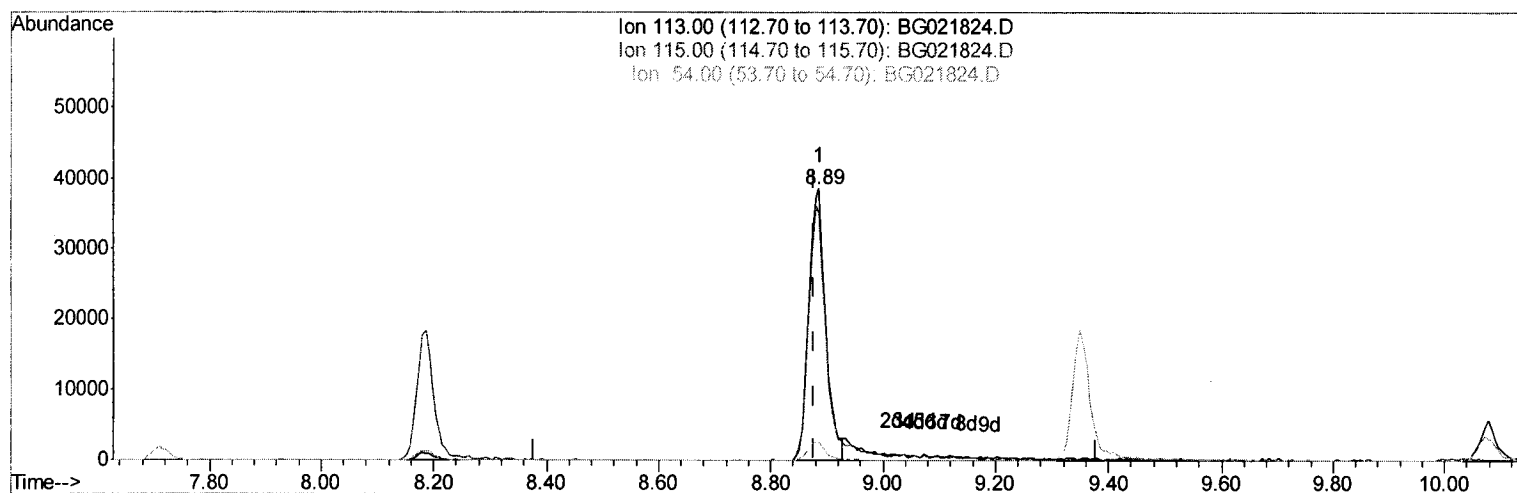
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

sohil
 5/11/2016 8:27:42 PM

Quant Time: May 11 20:04:28 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)
 8.885min (+0.007) 17.03ng/ul
 response 79265

Ion	Exp%	Act%
113.00	100	100
115.00	93.40	90.86
54.00	18.70	6.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

