

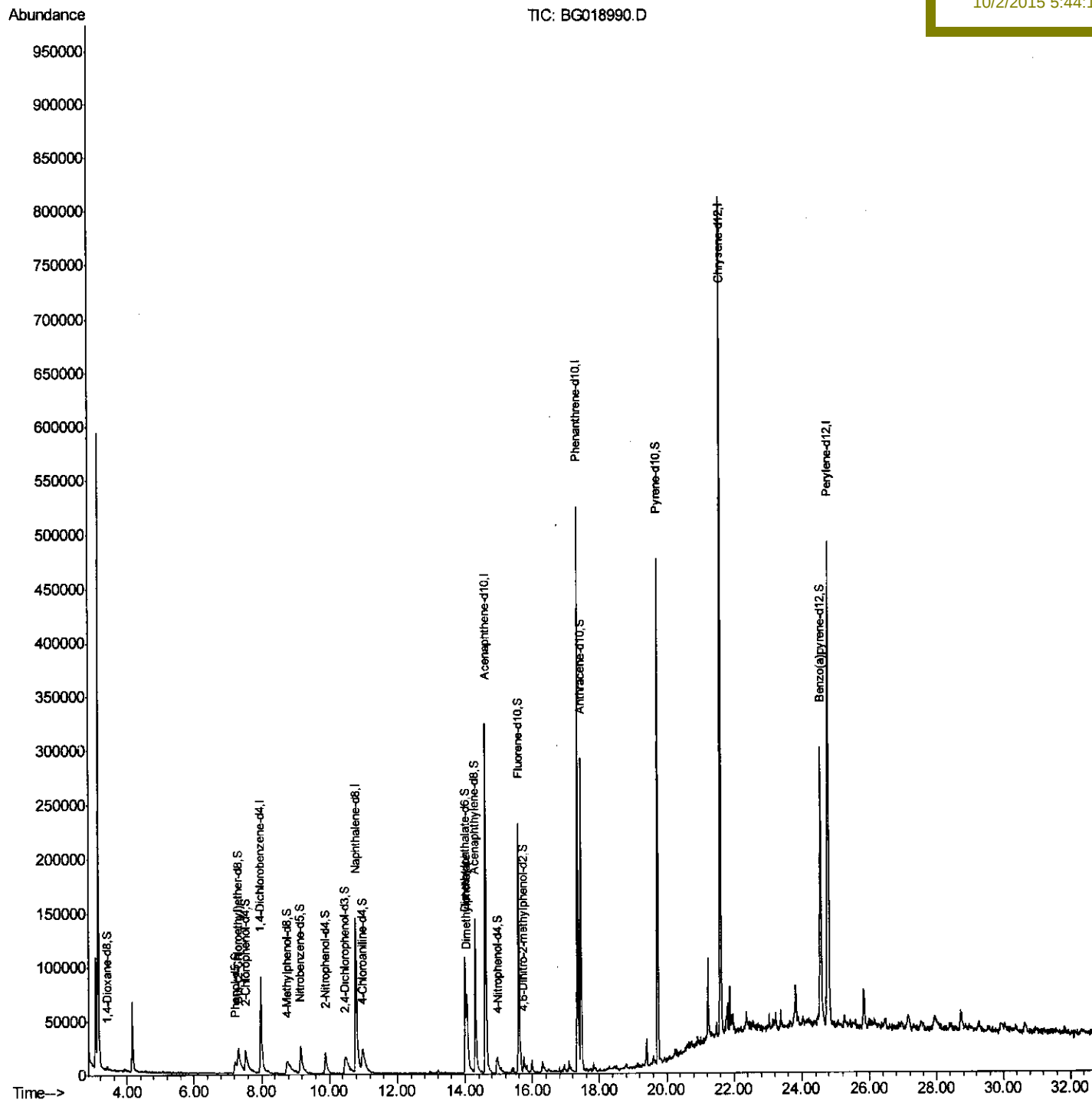
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018990.D
Acq On : 1 Oct 2015 22:03
Operator : UM/NP
Sample : G3865-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
Client Sample Id :
E5MZ4

Quant Time: Oct 02 12:53:47 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)

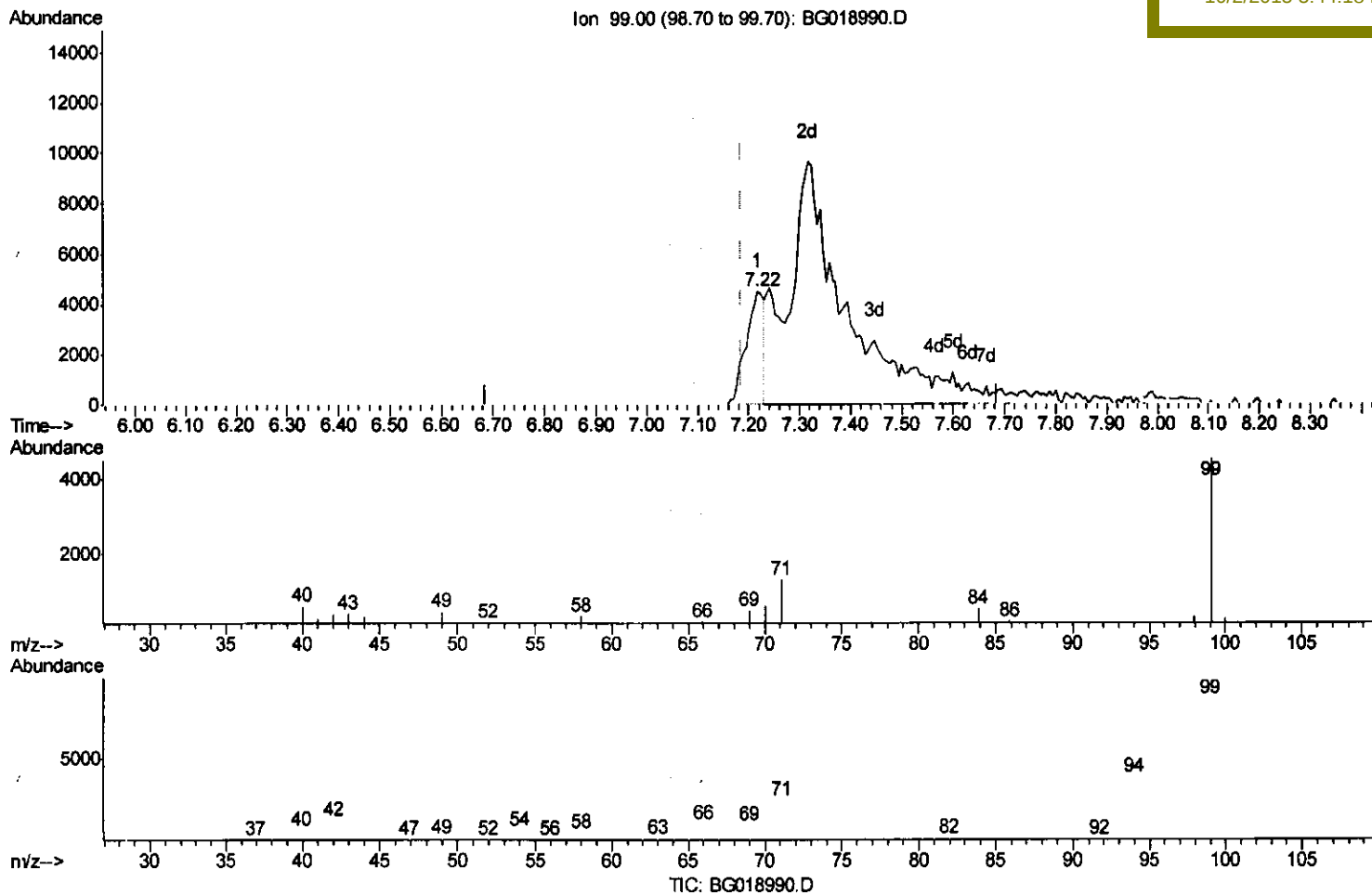
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(5) Phenol-d5 (S)

7.217min (+0.032) 2.64ng/ul

response 10819

Ion	Exp%	Act%
99.00	100	100
71.00	32.70	29.12
42.00	21.00	8.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

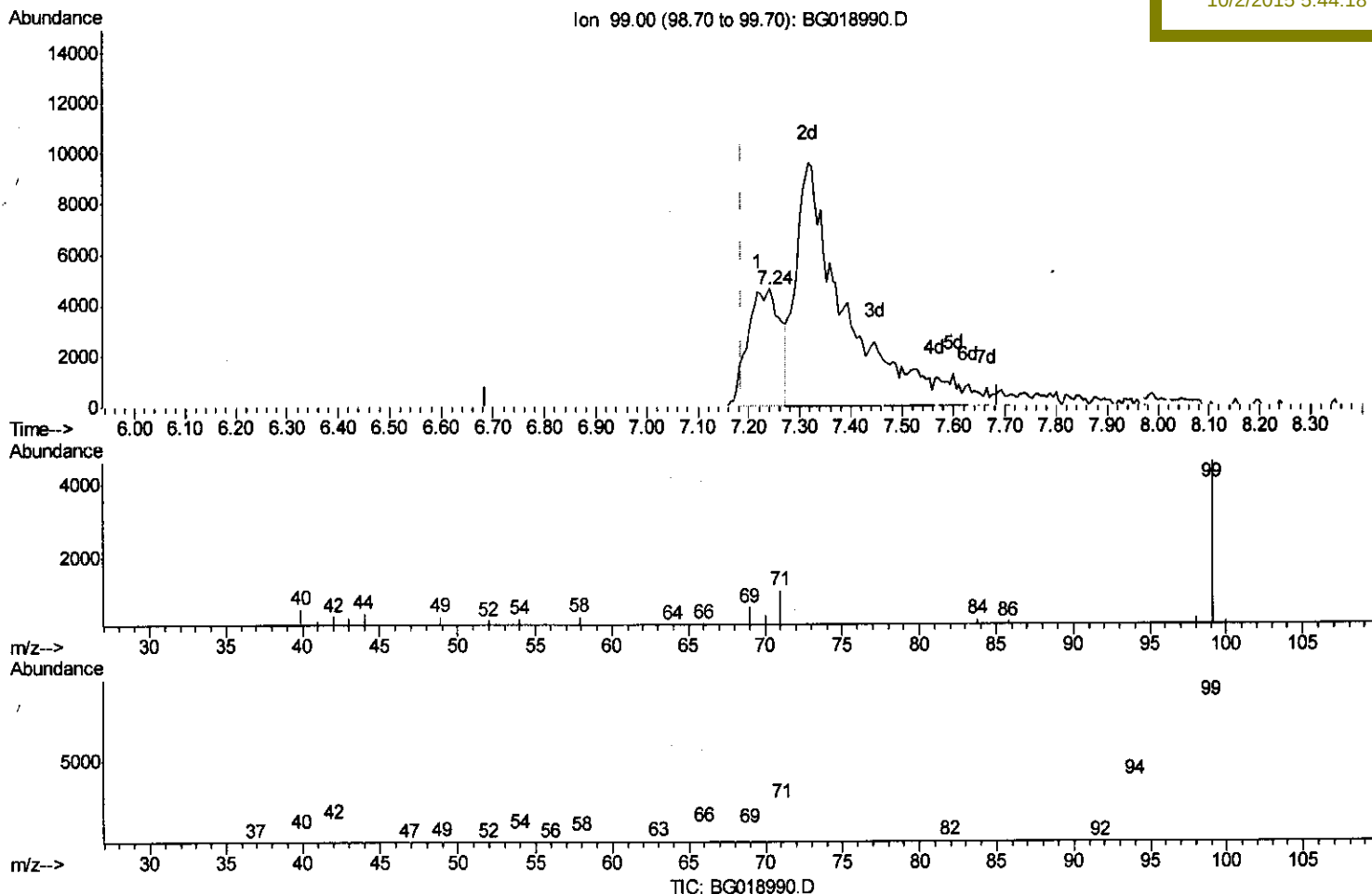
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(5) Phenol-d5 (S)

