

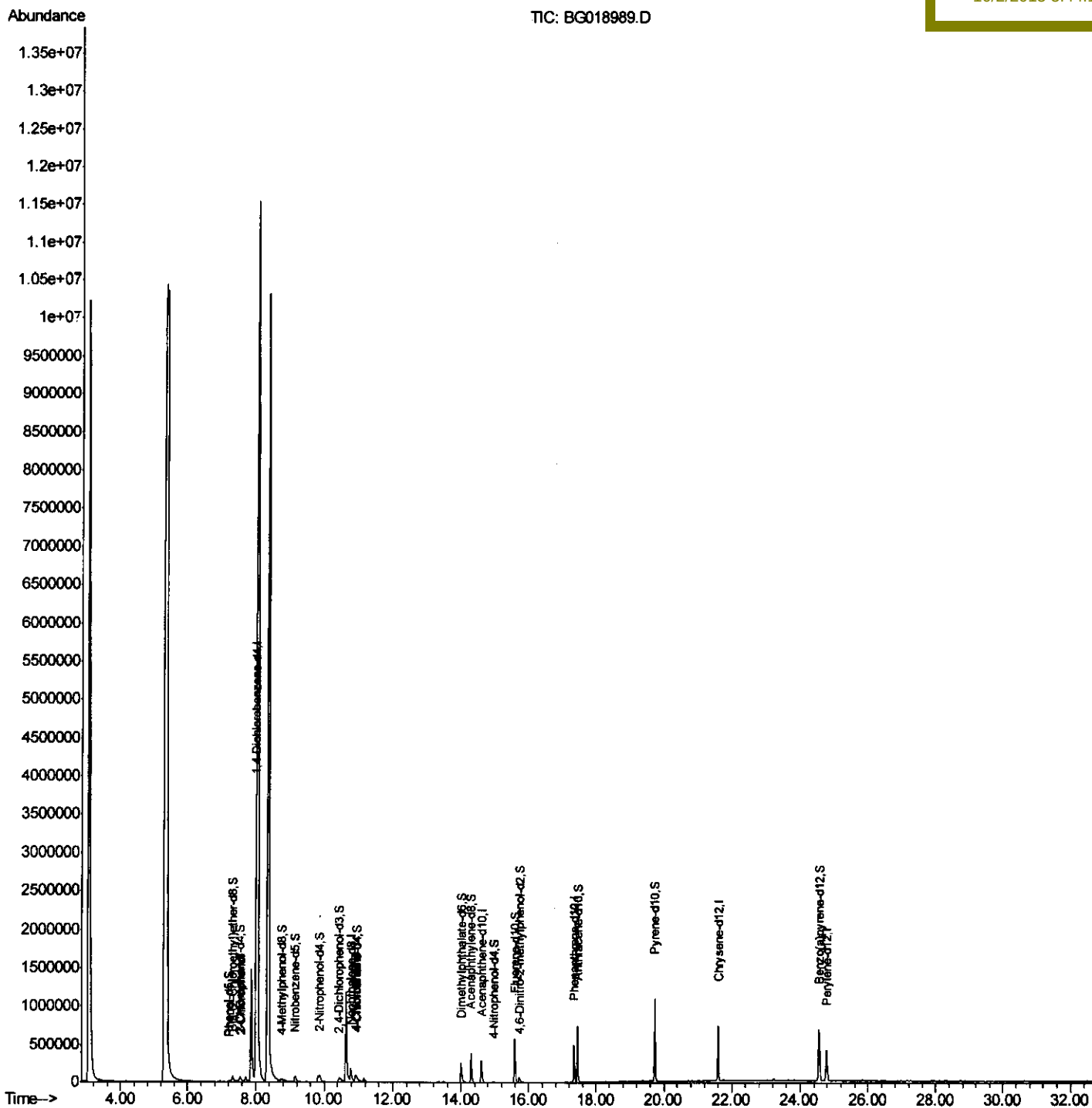
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018989.D
Acq On : 1 Oct 2015 21:25
Operator : UM/NP
Sample : G3831-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AQ2

Quant Time: Oct 02 12:46:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

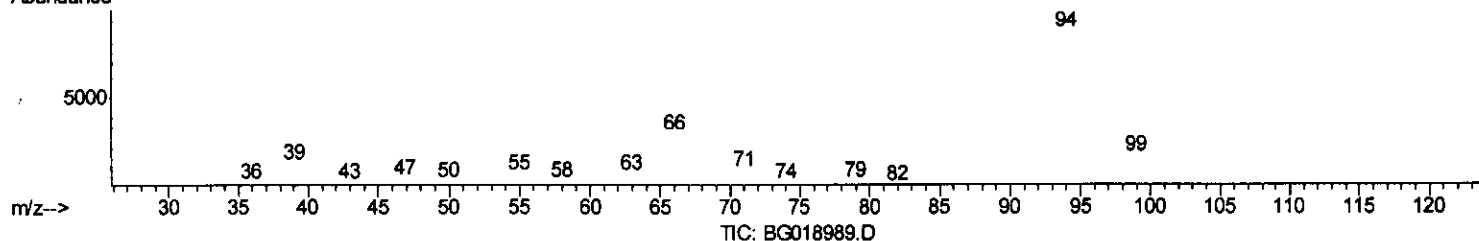
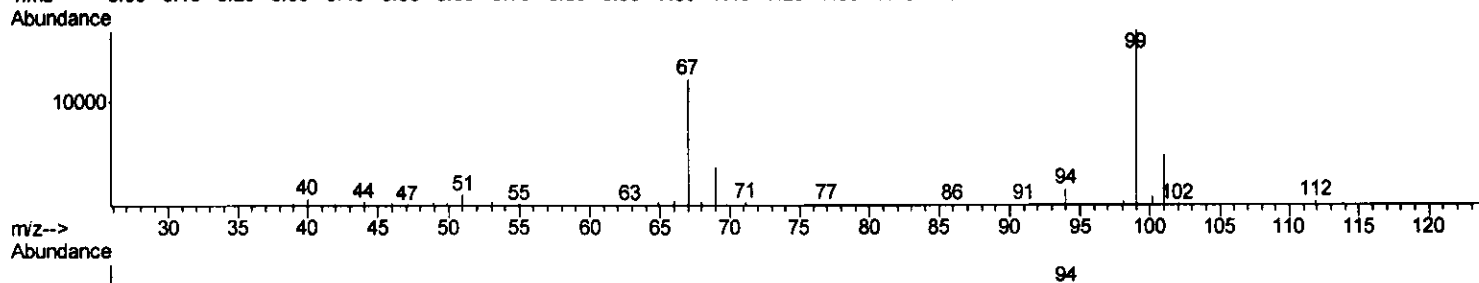
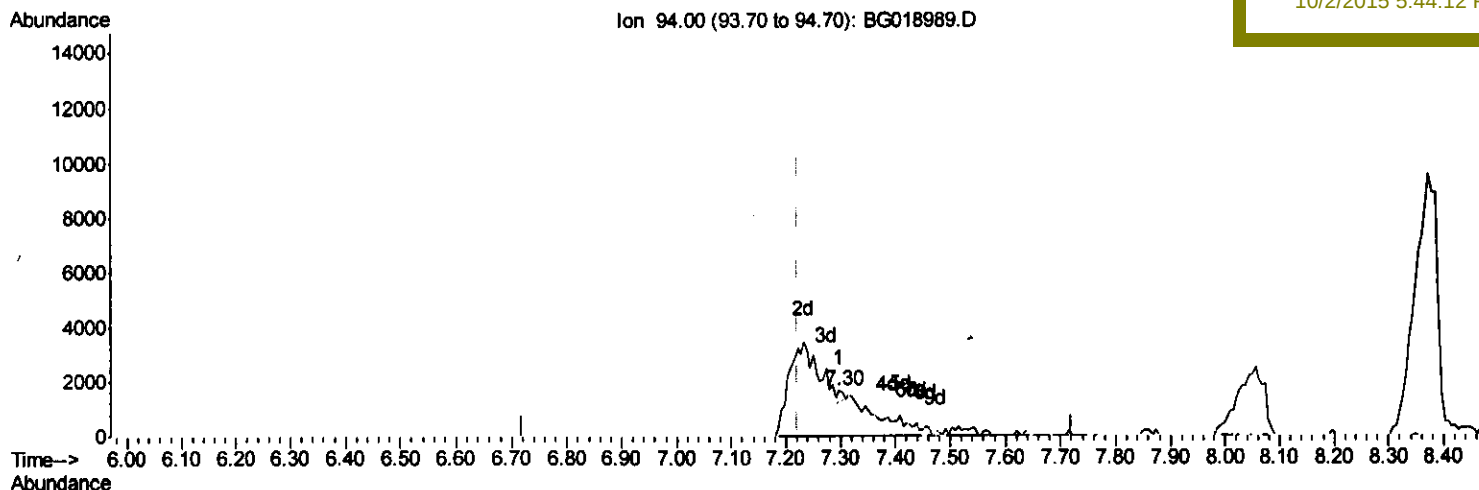
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018989.D
Acq On : 1 Oct 2015 21:25
Operator : UM/NP
Sample : G3831-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AQ2

