

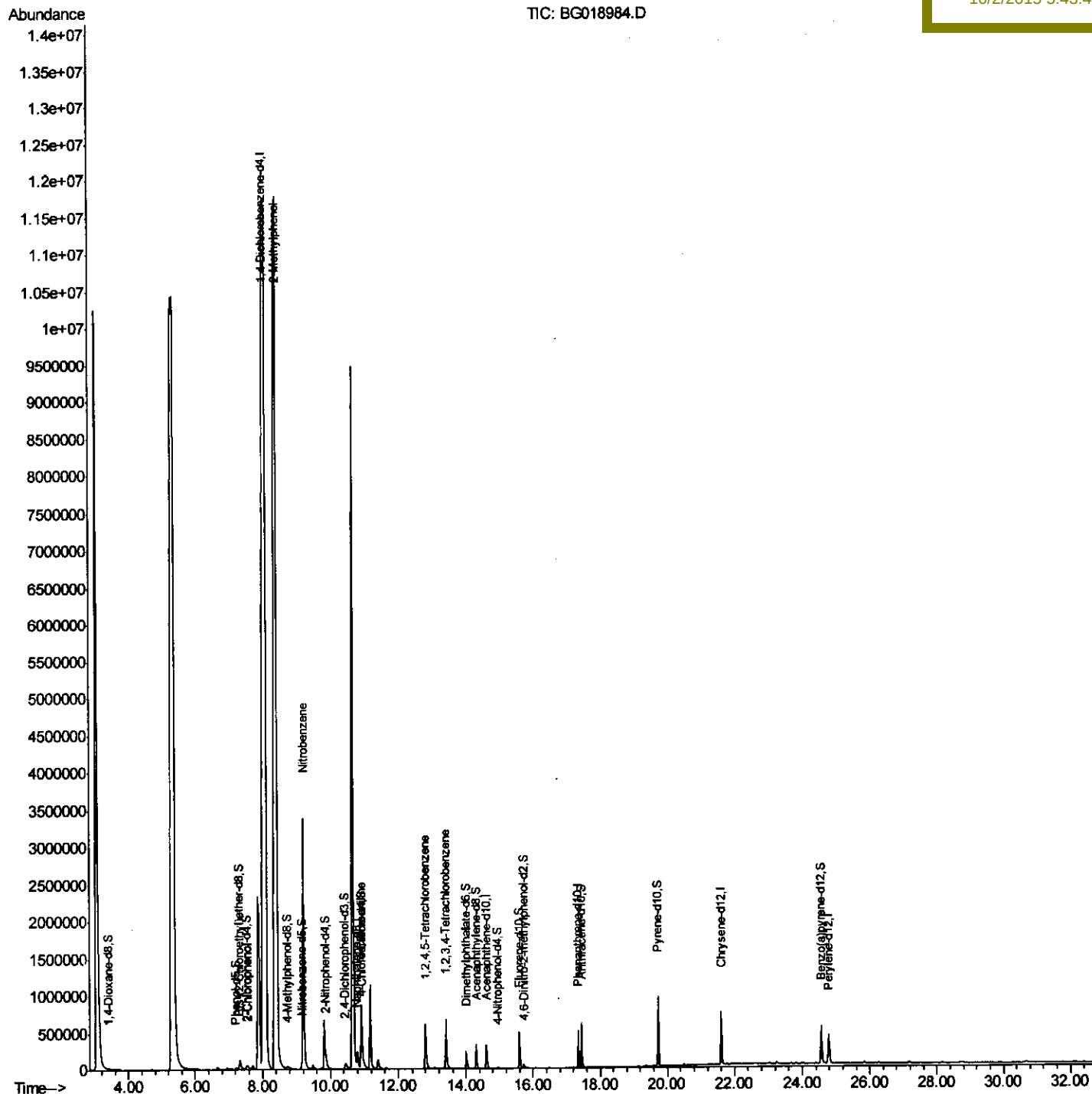
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018984.D
Acq On : 1 Oct 2015 18:15
Operator : UM/NP
Sample : G3831-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AR5

Quant Time: Oct 02 11:48:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:17:47 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:43:44 PM



Quantitation Report (Qedit)

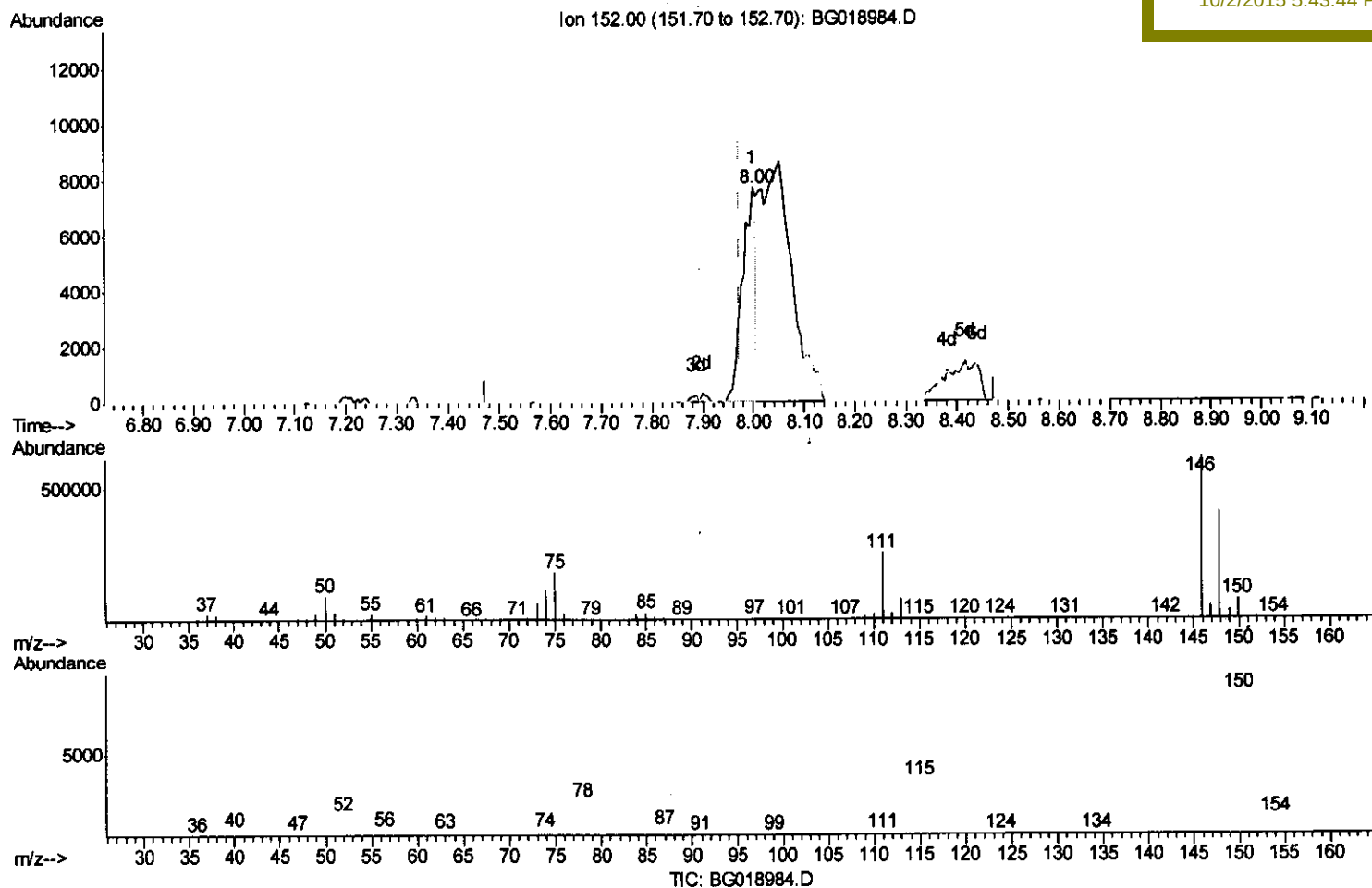
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAR5