7.241min (+0.056) 4.95ng/ul m

response 20296

> U.M
 1015115

Ion	Exp%	Act%
99.00	100	100
71.00	32.70	23.45#
42.00	21.00	8.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

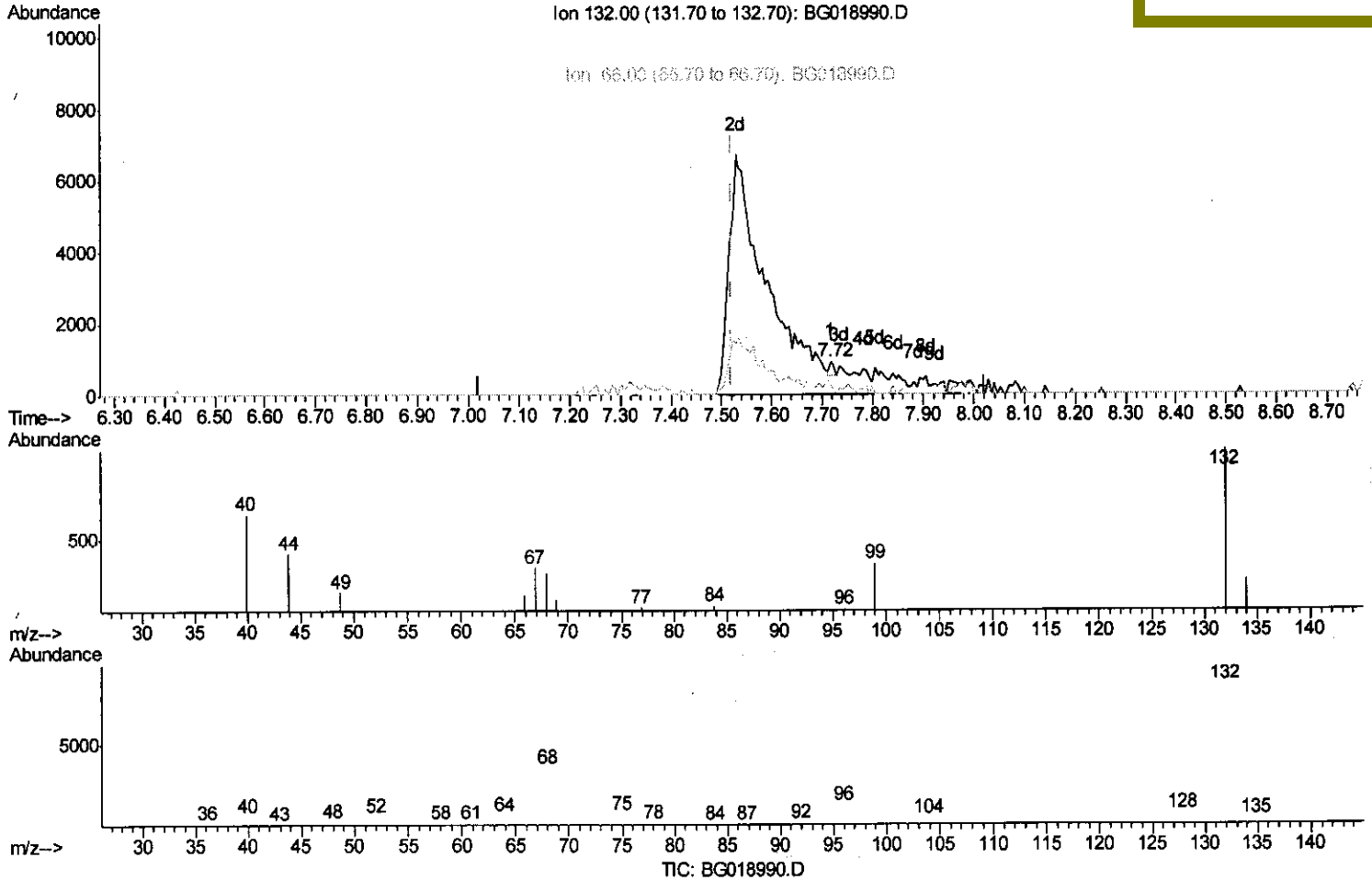
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(9) 2-Chlorophenol-d4 (S)

7.717min (+0.197) 0.08ng/ul

response 259

Ion	Exp%	Act%
132.00	100	100
134.00	33.10	33.12
68.00	41.10	36.45
66.00	28.80	24.84

Quantitation Report (Qedit)

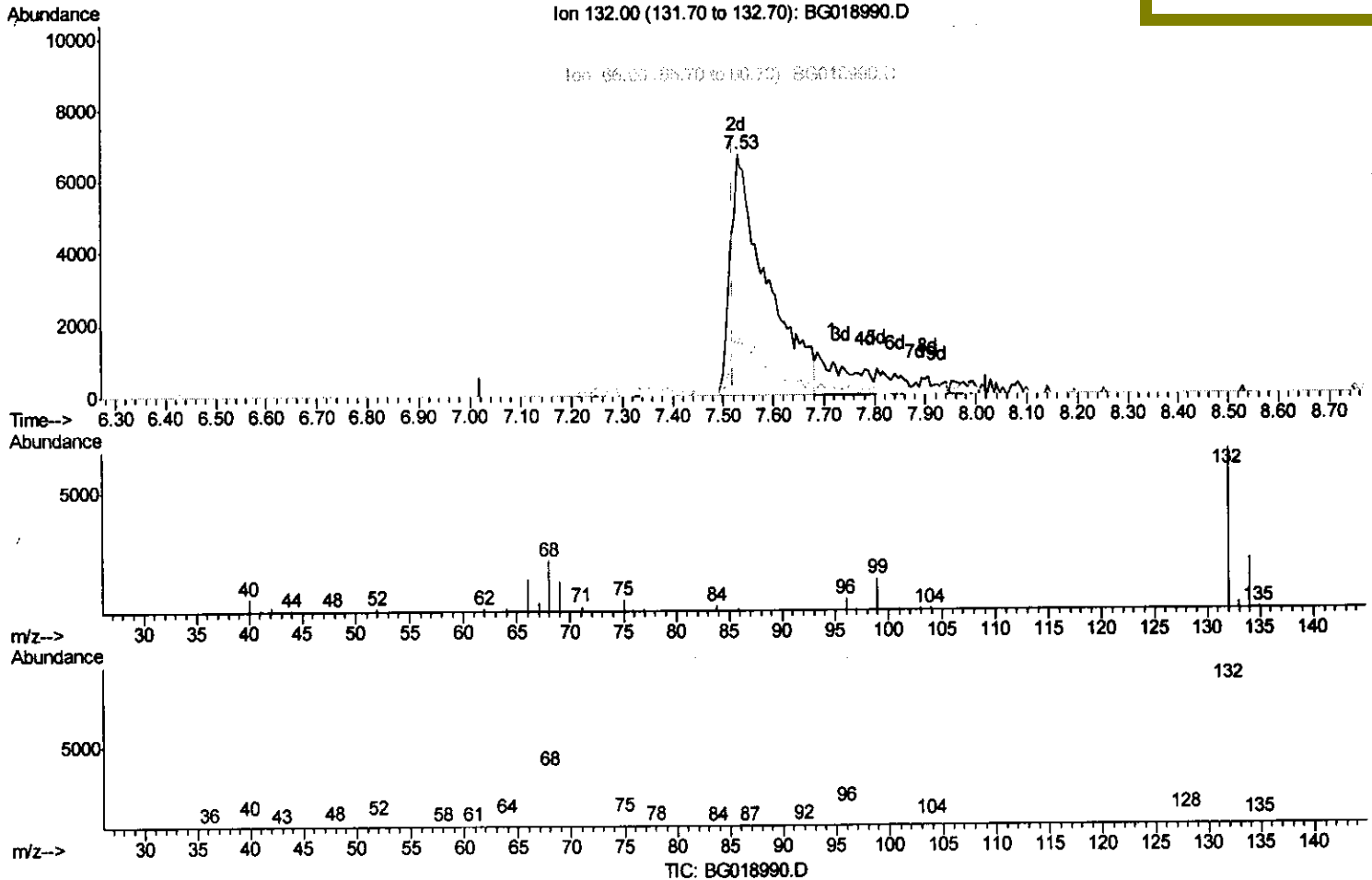
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESMZ4

Quant Time: Oct 02 12:48:27 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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(9) 2-Chlorophenol-d4 (S)

7.529min (+0.009) 10.89ng/ul m

response 33834

Ion	Exp%	Act%
132.00	100	100
134.00	33.10	33.18
68.00	41.10	32.87#
66.00	28.80	21.41#

U.M
 1015115

Quantitation Report (Qedit)