Quant Time: Oct 02 12:39:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Manual Integrations
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(6) Phenol

7.297min (+0.077) 0.06ng/ul

response 297

Ion	Exp%	Act%
94.00	100	100
65.00	28.80	32.83
66.00	38.70	34.52
0.00	0.00	0.00

Quantitation Report (Qedit)

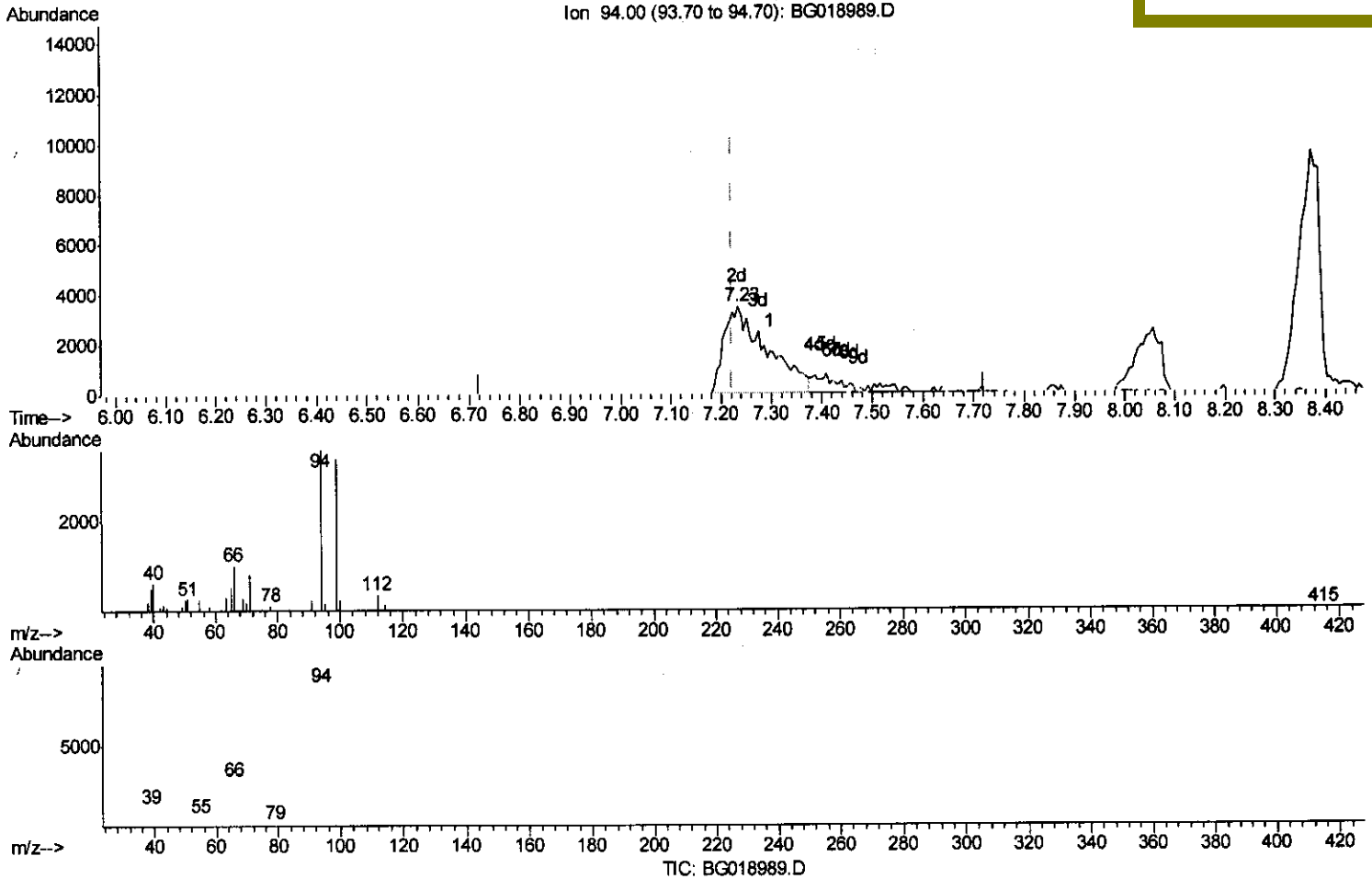
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(6) Phenol

7.233min (+0.012) 4.34ng/ul m^l > U.M
 response 20155 1015115

Ion	Exp%	Act%
94.00	100	100
65.00	28.80	18.21#
66.00	38.70	31.68
0.00	0.00	0.00

Quantitation Report (Qedit)

