

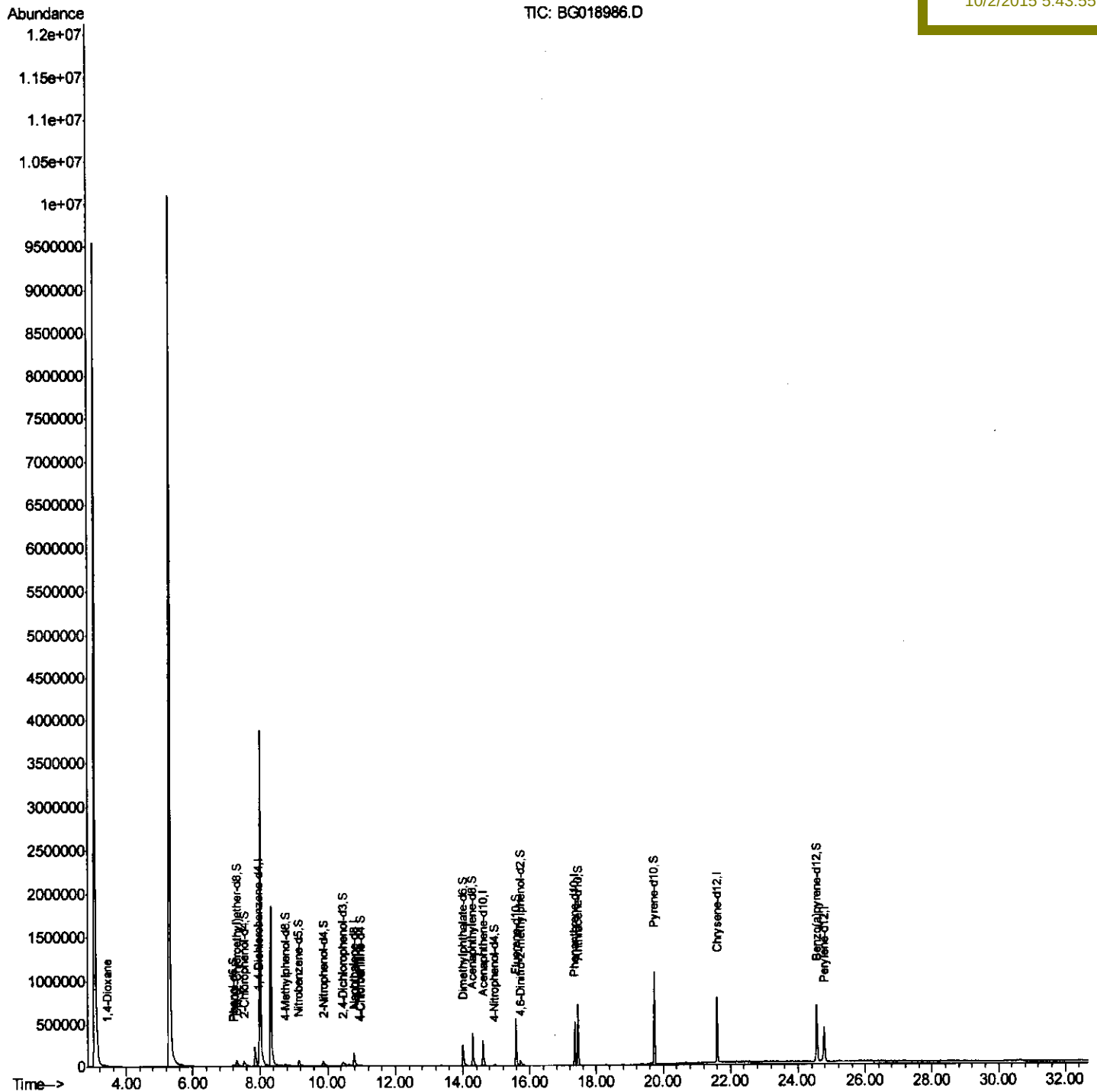
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018986.D
Acq On : 1 Oct 2015 19:31
Operator : UM/NP
Sample : G3831-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 12:18:30 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

Instrument :
BNA_G
ClientSampleId :
C0AP6

Manual Integrations
APPROVED

MMDadoda
10/2/2015 5:43:55 PM



Quantitation Report (Qedit)

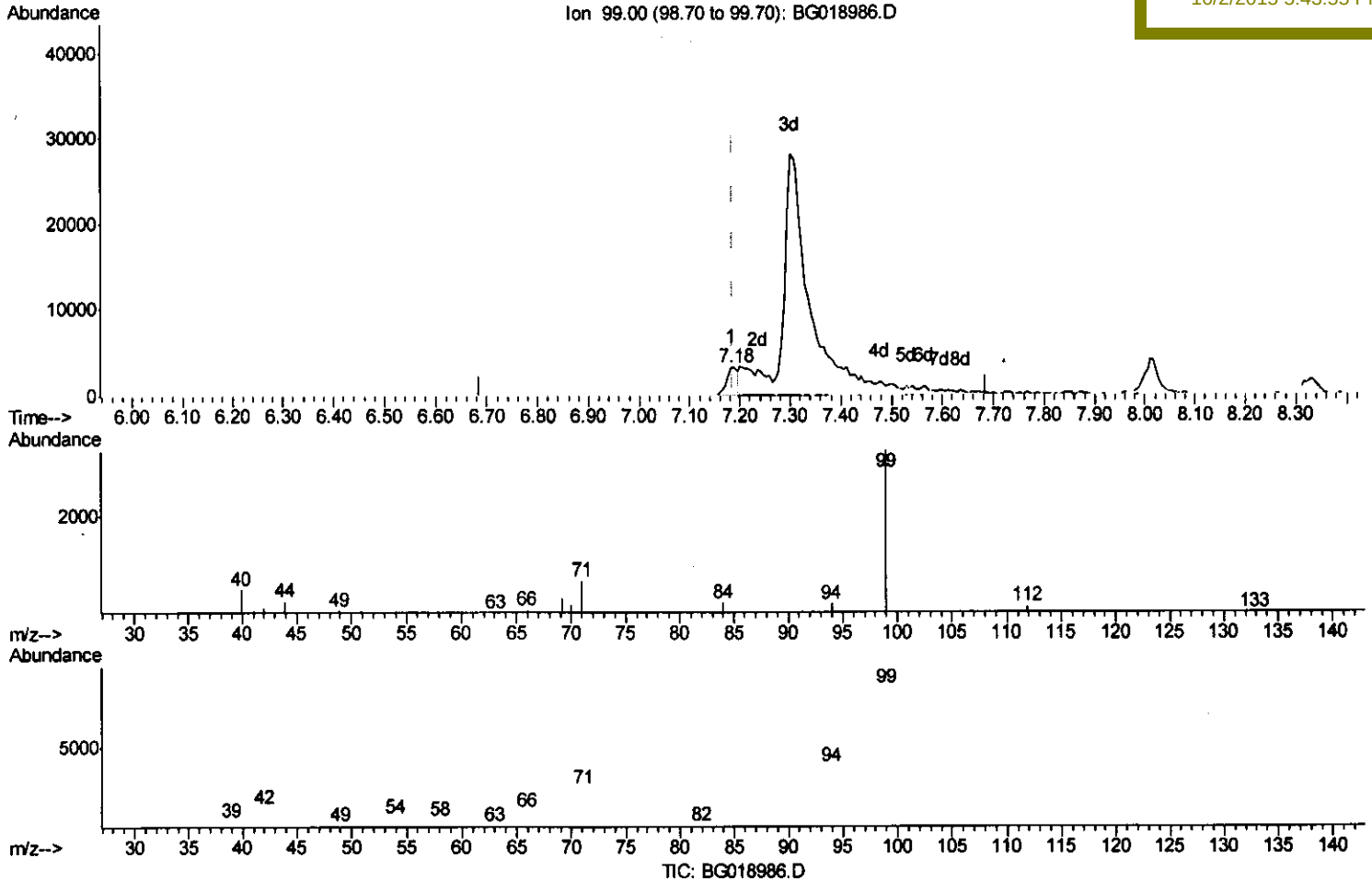
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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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(5) Phenol-d5 (S)

7.182min (-0.003) 1.08ng/ul

response 4733

Ion	Exp%	Act%
99.00	100	100
71.00	32.70	23.17#
42.00	21.00	7.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