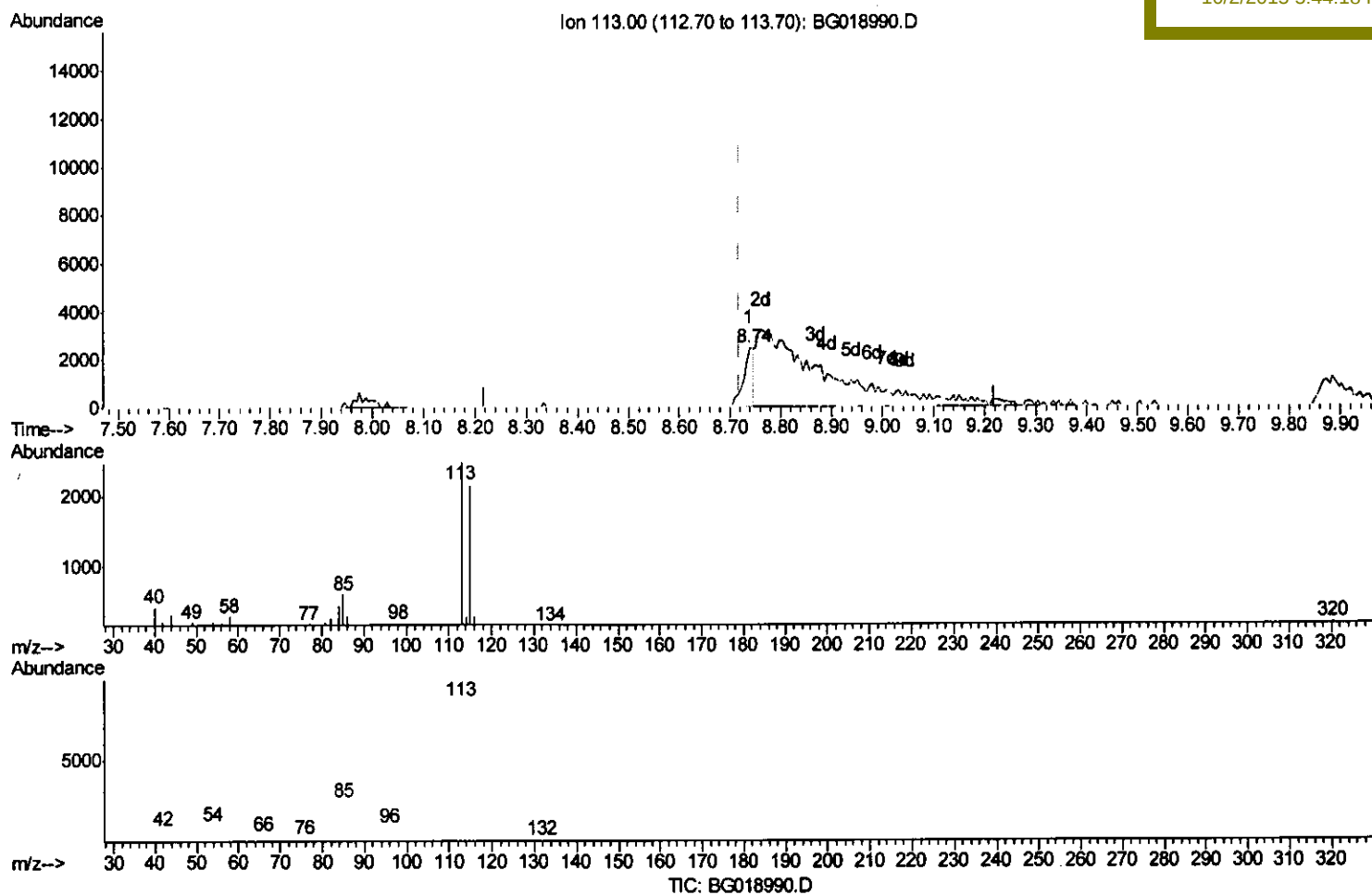
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(13) 4-Methylphenol-d8 (S)

8.739min (+0.021) 1.02ng/ul

response 3380

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	86.49
54.00	13.60	8.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

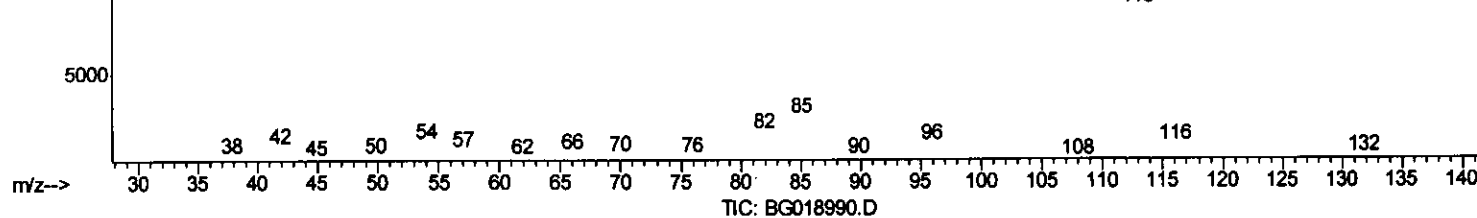
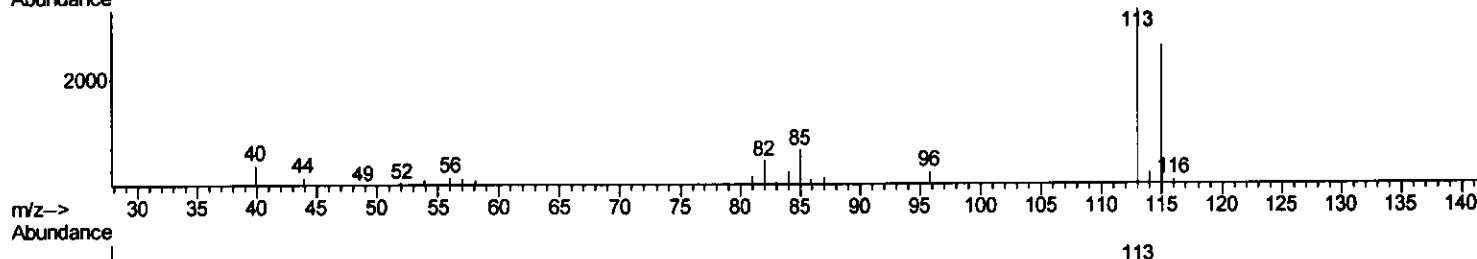
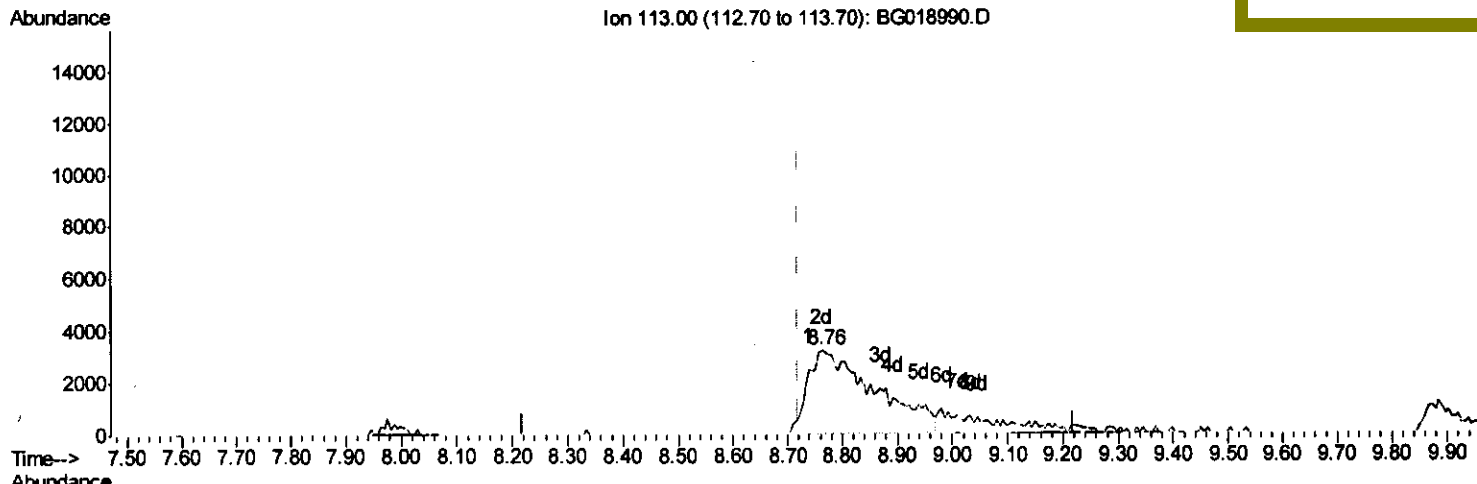
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(13) 4-Methylphenol-d8 (S)

8.763min (+0.044) 8.30ng/ul m

response 27635

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	79.64
54.00	13.60	7.54#
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