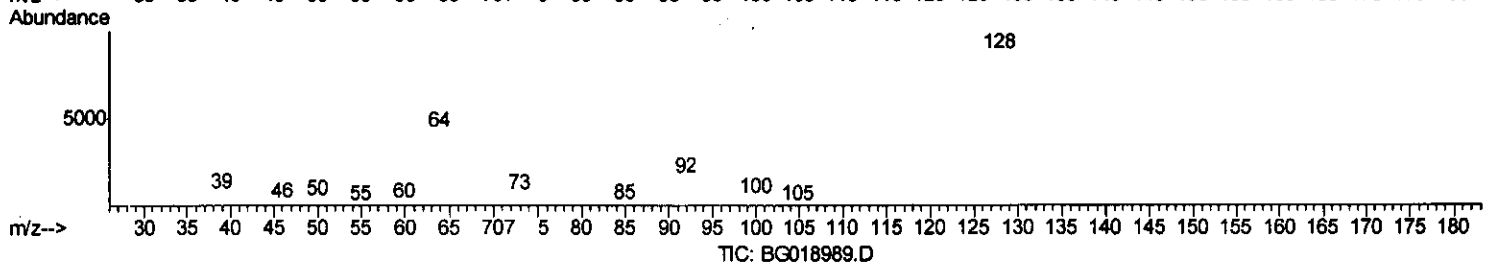
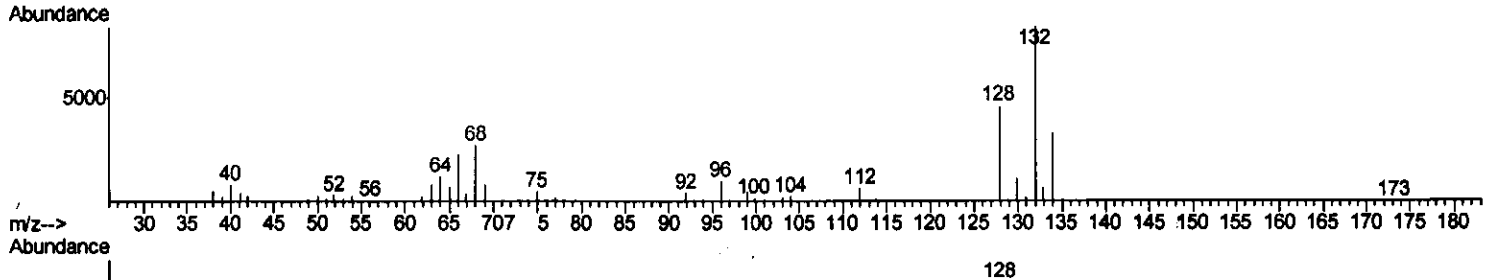
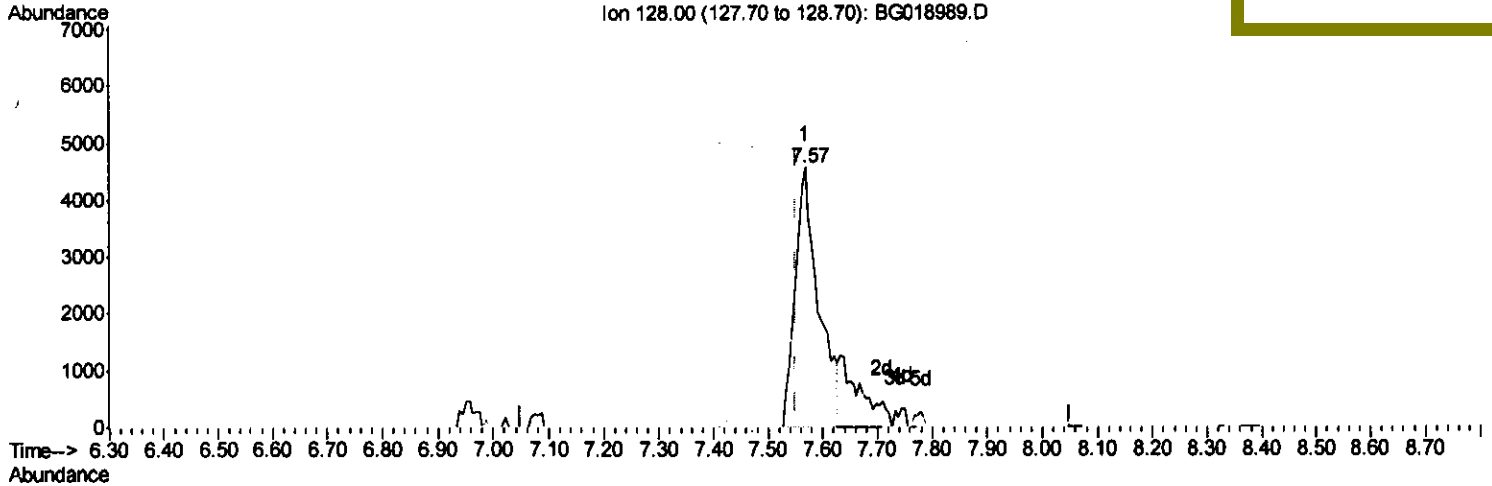
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
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(10) 2-Chlorophenol

7.568min (+0.018) 3.88ng/ul

response 13665

Ion	Exp%	Act%
128.00	100	100
64.00	51.10	28.71#
130.00	30.60	26.21
0.00	0.00	0.00

Quantitation Report (Qedit)

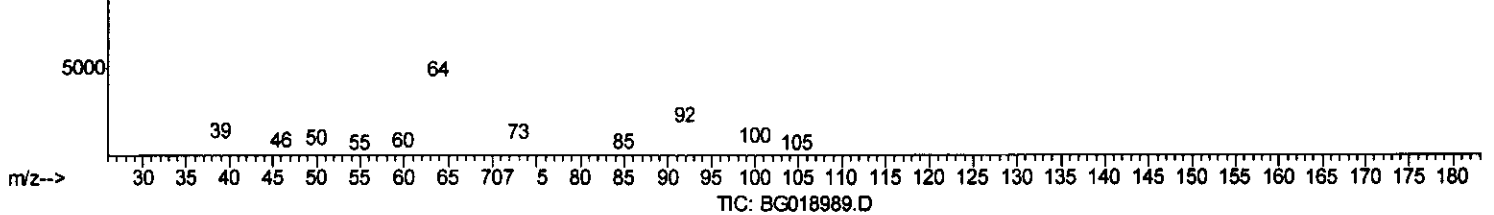
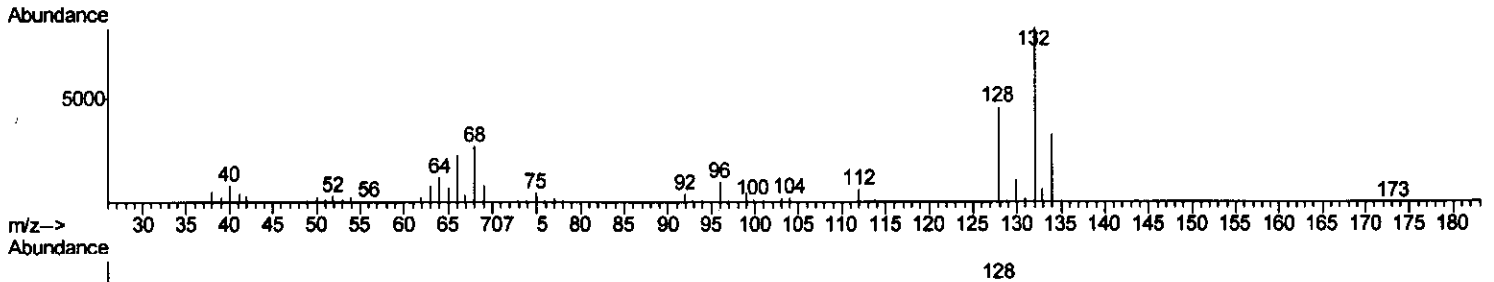
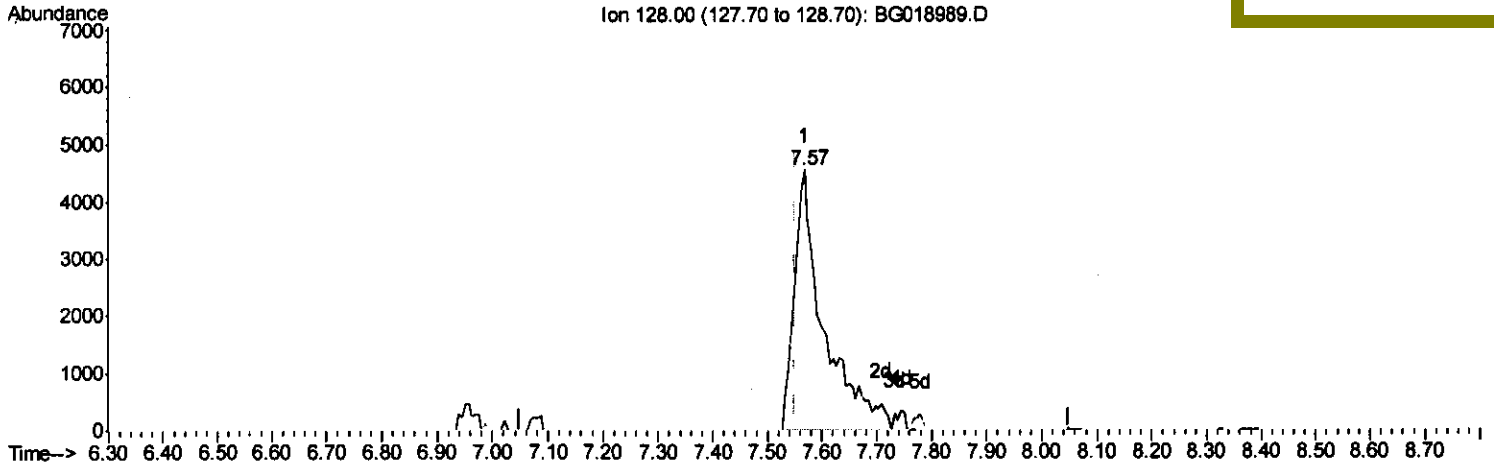
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:12 PM