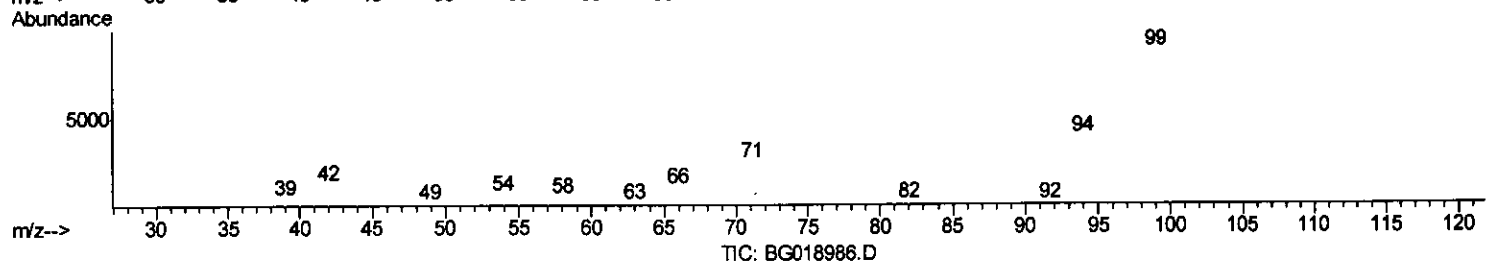
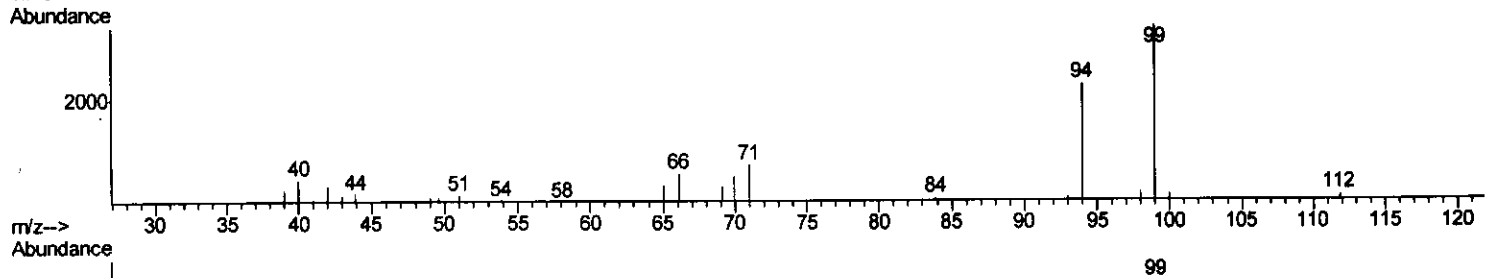
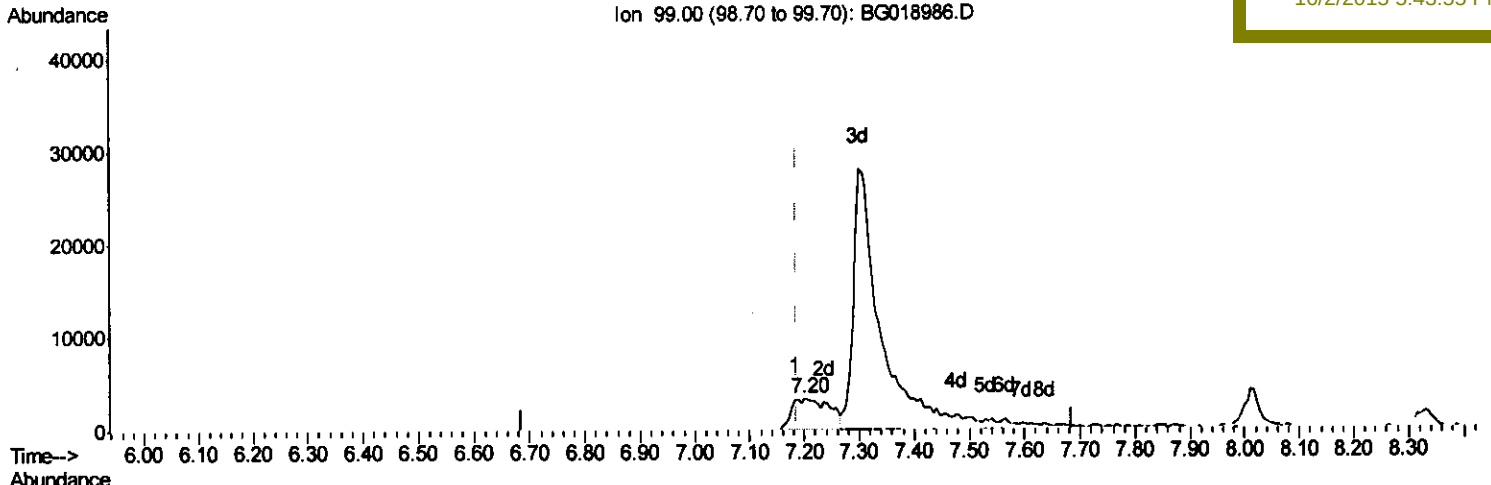
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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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(5) Phenol-d5 (S)

7.200min (+0.015) 3.63ng/ul m

response 15867

> $\frac{0.1M}{1015115}$

Ion	Exp%	Act%
99.00	100	100
71.00	32.70	25.00#
42.00	21.00	13.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

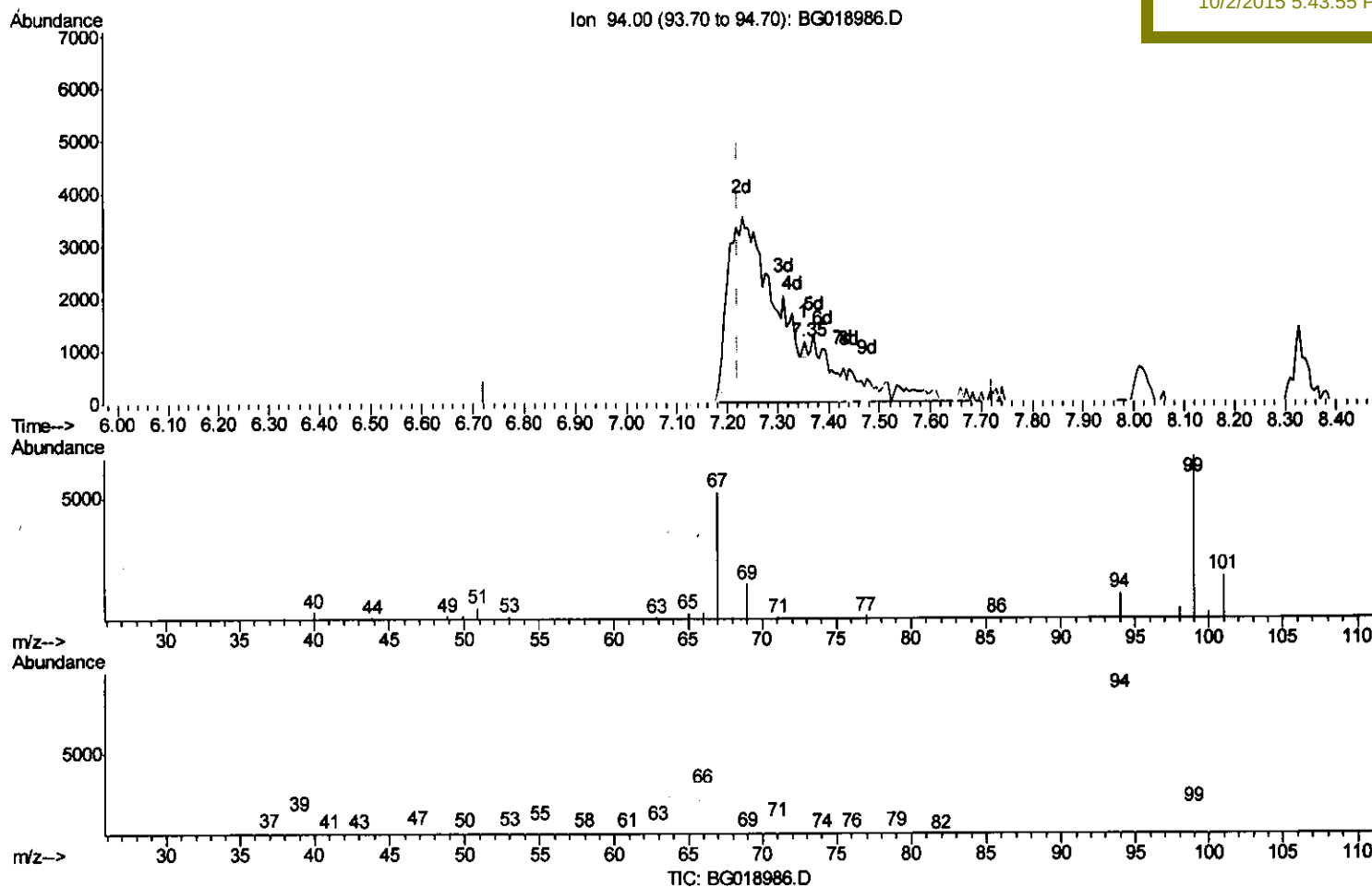
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018986.D
Acq On : 1 Oct 2015 19:31
Operator : UM/NP
Sample : G3831-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP6

