

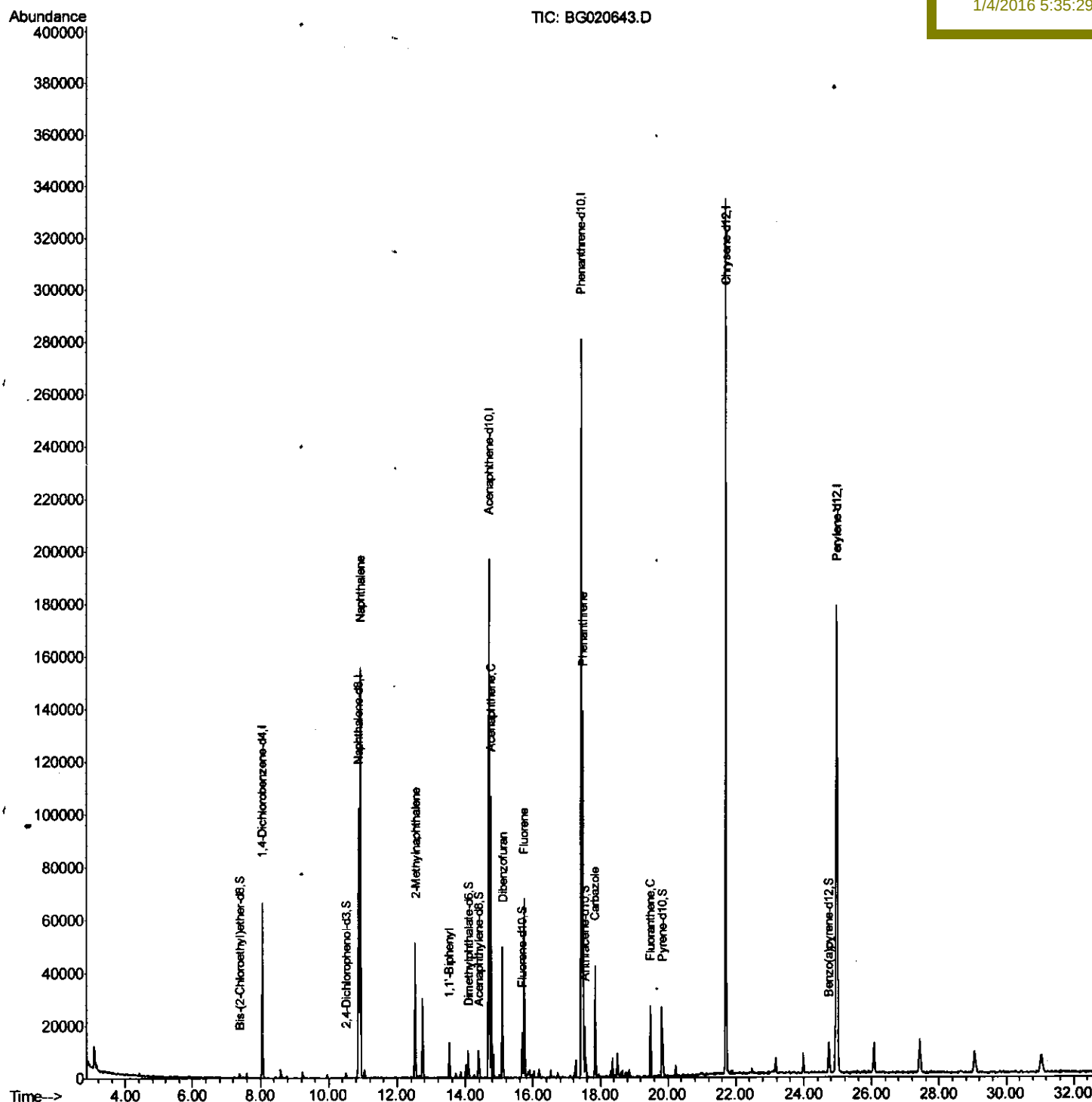
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
Data File : BG020643.D
Acq On : 31 Dec 2015 15:57
Operator : UM/SJ
Sample : G4846-18DL 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jan 01 03:52:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
Last Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N64DL