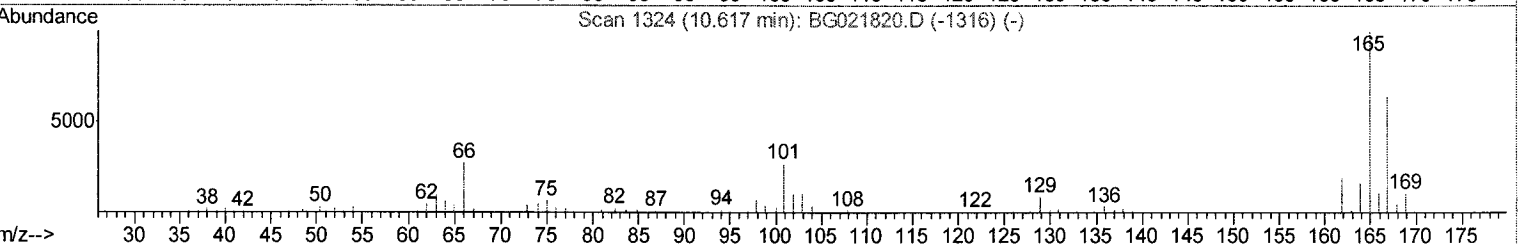
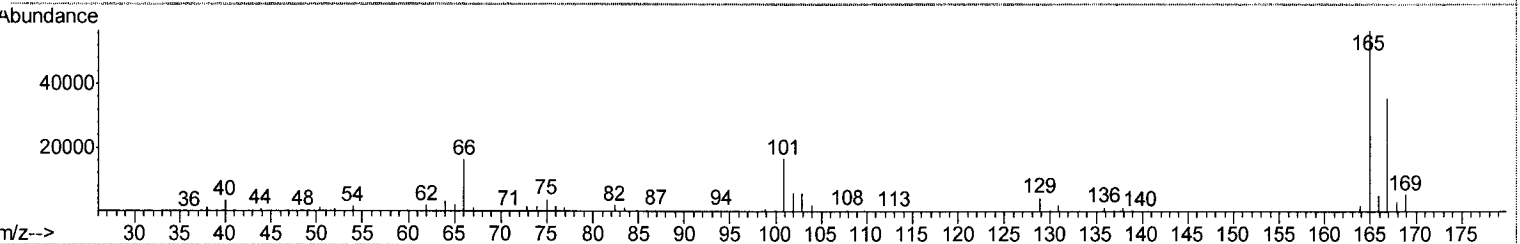
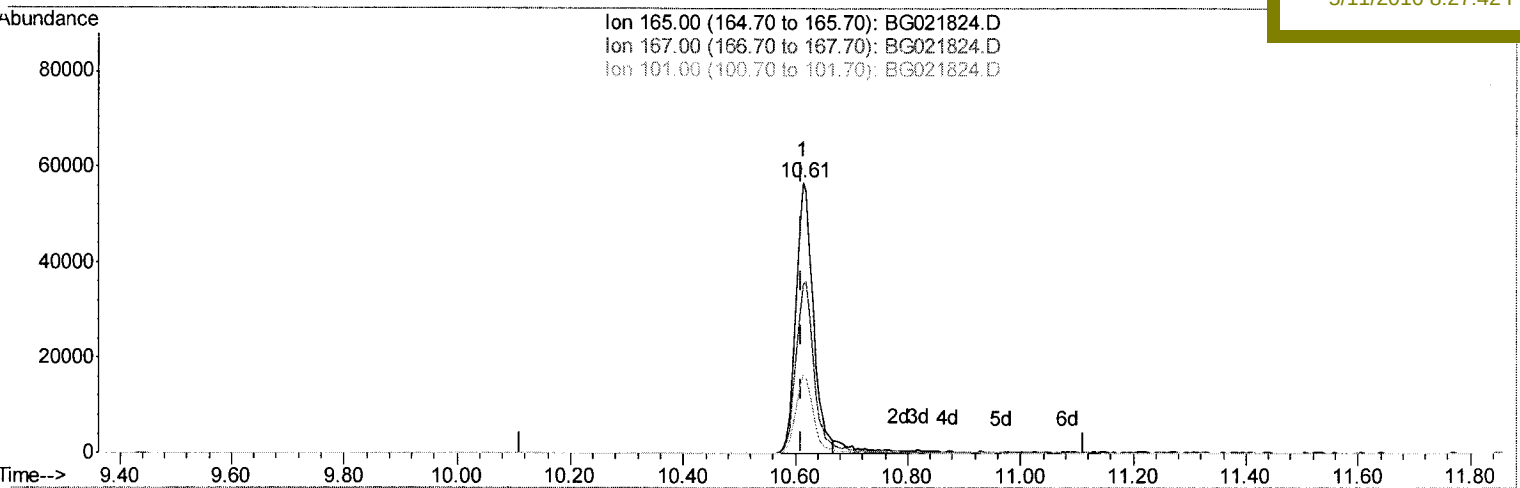
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