Quant Time: Oct 02 12:13:54 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

7.353min (+0.133) 0.03ng/ul

response 147

Ion	Exp%	Act%
94.00	100	100
65.00	28.80	33.07
66.00	38.70	36.30
0.00	0.00	0.00

Quantitation Report (Qedit)

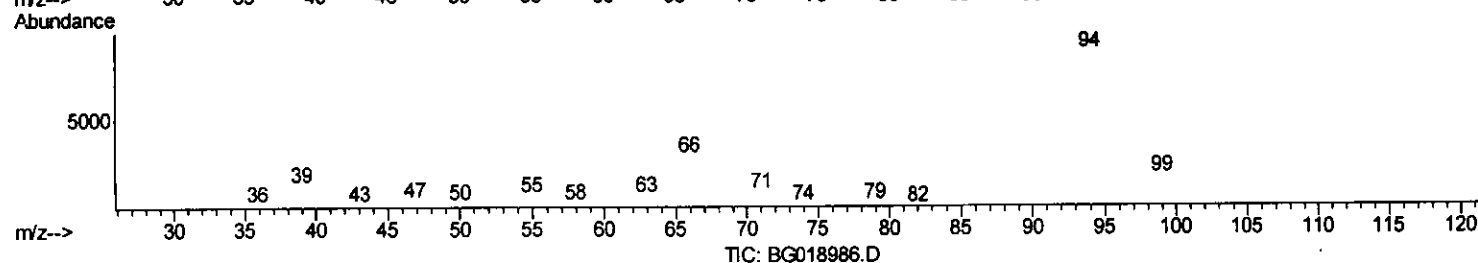
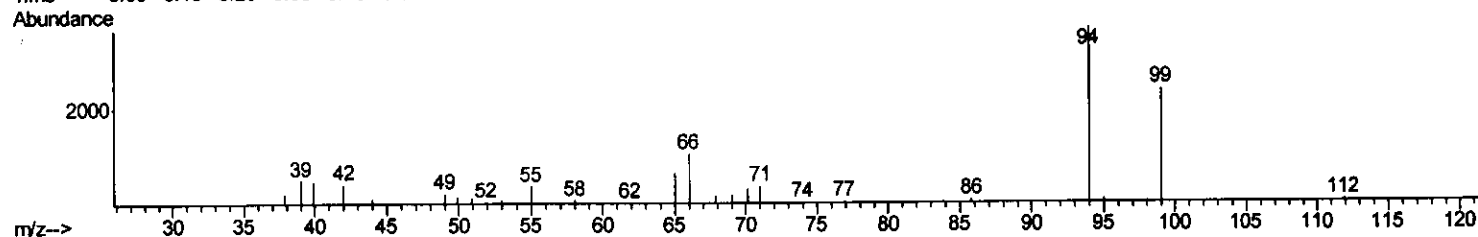
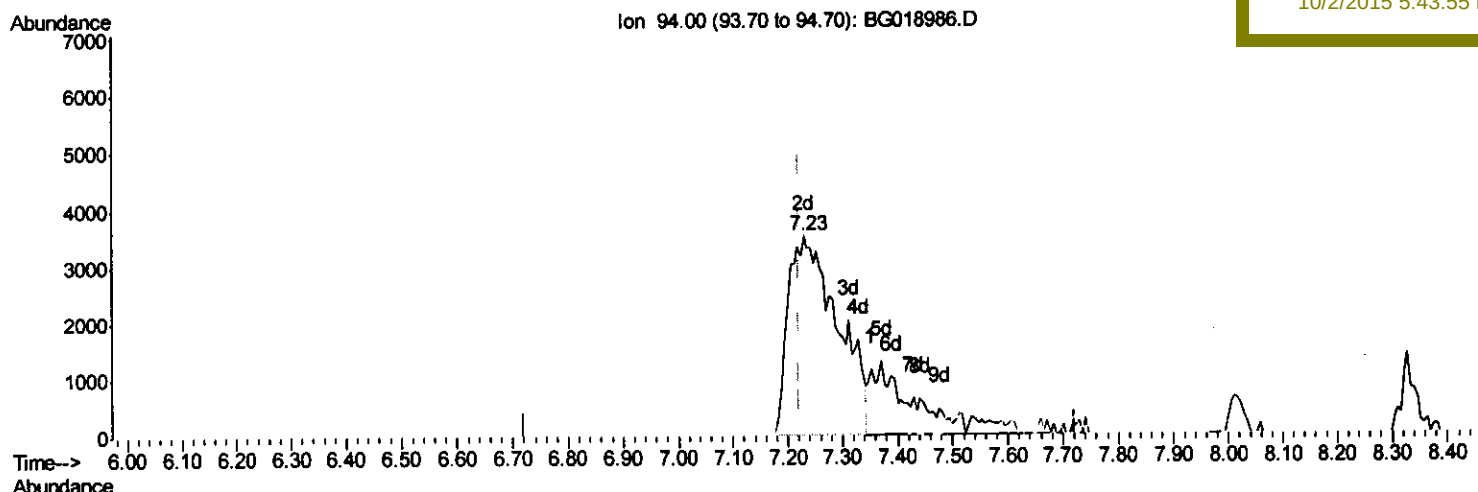
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018986.D
Acq On : 1 Oct 2015 19:31
Operator : UM/NP
Sample : G3831-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP6

Manual Integrations
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MMDadoda
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Quant Time: Oct 02 12:13:54 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



(6) Phenol

7.229min (+0.009) 4.87ng/ul m

response 21995

Ion	Exp%	Act%
94.00	100	100
65.00	28.80	21.49#
66.00	38.70	31.77
0.00	0.00	0.00

> U.M
1015-115

Quantitation Report (Qedit)

