

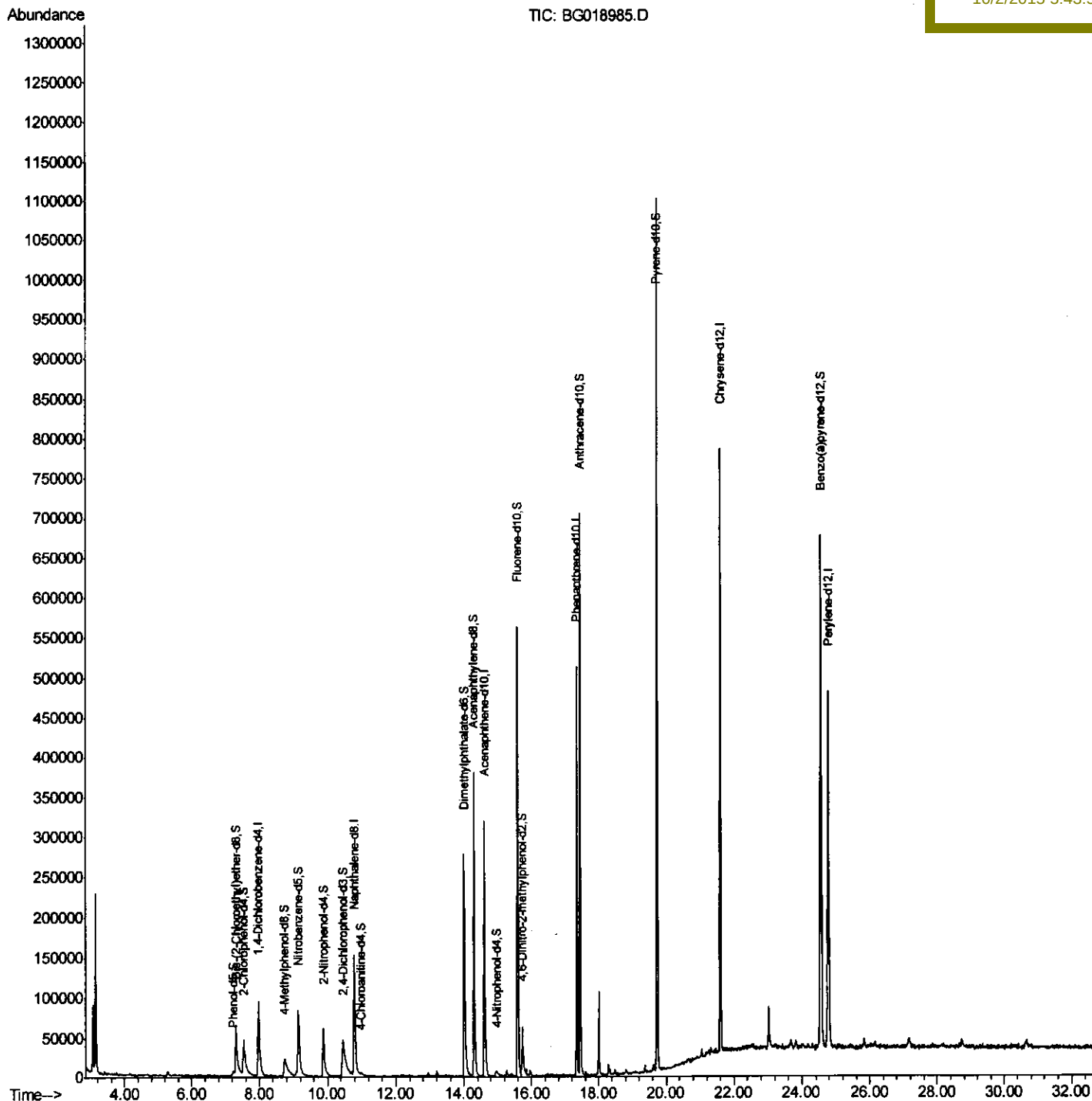
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018985.D
Acq On : 1 Oct 2015 18:53
Operator : UM/NP
Sample : G3831-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Time: Oct 02 12:07:45 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 5:43:50 PM



Quantitation Report (Qedit)

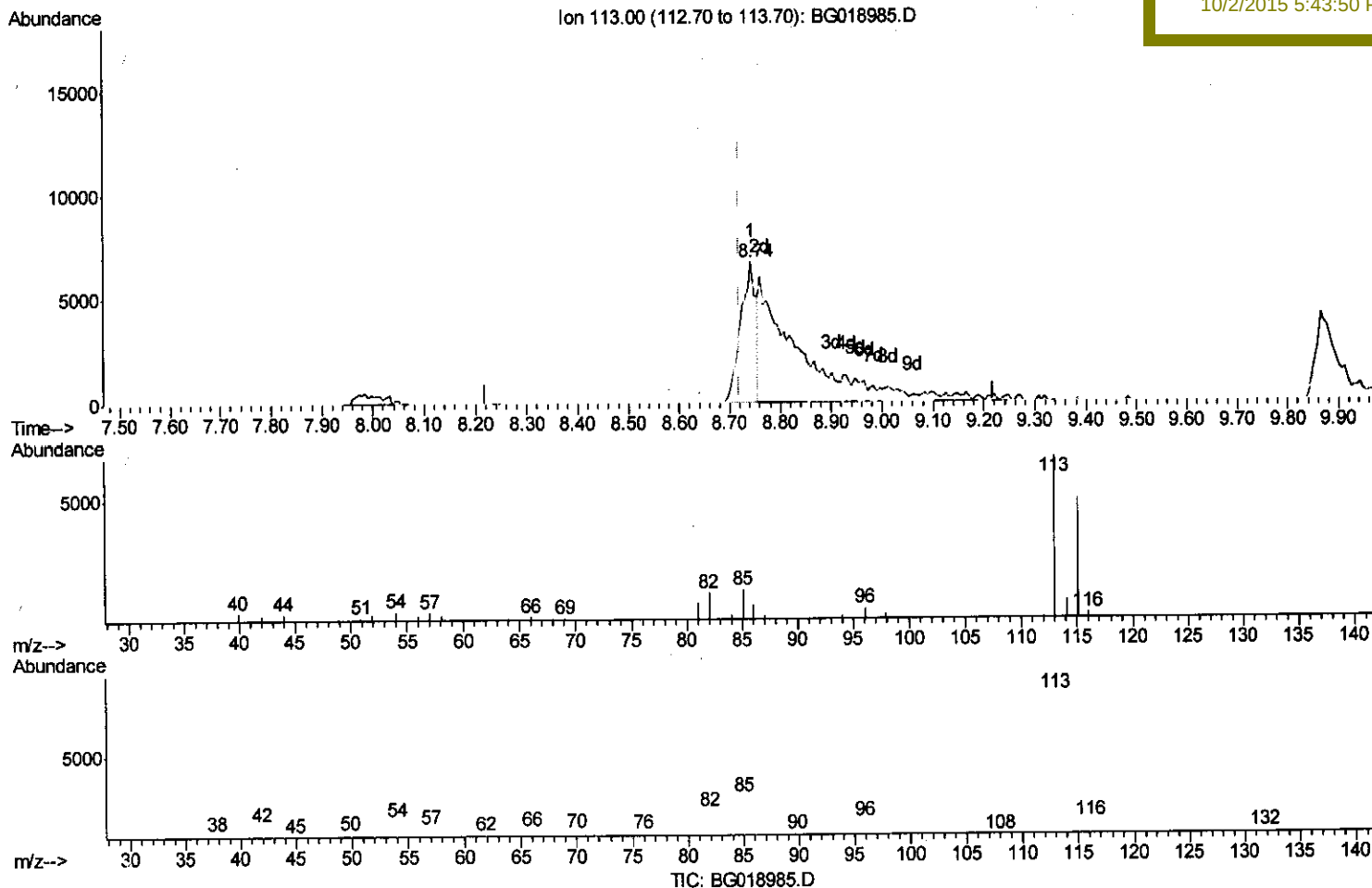
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Manual Integrations
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Quant Time: Oct 02 12:01:42 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)

8.742min (+0.024) 3.89ng/ul

response 14042

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	73.80#
54.00	13.60	7.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

