

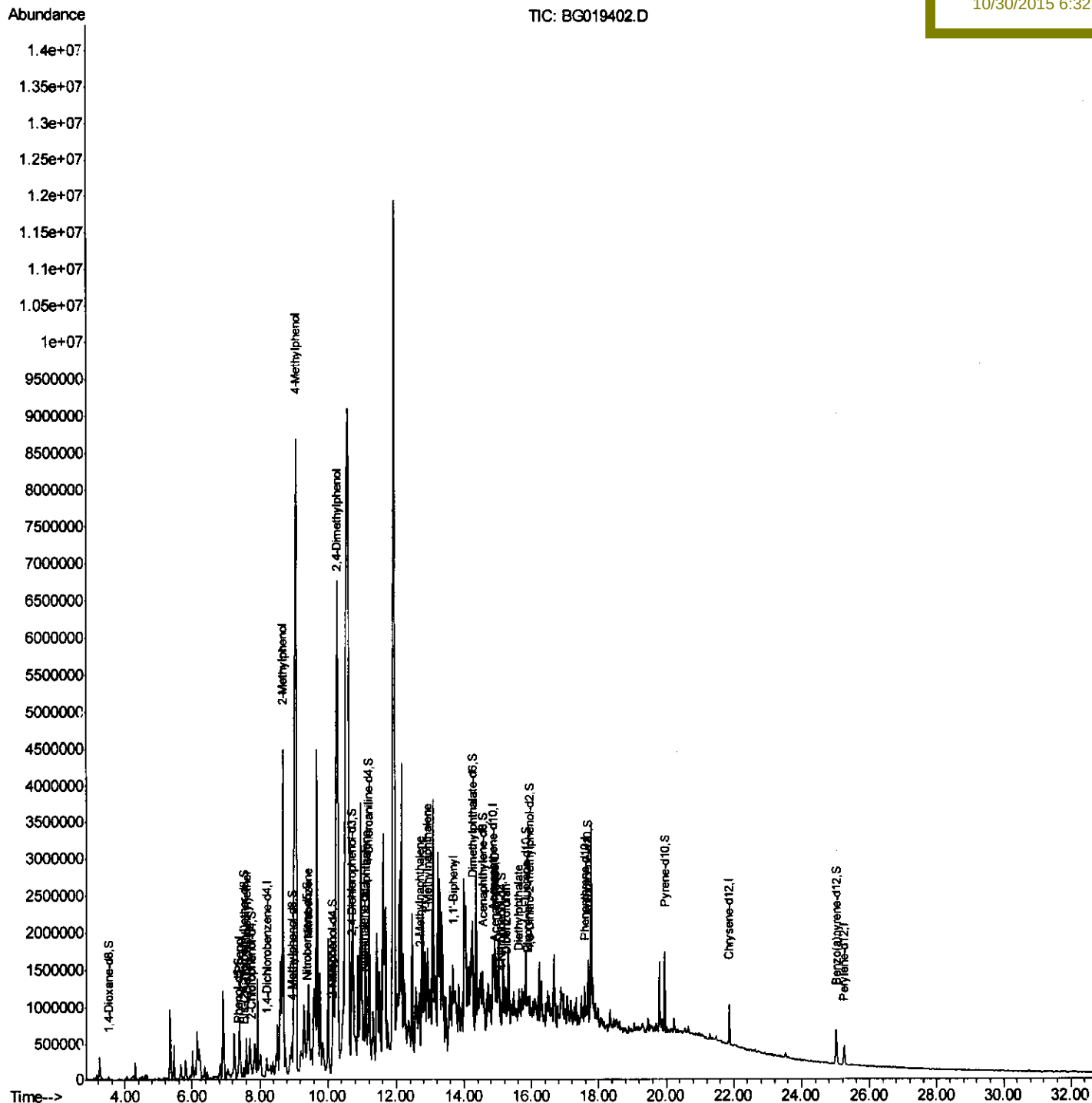
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 07:13:33 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
10/30/2015 6:32:13 PM