(10) 2-Chlorophenol

7.568min (+0.018) 4.86ng/ul m

response 17111

Ion	Exp%	Act%
128.00	100	100
64.00	51.10	28.71#
130.00	30.60	26.21
0.00	0.00	0.00

U.M
 1015115

Quantitation Report (Qedit)

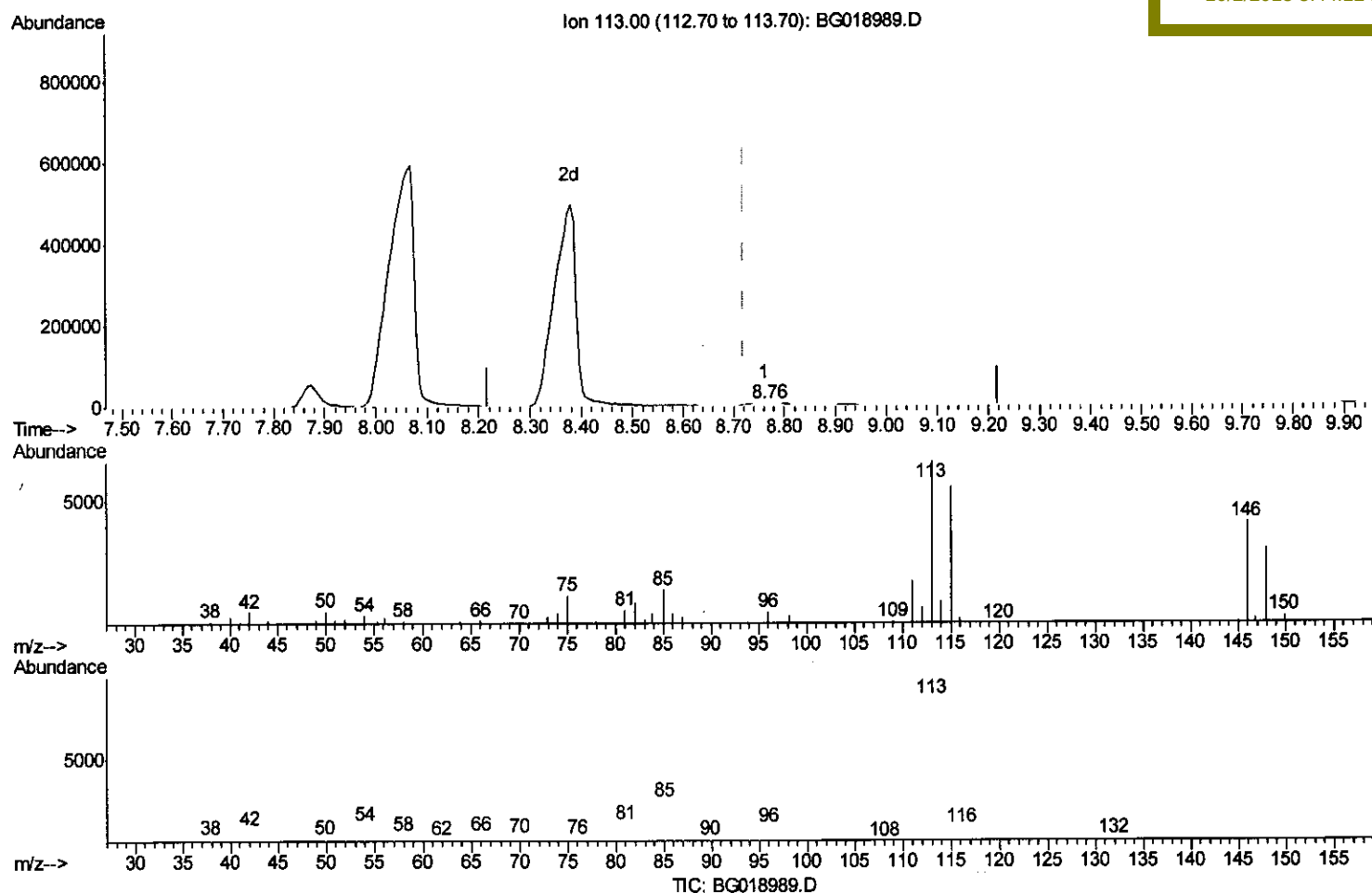
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018989.D
Acq On : 1 Oct 2015 21:25
Operator : UM/NP
Sample : G3831-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AQ2

Quant Time: Oct 02 12:39:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:44:12 PM



(13) 4-Methylphenol-d8 (S)

8.760min (+0.042) 5.46ng/ul

response 19914

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	84.76
54.00	13.60	7.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