Quant Time: Oct 02 11:35:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(1) 1,4-Dichlorobenzene-d4 (I)

7.998min (+0.026) 20.00ng/ul

response 14560

Ion	Exp%	Act%
152.00	100	100
115.00	59.40	47.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

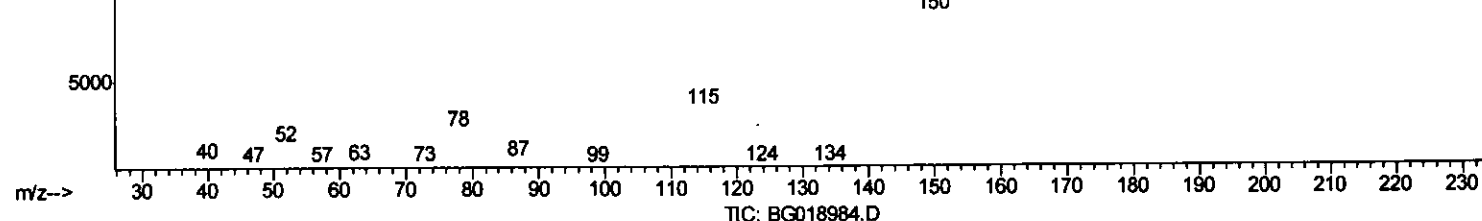
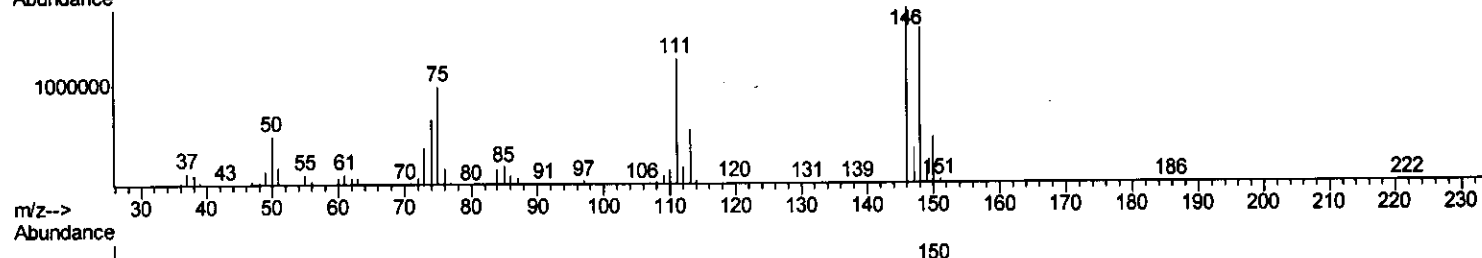
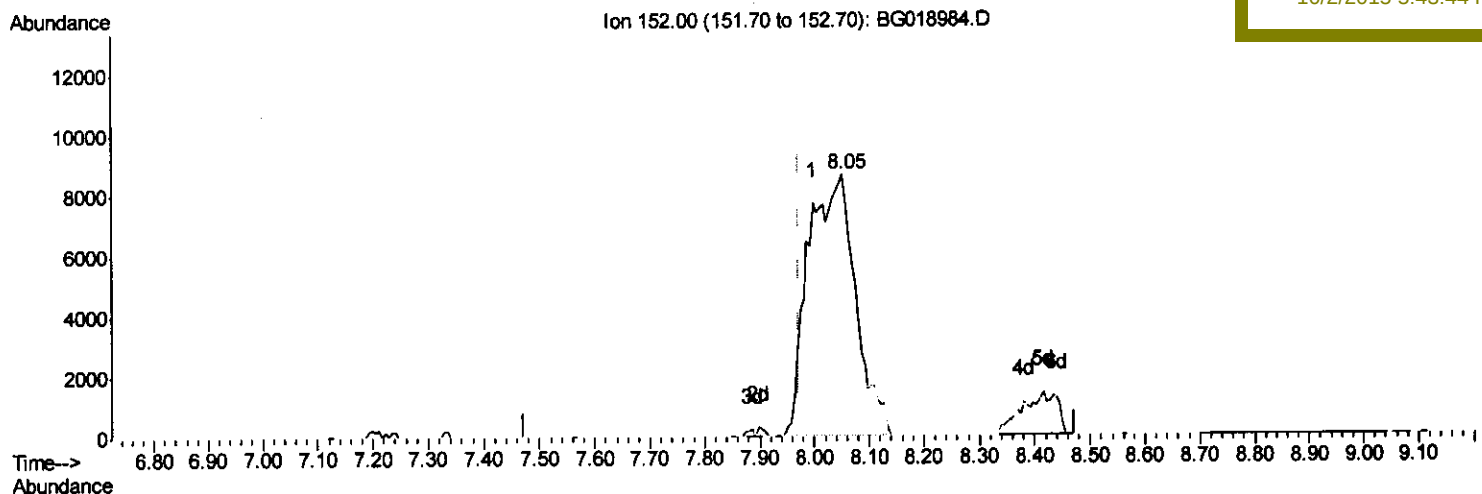
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:35:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(1) 1,4-Dichlorobenzene-d4 (I)

8.051min (+0.079) 20.00ng/ul m

response 51525

Ion	Exp%	Act%
152.00	100	100
115.00	59.40	60.26
0.00	0.00	0.00
0.00	0.00	0.00

> D.M
 1015115

Quantitation Report (Qedit)