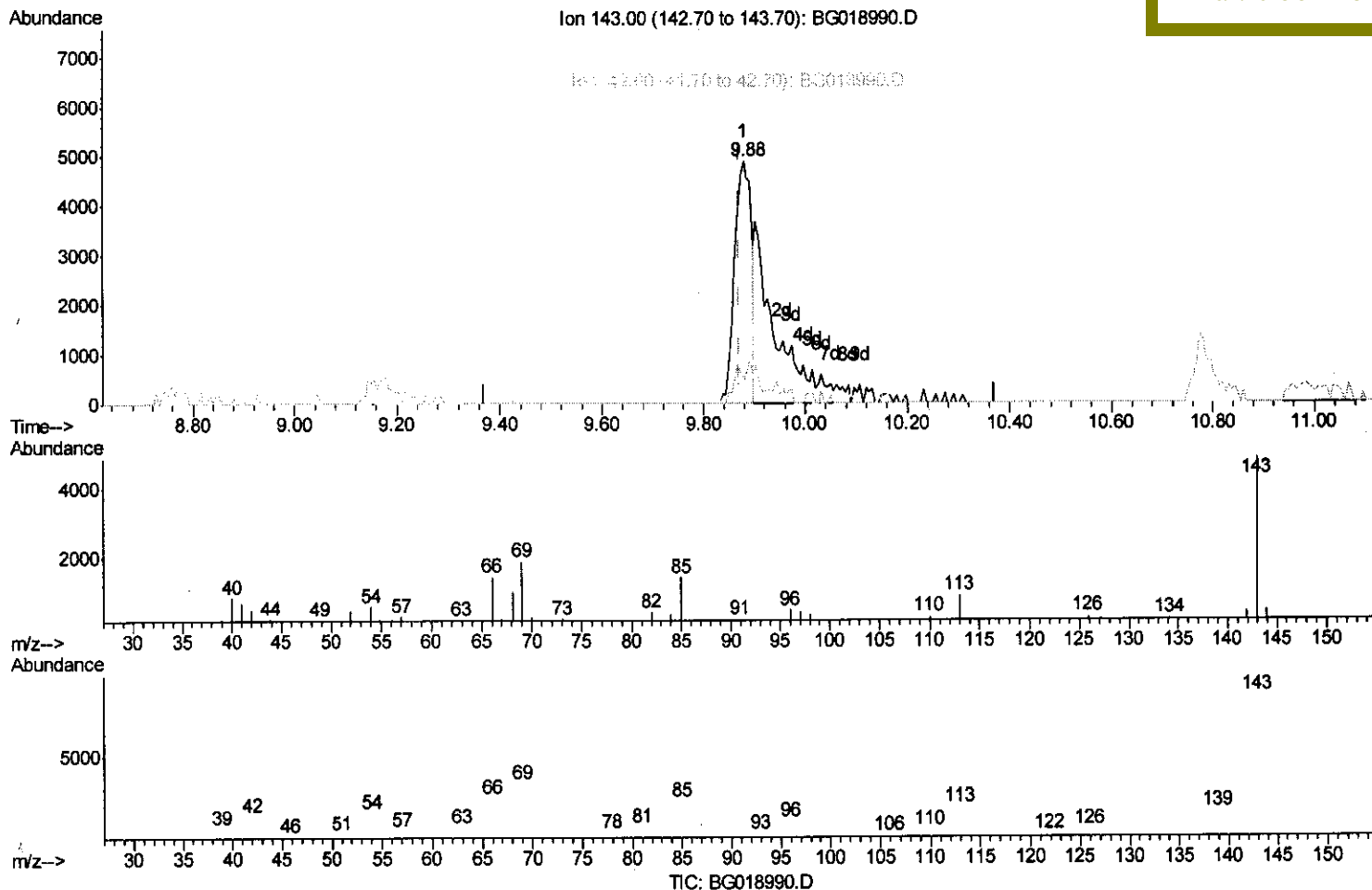
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(22) 2-Nitrophenol-d4 (S)

9.879min (+0.009) 6.00ng/ul

response 10999

Ion	Exp%	Act%
143.00	100	100
69.00	54.30	38.47#
41.00	29.50	13.60#
42.00	26.80	10.06#

Quantitation Report (Qedit)

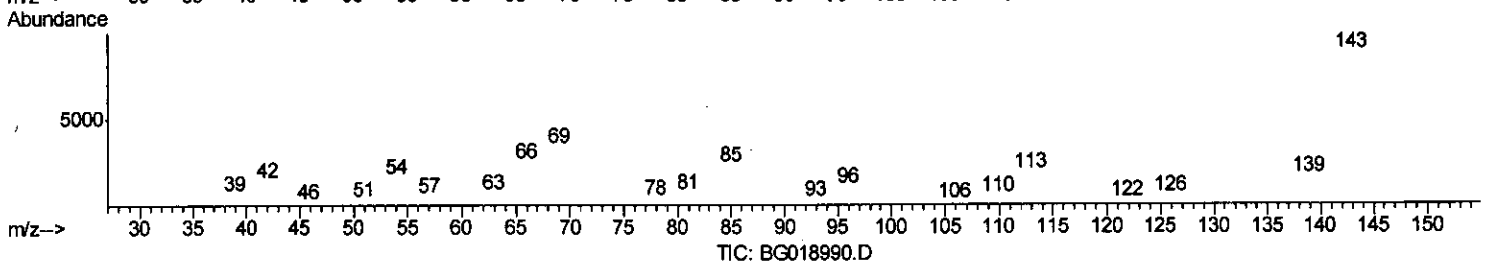
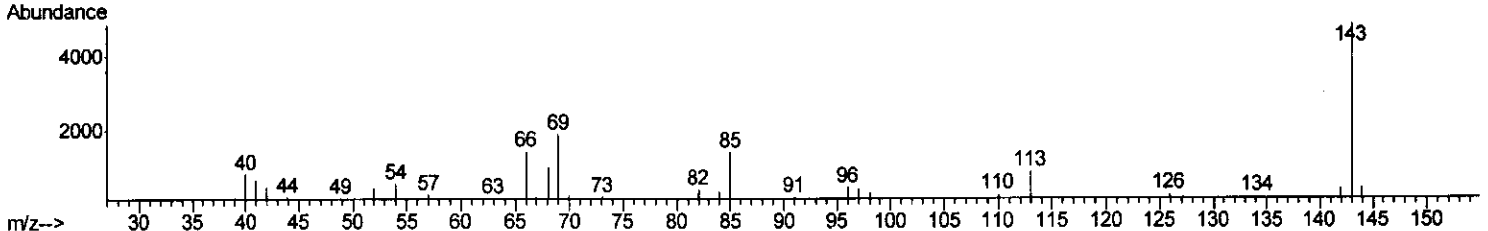
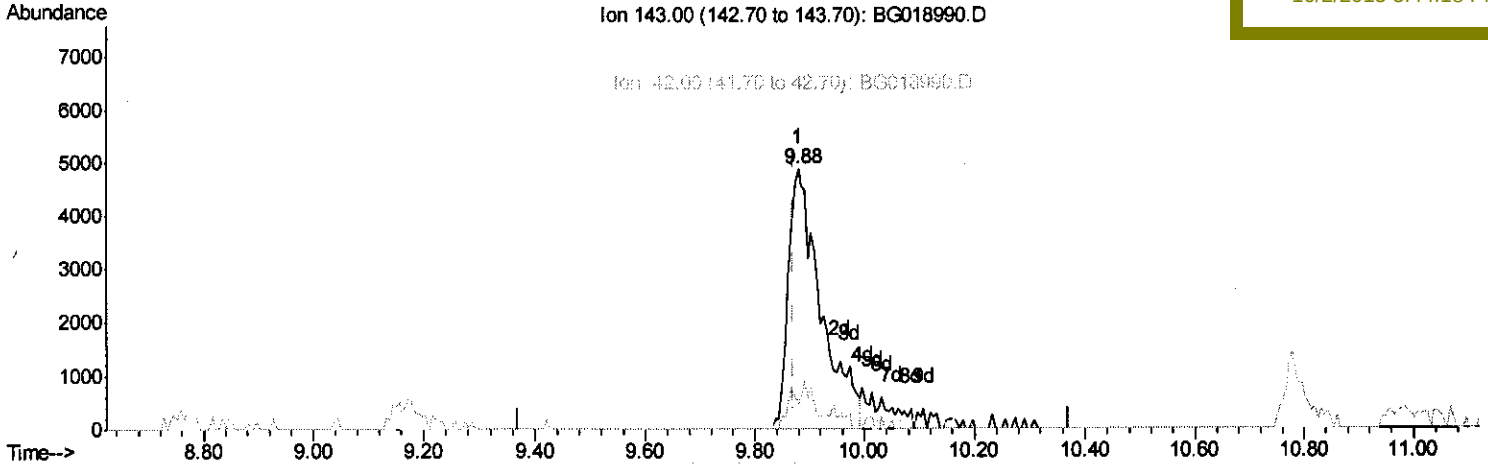
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(22) 2-Nitrophenol-d4 (S)

9.879min (+0.009) 10.93ng/ul m

response 20047

Ion	Exp%	Act%
143.00	100	100
69.00	54.30	38.47#
41.00	29.50	13.60#
42.00	26.80	10.06#

> U.M
 10/5/15

Quantitation Report (Qedit)

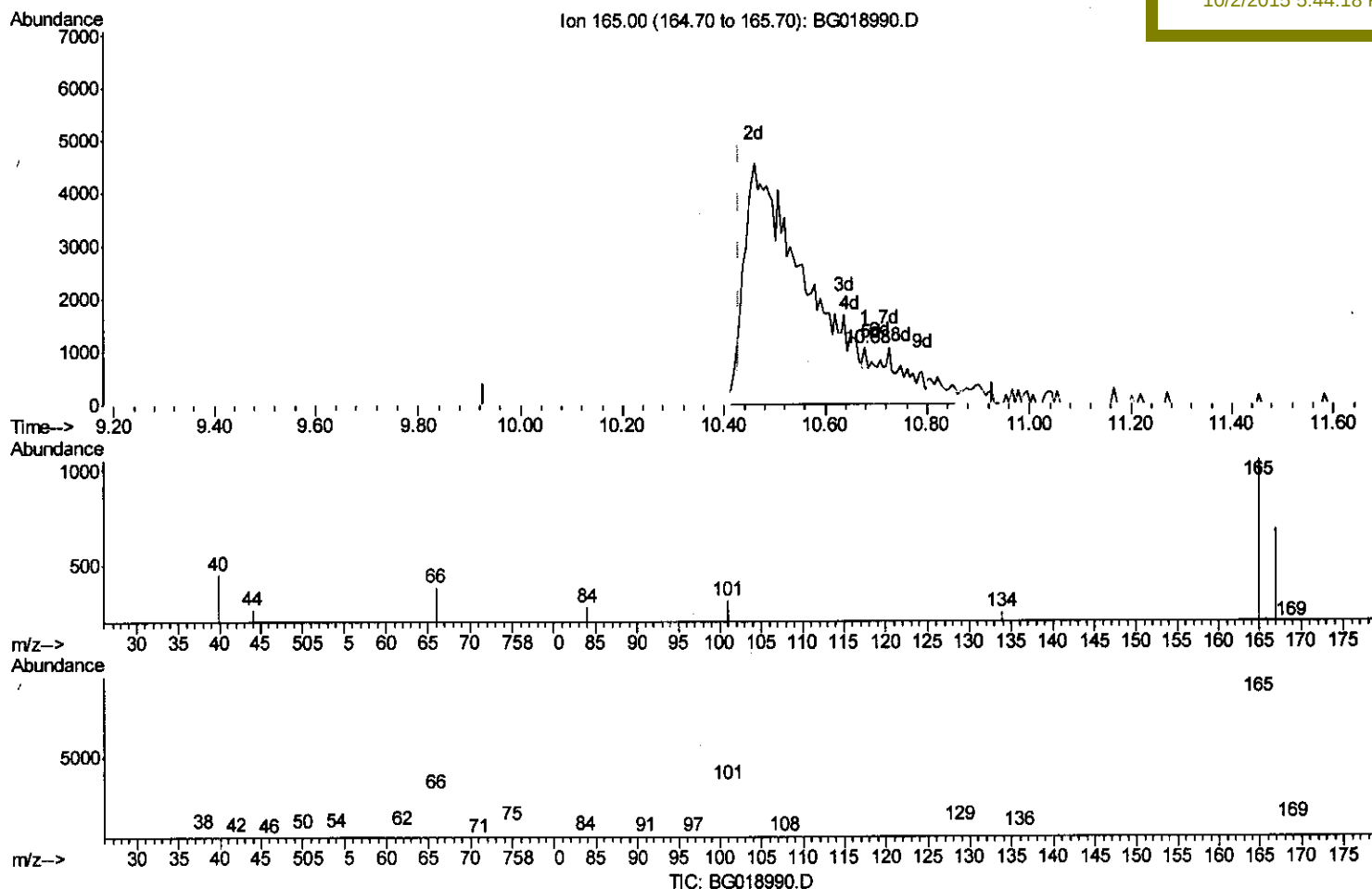
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