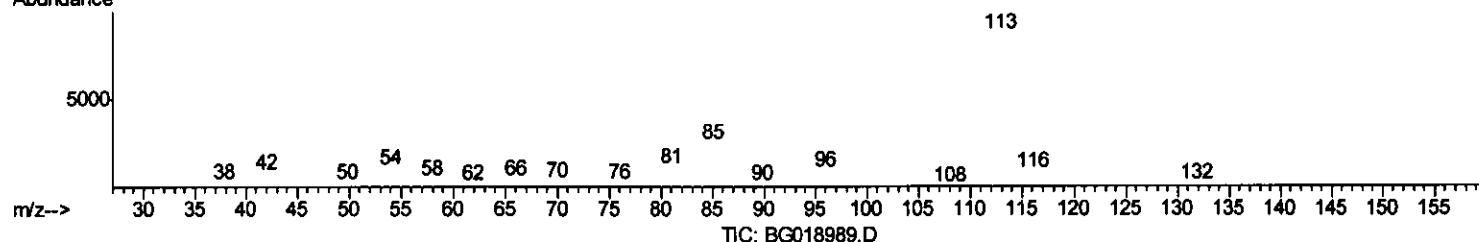
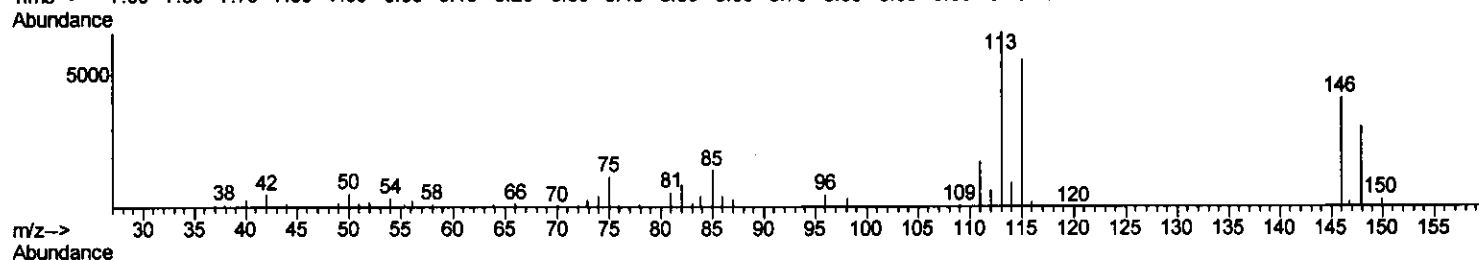
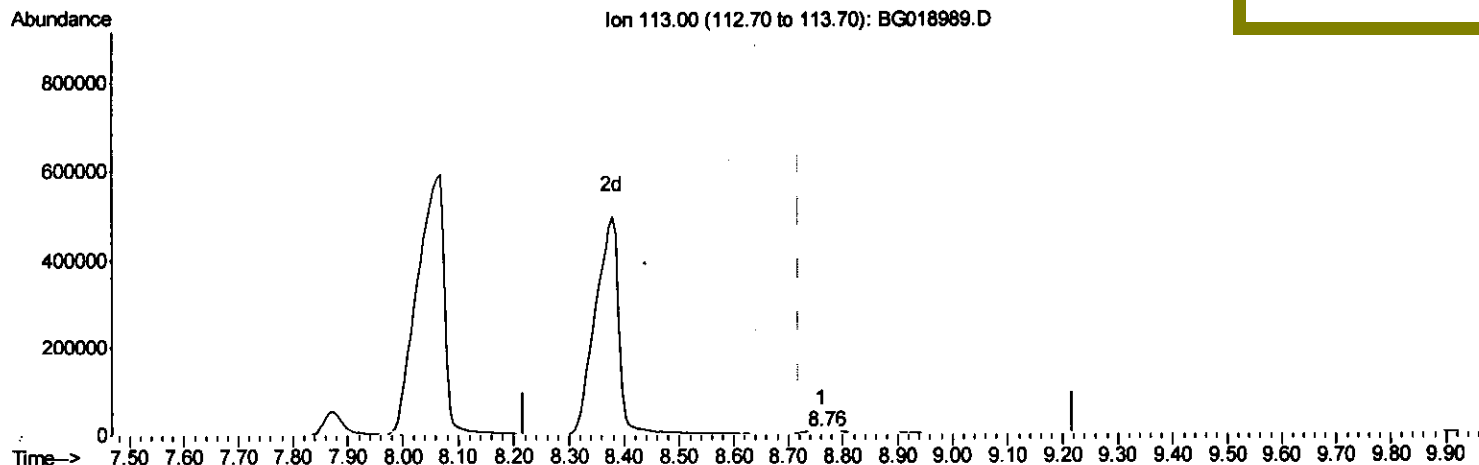
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:12 PM



(13) 4-Methylphenol-d8 (S)

8.760min (+0.042) 10.52ng/ul m

response 38338

> U.M
 1015115

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	84.76
54.00	13.60	7.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

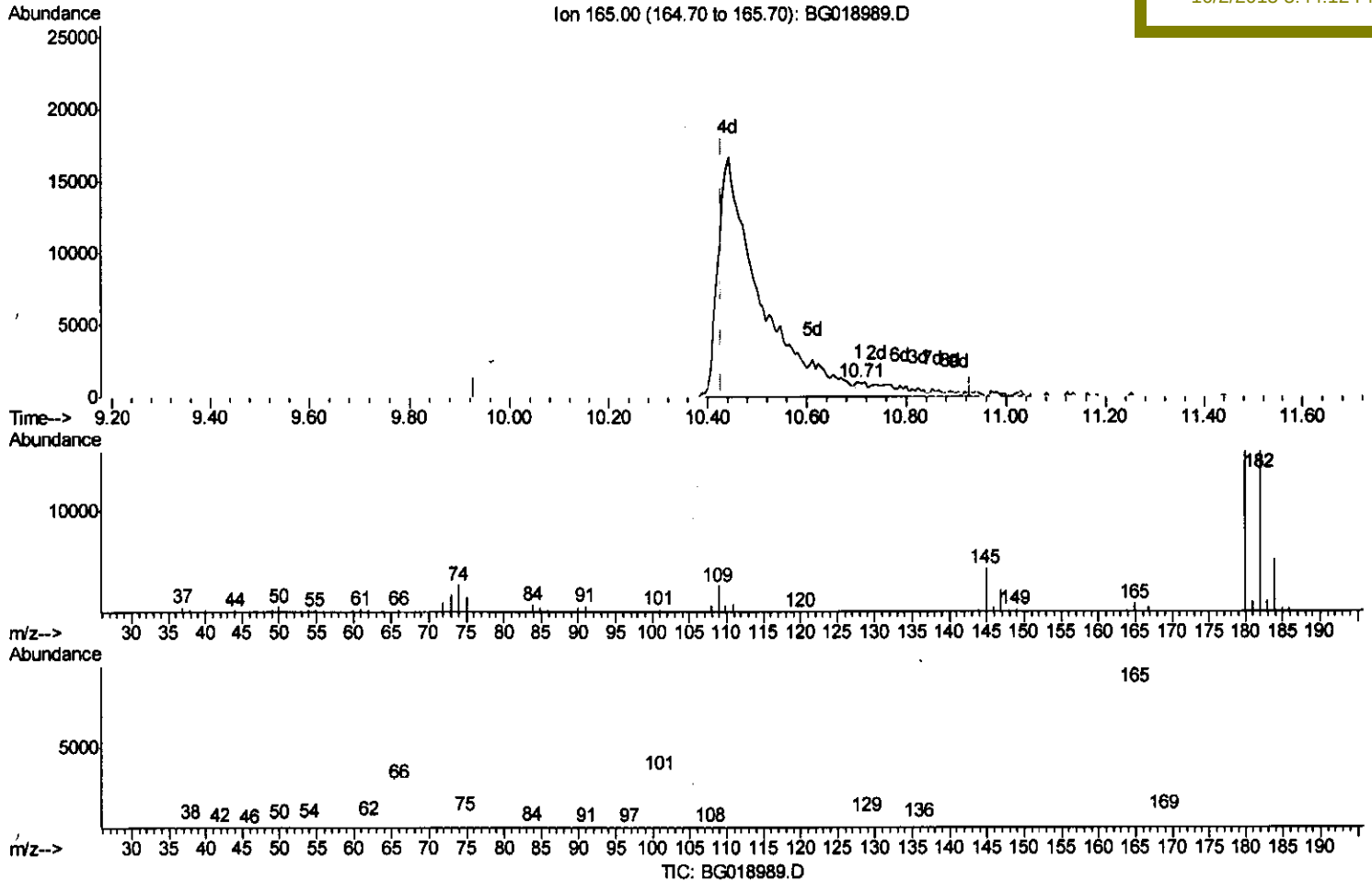
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:12 PM



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

10.705min (+0.277) 0.15ng/ul

response 534

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	56.53
101.00	34.70	39.48
0.00	0.00	0.00

Quantitation Report (Qedit)