Manual Integrations
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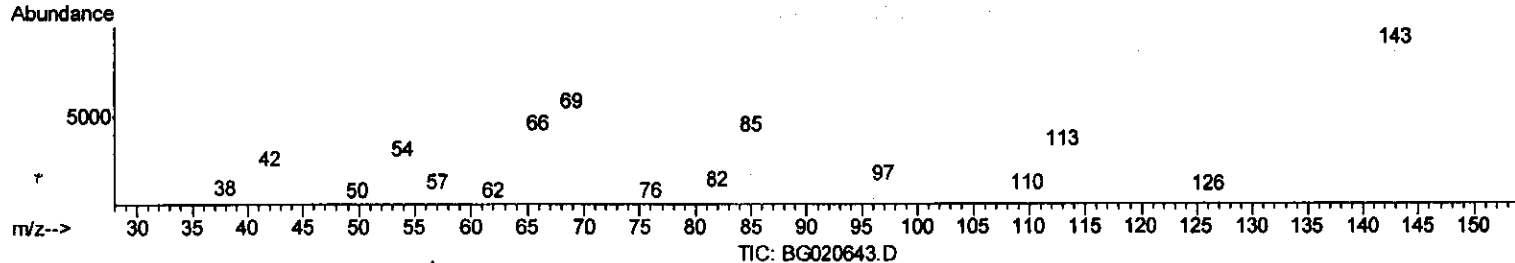
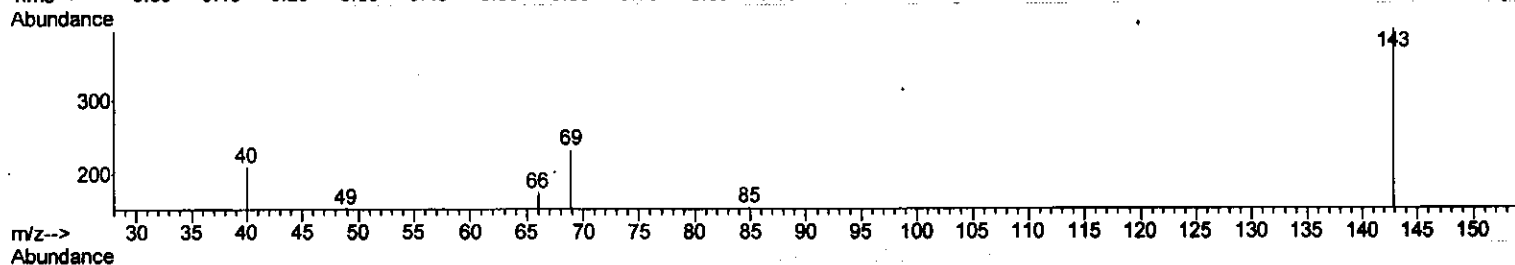
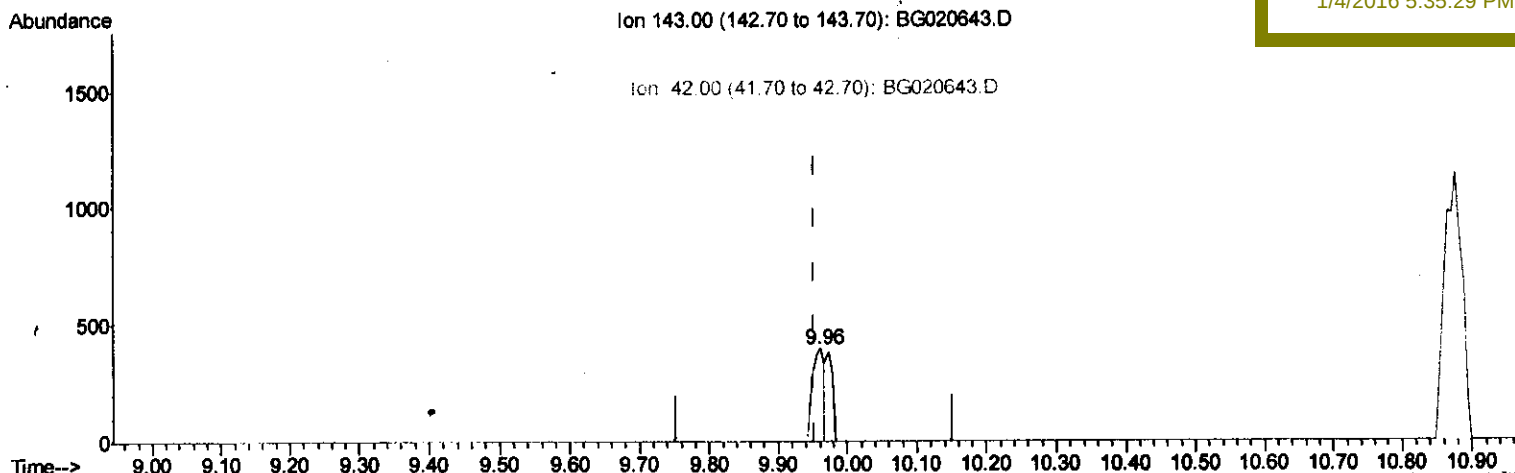
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Data File : BG020643.D
Acq On : 31 Dec 2015 15:57
Operator : UM/SJ
Sample : G4846-18DL 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jan 01 03:19:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
D9N64DL