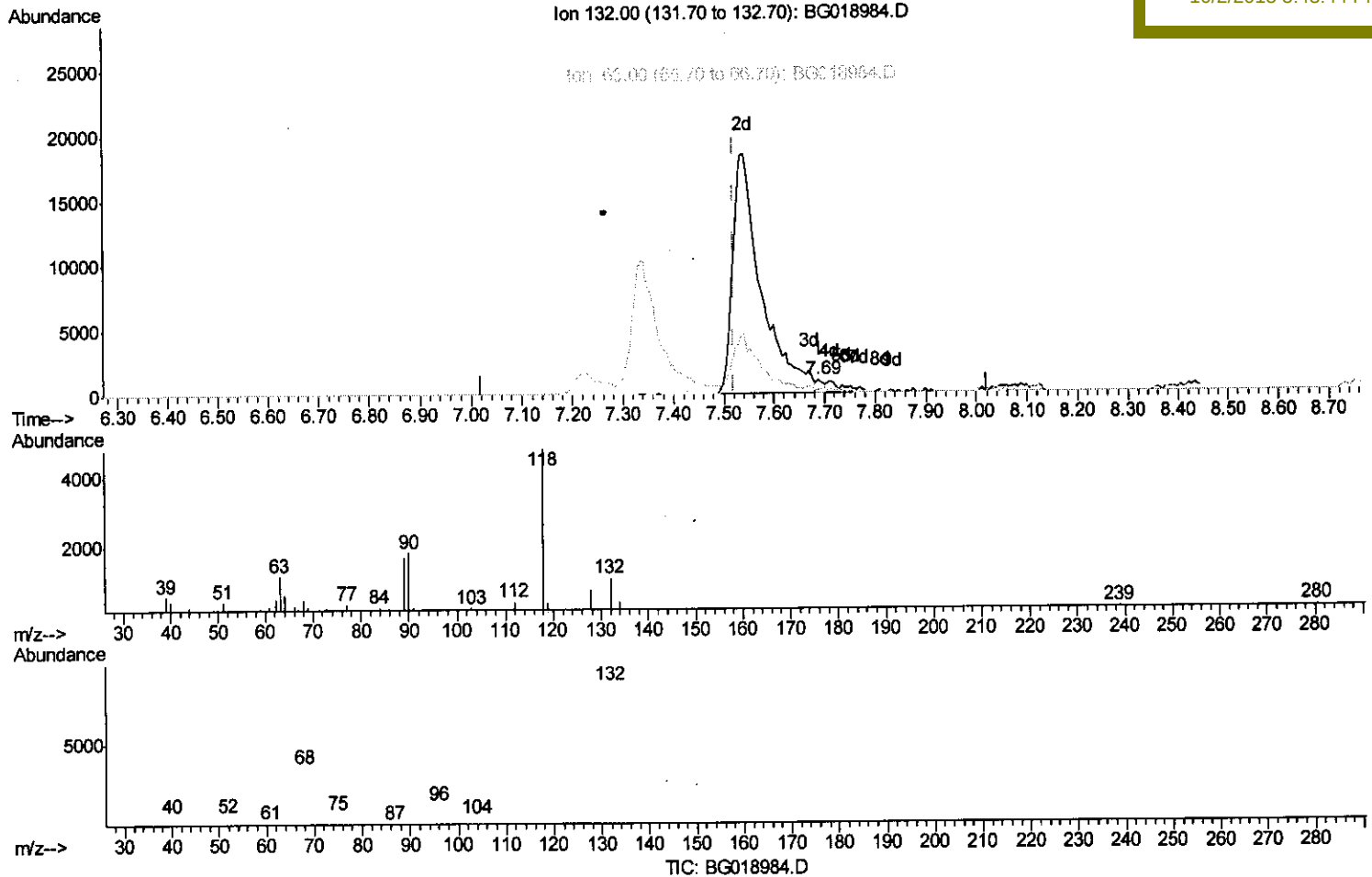
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(9) 2-Chlorophenol-d4 (S)

7.687min (+0.167) 0.29ng/ul

response 922

Ion	Exp%	Act%
132.00	100	100
134.00	33.10	36.65
68.00	41.10	41.82
66.00	28.80	25.84

Quantitation Report (Qedit)

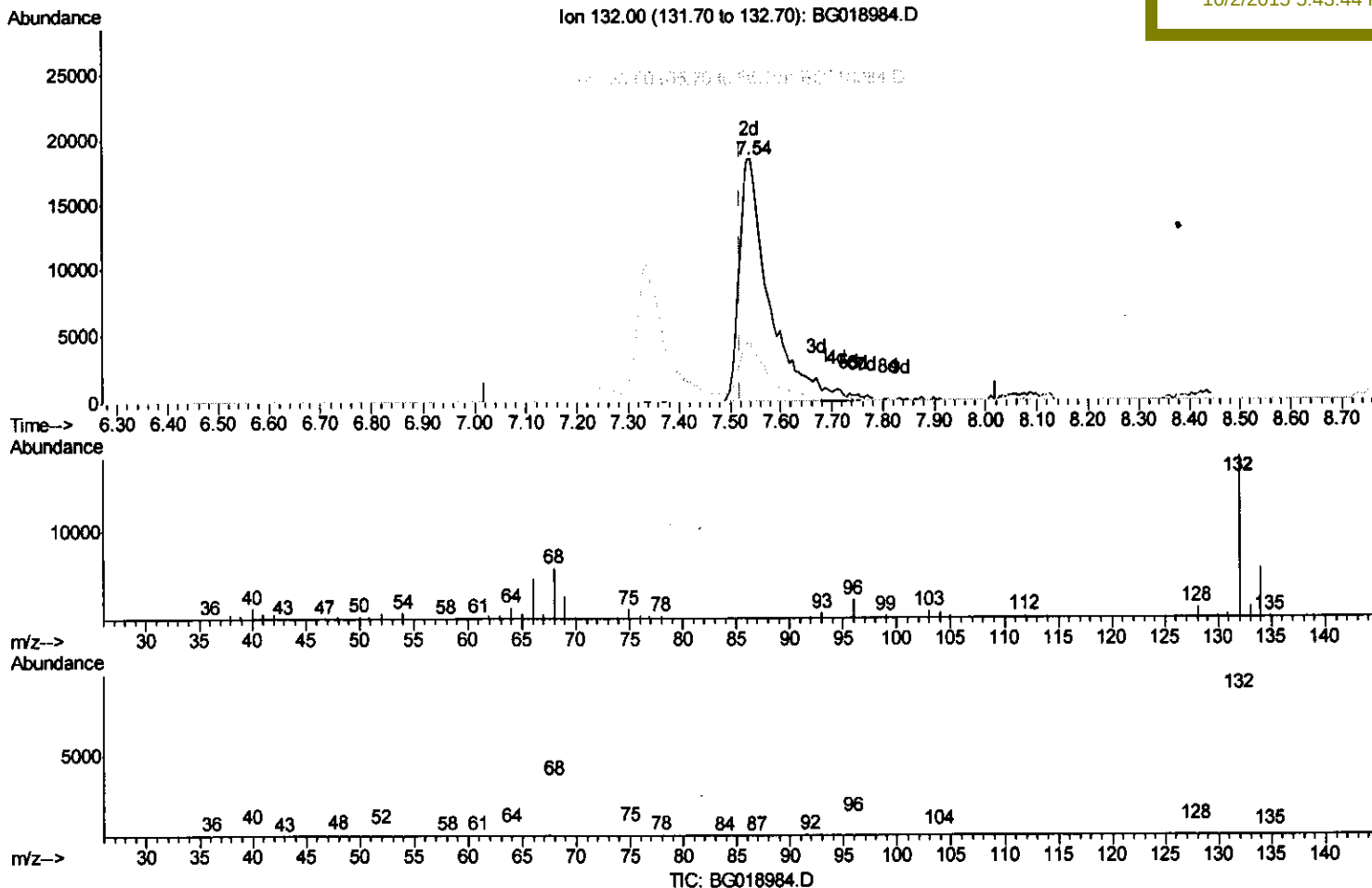
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(9) 2-Chlorophenol-d4 (S)