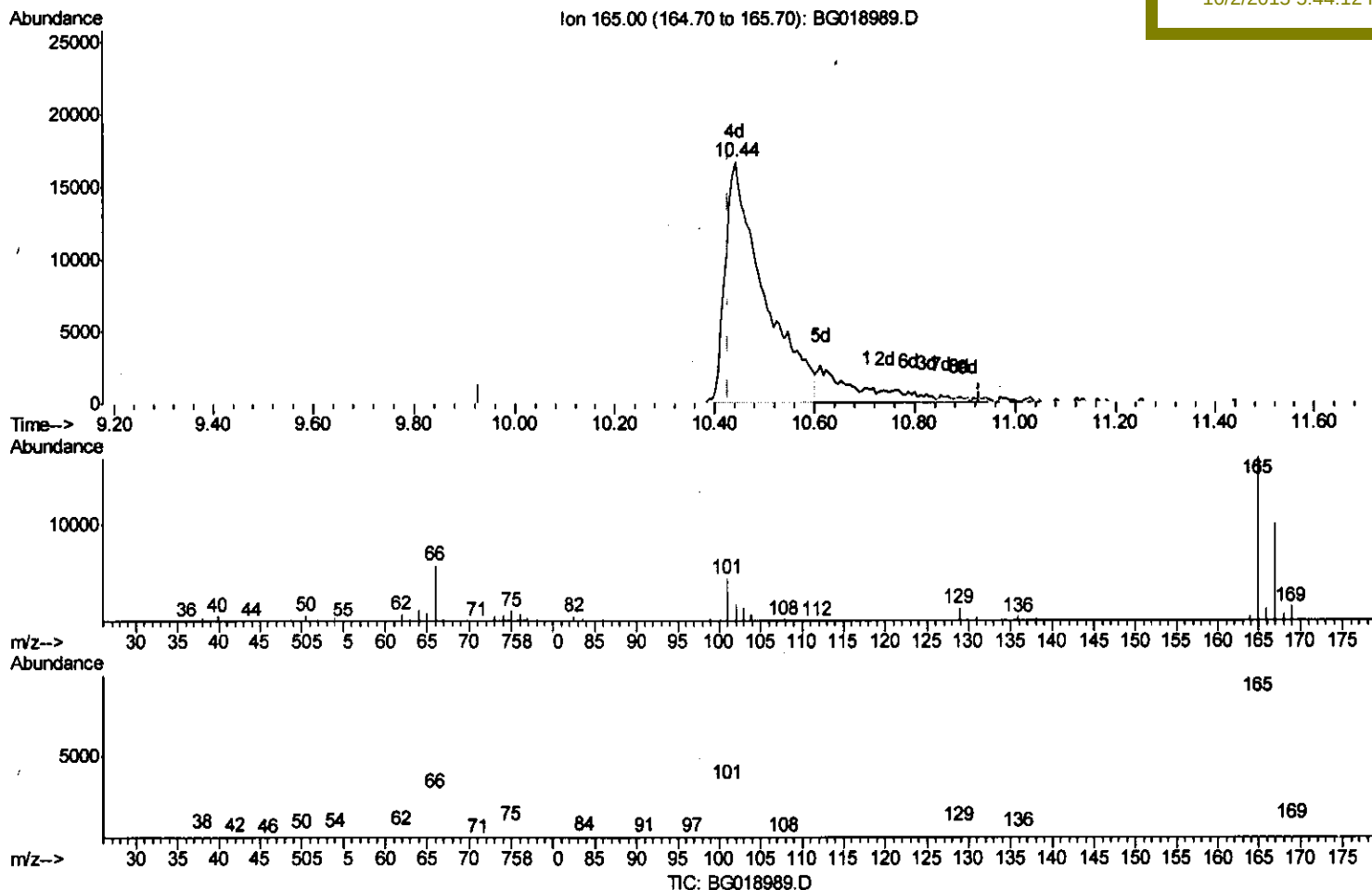
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:12 PM



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

10.441min (+0.012) 24.49ng/ul m

response 90120

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	60.29
101.00	34.70	26.75#
0.00	0.00	0.00

SUM
 10/5/15

Quantitation Report (Qedit)

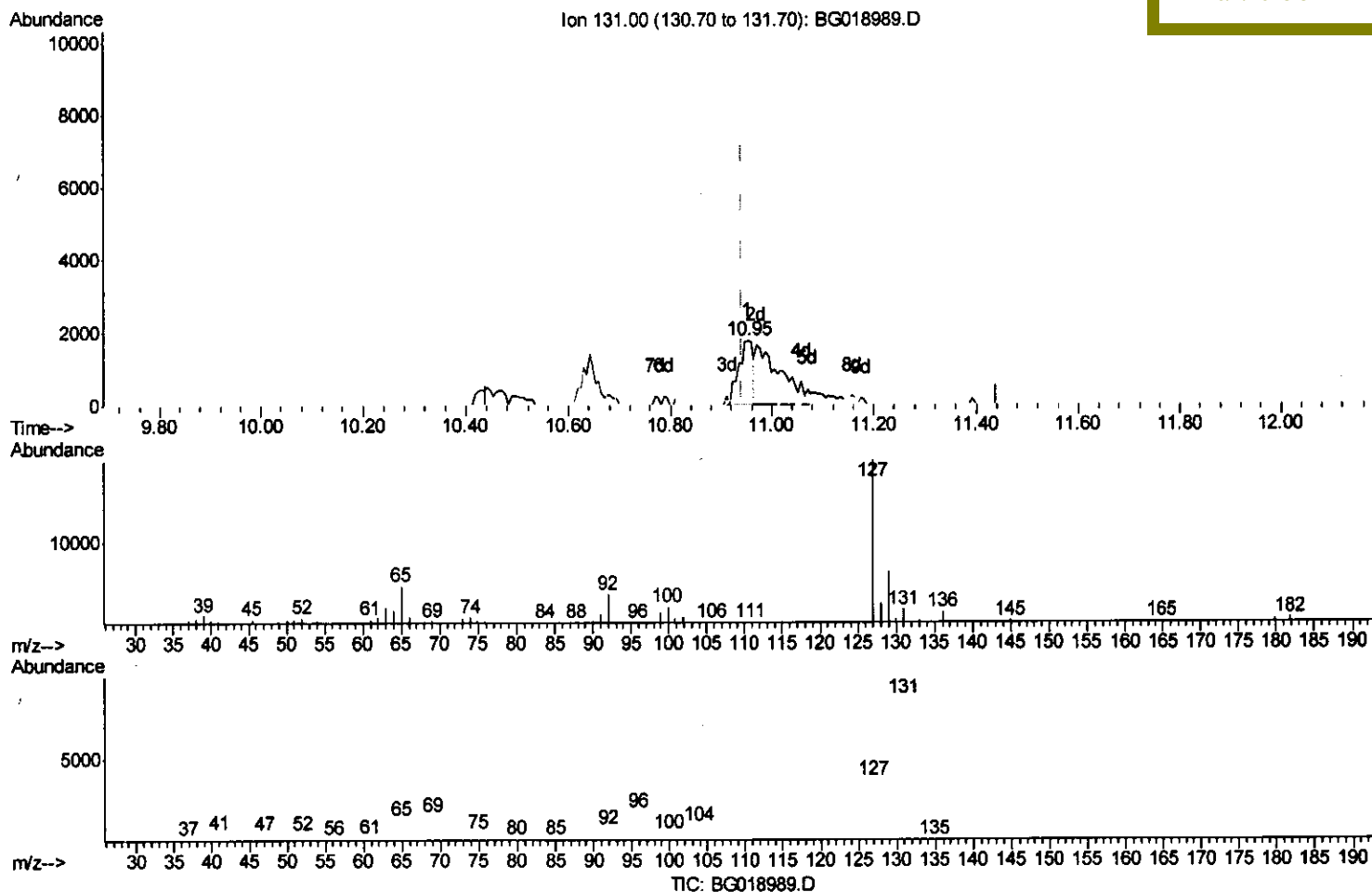
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Data File : BG018989.D
Acq On : 1 Oct 2015 21:25
Operator : UM/NP
Sample : G3831-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AQ2