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.960min (+0.008) 0.59ng/ul

response 478

Ion	Exp%	Act%
143.00	100	100
69.00	47.30	58.88#
41.00	18.80	0.00#
42.00	17.80	0.00#

Quantitation Report (Qedit)

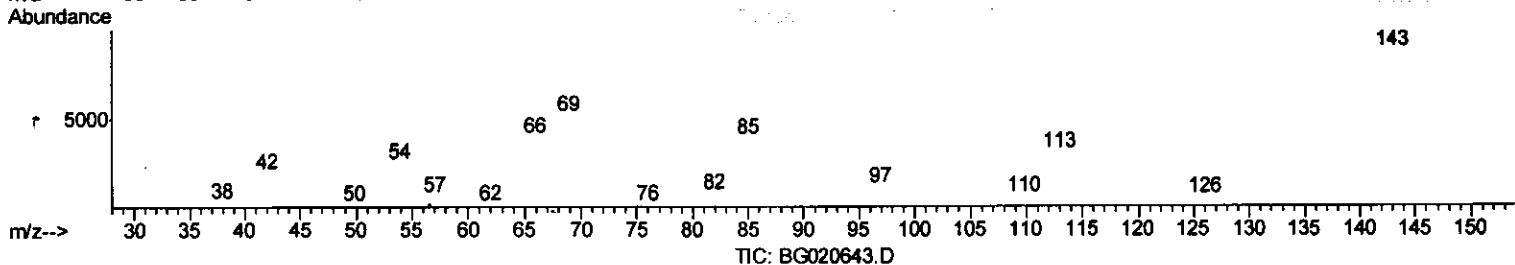
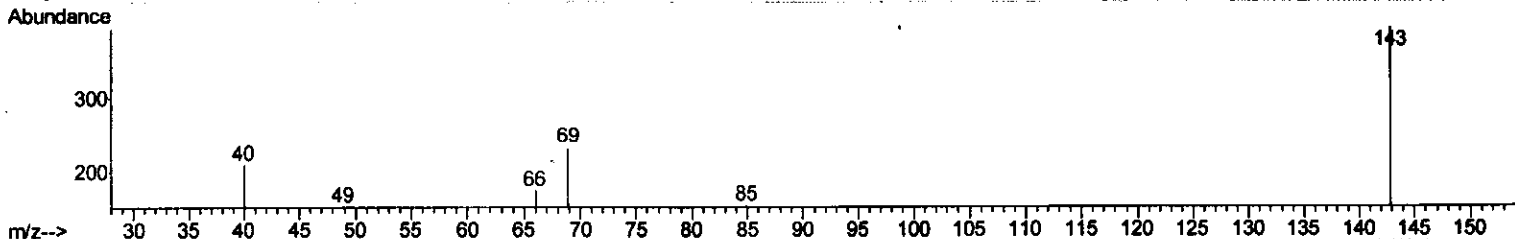
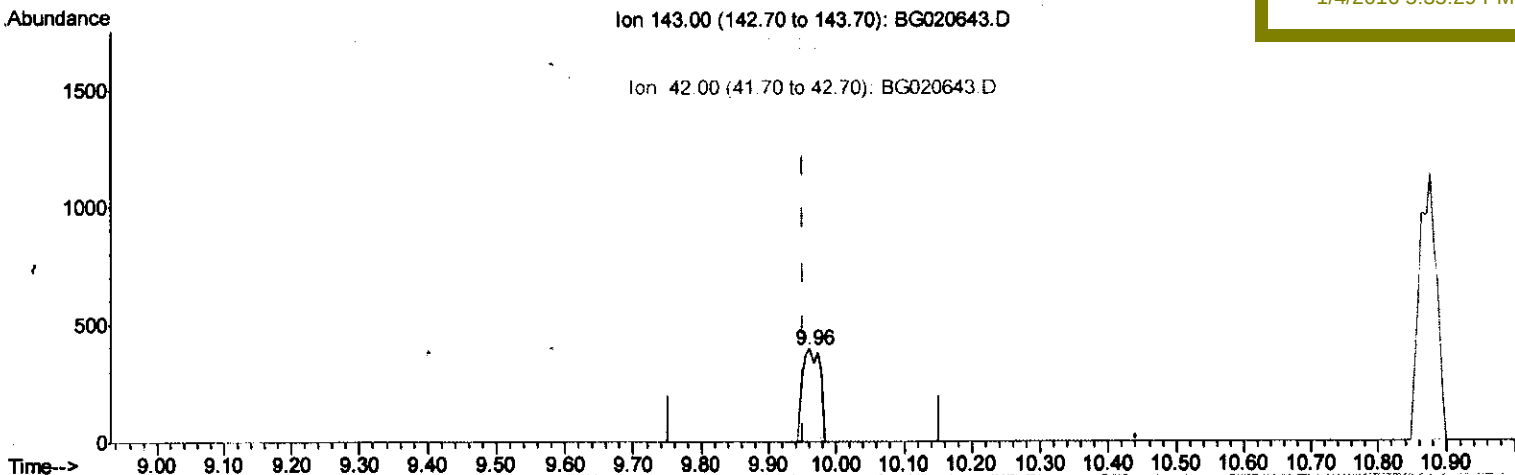
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 Acq On : 31 Dec 2015 15:57
 Operator : UM/SJ
 Sample : G4846-18DL 25X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