Quantitation Report (Qedit)

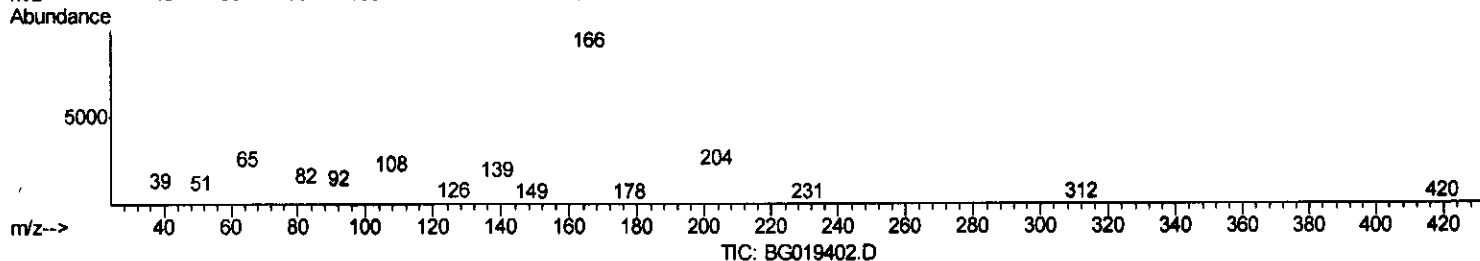
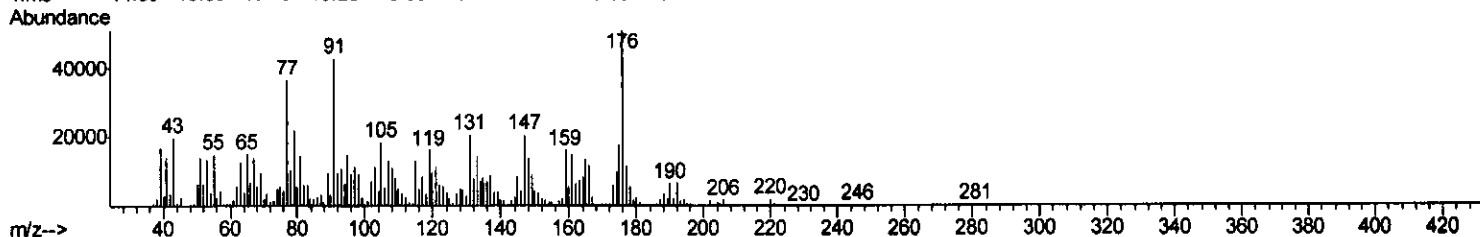
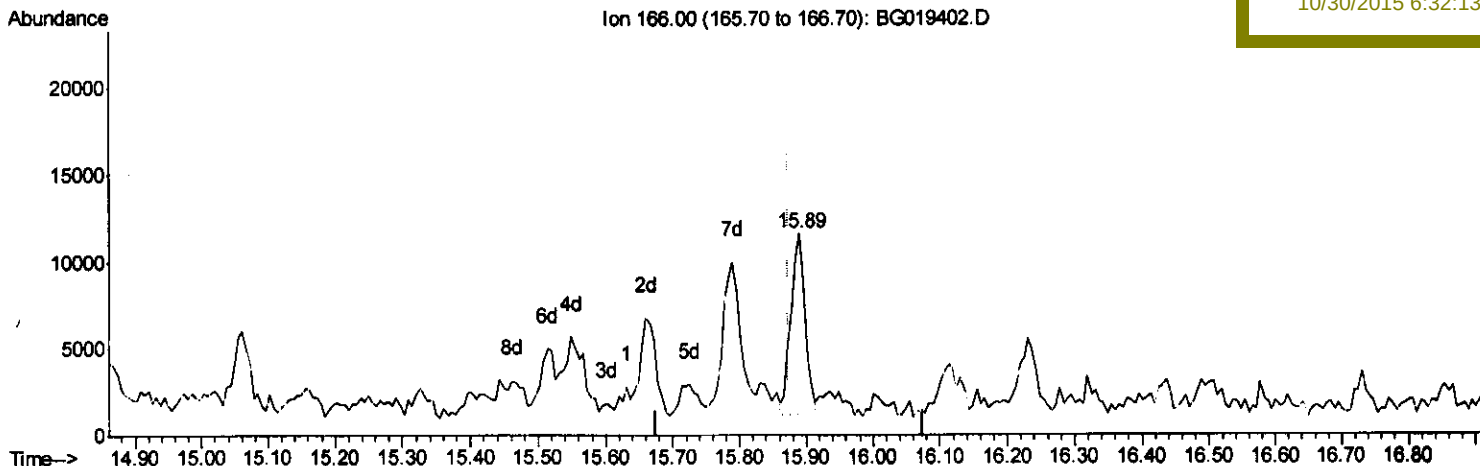
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM