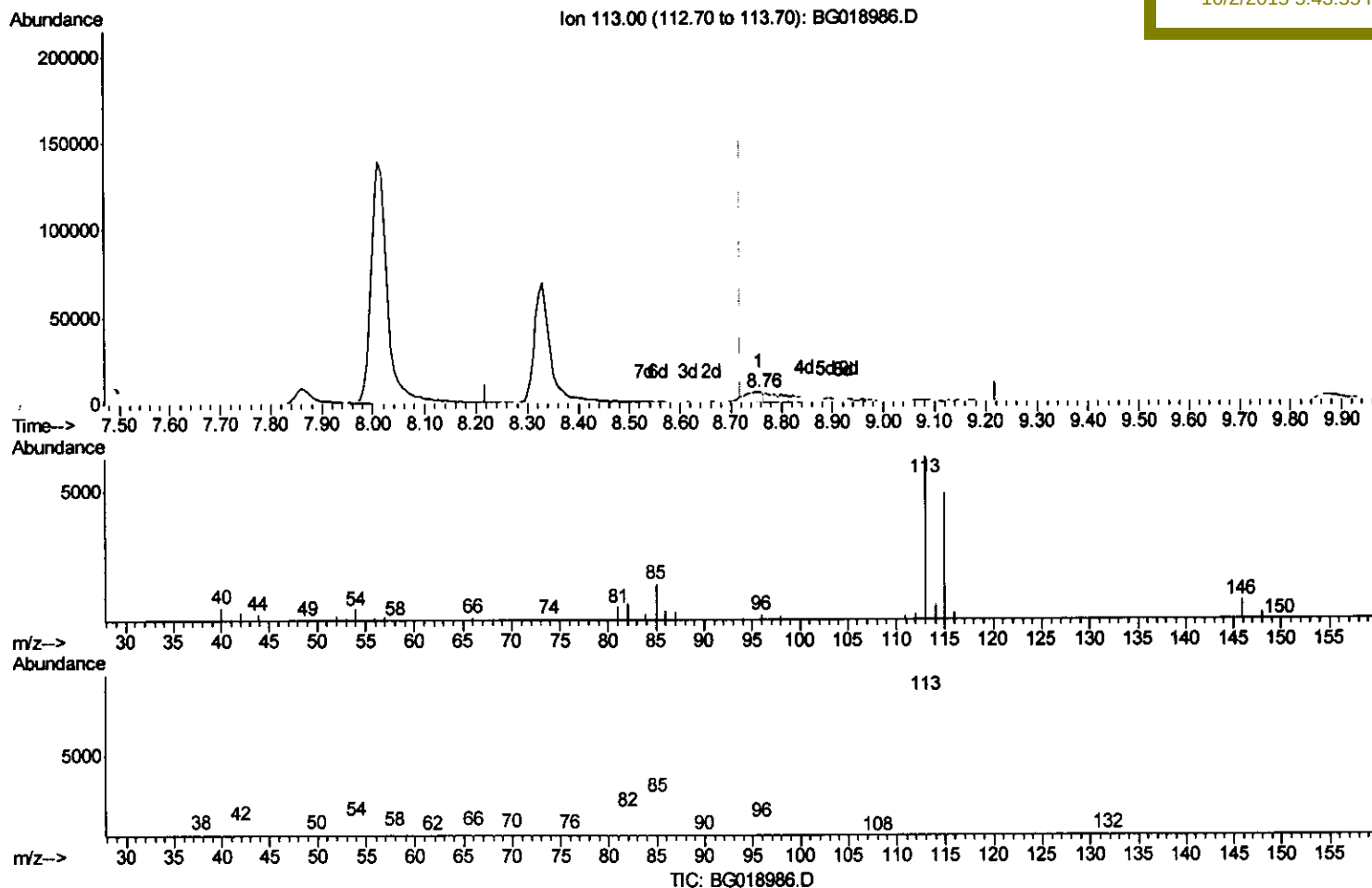
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP6

Manual Integrations
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MMDadoda
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Quant Time: Oct 02 12:13:54 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



(13) 4-Methylphenol-d8 (S)

8.757min (+0.039) 4.39ng/ul

response 15563

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	78.29
54.00	13.60	9.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

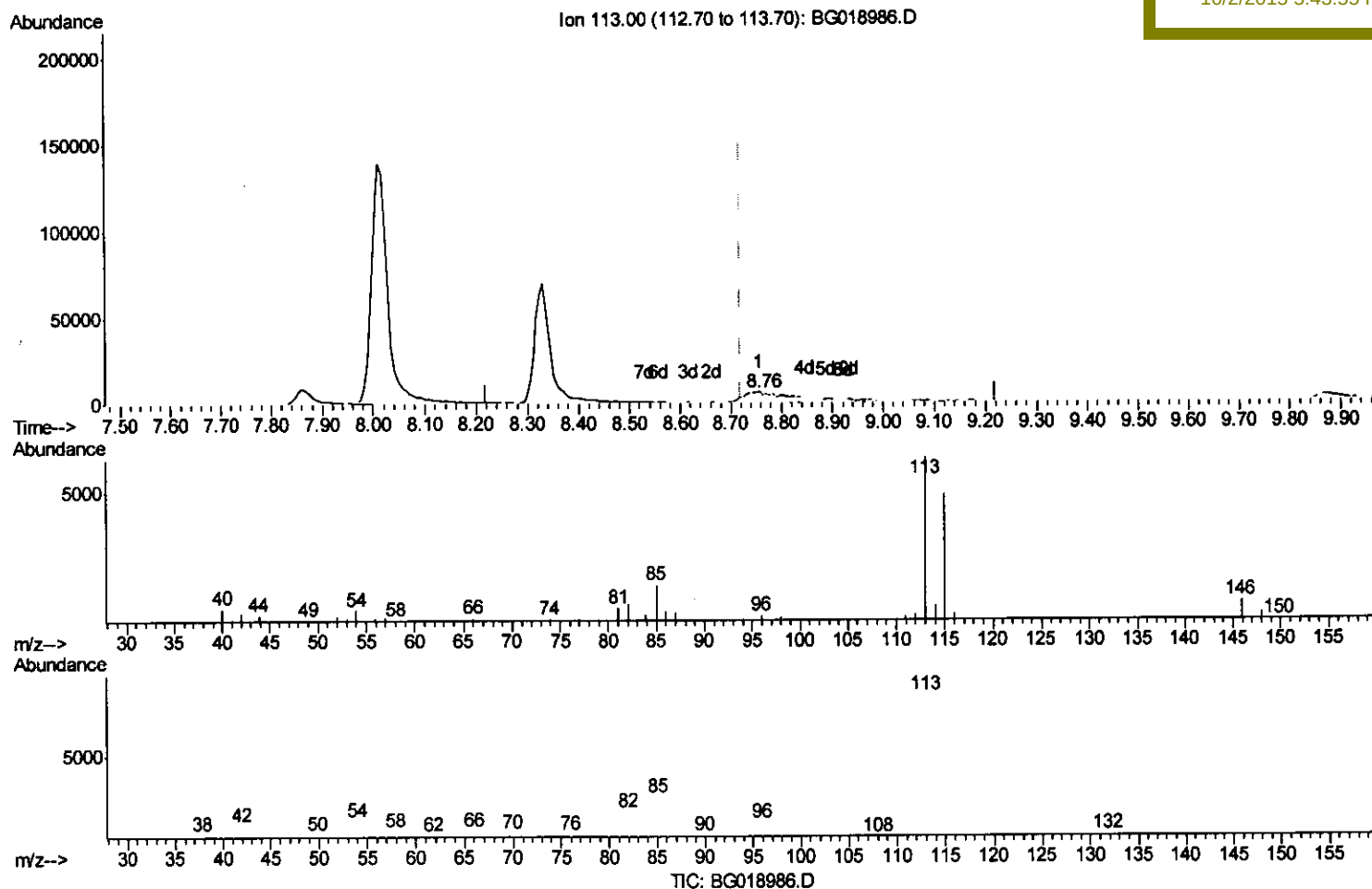
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Oct 02 12:13:54 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



(13) 4-Methylphenol-d8 (S)

8.757min (+0.039) 8.06ng/ul m

response 28555

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	78.29
54.00	13.60	9.01#
0.00	0.00	0.00

> 0.1M
 1015115

Quantitation Report (Qedit)