7.540min (+0.020) 22.81ng/ul m

response 73083

Ion	Exp%	Act%
132.00	100	100
134.00	33.10	30.73
68.00	41.10	31.60#
66.00	28.80	25.33

> U.M
 1015115

Quantitation Report (Qedit)

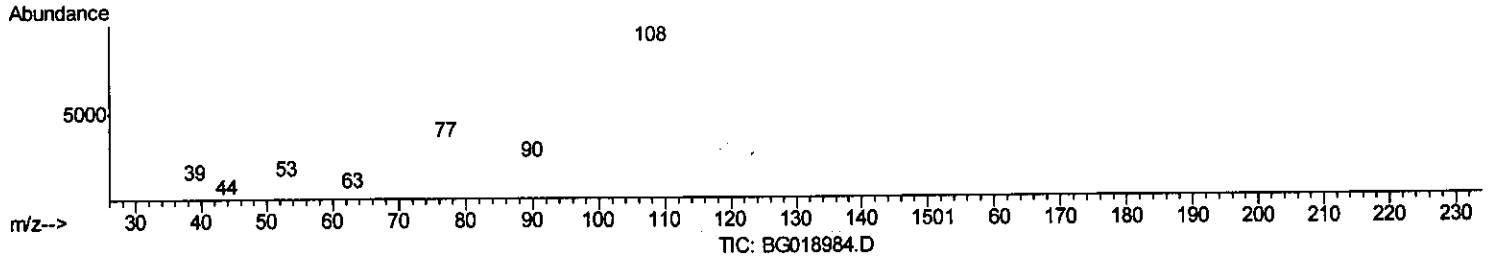
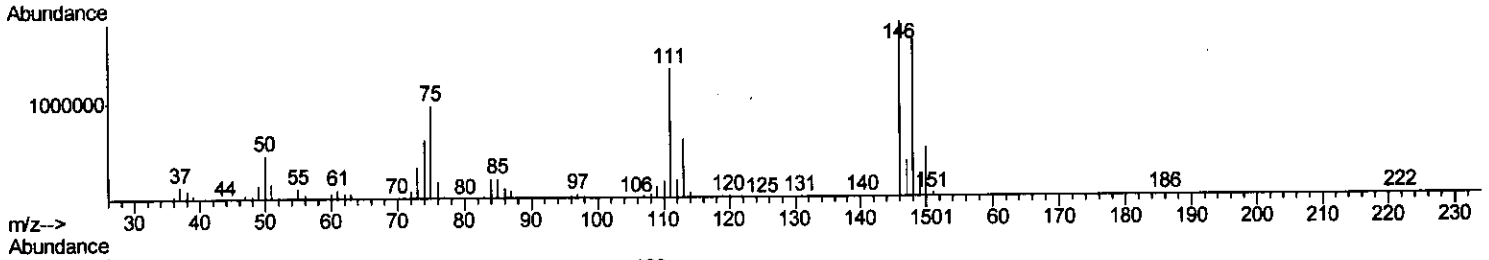
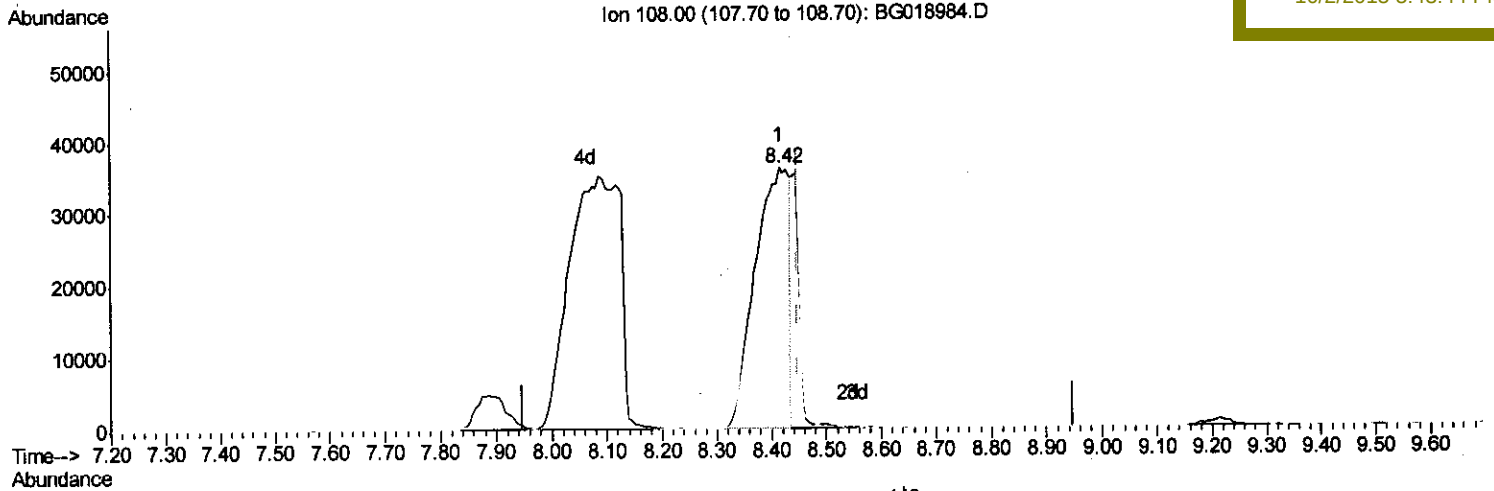
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(11) 2-Methylphenol