Quant Time: Oct 02 12:39:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 11:51:49 2015
Response via : Initial Calibration

Manual Integrations
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MMDadoda
10/2/2015 5:44:12 PM



(29) 4-Chloroaniline-d4 (S)

10.952min (+0.012) 0.83ng/ul

response 3546

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	26.94
69.00	18.90	21.36
0.00	0.00	0.00

Quantitation Report (Qedit)

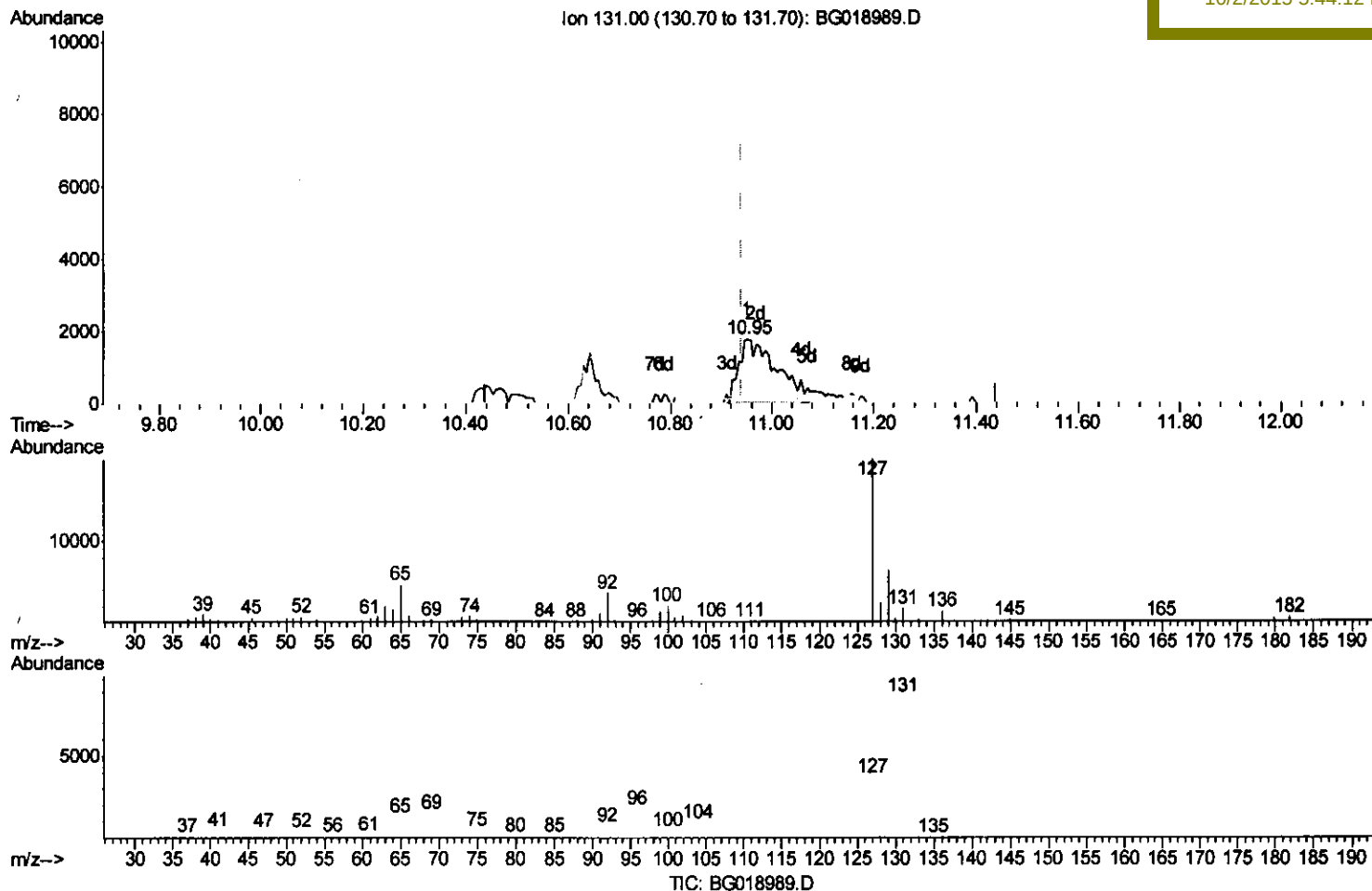
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:12 PM

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.952min (+0.012) 2.04ng/ul m

response 8744

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	26.94
69.00	18.90	21.36
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

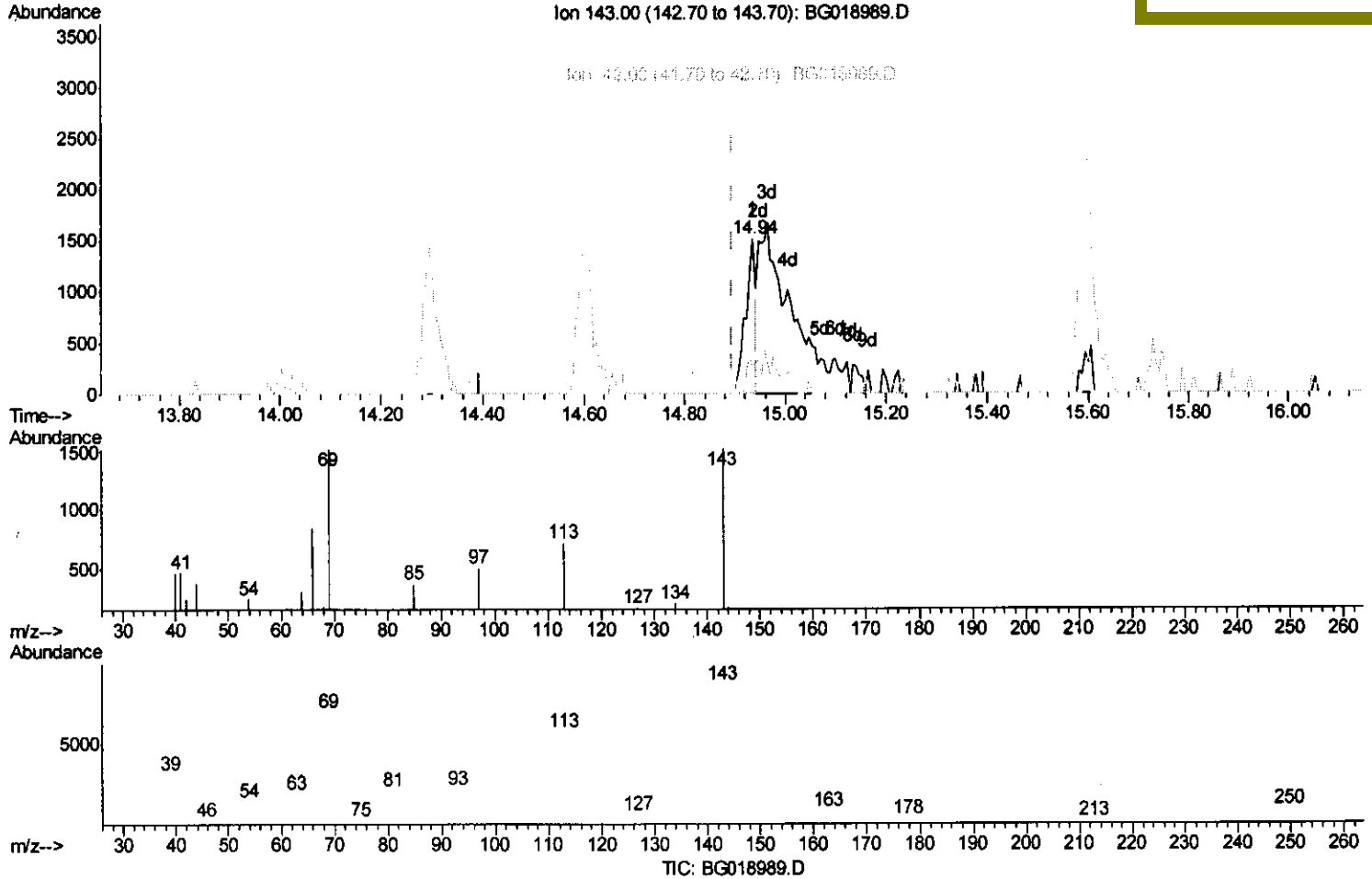
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(52) 4-Nitrophenol-d4 (S)