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

10.678min (+0.250) 0.04ng/ul

response 139

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	65.24
101.00	34.70	30.29
0.00	0.00	0.00

Quantitation Report (Qedit)

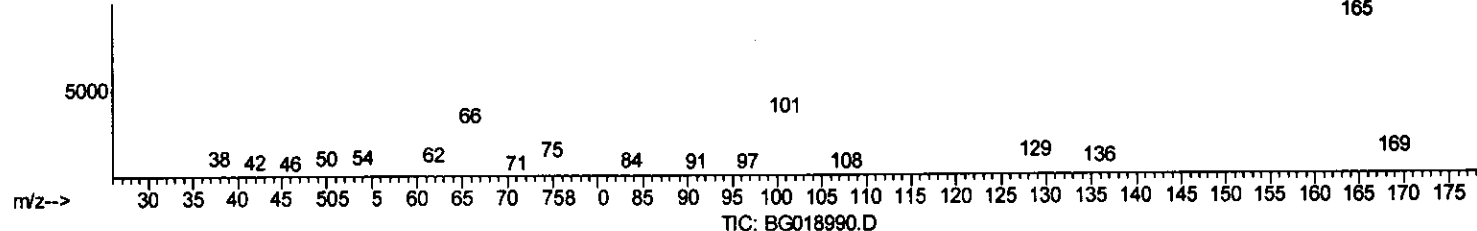
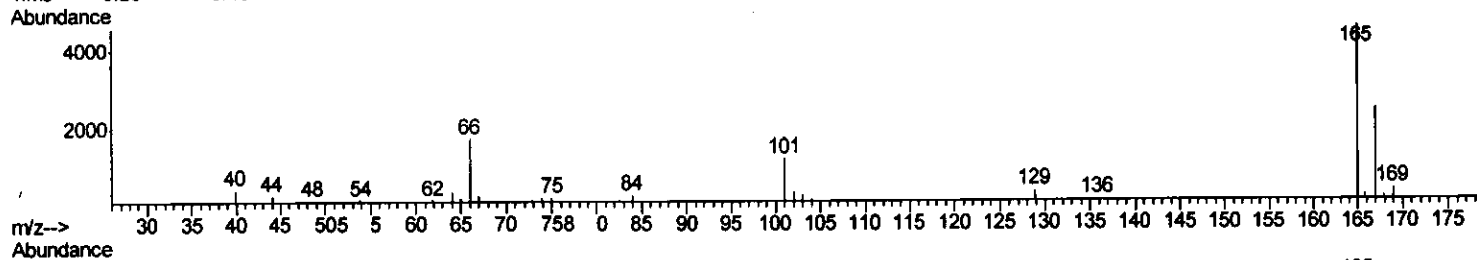
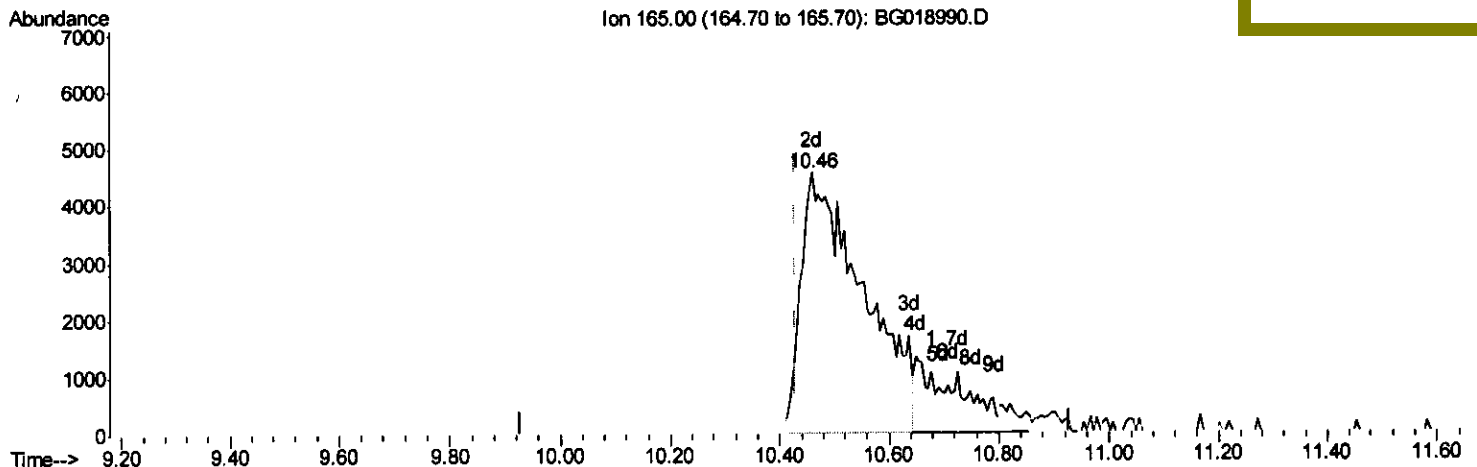
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



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

10.461min (+0.032) 9.36ng/ul m

response 36125

U.M
 1015715

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	53.48
101.00	34.70	26.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

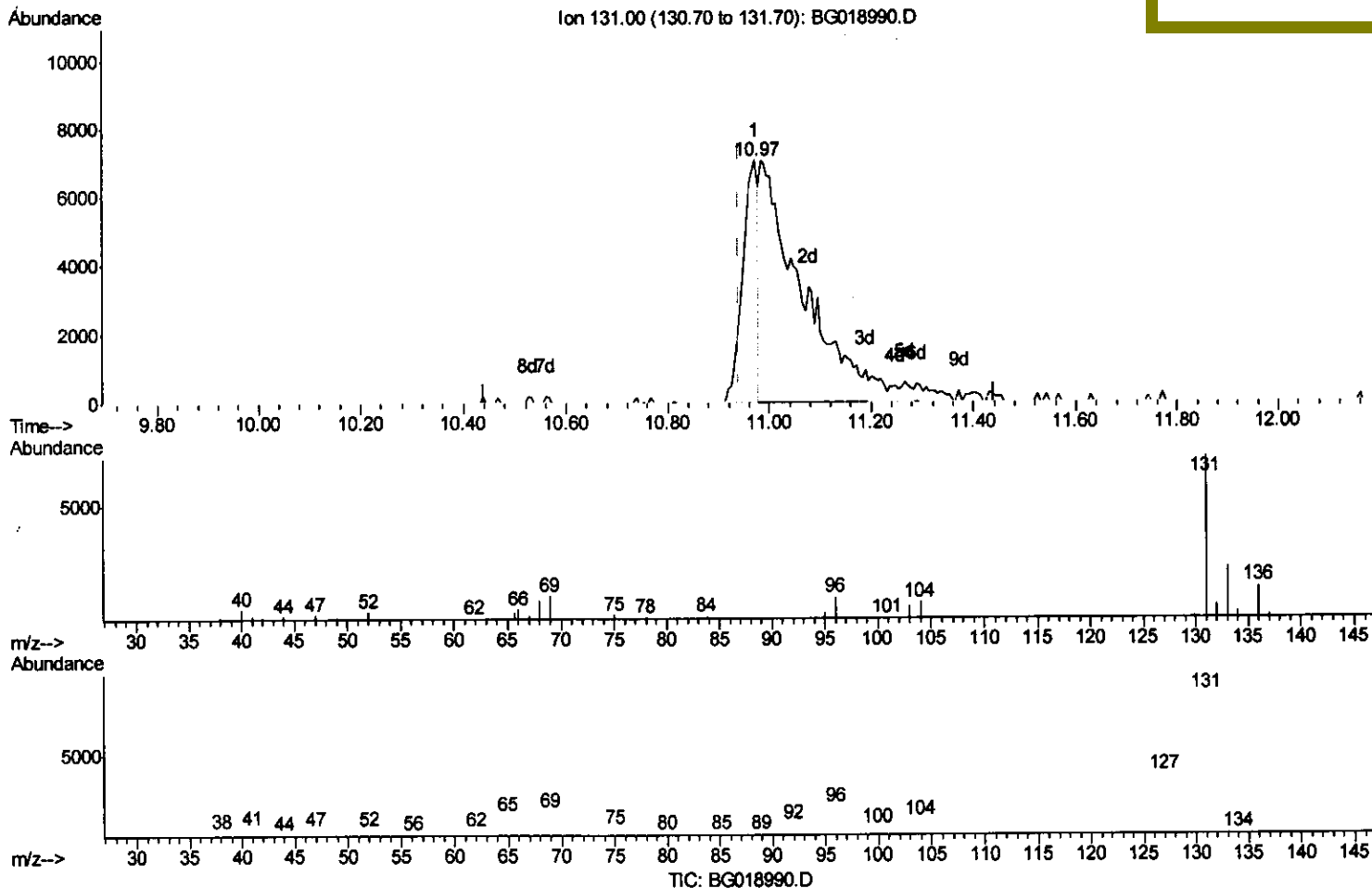
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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(29) 4-Chloroaniline-d4 (S)

10.972min (+0.032) 3.29ng/ui

response 14755

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	33.14
69.00	18.90	16.44
0.00	0.00	0.00

Quantitation Report (Qedit)