Quant Time: Jan 01 03:19:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
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Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.960min (+0.008) 0.89ng/ul m

response 718

U.M
 1/2/16

Ion	Exp%	Act%
143.00	100	100
69.00	47.30	58.88#
41.00	18.80	0.00#
42.00	17.80	0.00#

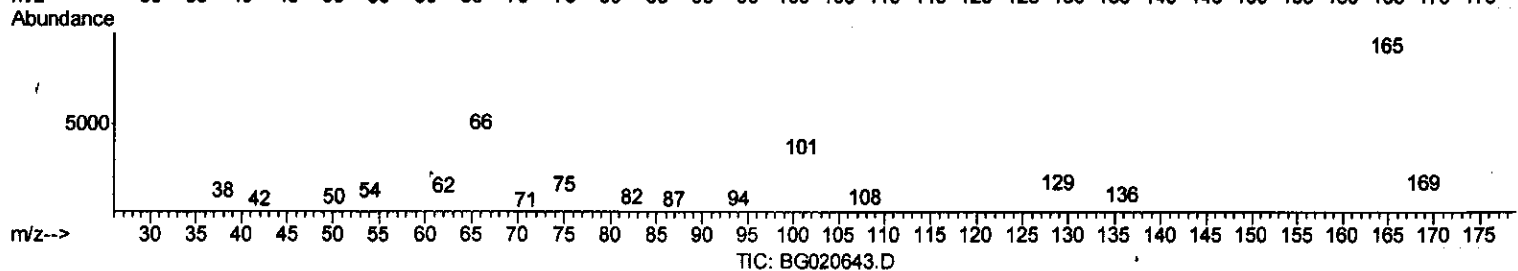
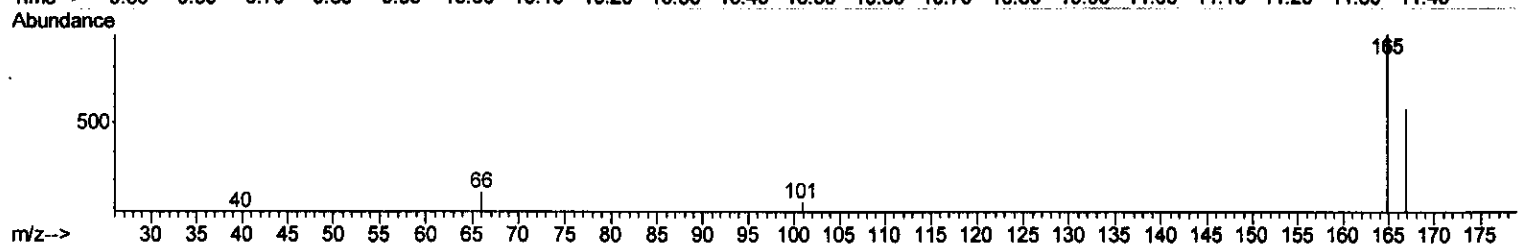
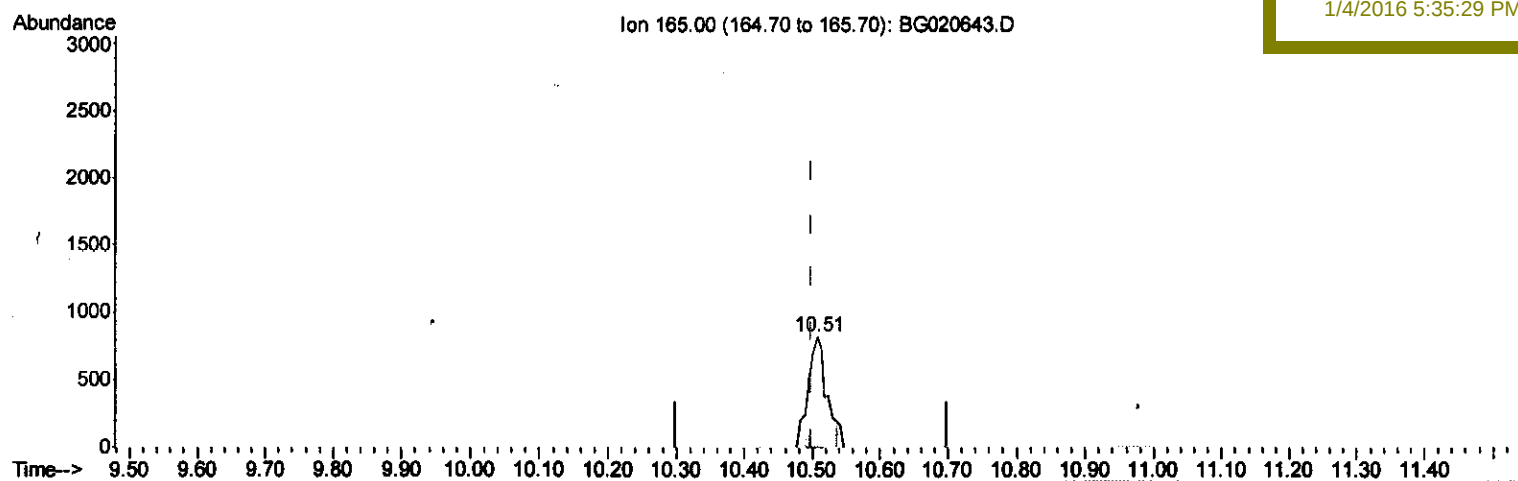
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QLast Update : Fri Jan 01 03:15:46 2016
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Instrument :
BNA_G
ClientSampleId :
D9N64DL