14.935min (+0.042) 0.92ng/ul

response 2073

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	47.29#
41.00	51.70	31.11#
42.00	30.70	16.64#

Quantitation Report (Qedit)

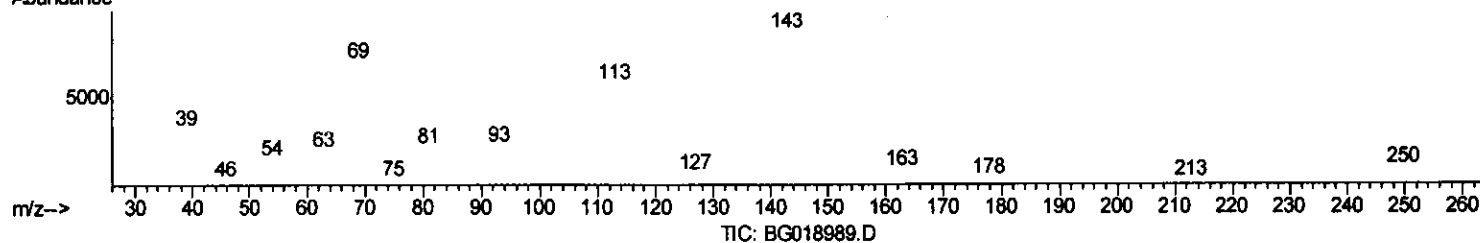
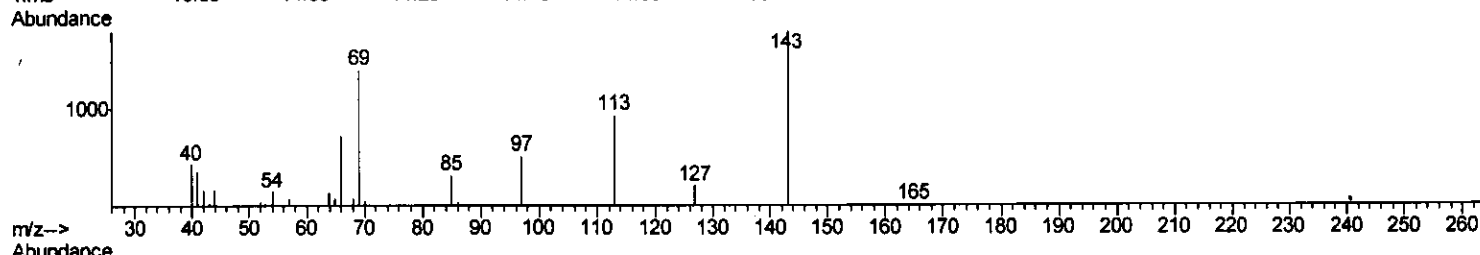
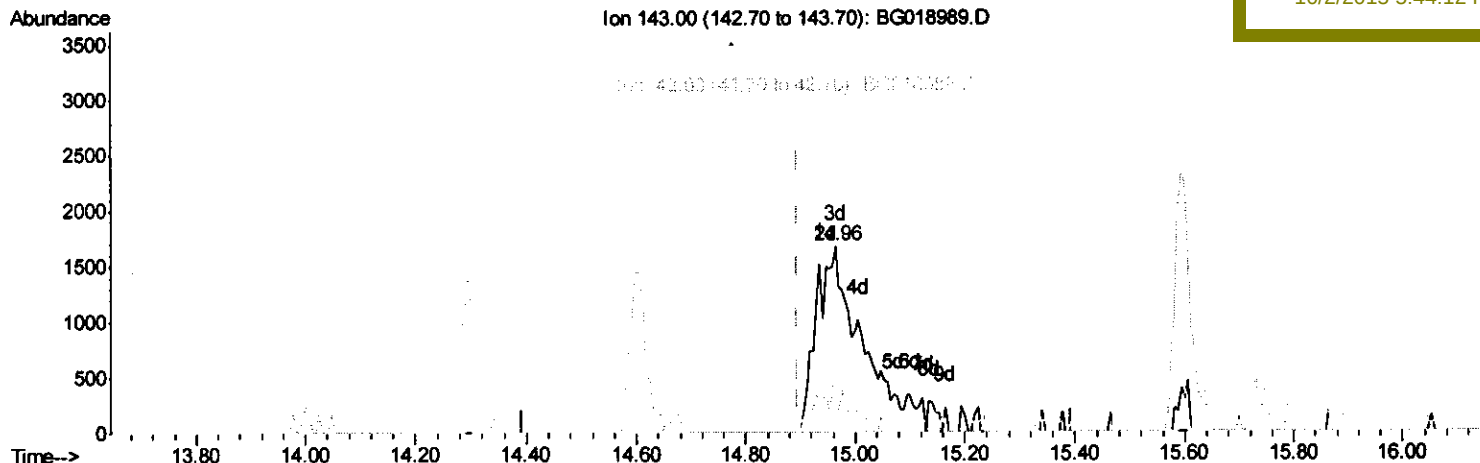
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAQ2

Quant Time: Oct 02 12:39:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.965min (+0.071) 4.14ng/ul m

response 9347

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	55.94#
41.00	51.70	27.28#
42.00	30.70	17.13#

U.M
 1015115

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018989.D
 Acq On : 1 Oct 2015 21:25
 Operator : UM/NP
 Sample : G3831-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAQ2

Quant Time: Oct 02 12:46:59 2015
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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	8.00	152	54695	20.00	ng/ul	0.02
18) Naphthalene-d8	10.78	136	229431	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	146222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	382406	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	469356	20.00	ng/ul	-0.01
86) Perylene-d12	24.78	264	471552	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1053	0.93	ng/uL	0.00
5) Phenol-d5	7.21	99	11683	2.60	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.31	67	68057	26.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	65066	19.13	ng/ul	0.01
13) 4-Methylphenol-d8	8.76	113	38338m	10.52	ng/ul	0.04
19) Nitrobenzene-d5	9.15	128	52188	30.02	ng/ul	0.01
22) 2-Nitrophenol-d4	9.87	143	56582	32.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	90120m	24.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	8744m	2.04	ng/ul	0.01
44) Dimethylphthalate-d6	14.01	166	366570	31.15	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	465308	33.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	9347m	4.14	ng/ul	0.07
58) Fluorene-d10	15.59	176	341684	33.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	39697	21.93	ng/ul	0.00
71) Anthracene-d10	17.44	188	566323	33.64	ng/ul	0.00
79) Pyrene-d10	19.73	212	686580	31.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	763780	33.28	ng/ul	-0.01

Target Compounds

						Qvalue
6) Phenol	7.23	94	20155m	4.34	ng/ul	
10) 2-Chlorophenol	7.57	128	17111m	4.86	ng/ul	
30) 4-Chloroaniline	10.93	127	145633	32.88	ng/ul	98

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

U.M
 10/5/15

U.M
 10/5/15