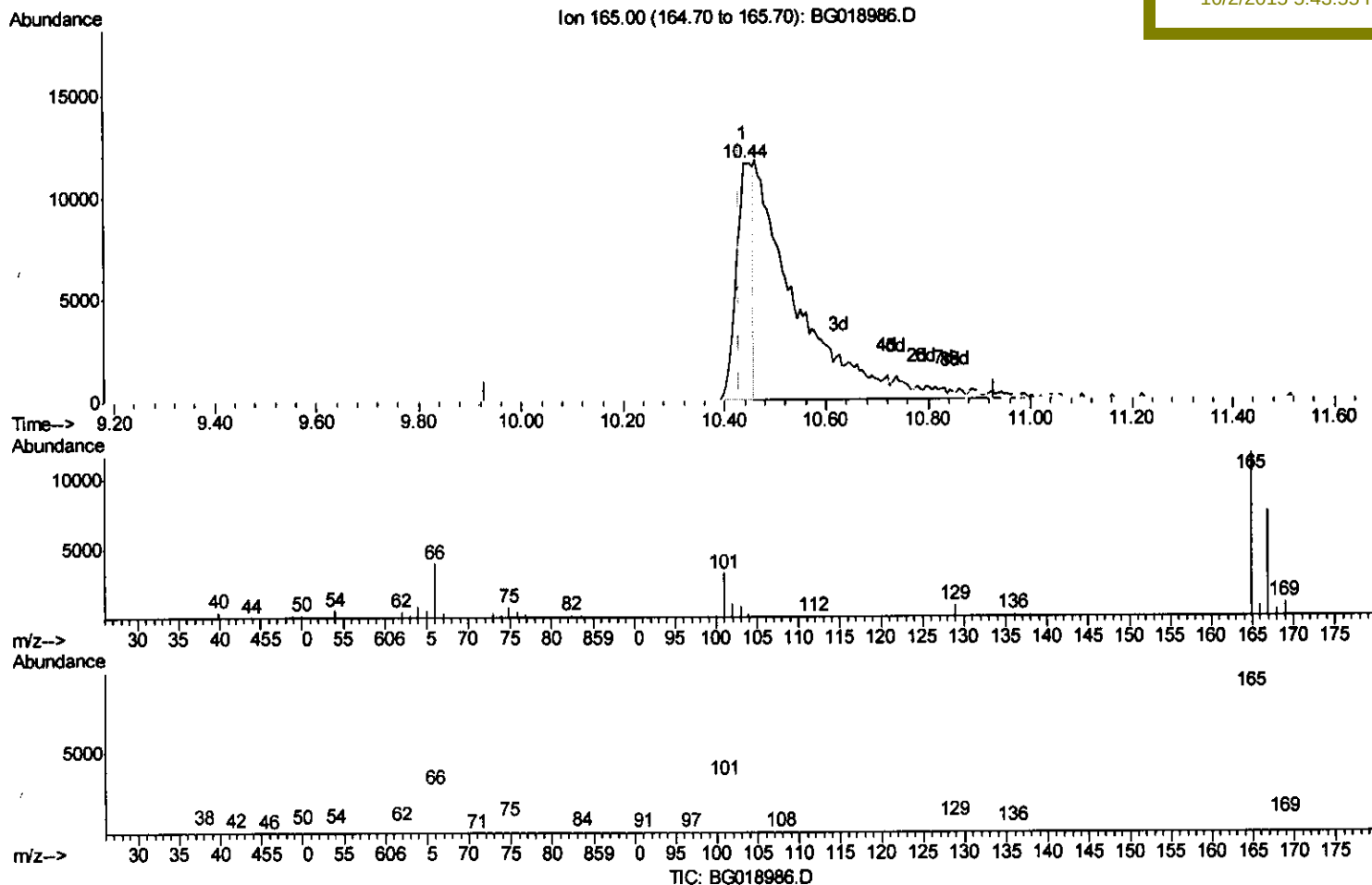
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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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(26) 2,4-Dichlorophenol-d3 (S)

10.437min (+0.009) 7.65ng/ul

response 25920

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	64.74
101.00	34.70	28.34
0.00	0.00	0.00

Quantitation Report (Qedit)

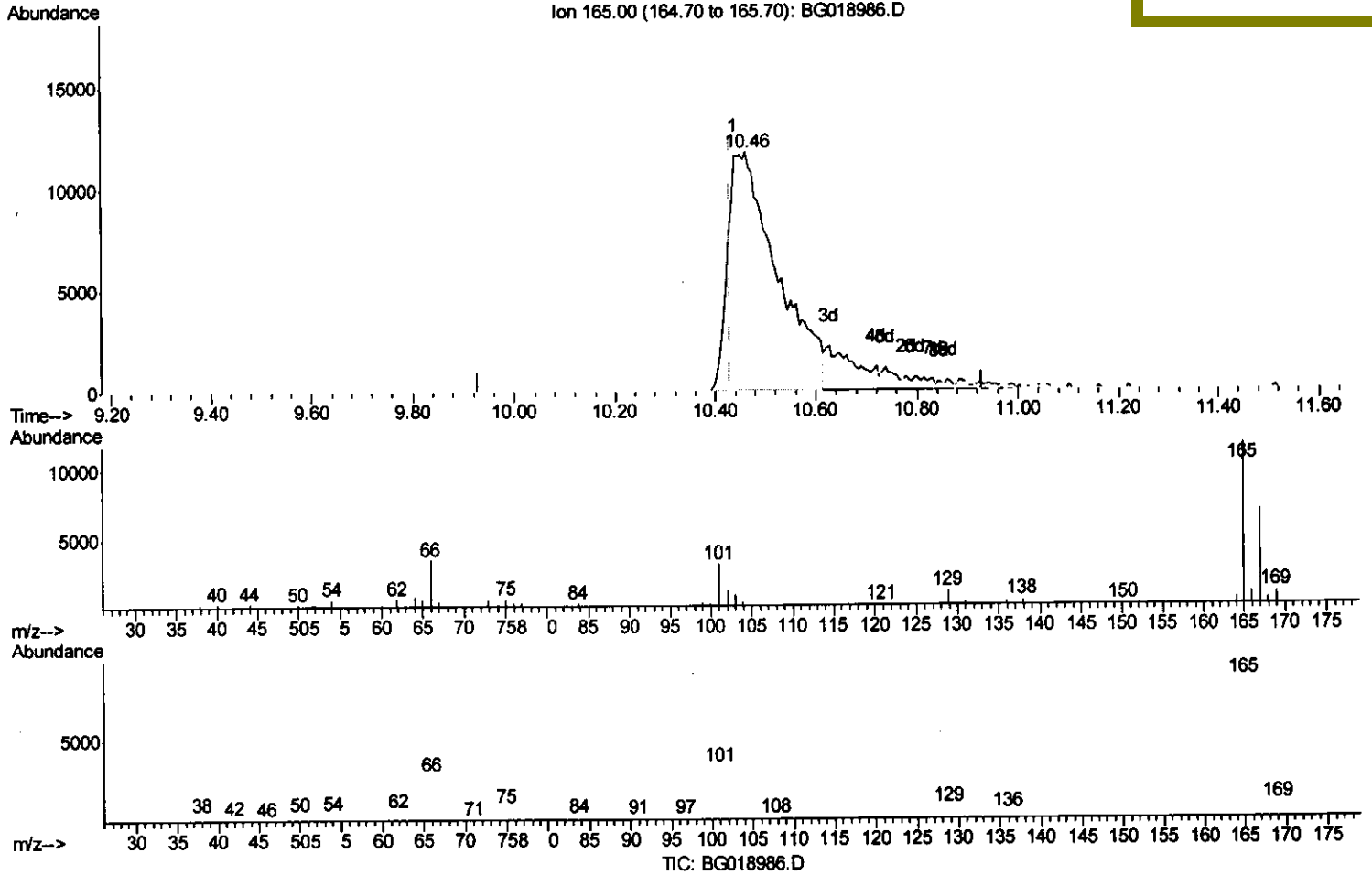
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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 5:43:55 PM



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

10.461min (+0.033) 23.71ng/ul m

response 80298

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	59.10
101.00	34.70	26.86#
0.00	0.00	0.00

> 0.033
 1015115

Quantitation Report (Qedit)