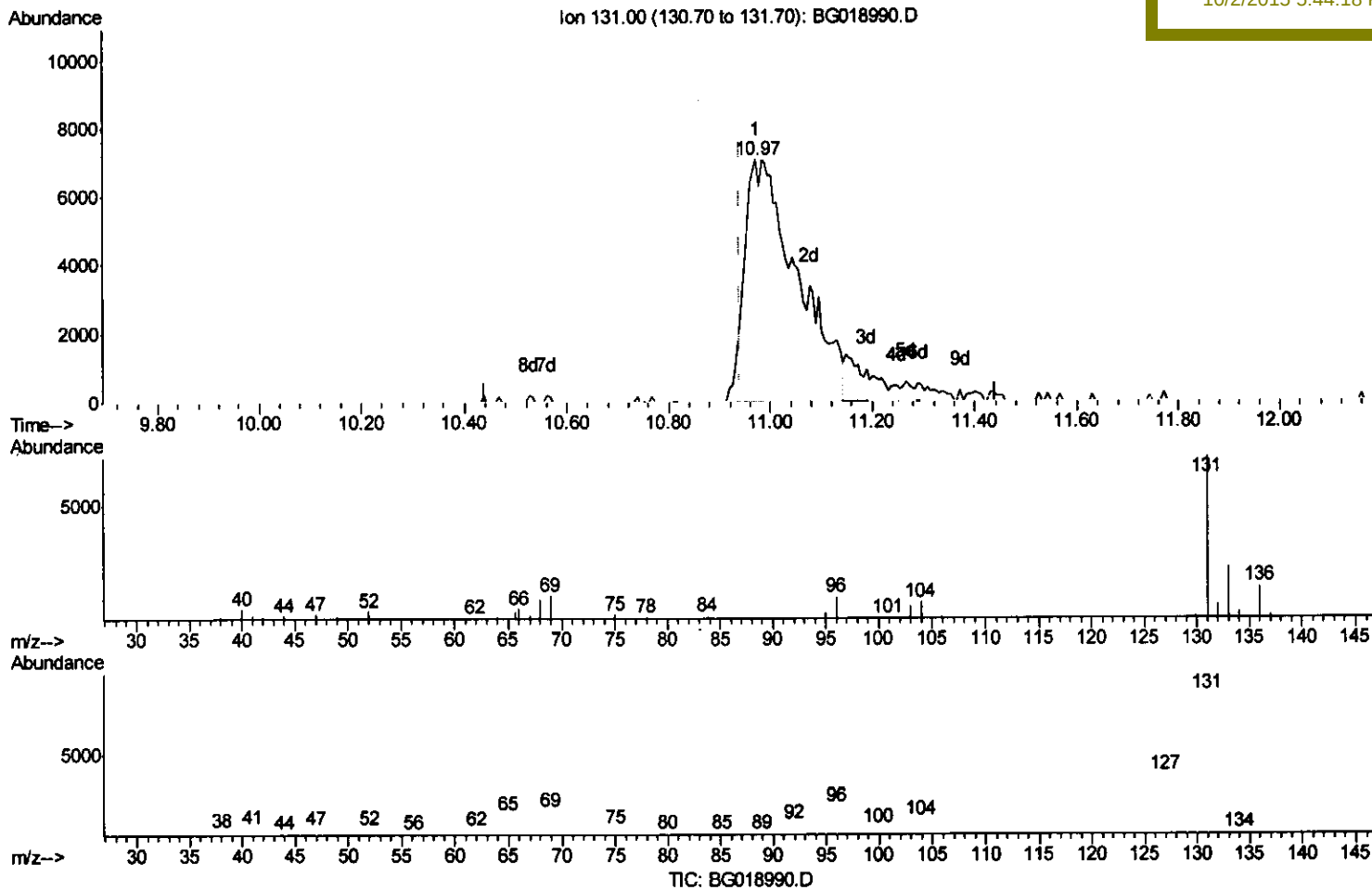
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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
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(29) 4-Chloroaniline-d4 (S)

10.972min (+0.032) 11.28ng/ul m

response 50684

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	33.14
69.00	18.90	16.44
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

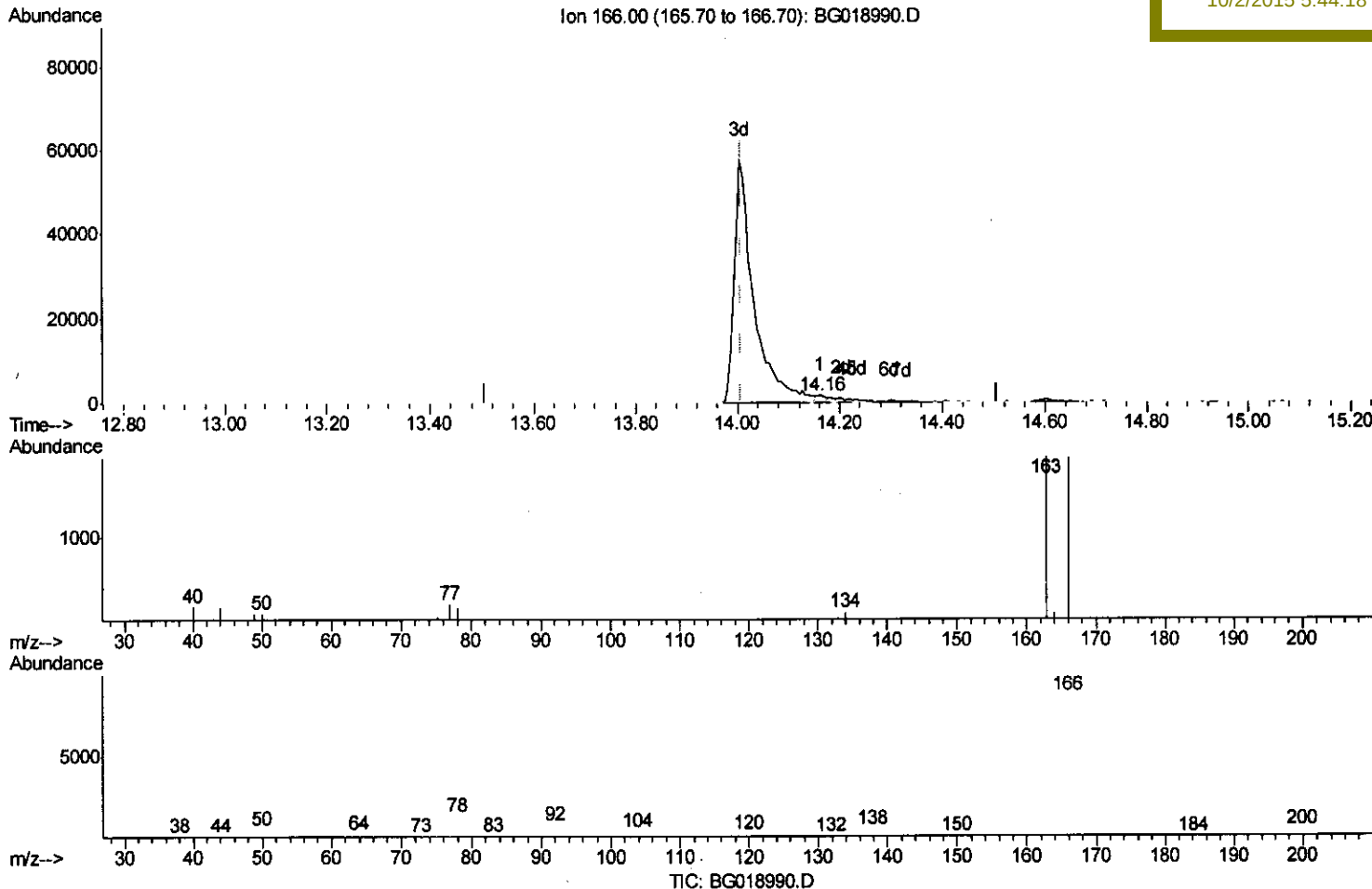
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(44) Dimethylphthalate-d6 (S)

14.162min (+0.156) 0.14ng/ul

response 1831

Ion	Exp%	Act%
166.00	100	100
78.00	17.70	14.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

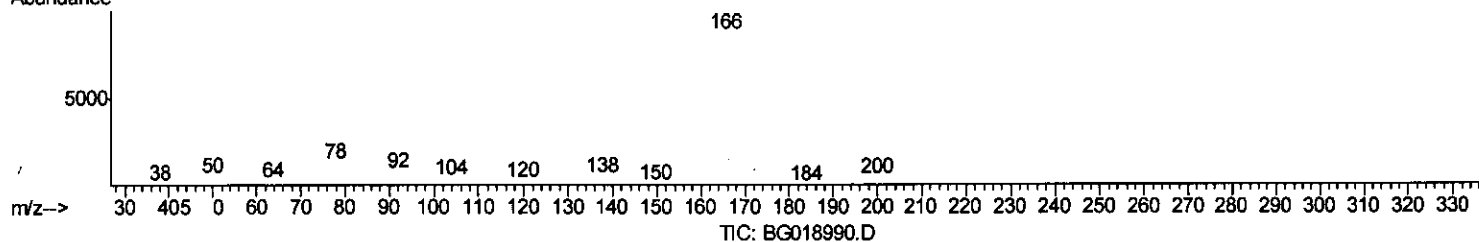
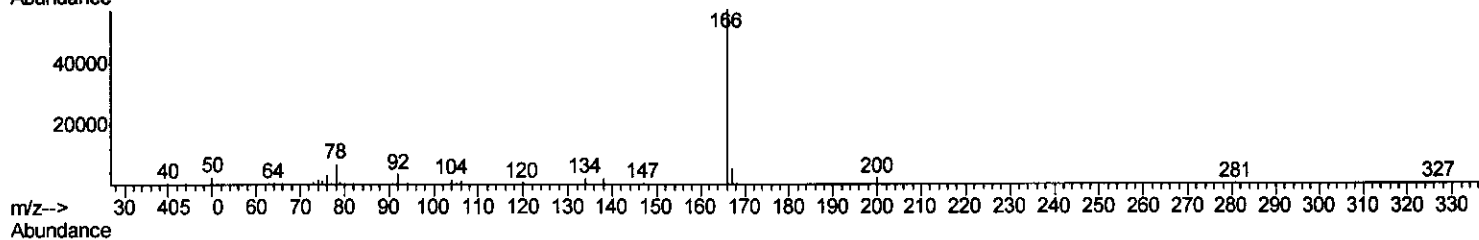
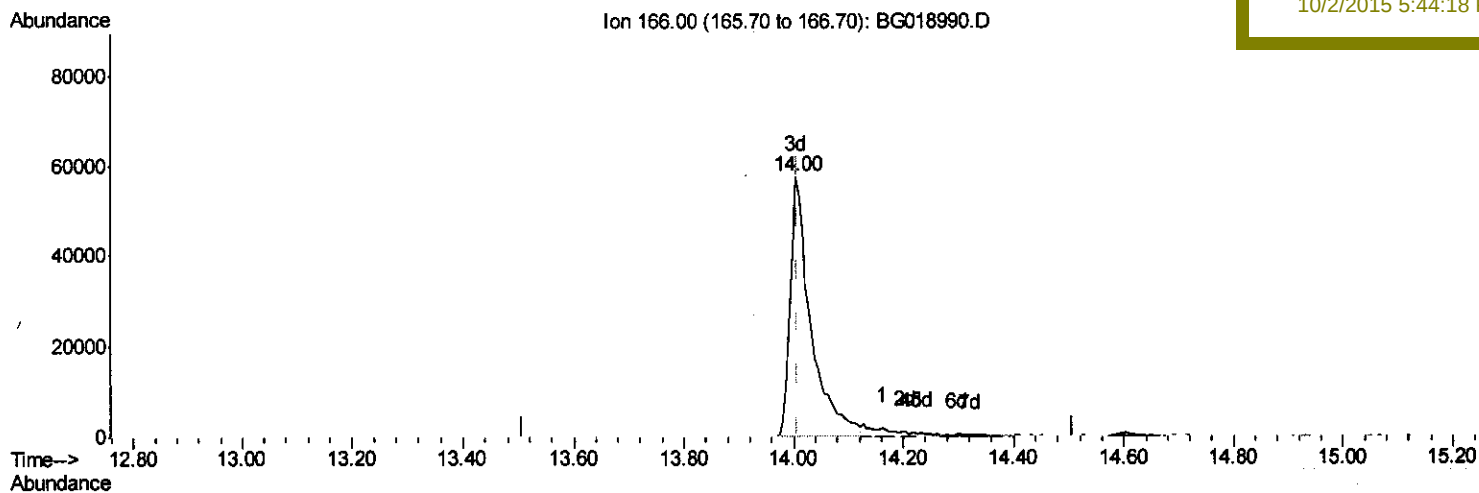
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018990.D
Acq On : 1 Oct 2015 22:03
Operator : UM/NP
Sample : G3865-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5MZ4