8.416min (-0.033) 45.78ng/ul

response 154089

Ion	Exp%	Act%
108.00	100	100
107.00	90.10	84.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

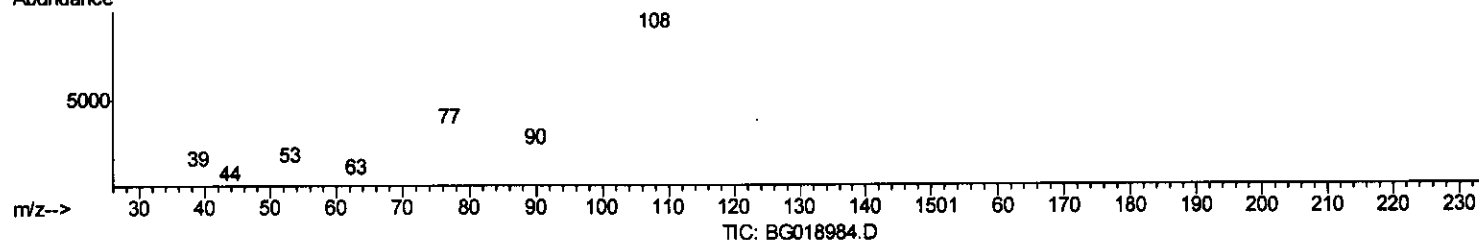
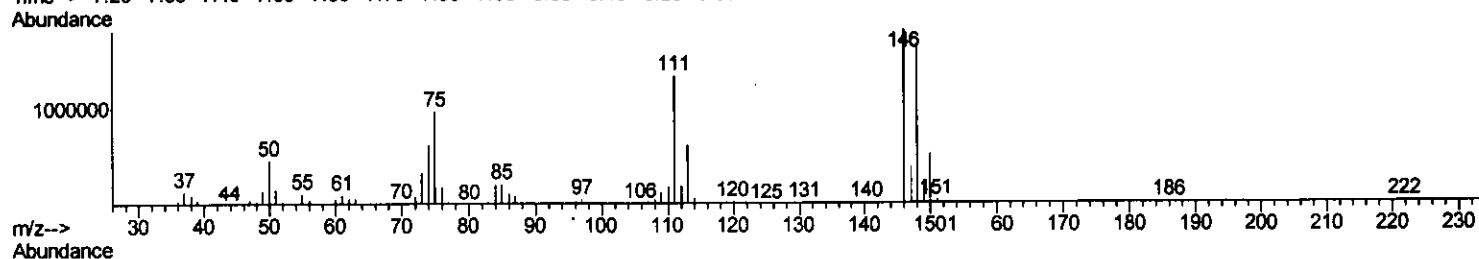
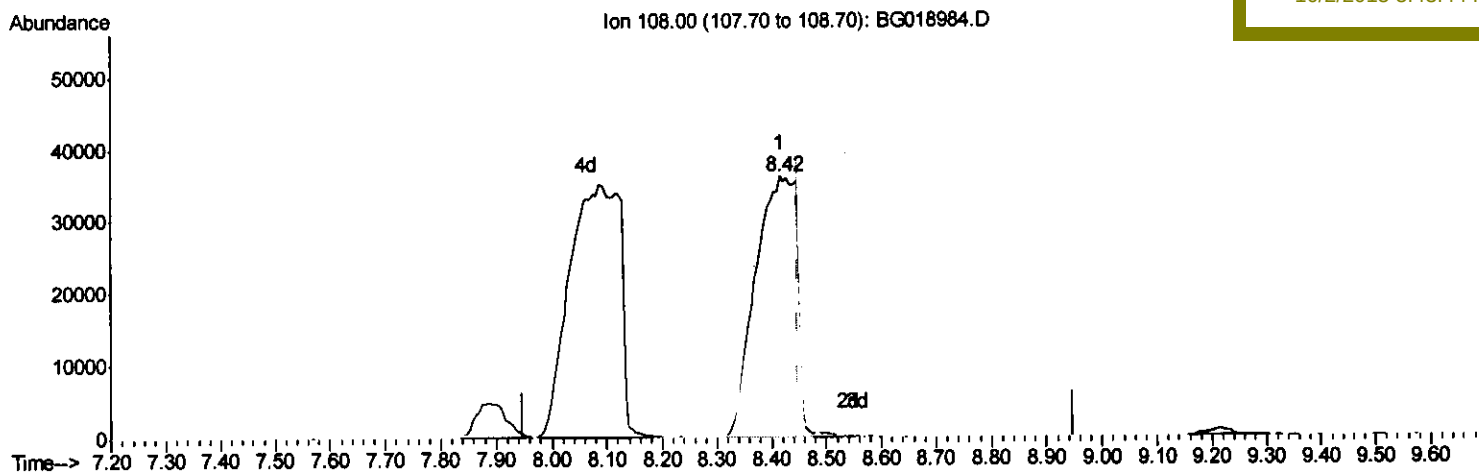
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(11) 2-Methylphenol

8.416min (-0.033) 55.17ng/ul m

response 185678

> $\frac{U.M}{101515}$

Ion	Exp%	Act%
108.00	100	100
107.00	90.10	84.22
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