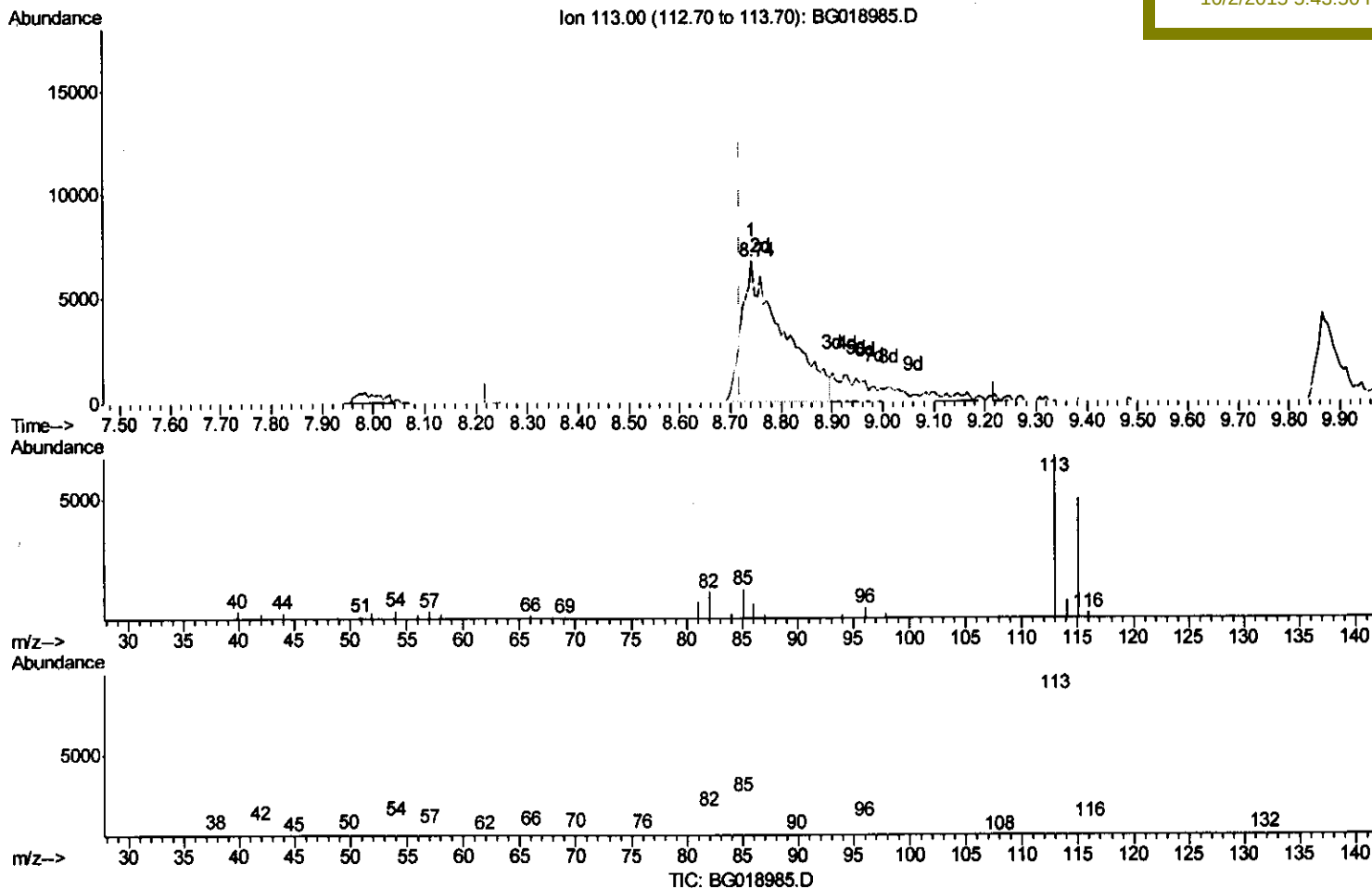
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Manual Integrations
 APPROVED

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Quant Time: Oct 02 12:01:42 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)

8.742min (+0.024) 10.66ng/ul m

response 38539

Ion	Exp%	Act%
113.00	100	100
115.00	92.60	73.80#
54.00	13.60	7.39#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

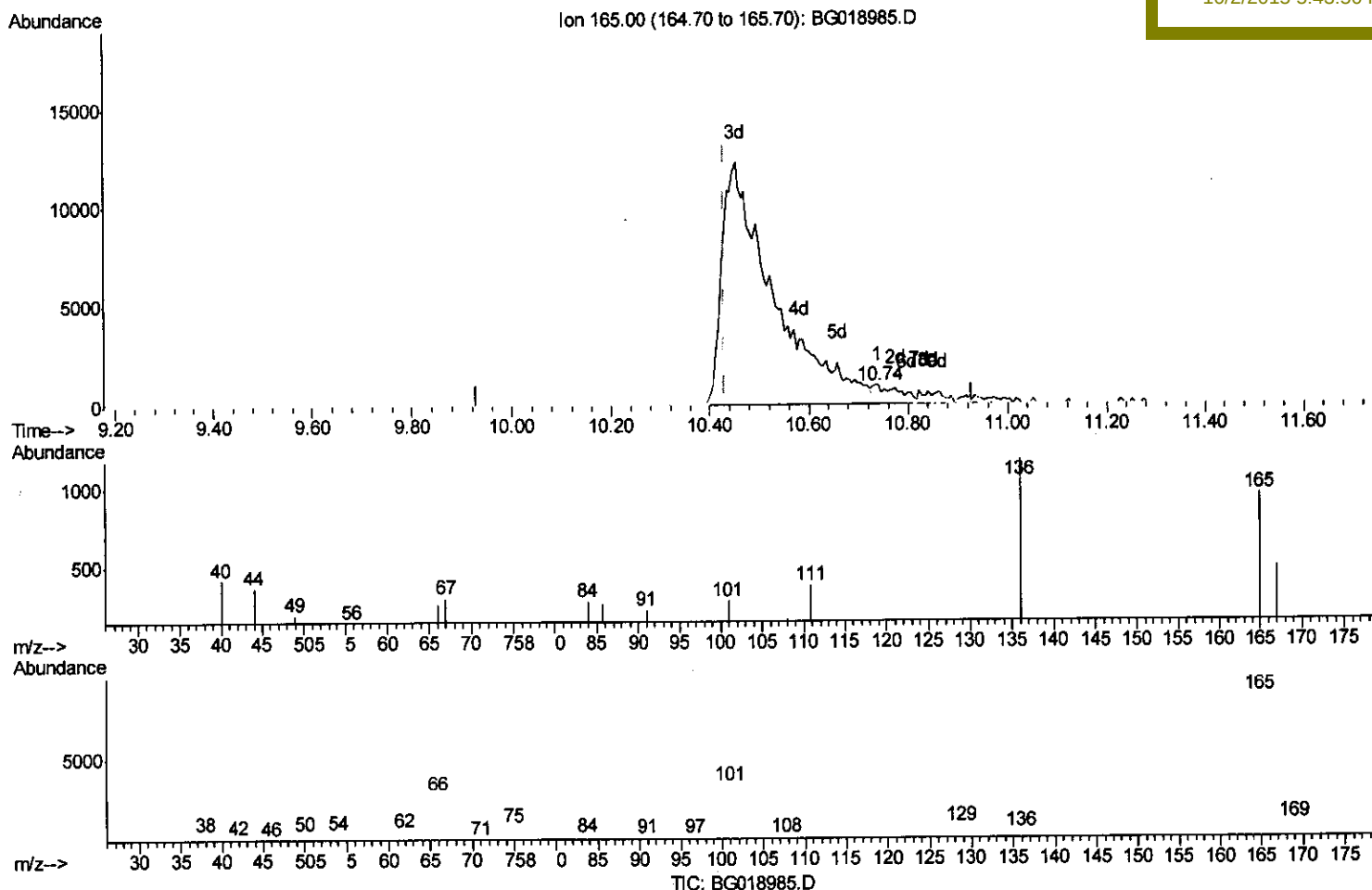
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



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

10.740min (+0.312) 0.10ng/ul

response 368

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	51.74
101.00	34.70	29.88
0.00	0.00	0.00

Quantitation Report (Qedit)