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 5/11/2016 8:27:42 PM

Quant Time: May 11 20:04:28 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: BG021824.D

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

10.613min (+0.001) 27.89ng/ul

response 119806

Ion	Exp%	Act%
165.00	100	100
167.00	66.50	62.94
101.00	41.00	29.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

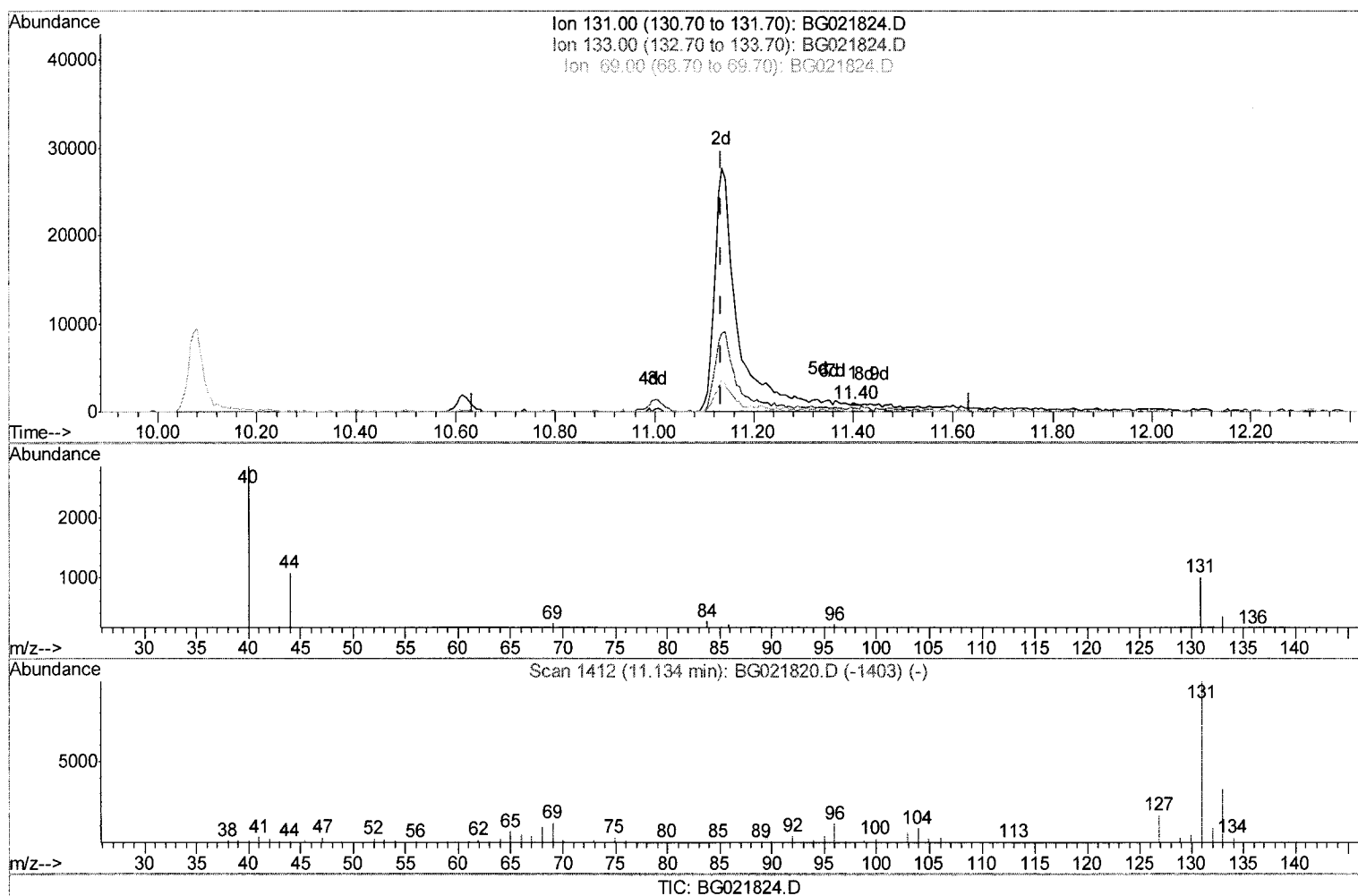
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