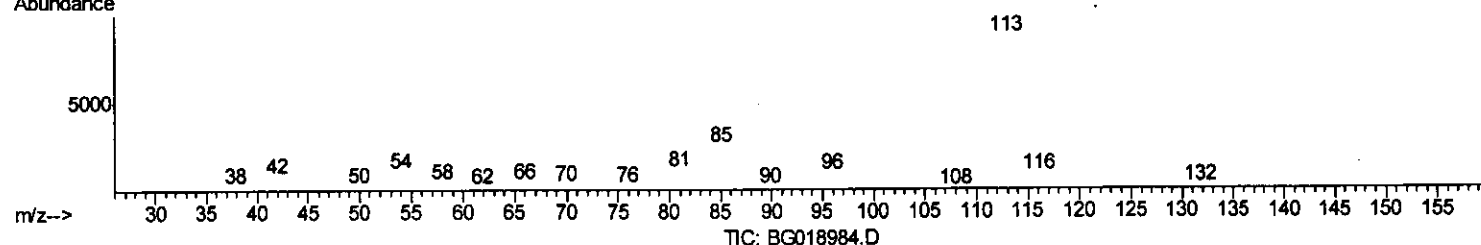
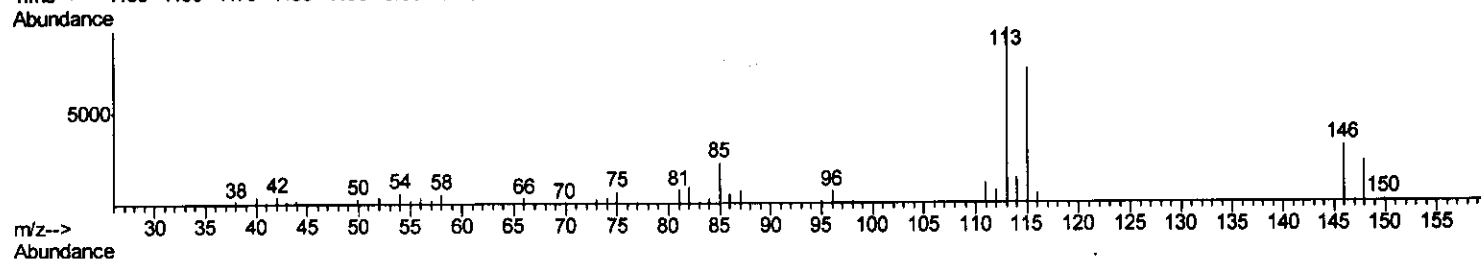
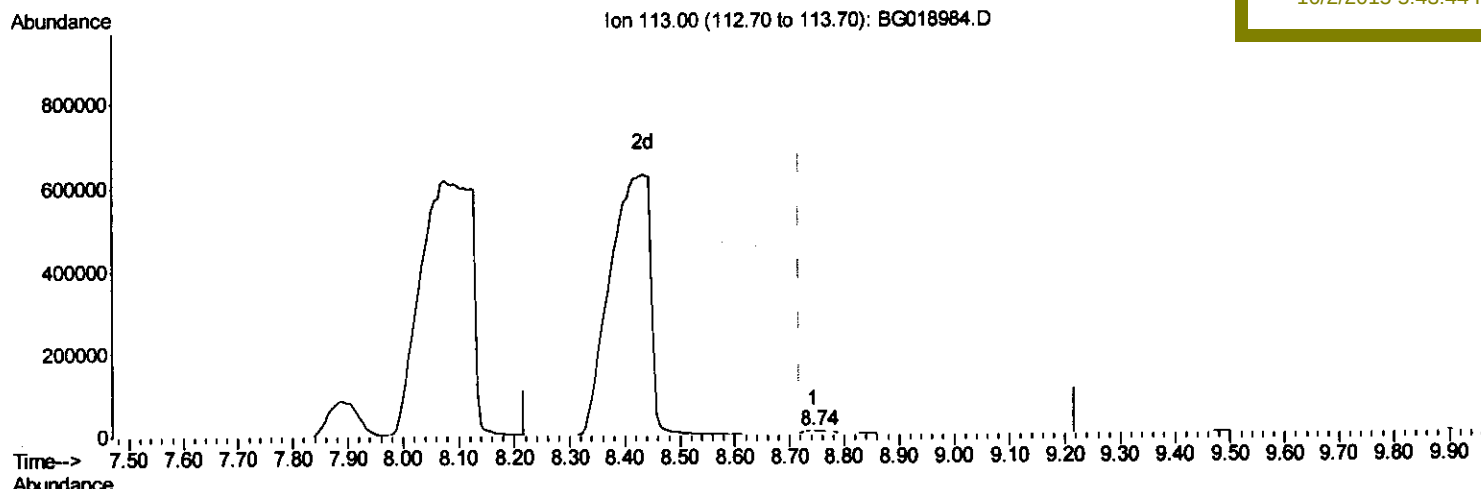
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(13) 4-Methylphenol-d8 (S)

8.745min (+0.026) 4.89ng/ul

response 16791

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	77.35
54.00	13.60	7.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

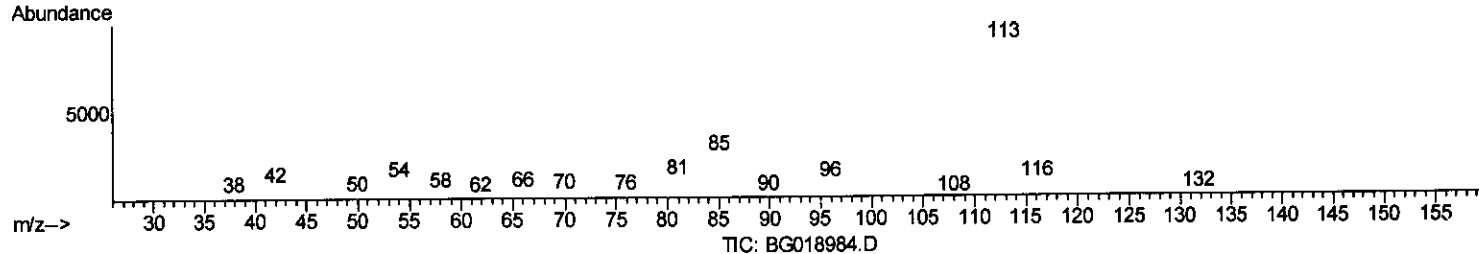
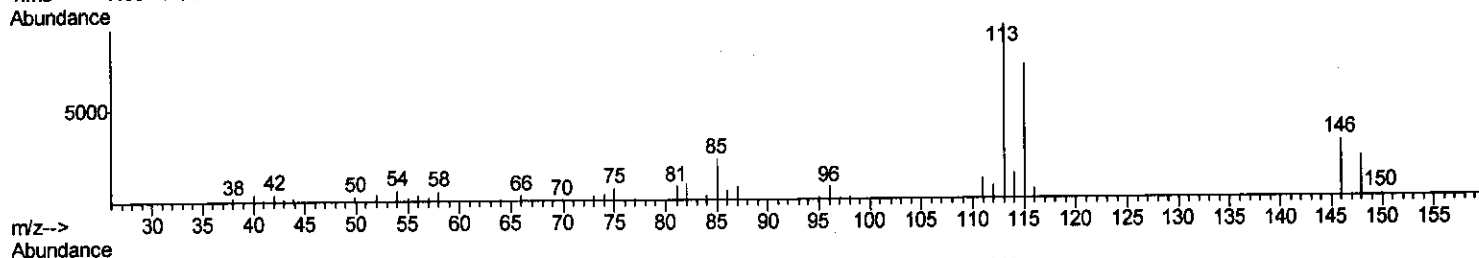
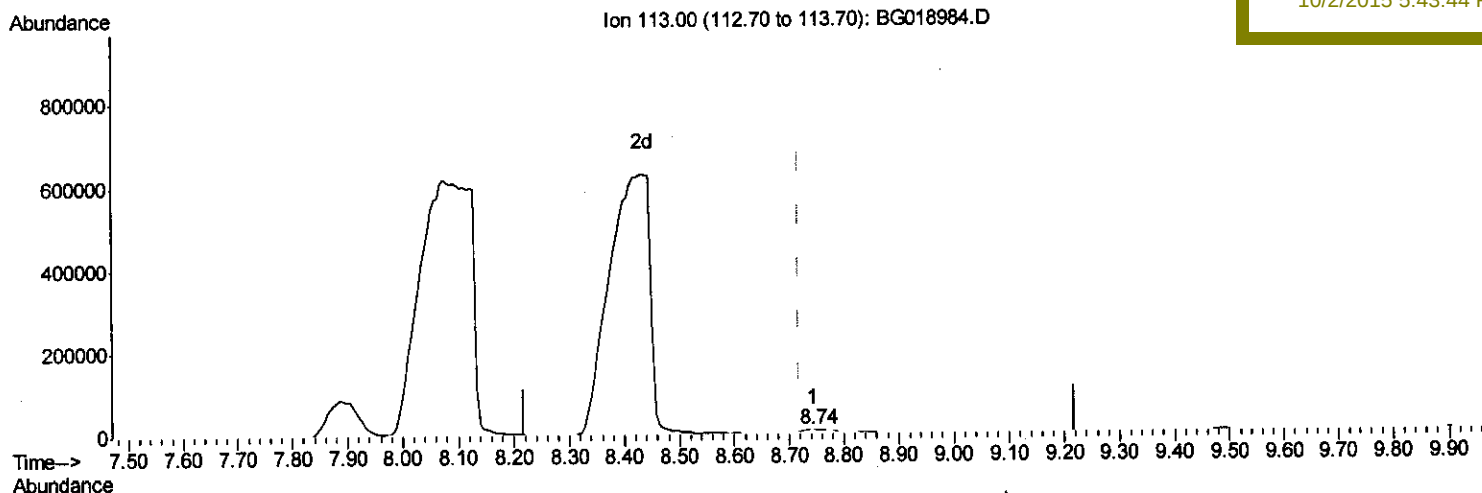
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.745min (+0.026) 10.92ng/ul m