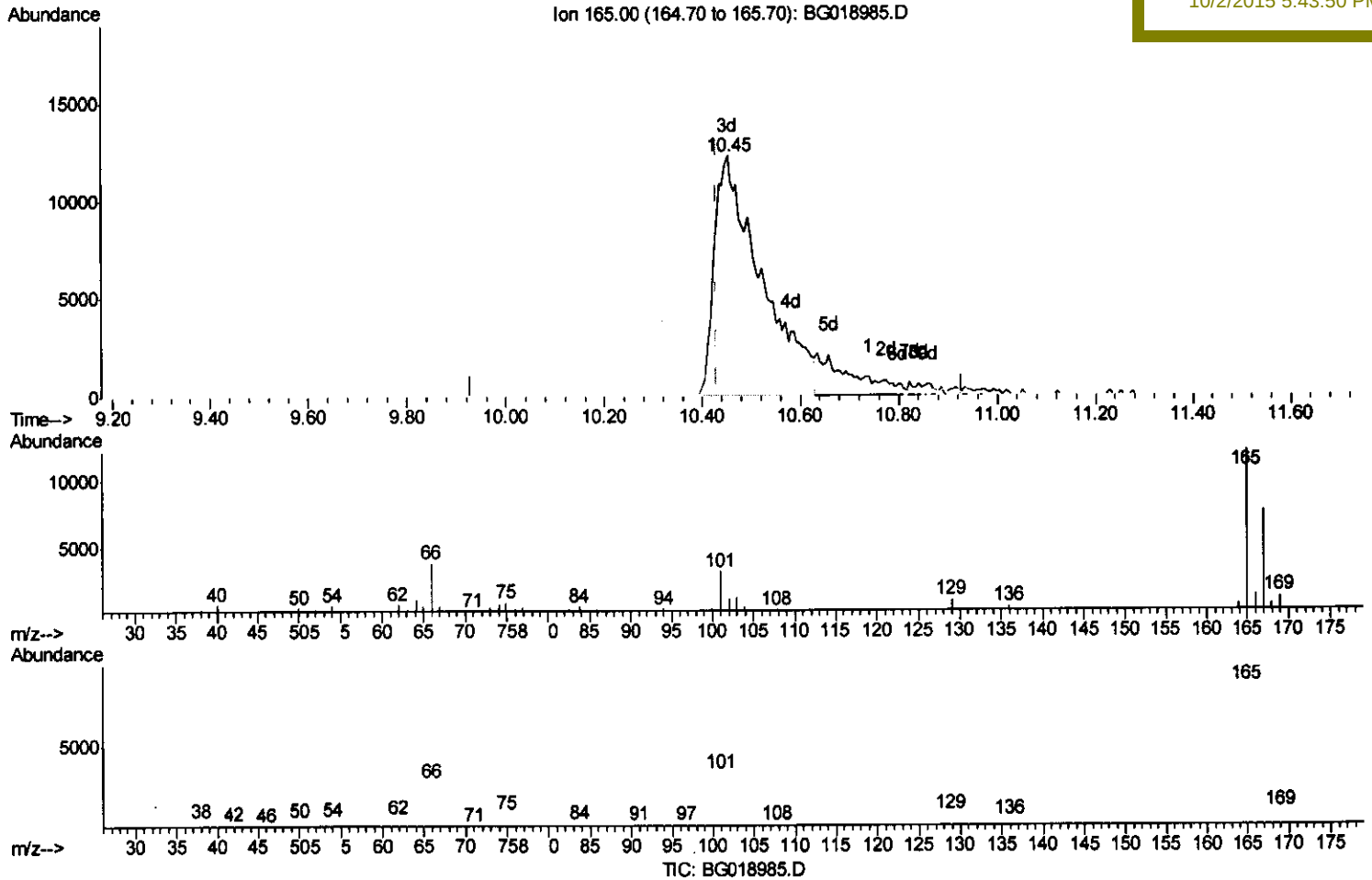
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



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

10.452min (+0.024) 21.94ng/ul m

response 80970

Ion	Exp%	Act%
165.00	100	100
167.00	61.90	62.21
101.00	34.70	25.39%
0.00	0.00	0.00

> U.M
 1015115

Quantitation Report (Qedit)

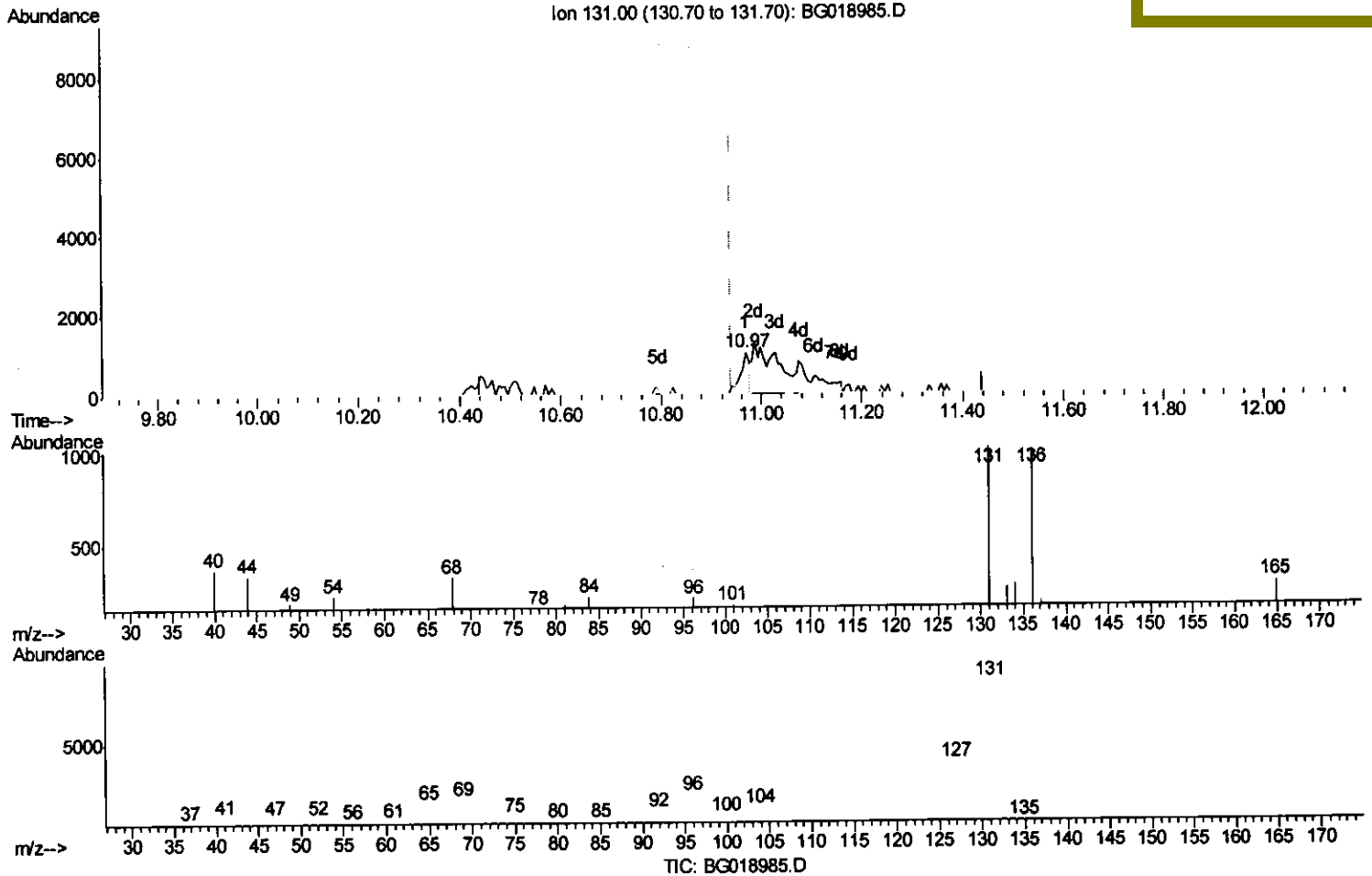
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



(29) 4-Chloroaniline-d4 (S)

10.969min (+0.030) 0.28ng/ul

response 1219

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	24.65#
69.00	18.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