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

10.507min (+0.008) 0.99ng/ul

response 1522

Ion	Exp%	Act%
165.00	100	100
167.00	69.50	66.99
101.00	31.20	26.89
0.00	0.00	0.00

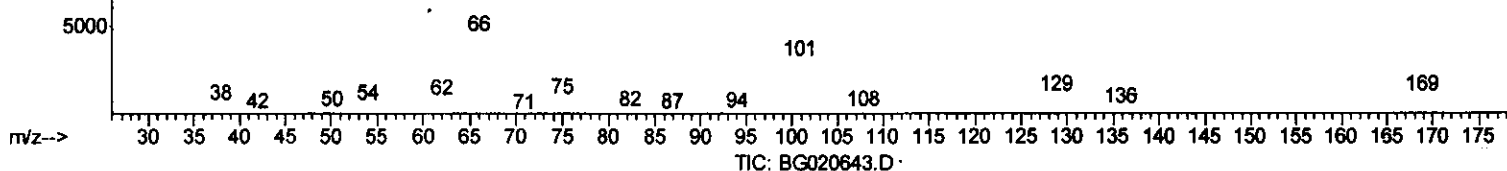
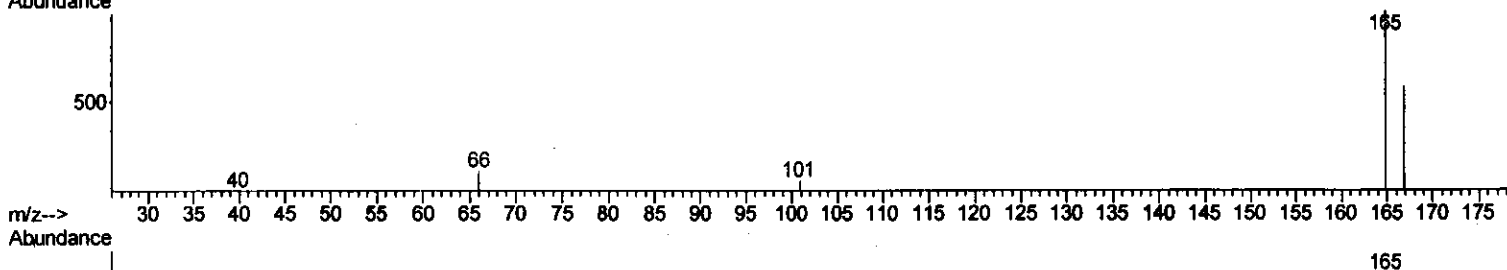
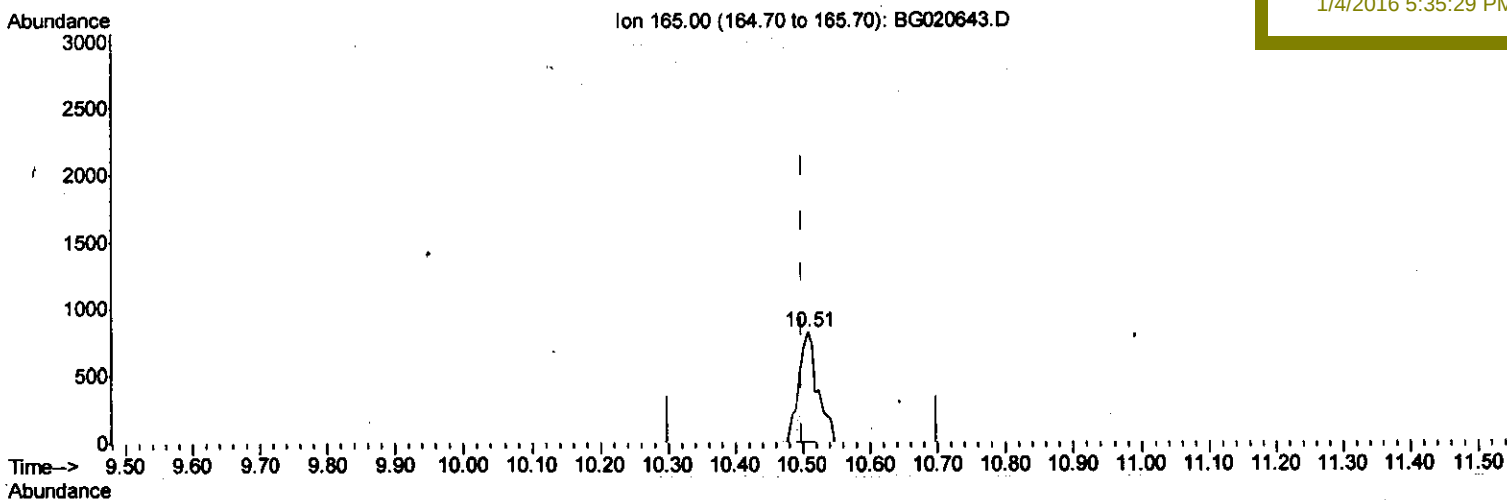
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Operator : UM/SJ
Sample : G4846-18DL 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jan 01 03:19:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N64DL

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

10.507min (+0.008) 1.03ng/ul m

response 1582

U.M
11/2/16

Ion	Exp%	Act%
165.00	100	100
167.00	69.50	66.99
101.00	31.20	26.89
0.00	0.00	0.00

Quantitation Report (Qedit)