response 37485

> 0.1 M
 1015115

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	77.35
54.00	13.60	7.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

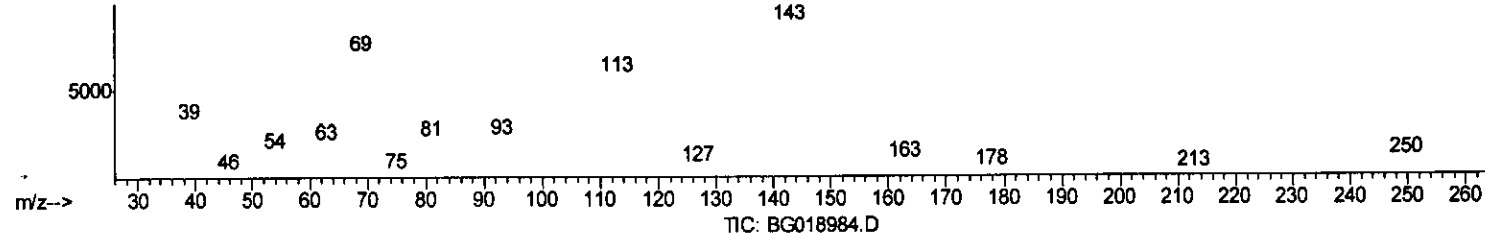
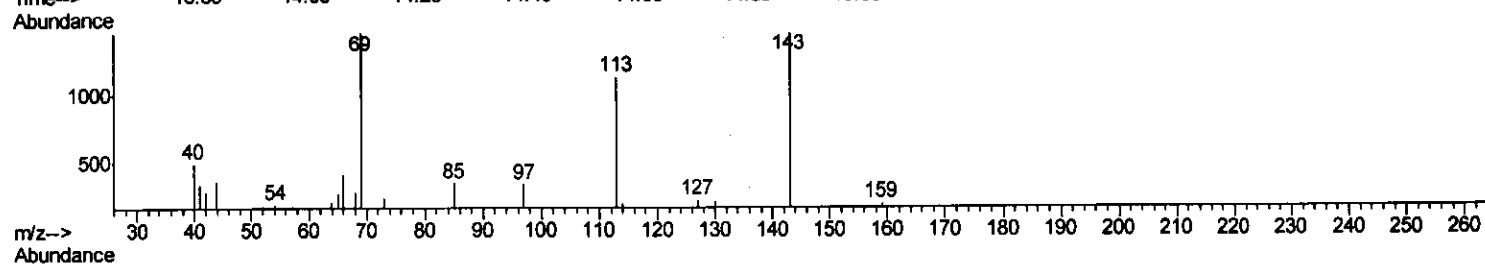
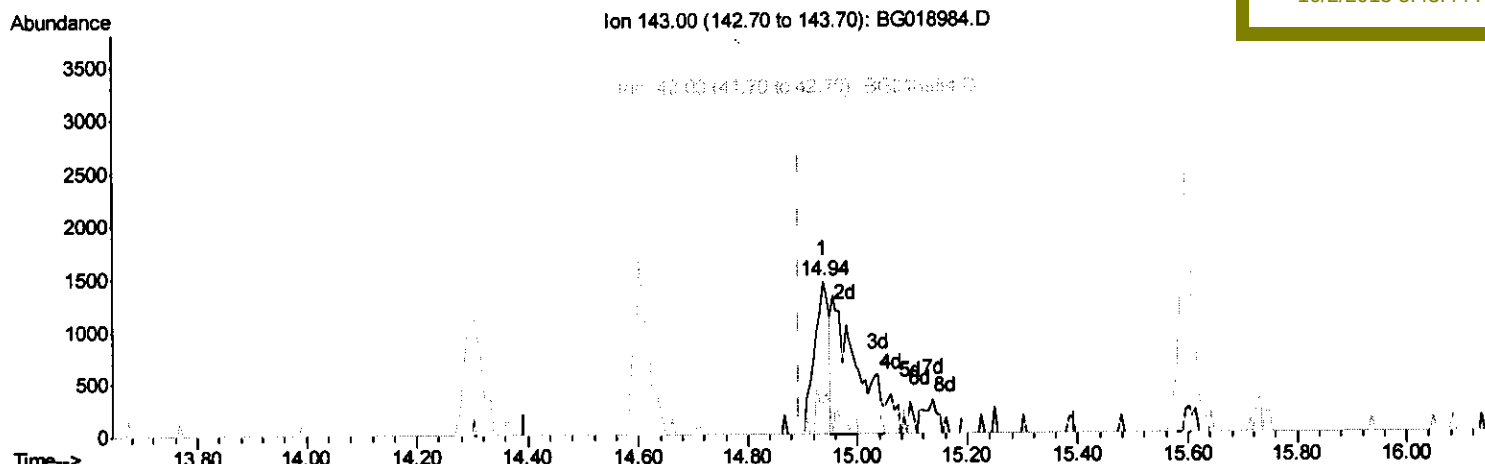
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(52) 4-Nitrophenol-d4 (S)