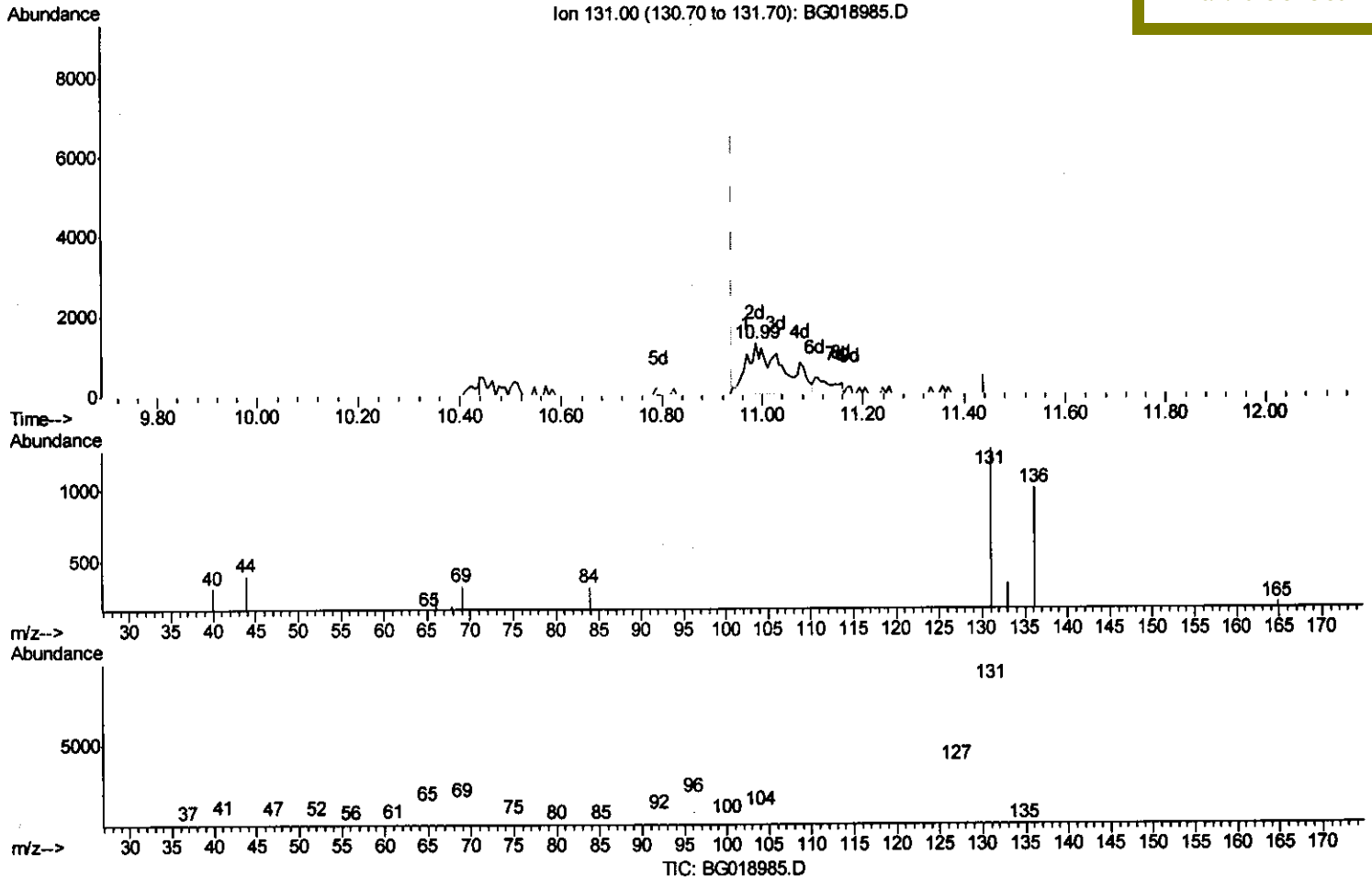
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



(29) 4-Chloroaniline-d4 (S)

10.987min (+0.047) 1.48ng/ul m

response 6366

Ion	Exp%	Act%
131.00	100	100
133.00	32.00	26.11
69.00	18.90	24.94#
0.00	0.00	0.00

> 0.1M
 1015115

Quantitation Report (Qedit)

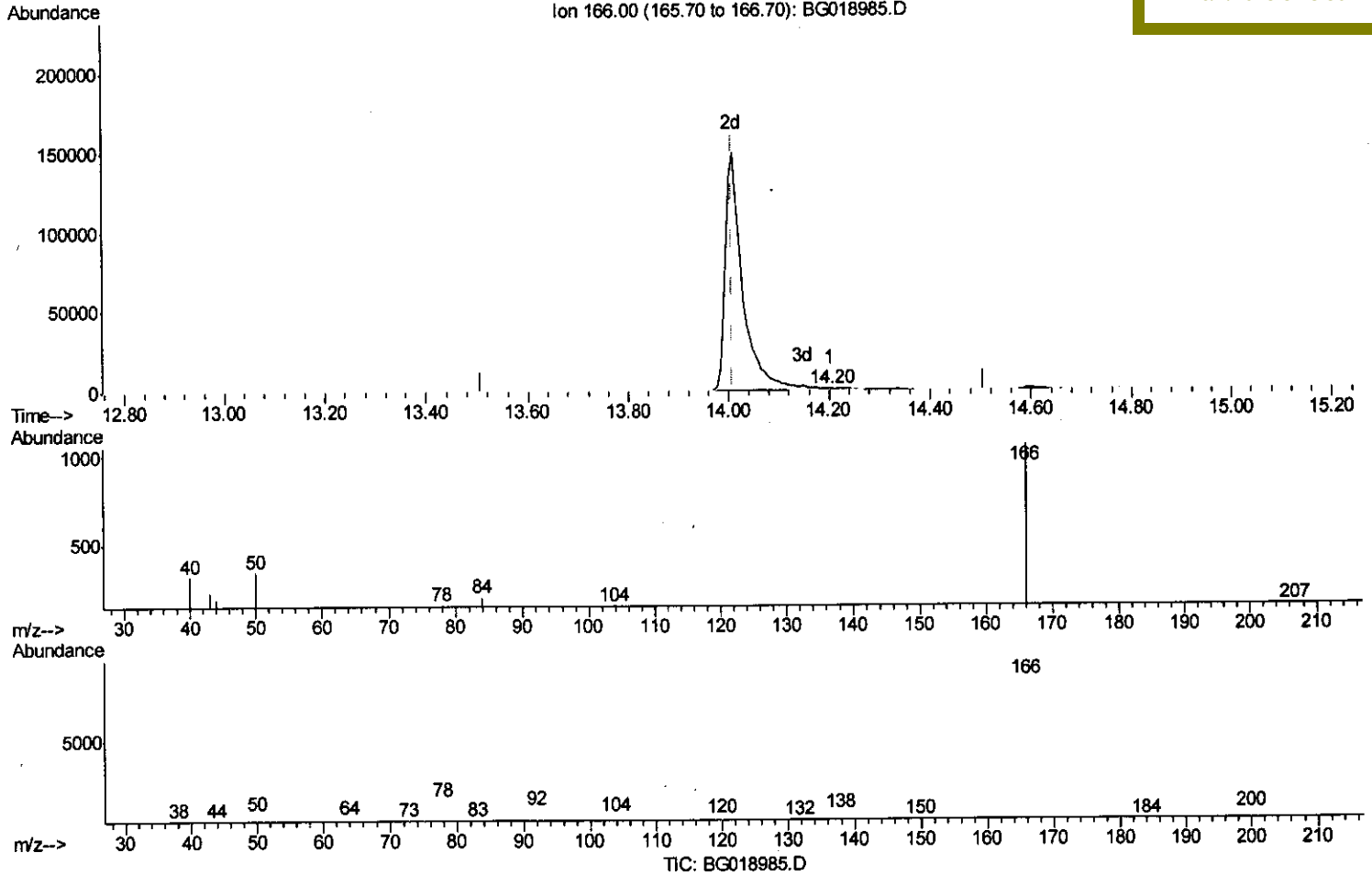
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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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(44) Dimethylphthalate-d6 (S)

14.200min (+0.194) 0.10ng/ul

response 1141

Ion	Exp%	Act%
166.00	100	100
78.00	17.70	15.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