Manual Integrations
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Quant Time: Oct 02 12:48:27 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



(44) Dimethylphthalate-d6 (S)

14.003min (-0.003) 11.93ng/ul m

response 151587

Ion	Exp%	Act%
166.00	100	100
78.00	17.70	11.98#
0.00	0.00	0.00
0.00	0.00	0.00

> U.M
1015115

Quantitation Report (Qedit)

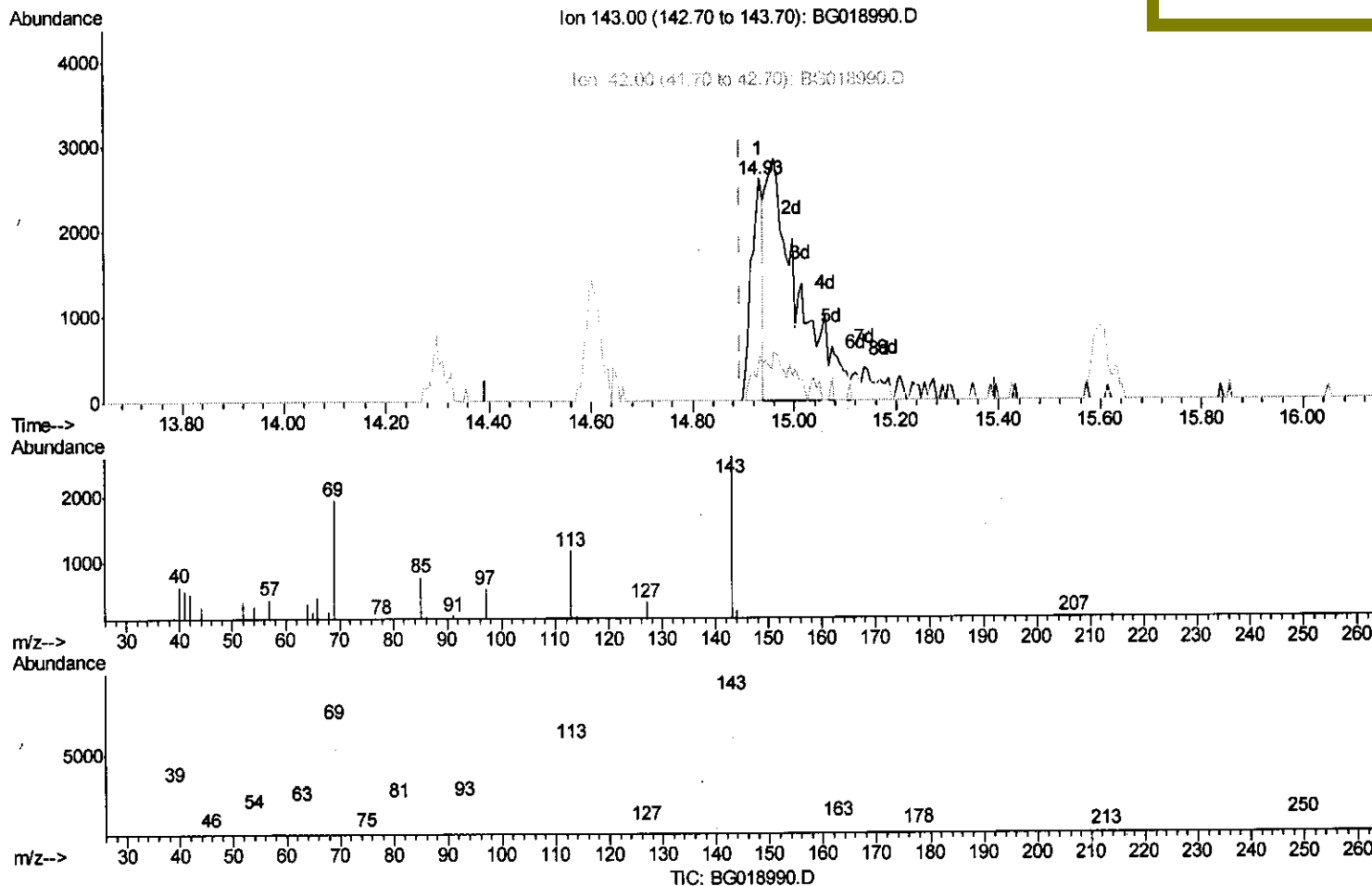
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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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 10/2/2015 5:44:18 PM



(52) 4-Nitrophenol-d4 (S)

14.932min (+0.038) 1.65ng/ul

response 4037

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	45.05#
41.00	51.70	21.81#
42.00	30.70	19.81#

Quantitation Report (Qedit)

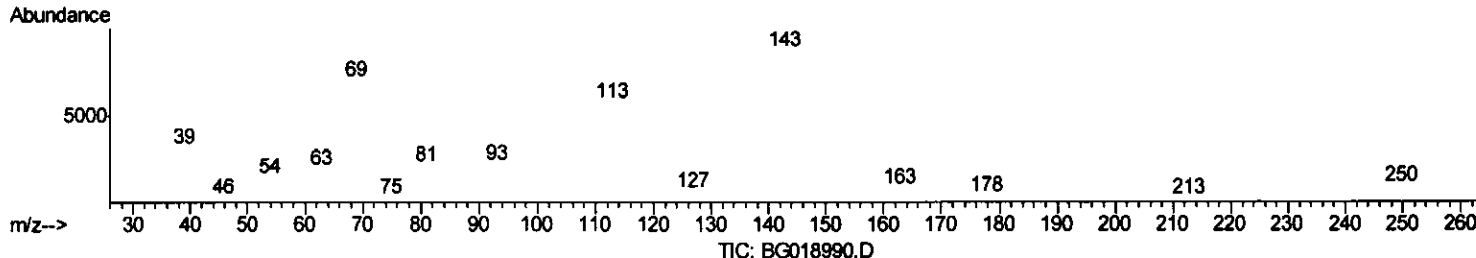
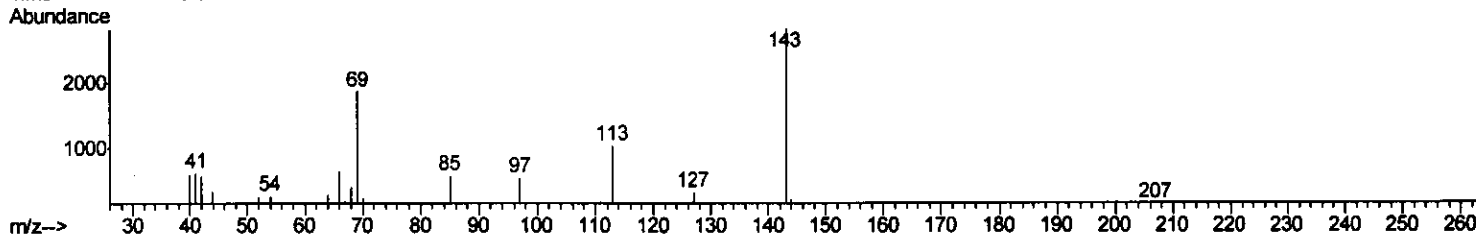
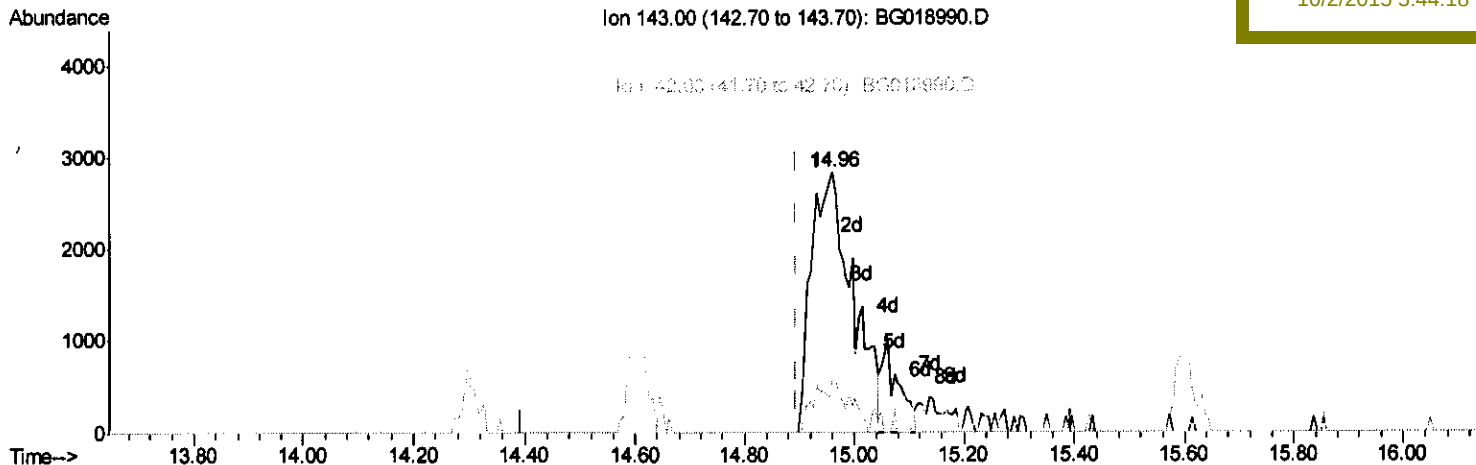
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(52) 4-Nitrophenol-d4 (S)