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Quant Time: May 11 20:04:28 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.400min (+0.266) 0.04ng/ul

response 182

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	34.10
69.00	23.00	22.57
0.00	0.00	0.00

Quantitation Report (Qedit)

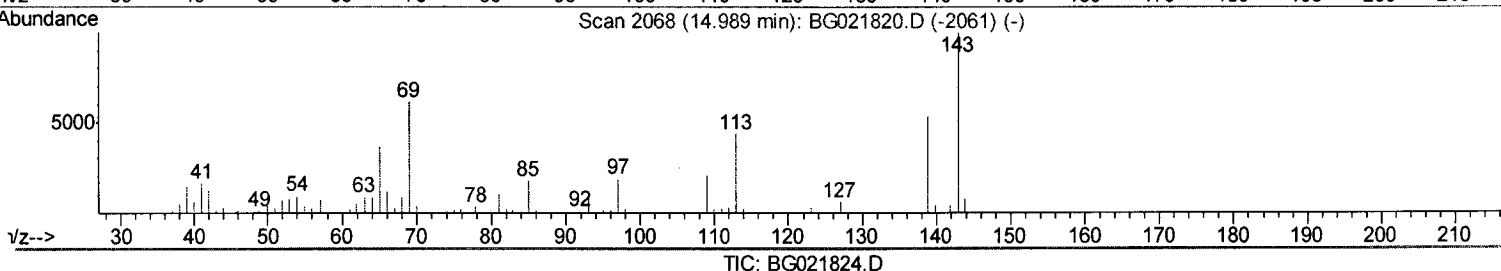
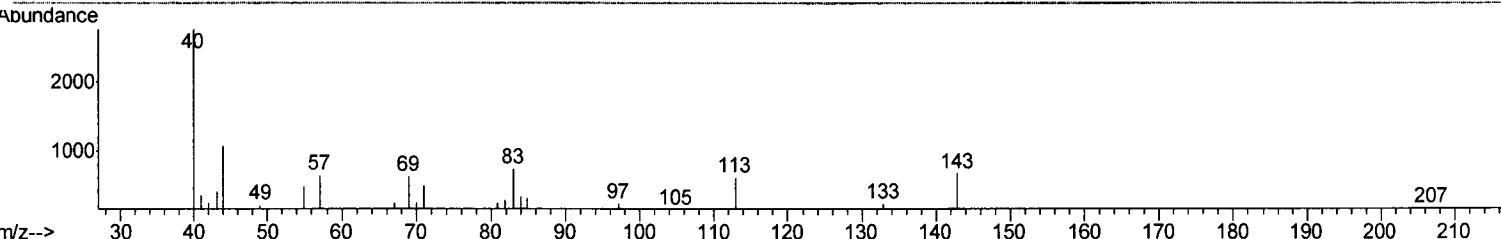
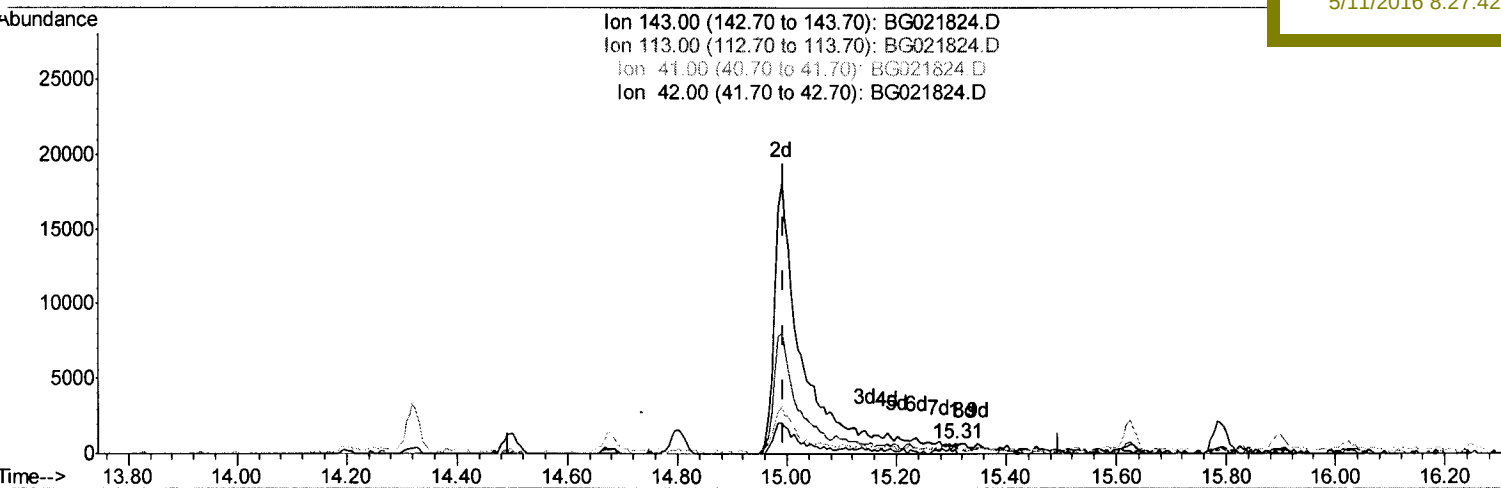
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
Data File : BG021824.D
Acq On : 10 May 2016 20:02
Operator : UM/SJ
Sample : H2938-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 11 20:04:28 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 :
D9XB2