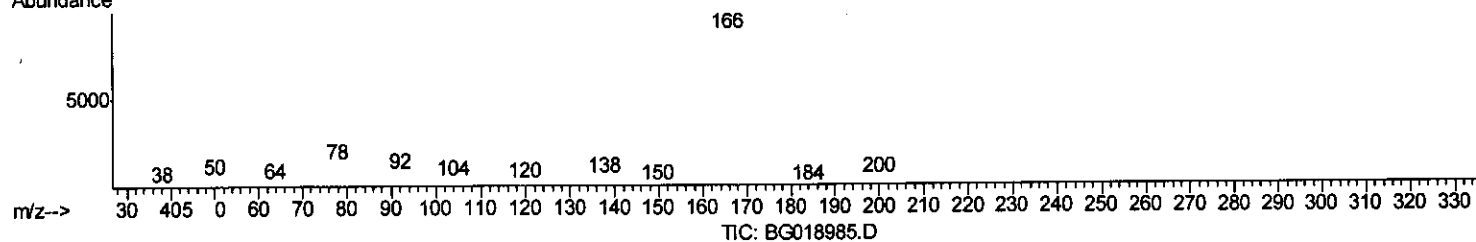
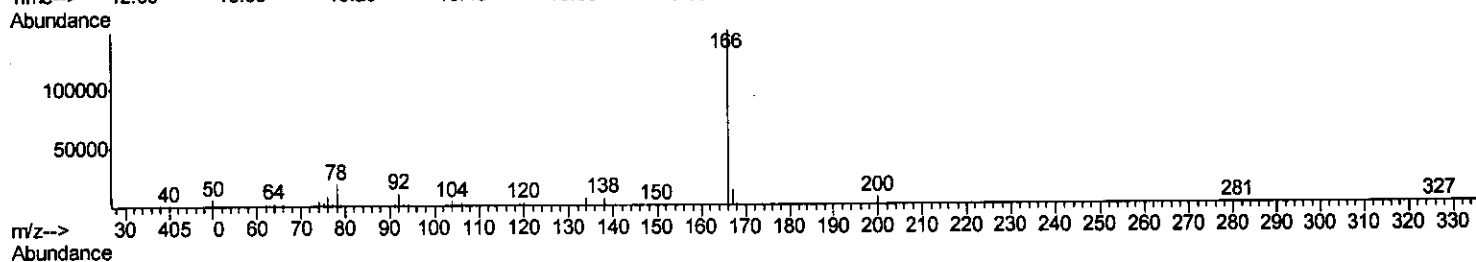
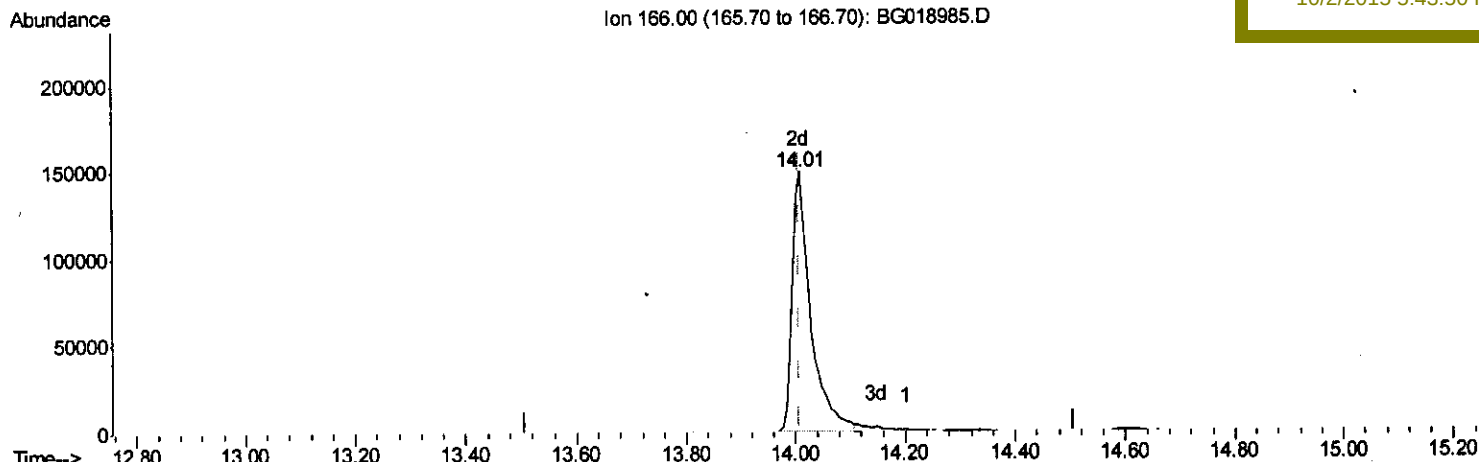
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



(44) Dimethylphthalate-d6 (S)

14.007min (+0.000) 29.74ng/ul m

response 350407

> $\frac{0.2M}{1015115}$

Ion	Exp%	Act%
166.00	100	100
78.00	17.70	13.08#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

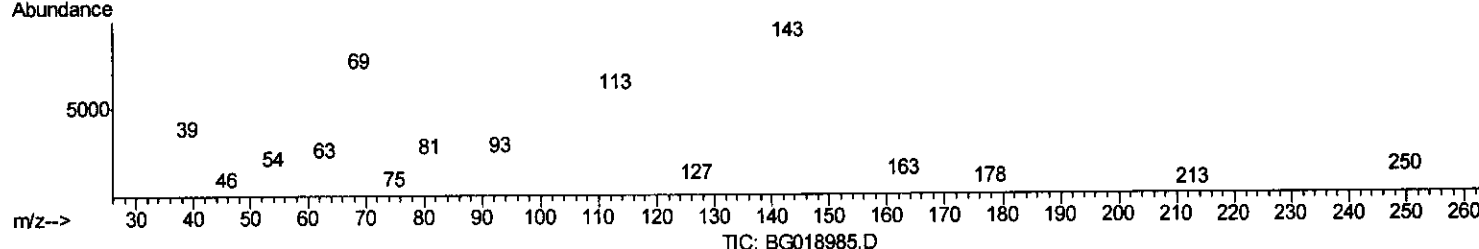
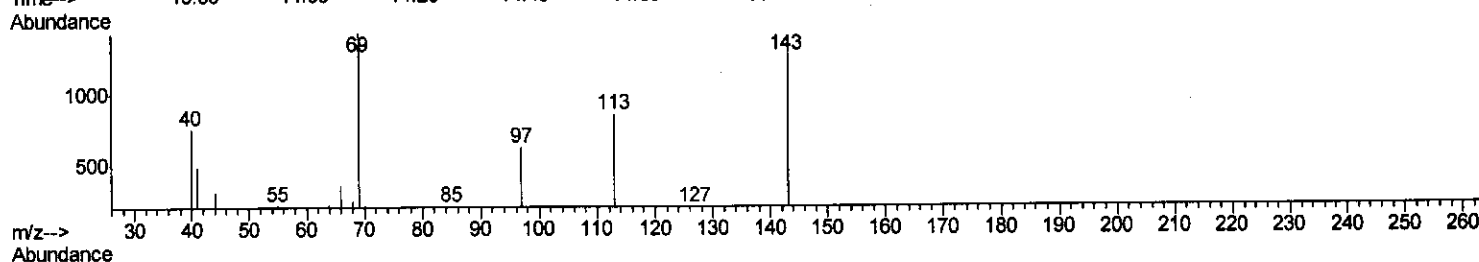
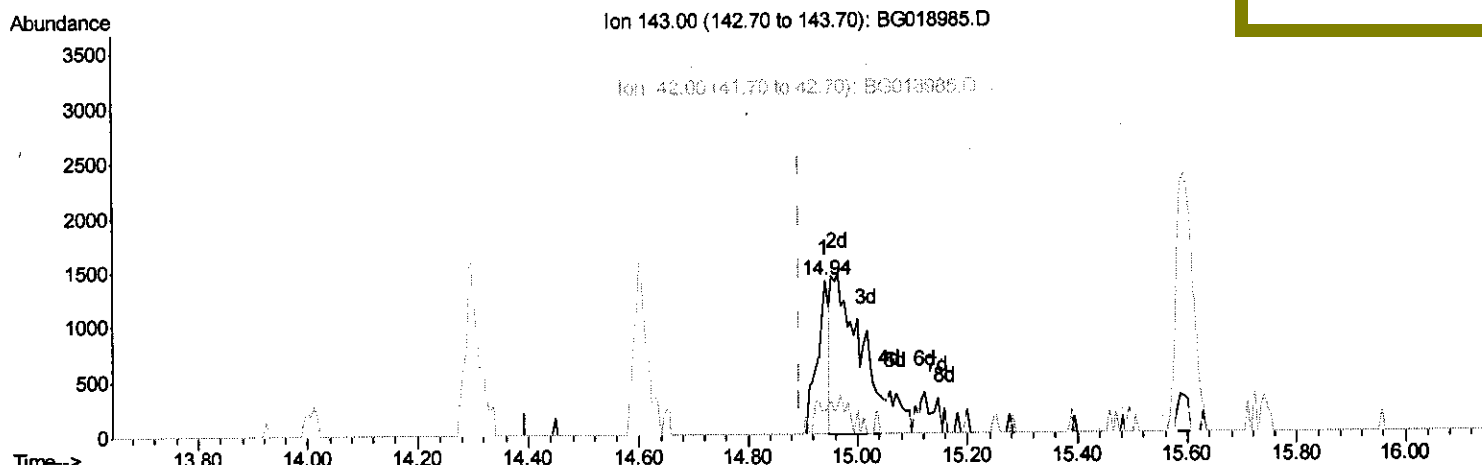
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