14.961min (+0.068) 5.98ng/ul m

response 14589

> U.M
 1015115

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	36.74#
41.00	51.70	21.76#
42.00	30.70	20.31#

Quantitation Report (Qedit)

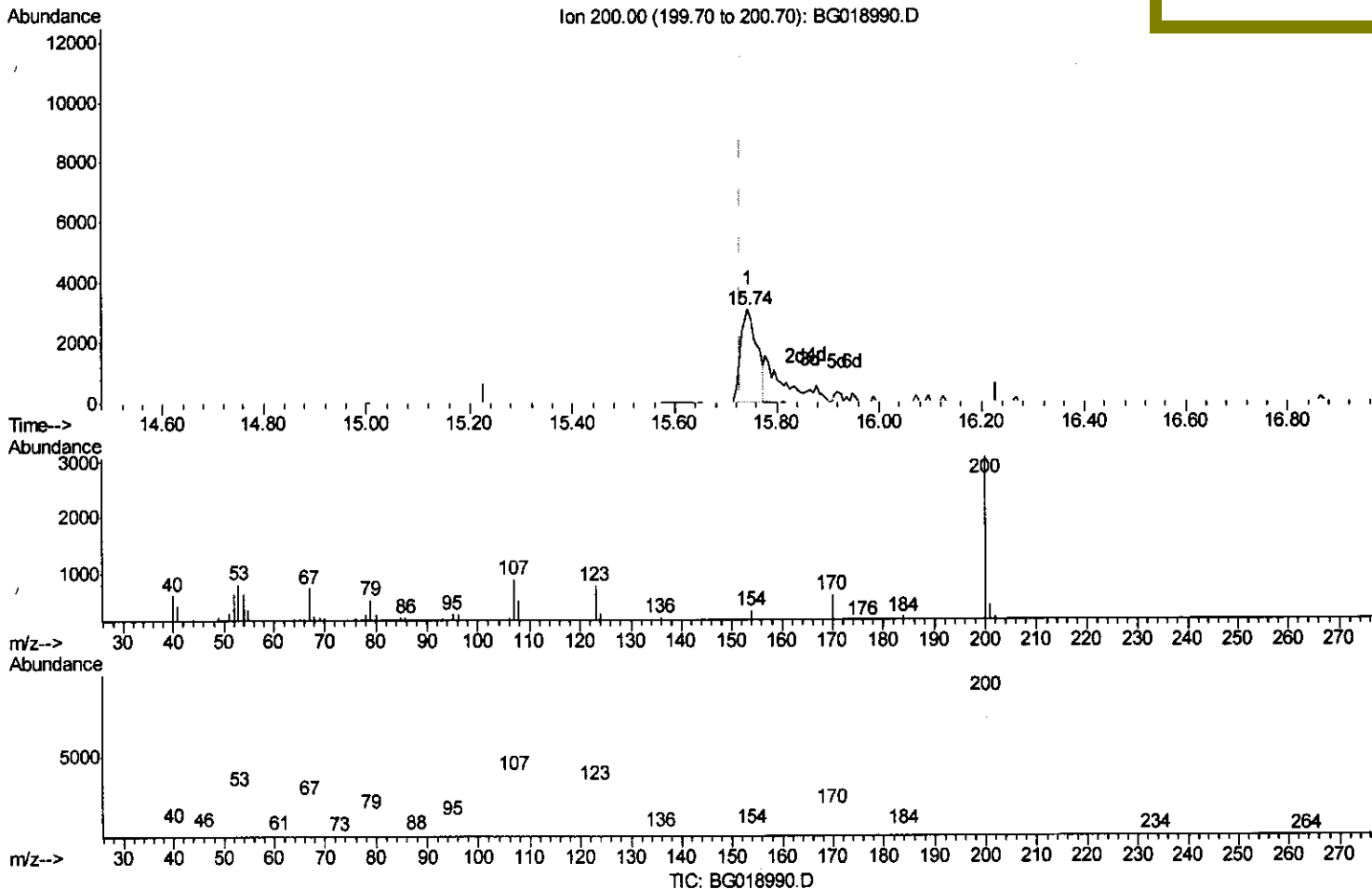
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.743min (+0.015) 3.53ng/ul

response 6869

Ion	Exp%	Act%
200.00	100	100
170.00	20.00	19.44
52.00	44.70	21.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

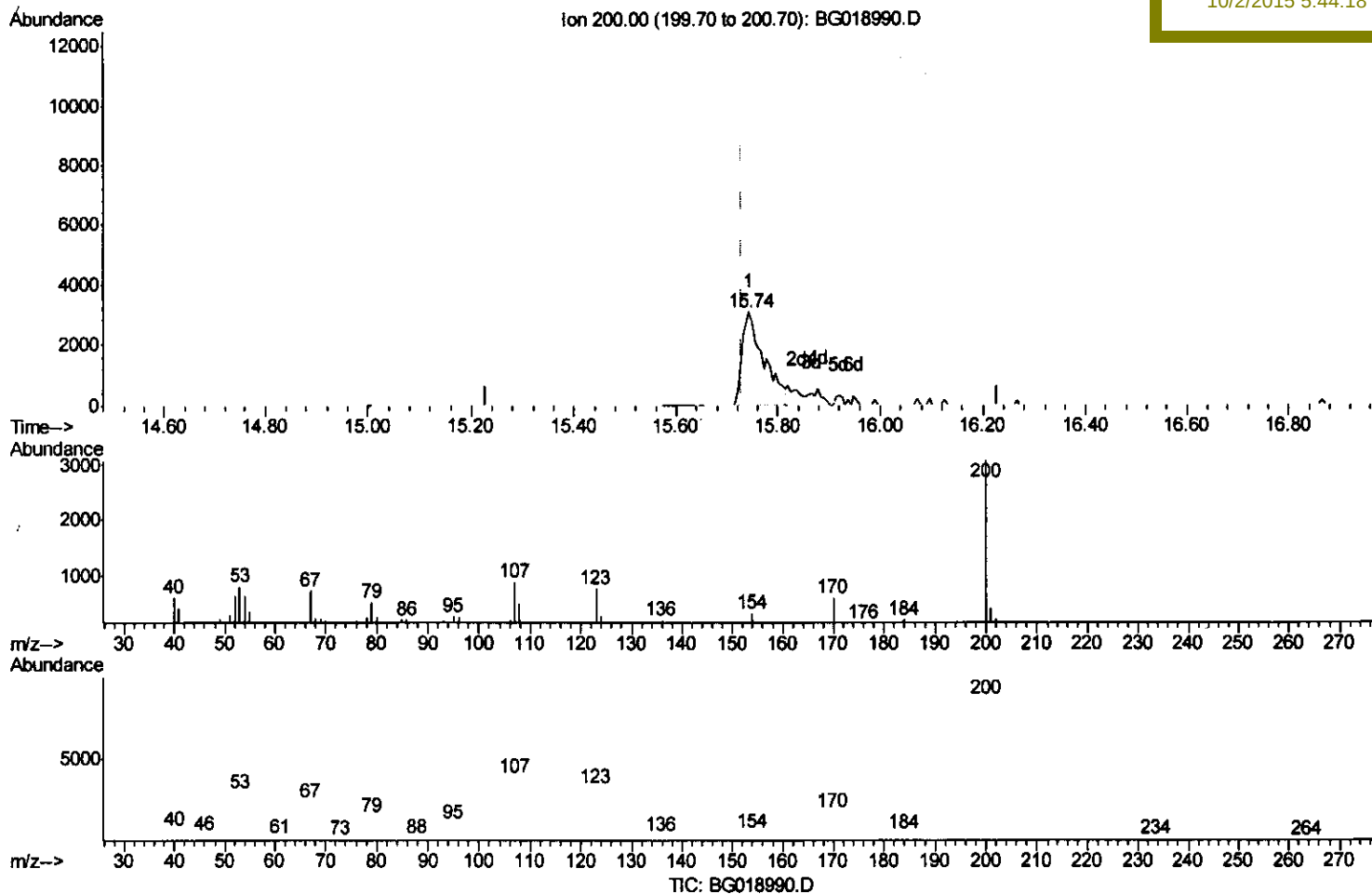
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:48:27 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 5:44:18 PM



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.743min (+0.015) 4.74ng/ul m

response 9222

Ion	Exp%	Act%
200.00	100	100
170.00	20.00	19.44
52.00	44.70	21.01#
0.00	0.00	0.00

> U.M
 1015115

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018990.D
 Acq On : 1 Oct 2015 22:03
 Operator : UM/NP
 Sample : G3865-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ4

Quant Time: Oct 02 12:53:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 Last Update : Fri Oct 02 11:51:49 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/2/2015 5:44:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	49952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	240649	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	157937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	411409	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	493325	20.00	ng/ul	0.00
86) Perylene-d12	24.77	264	496882	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2167	2.09	ng/uL	0.00
5) Phenol-d5	7.24	99	20296m	4.95	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.32	67	18797	7.91	ng/ul	0.01
9) 2-Chlorophenol-d4	7.53	132	33834m	10.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	27635m	8.30	ng/ul	0.04
19) Nitrobenzene-d5	9.16	128	18710	10.26	ng/ul	0.02
22) 2-Nitrophenol-d4	9.88	143	20047m	10.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	36125m	9.36	ng/ul	0.03
29) 4-Chloroaniline-d4	10.97	131	50684m	11.28	ng/ul	0.03
44) Dimethylphthalate-d6	14.00	166	151587m	11.93	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	187437	12.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	14589m	5.98	ng/ul	0.07
58) Fluorene-d10	15.60	176	145835	13.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	9222m	4.74	ng/ul	0.01
71) Anthracene-d10	17.45	188	235299	12.99	ng/ul	0.00
79) Pyrene-d10	19.73	212	277358	12.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	292545	12.10	ng/ul	-0.01

Target Compounds						Qvalue
45) Dimethylphthalate	14.06	163	81467	6.61	ng/ul	99

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

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