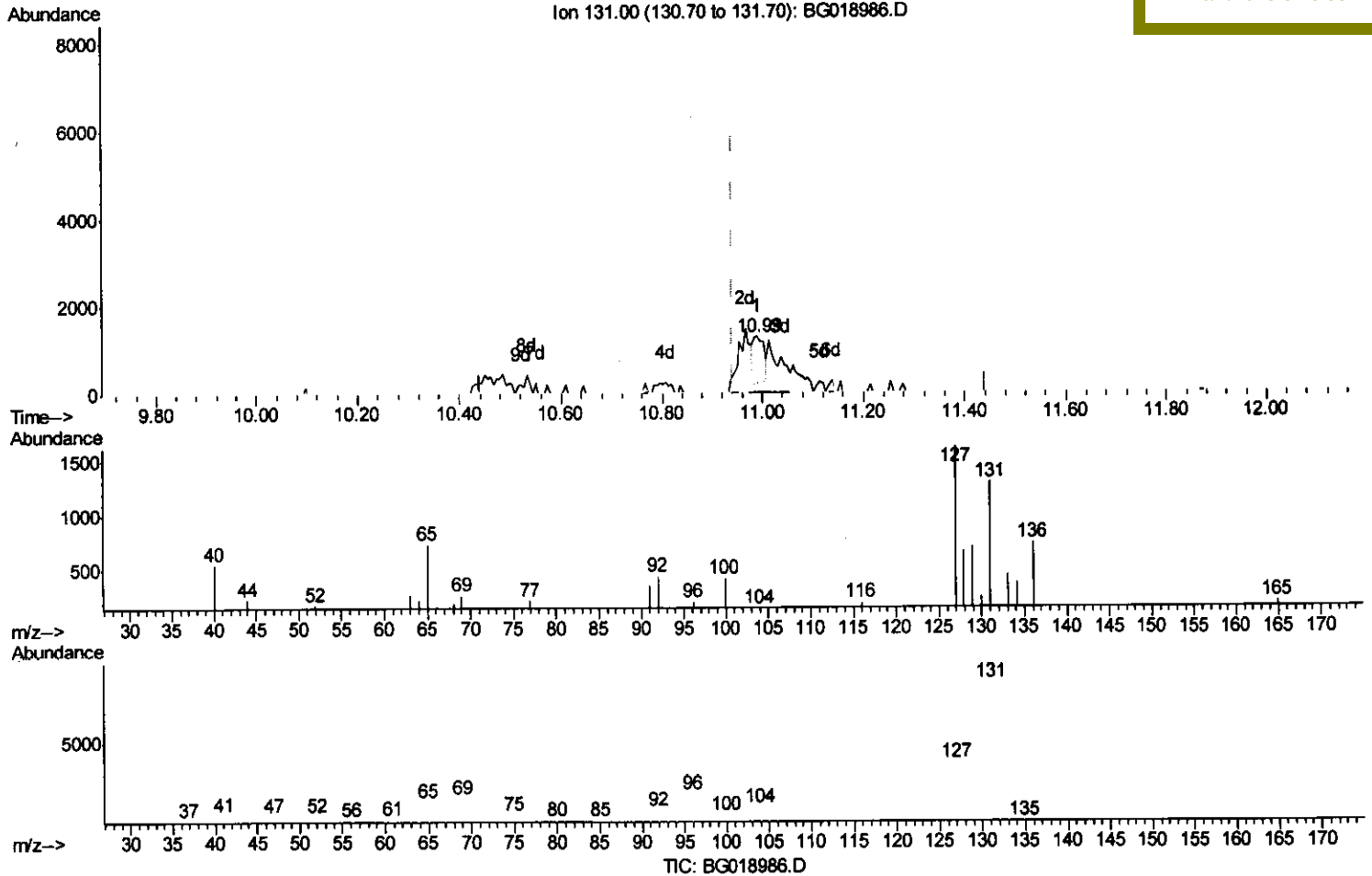
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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
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(29) 4-Chloroaniline-d4 (S)

10.990min (+0.050) 0.41ng/ul

response 1606

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	34.63
69.00	18.90	20.50
0.00	0.00	0.00

Quantitation Report (Qedit)

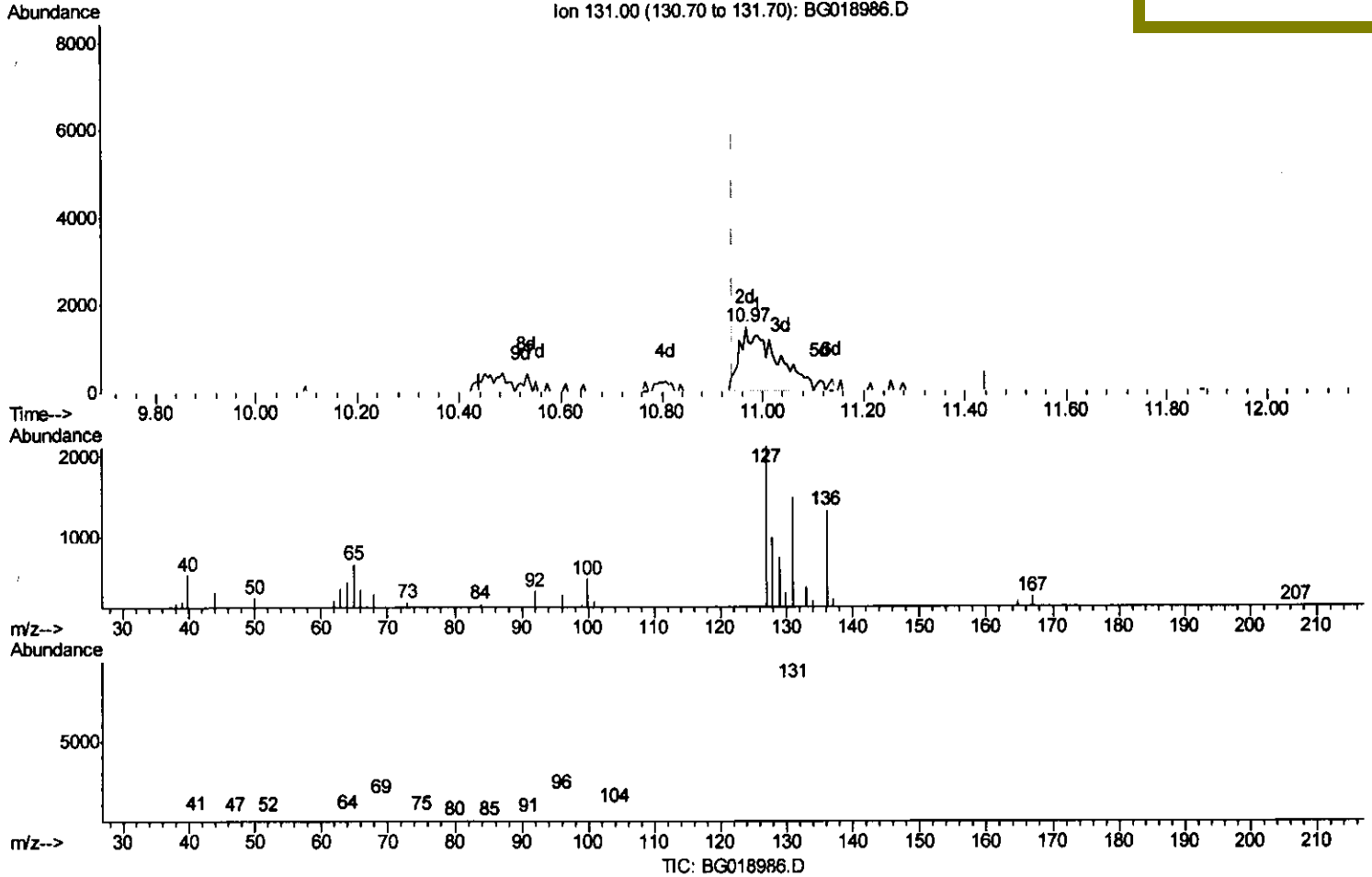
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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 5:43:55 PM



(29) 4-Chloroaniline-d4 (S)

10.966min (+0.027) 1.90ng/ul m

response 7494

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	26.31
69.00	18.90	0.00#
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