(52) 4-Nitrophenol-d4 (S)

14.941min (+0.047) 0.90ng/ul

response 2037

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	60.49#
41.00	51.70	34.74#
42.00	30.70	14.98#

Quantitation Report (Qedit)

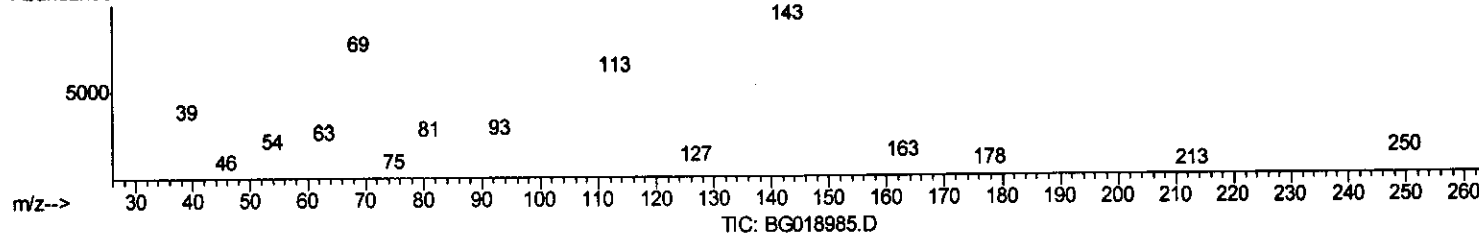
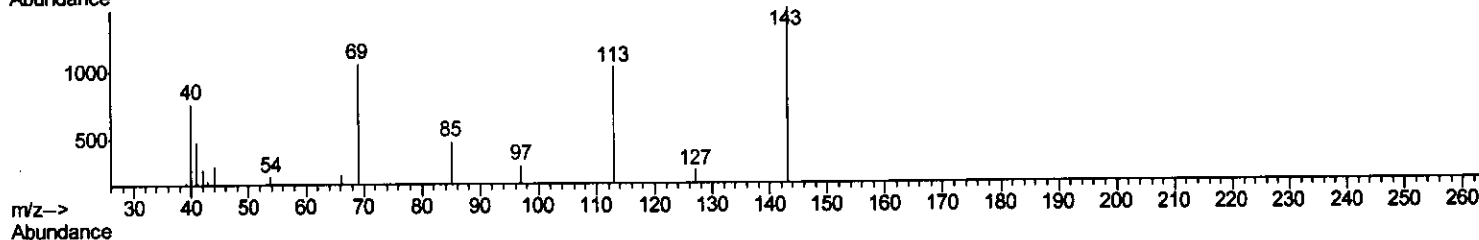
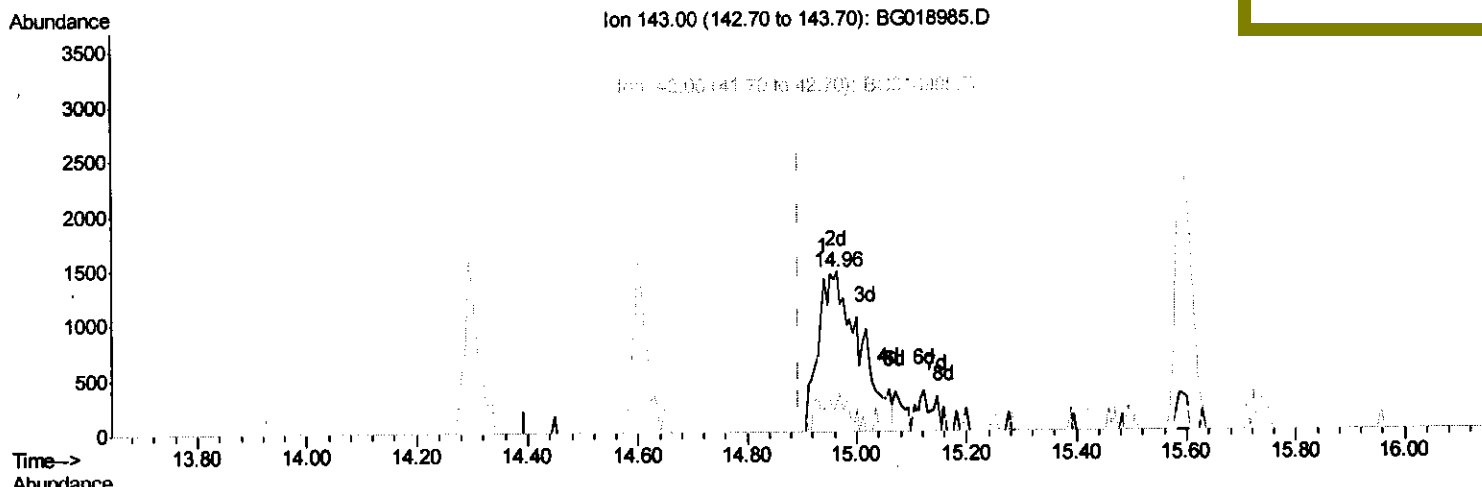
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
Data File : BG018985.D
Acq On : 1 Oct 2015 18:53
Operator : UM/NP
Sample : G3831-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AS2

Quant Time: Oct 02 12:01:42 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 5:43:50 PM



(52) 4-Nitrophenol-d4 (S)

14.964min (+0.071) 3.39ng/ul m

response 7669

Ion	Exp%	Act%
143.00	100	100
113.00	83.50	70.05
41.00	51.70	32.40#
42.00	30.70	18.96#

U.M
1015115

Quantitation Report (Qedit)