14.937min (+0.044) 1.14ng/ul

response 2691

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	77.59
41.00	51.70	23.30#
42.00	30.70	19.79#

Quantitation Report (Qedit)

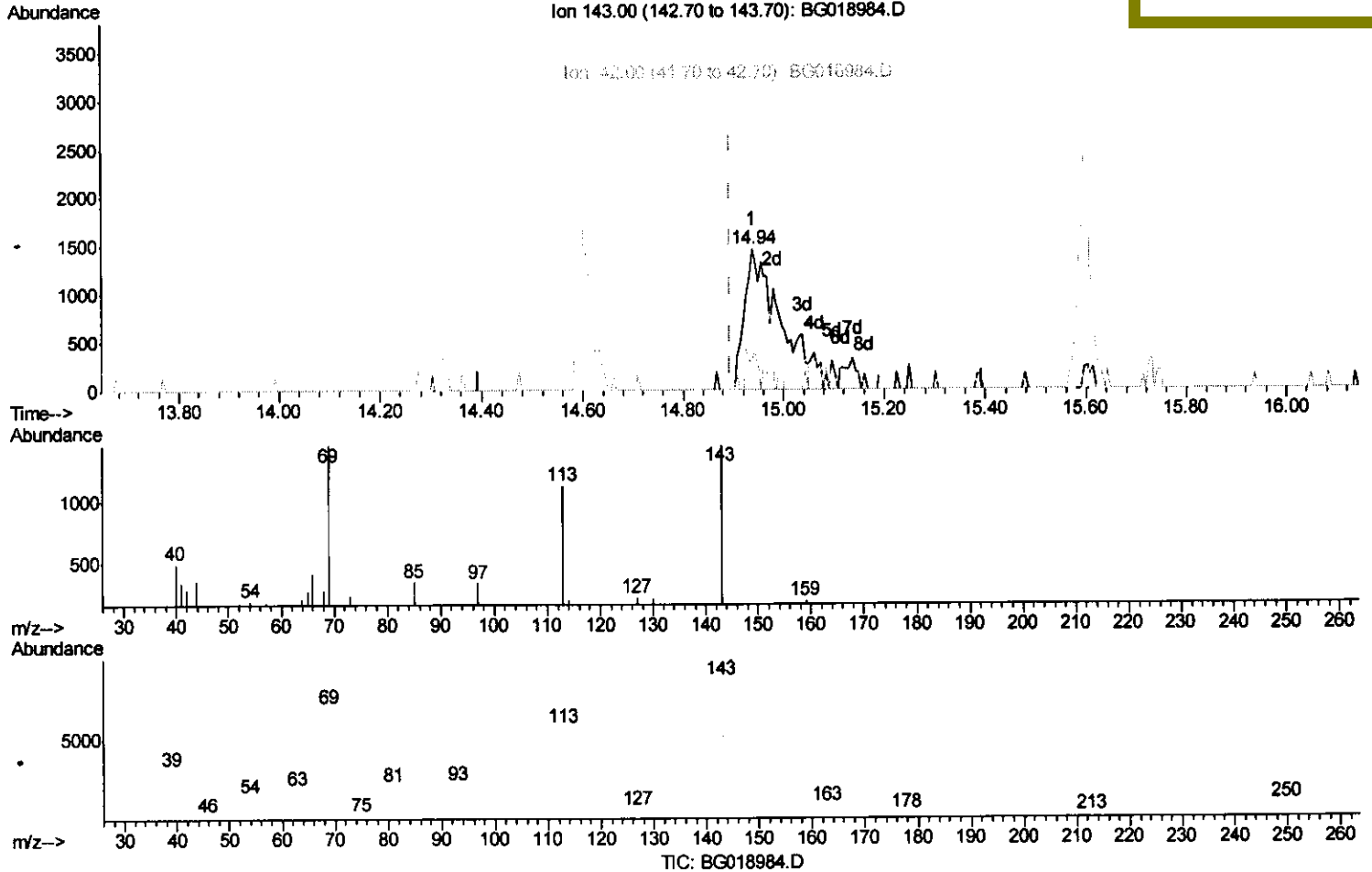
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR5

Quant Time: Oct 02 11:45:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:43:44 PM



(52) 4-Nitrophenol-d4 (S)

14.937min (+0.044) 2.92ng/ul m

response 6879

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	77.59
41.00	51.70	23.30#
42.00	30.70	19.79#

> U.M
 1015115

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018984.D
 Acq On : 1 Oct 2015 18:15
 Operator : UM/NP
 Sample : G3831-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAR5

Quant Time: Oct 02 11:48:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:17:47 2015
 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	8.05	152	51525m	20.00	ng/ul	0.08
18) Naphthalene-d8	10.80	136	239342	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	152707	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	384221	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	469801	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	452886	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1123	1.05	ng/uL	0.00
5) Phenol-d5	7.20	99	16582	3.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	68280	27.85	ng/ul	0.03
9) 2-Chlorophenol-d4	7.54	132	73083m	22.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.74	113	37485m	10.92	ng/ul	0.03
19) Nitrobenzene-d5	9.16	128	47354	26.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.87	143	46404	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	80110	20.86	ng/ul	0.01
29) 4-Chloroaniline-d4	10.94	131	9621	2.15	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	304970	24.82	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	364585	25.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	6879m	2.92	ng/ul	0.04
58) Fluorene-d10	15.60	176	271454	25.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	27063	14.88	ng/ul	0.00
71) Anthracene-d10	17.45	188	435429	25.74	ng/ul	0.00
79) Pyrene-d10	19.73	212	544849	25.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	569568	25.84	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.22	94	17510	4.00	ng/ul#	88
10) 2-Chlorophenol	7.57	128	19720	5.95	ng/ul	91
11) 2-Methylphenol	8.42	108	185678m	55.17	ng/ul	
20) Nitrobenzene	9.22	77	2950416	701.73	ng/ul#	80
30) 4-Chloroaniline	10.91	127	875591	189.50	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	321816	67.99	ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	324364	70.95	ng/uL	97

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