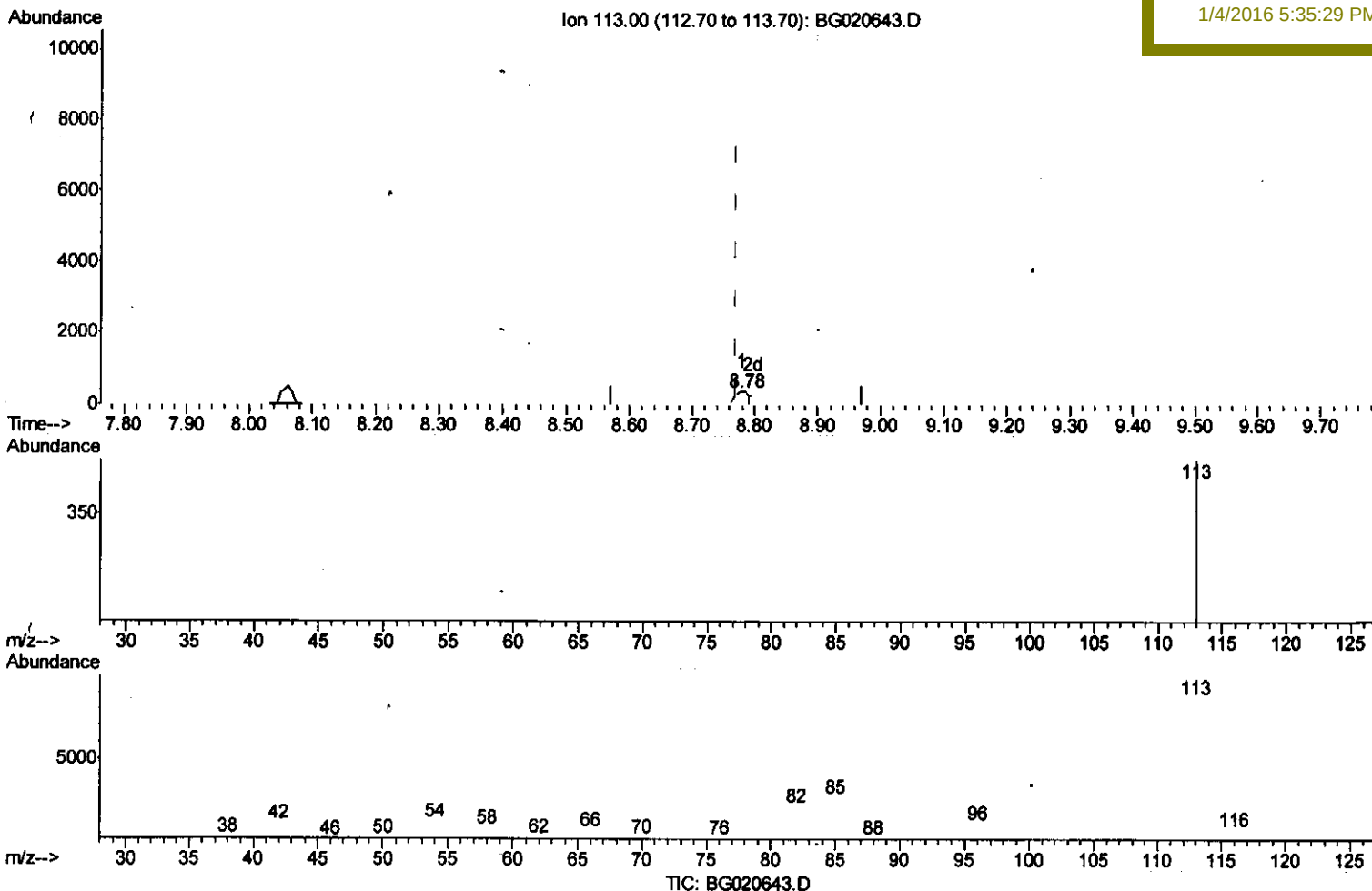
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 Data File : BG020643.D
 Acq On : 31 Dec 2015 15:57
 Operator : UM/SJ
 Sample : G4846-18DL 25X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jan 01 03:48:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.779min (+0.008) 0.36ng/ul

response 537

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	83.78
54.00	13.30	0.00#
0.00	0.00	0.00