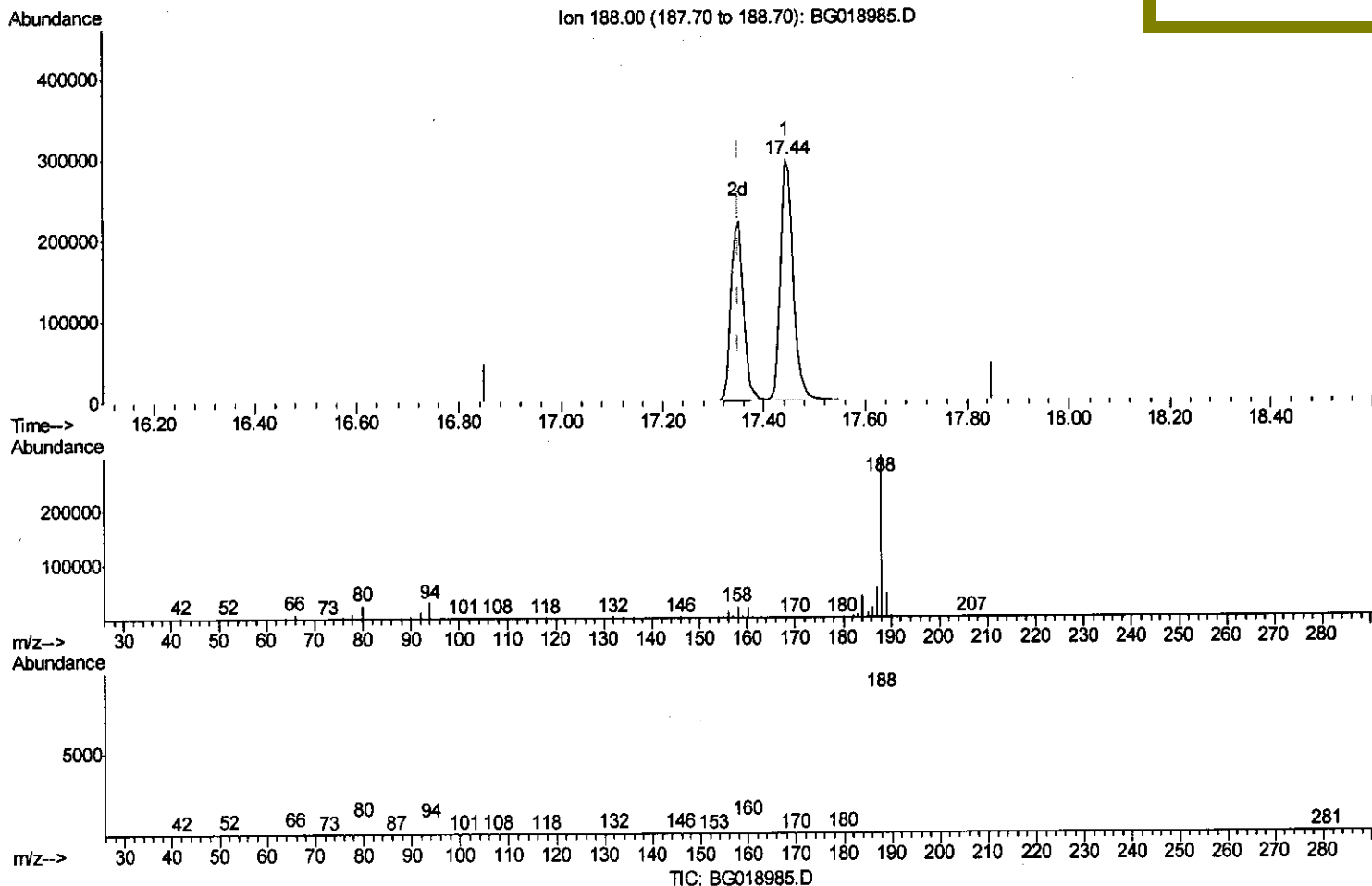
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:01:42 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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 10/2/2015 5:43:50 PM



(62) Phenanthrene-d10 (I)

17.444min (+0.094) 20.00ng/ul

response 513815

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	10.07
80.00	10.30	8.42
0.00	0.00	0.00

Quantitation Report (Qedit)

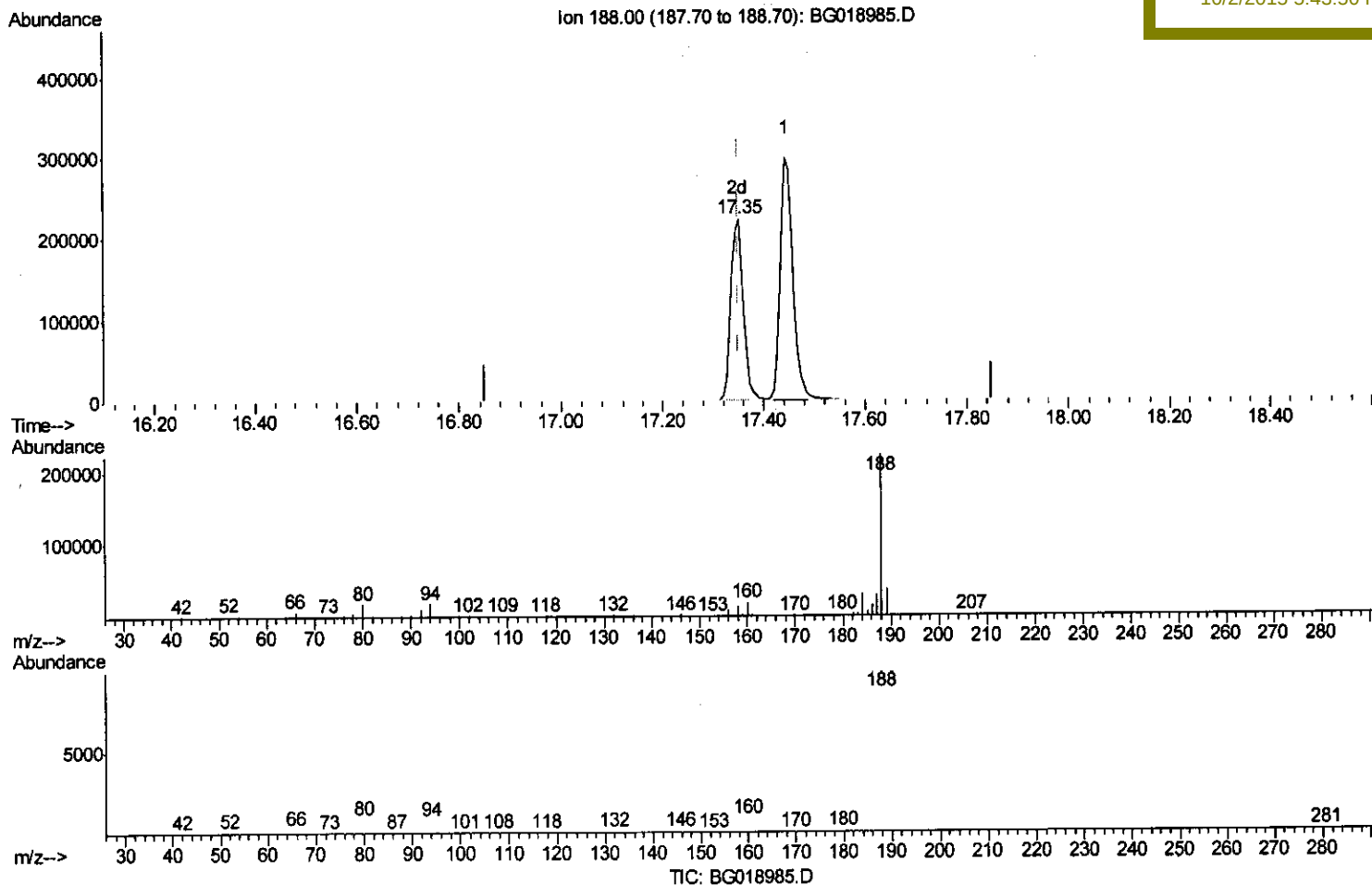
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAS2

Manual Integrations
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Quant Time: Oct 02 12:01:42 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



(62) Phenanthrene-d10 (I)

17.350min (+0.000) 20.00ng/ul m

response 378796

Ion	Exp%	Act%
188.00	100	100
94.00	9.40	7.97
80.00	10.30	8.18#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