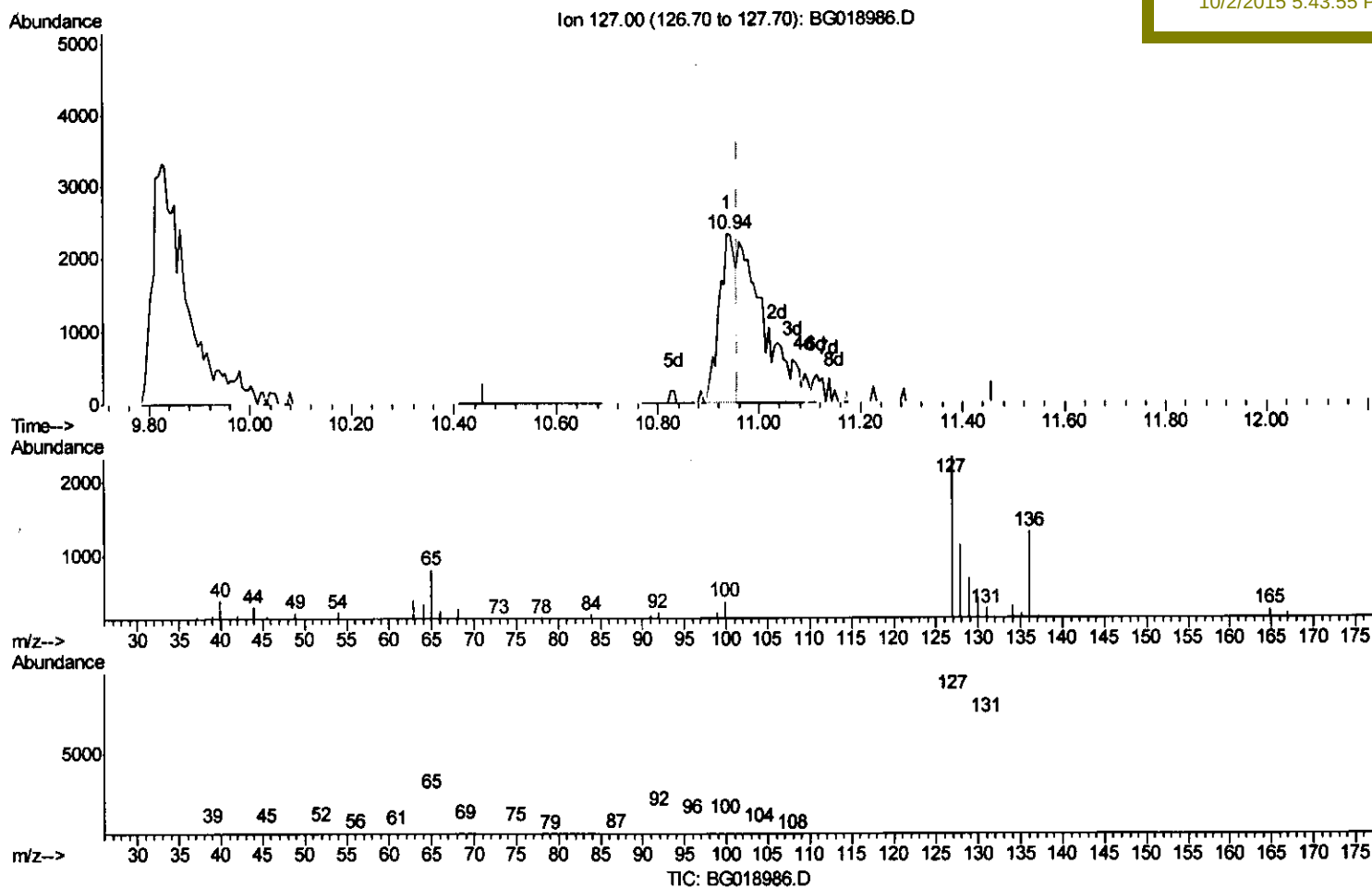
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018986.D
Acq On : 1 Oct 2015 19:31
Operator : UM/NP
Sample : G3831-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAP6

Quant Time: Oct 02 12:13:54 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 5:43:55 PM



(30) 4-Chloroaniline

10.937min (-0.020) 1.26ng/ul

response 5145

Ion	Exp%	Act%
127.00	100	100
129.00	33.40	29.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

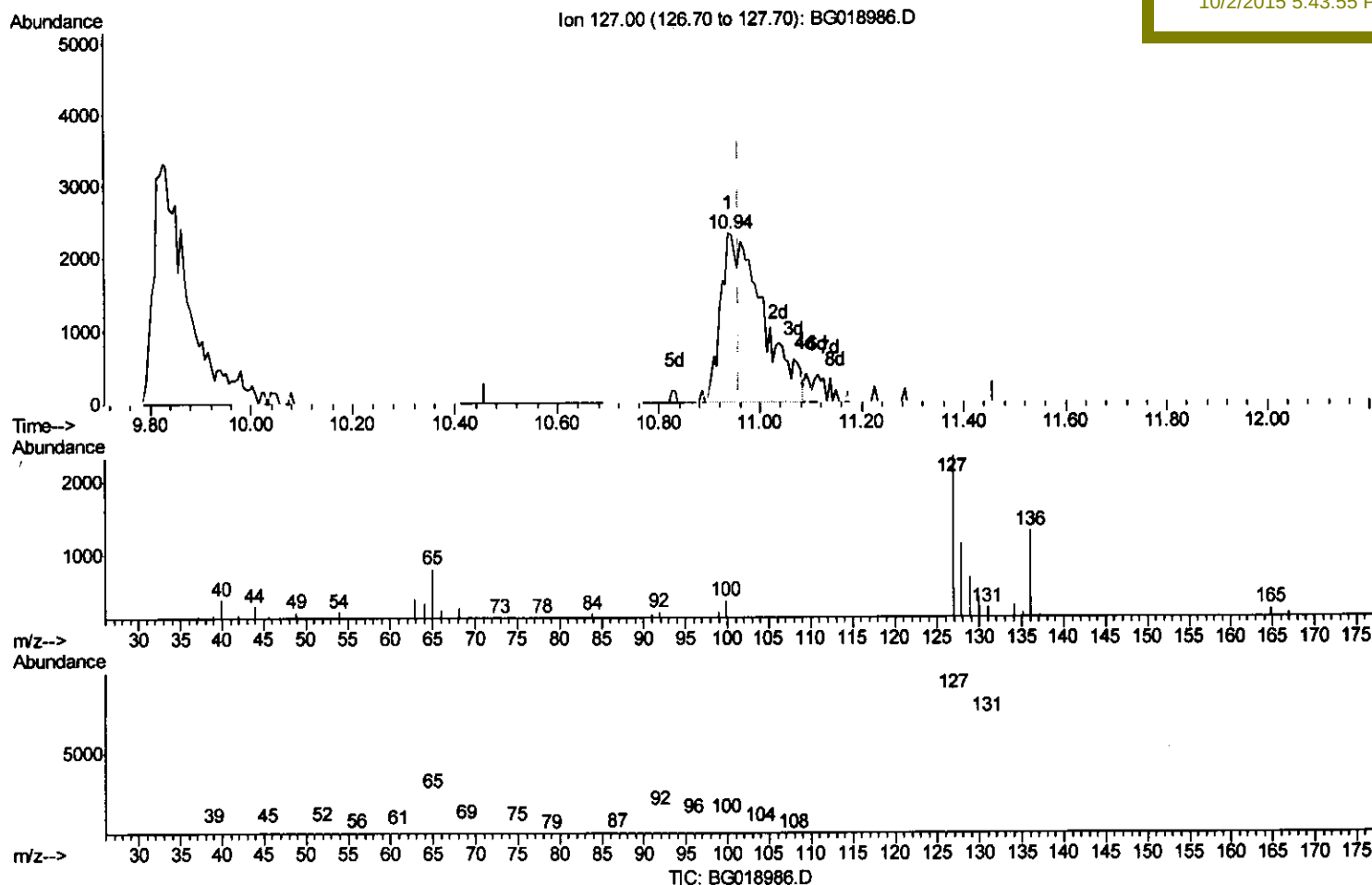
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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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(30) 4-Chloroaniline

10.937min (-0.020) 3.31ng/ul m

response 13484

> $\frac{U.M}{1015115}$

Ion	Exp%	Act%
127.00	100	100
129.00	33.40	29.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