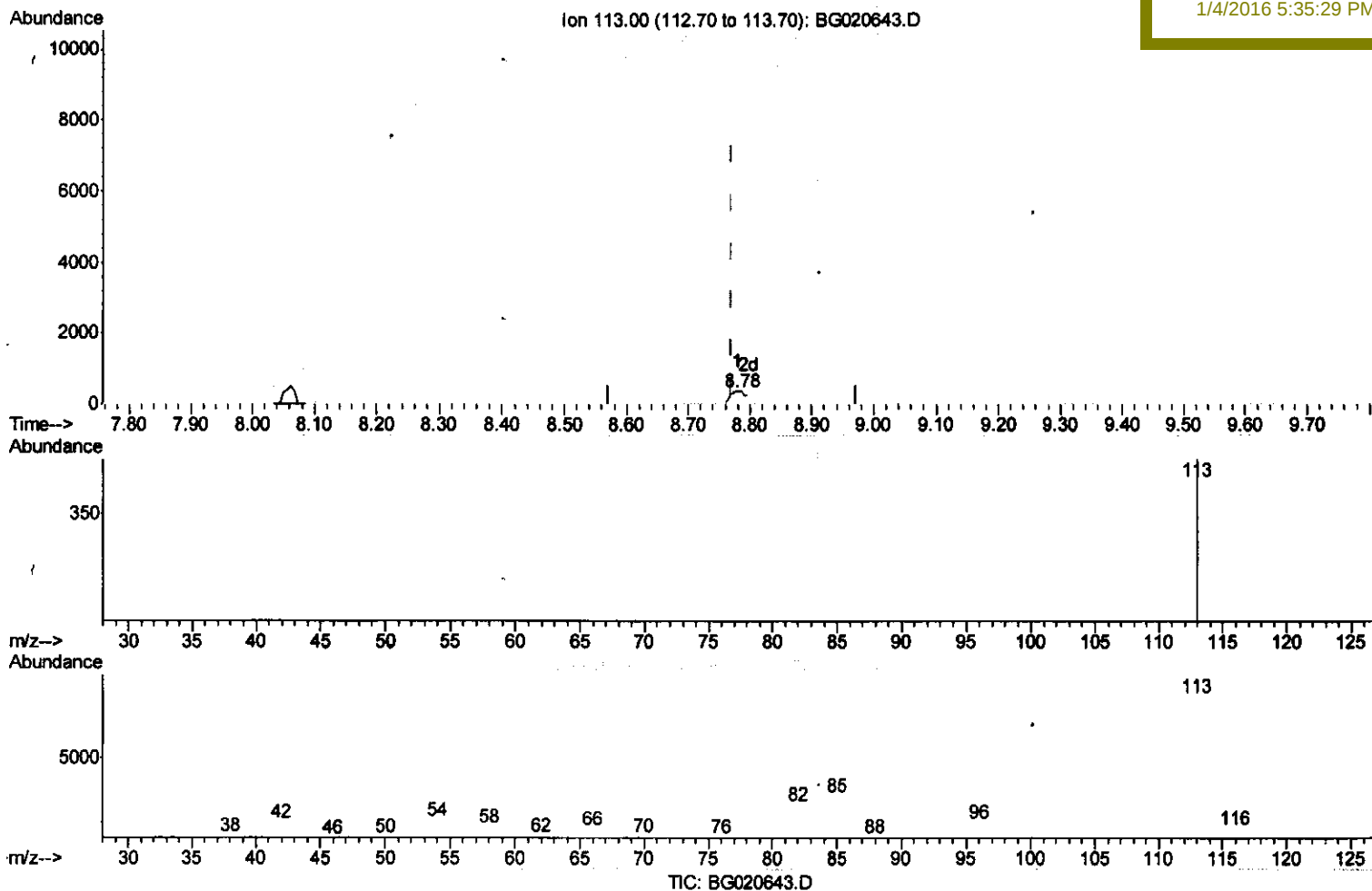
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Data File : BG020643.D
Acq On : 31 Dec 2015 15:57
Operator : UM/SJ
Sample : G4846-18DL 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Jan 01 03:48:02 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
D9N64DL

Manual Integrations
APPROVED

UMANGI
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(13) 4-Methylphenol-d8 (S)

8.779min (+0.008) 0.48ng/ul m

response 719

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	83.78
54.00	13.30	0.00#
0.00	0.00	0.00

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1/2/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
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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	8.06	152	20801	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	90316	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	69075	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	179510	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	219230	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	209181	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1221	1.15	ng/ul	0.01
9) 2-Chlorophenol-d4	7.59	132	1275	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	719m	0.48	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	644	0.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	718m	0.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	1582m	1.03	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	8238	1.46	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	9728	1.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	8200	1.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.54	188	13331	1.59	ng/ul	0.00
79) Pyrene-d10	19.83	212	15015	1.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	15808	1.51	ng/ul	-0.02

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Target Compounds					Qvalue
28) Naphthalene	10.92	128	134002	28.02 ng/ul	98
34) 2-Methylnaphthalene	12.53	142	25505	7.13 ng/ul	98
41) 1,1'-Biphenyl	13.53	154	8793	1.69 ng/ul#	95
50) Acenaphthene	14.76	153	46765	10.11 ng/ul	100
54) Dibenzofuran	15.09	168	36697	5.25 ng/ul	98
59) Fluorene	15.74	166	32215	5.73 ng/ul	93
70) Phenanthrene	17.48	178	92785	9.51 ng/ul	99
75) Carbazole	17.85	167	30903	3.67 ng/ul	98
77) Fluoranthene	19.49	202	20280	1.70 ng/ul	99

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