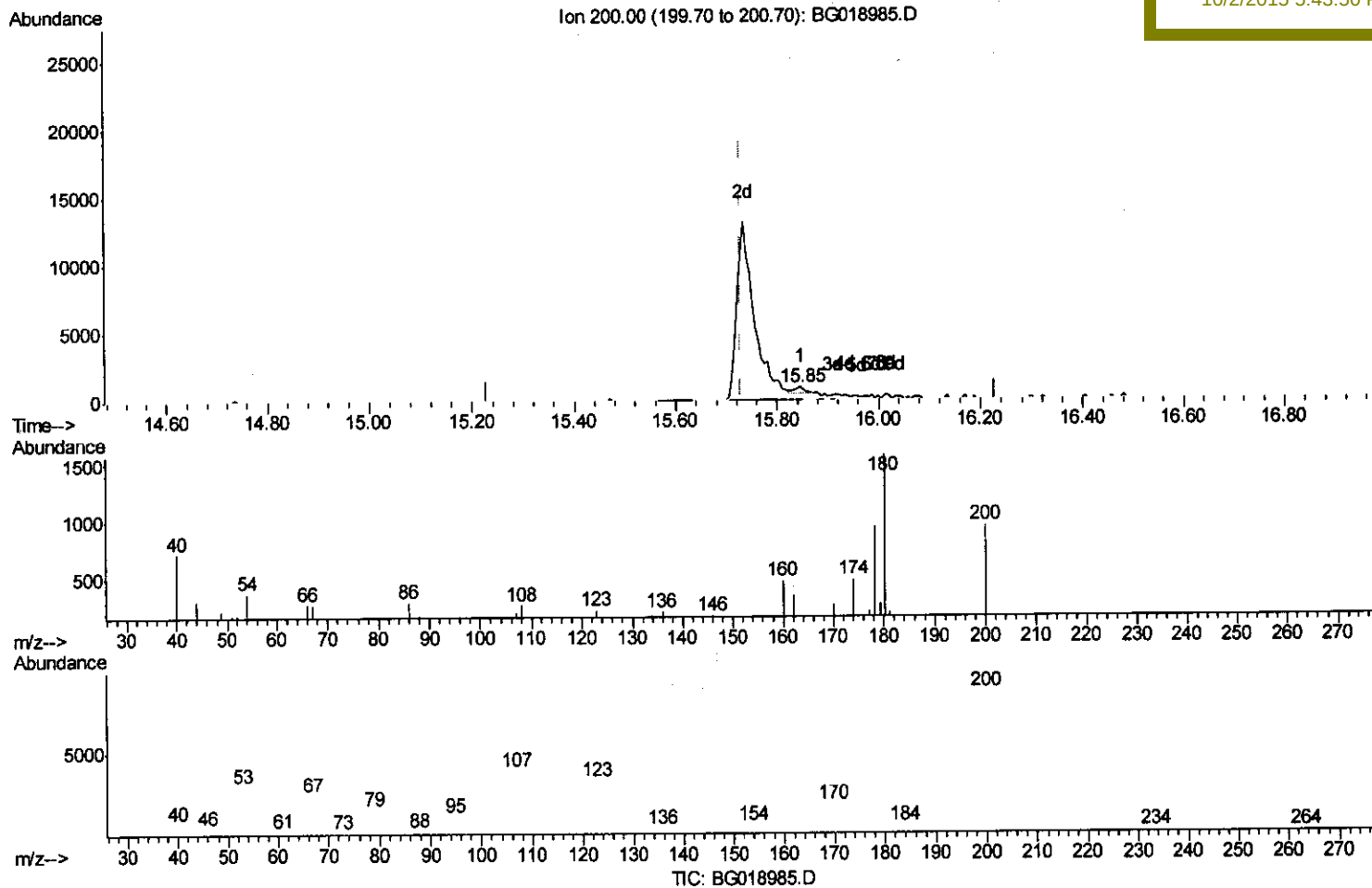
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Quant Time: Oct 02 12:06:49 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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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.846min (+0.118) 0.35ng/ul

response 633

Ion	Exp%	Act%
200.00	100	100
170.00	20.00	28.30#
52.00	44.70	18.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

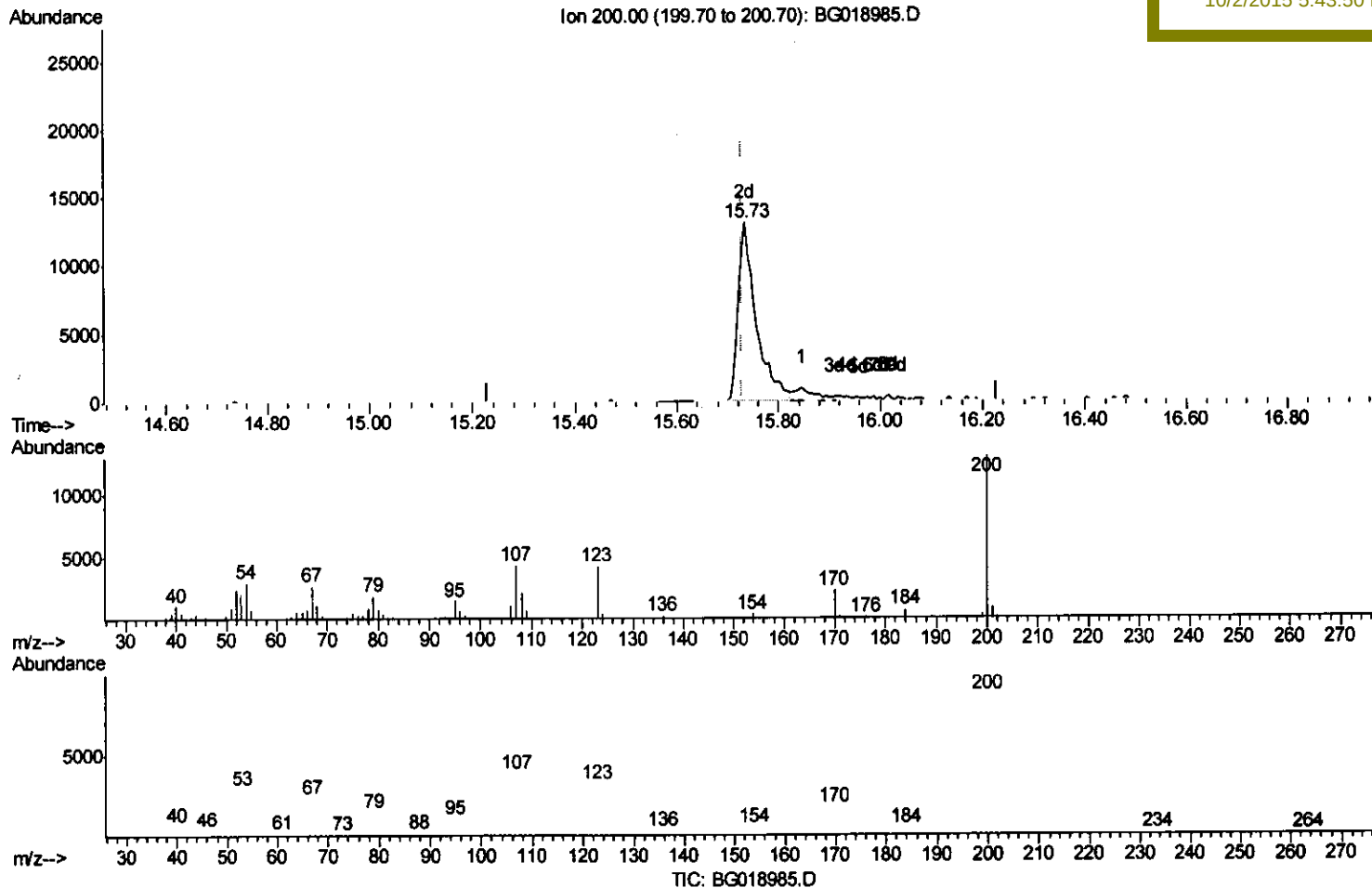
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AS2

Manual Integrations
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MMDadoda
 10/2/2015 5:43:50 PM

Quant Time: Oct 02 12:06:49 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



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

15.734min (+0.006) 18.14ng/ul m

response 32526

Ion	Exp%	Act%
200.00	100	100
170.00	20.00	17.90
52.00	44.70	18.80#
0.00	0.00	0.00

> U.M
 1015115

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100215\
 Data File : BG018985.D
 Acq On : 1 Oct 2015 18:53
 Operator : UM/NP
 Sample : G3831-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COAS2

Quant Time: Oct 02 12:07:45 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	54245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	230005	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	146384	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	378796m	20.00	ng/ul	0.00
78) Chrysene-d12	21.60	240	490805	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	477748	20.00	ng/ul	-0.01

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1054	0.93	ng/uL	0.00
5) Phenol-d5	7.23	99	8564	1.92	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.31	67	51934	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	60809	18.02	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	38539m	10.66	ng/ul	0.02
19) Nitrobenzene-d5	9.14	128	43227	24.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	46361	26.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	80970m	21.94	ng/ul	0.02
29) 4-Chloroaniline-d4	10.99	131	6366m	1.48	ng/ul	0.05
44) Dimethylphthalate-d6	14.01	166	350407m	29.74	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	421283	30.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	7669m	3.39	ng/ul	0.07
58) Fluorene-d10	15.59	176	314495	30.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	32526m	18.14	ng/ul	0.00
71) Anthracene-d10	17.44	188	513815	30.81	ng/ul	0.00
79) Pyrene-d10	19.73	212	638693	28.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.56	264	710017	30.54	ng/ul	-0.01

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Target Compounds Qvalue

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