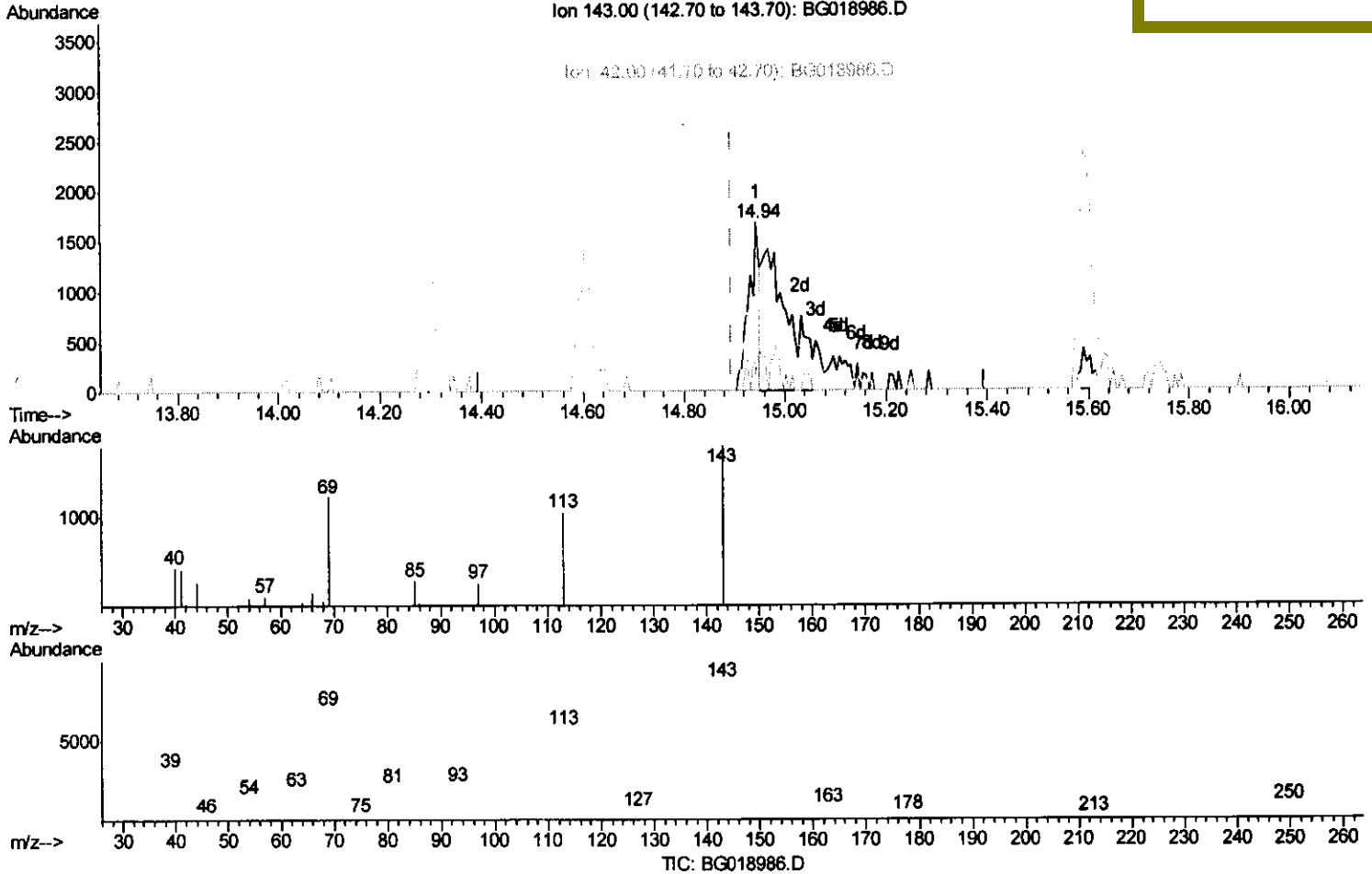
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP6

Quant Time: Oct 02 12:13:54 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)

14.944min (+0.050) 1.08ng/ul

response 2416

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	61.72#
41.00	51.70	29.96#
42.00	30.70	10.65#

Quantitation Report (Qedit)

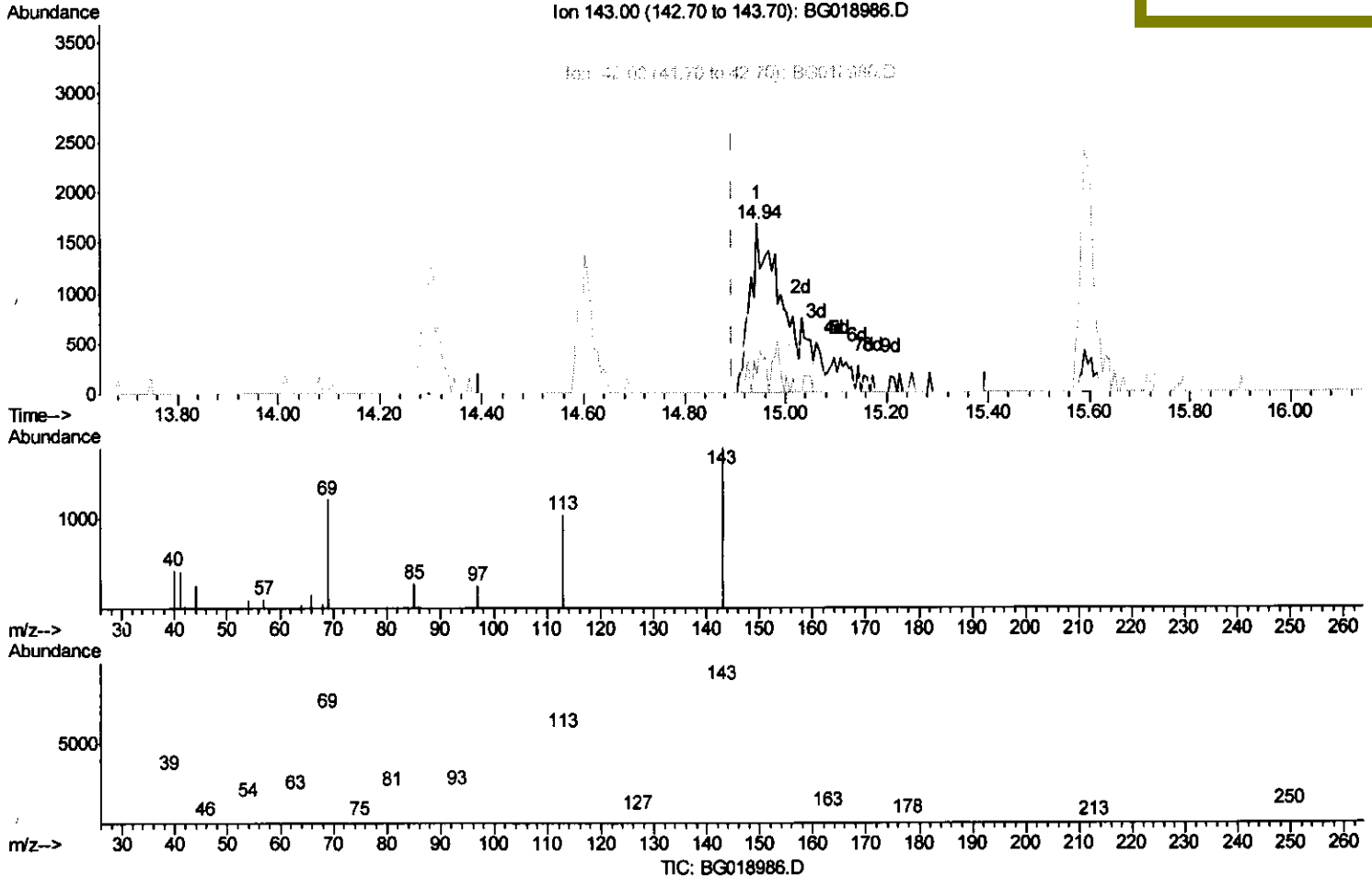
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:13:54 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)

14.944min (+0.050) 3.45ng/ul m

response 7718

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	61.72#
41.00	51.70	29.96#
42.00	30.70	10.65#

> U.M
 1015115

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018986.D
 Acq On : 1 Oct 2015 19:31
 Operator : UM/NP
 Sample : G3831-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAP6

Quant Time: Oct 02 12:18:30 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	53185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	211081	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	144892	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	372340	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	471452	20.00	ng/ul	0.00
86) Perylene-d12	24.77	264	463091	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1088	0.98	ng/uL	0.00
5) Phenol-d5	7.20	99	15867m	3.63	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.30	67	60978	24.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	60808	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	28555m	8.06	ng/ul	0.04
19) Nitrobenzene-d5	9.15	128	43122	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	47367	29.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	80298m	23.71	ng/ul	0.03
29) 4-Chloroaniline-d4	10.97	131	7494m	1.90	ng/ul	0.03
44) Dimethylphthalate-d6	14.00	166	346083	29.68	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	423870	30.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	7718m	3.45	ng/ul	0.05
58) Fluorene-d10	15.60	176	314014	30.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	34372	19.50	ng/ul	0.00
71) Anthracene-d10	17.45	188	514213	31.37	ng/ul	0.00
79) Pyrene-d10	19.73	212	641286	29.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	714183	31.69	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.44	88	5002	4.18	ng/uL# 78
6) Phenol	7.23	94	21995m	4.87	ng/ul
30) 4-Chloroaniline	10.94	127	13484m	3.31	ng/ul

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

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