Manual Integrations
APPROVED

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(52) 4-Nitrophenol-d4 (S)

15.307min (+0.313) 0.07ng/ul

response 166

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	91.78
41.00	49.70	52.77
42.00	33.70	37.52

Quantitation Report (Qedit)

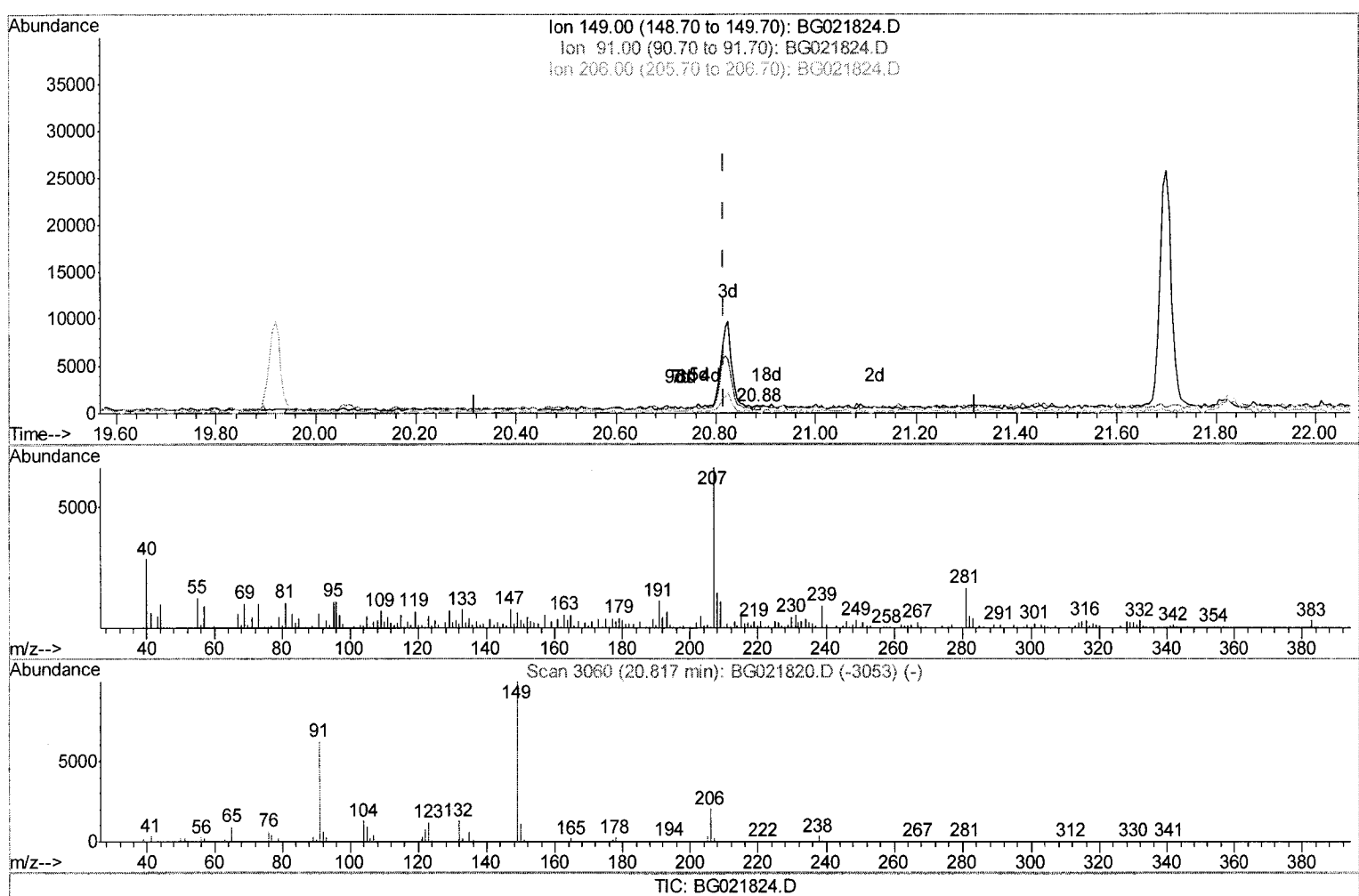
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB2

Manual Integrations
 APPROVED

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 5/11/2016 8:27:42 PM

Quant Time: May 11 20:04:28 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



(79) Butylbenzylphthalate

20.883min (+0.066) 0.07ng/ul

response 358

Ion	Exp%	Act%
149.00	100	100
91.00	82.30	91.17
206.00	19.40	22.54
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051016\
 Data File : BG021824.D
 Acq On : 10 May 2016 20:02
 Operator : UM/SJ
 Sample : H2938-14
 Misc :
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Instrument :
 BNA G
 ClientSampleId :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	74691	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365800	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	206006	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	417210	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	408281	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	401933	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7086m }	4.58	ng/uL	0.00
5) Phenol-d5	7.33	99	139081	25.10	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.50	67	70766	25.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	127142	29.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	86618m }	18.61	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	67754	28.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	65751	43.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	125818m }	29.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	94196m }	20.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	414497	28.65	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	560450	27.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	65345m }	26.35	ng/ul	0.00
58) Fluorene-d10	15.79	176	377508	24.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	40984	35.46	ng/ul	0.00
71) Anthracene-d10	17.65	188	513572	25.29	ng/ul	0.00
77) Pyrene-d10	19.92	212	560824	29.35	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	505195	26.45	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	14.25	163	79901	5.42 ng/ul	99
75) Fluoranthene	19.58	202	30554	1.18 ng/ul#	92
78) Pyrene	19.94	202	29922	1.27 ng/ul#	90
79) Butylbenzylphthalate	20.82	149	14535m }	2.78 ng/ul	
82) Bis(2-ethylhexyl)phthalate	21.70	149	41647	4.89 ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	30626	1.33 ng/ul#	91

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