Quant Time: Oct 29 07:12:10 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(59) Fluorene

15.890min (+0.015) 1.24ng/ul m

response 15738

Ion	Exp%	Act%
166.00	100	100
165.00	97.00	116.82#
167.00	12.00	22.26#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

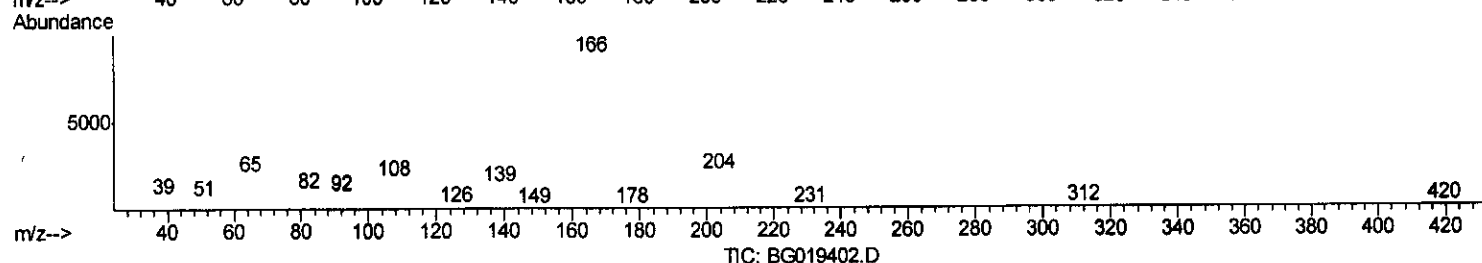
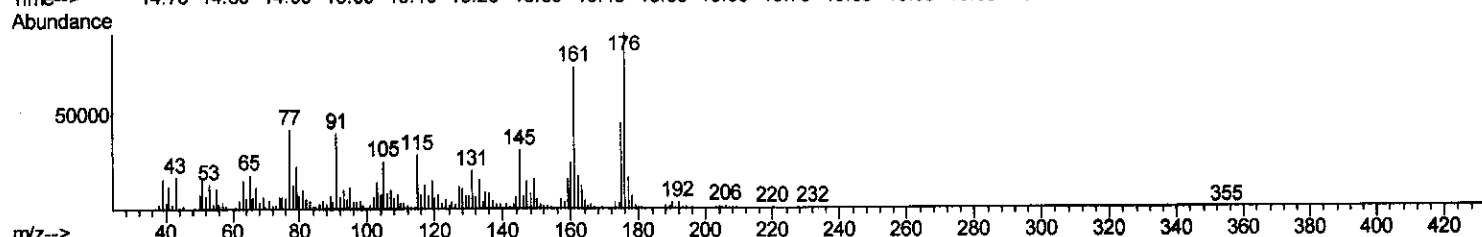
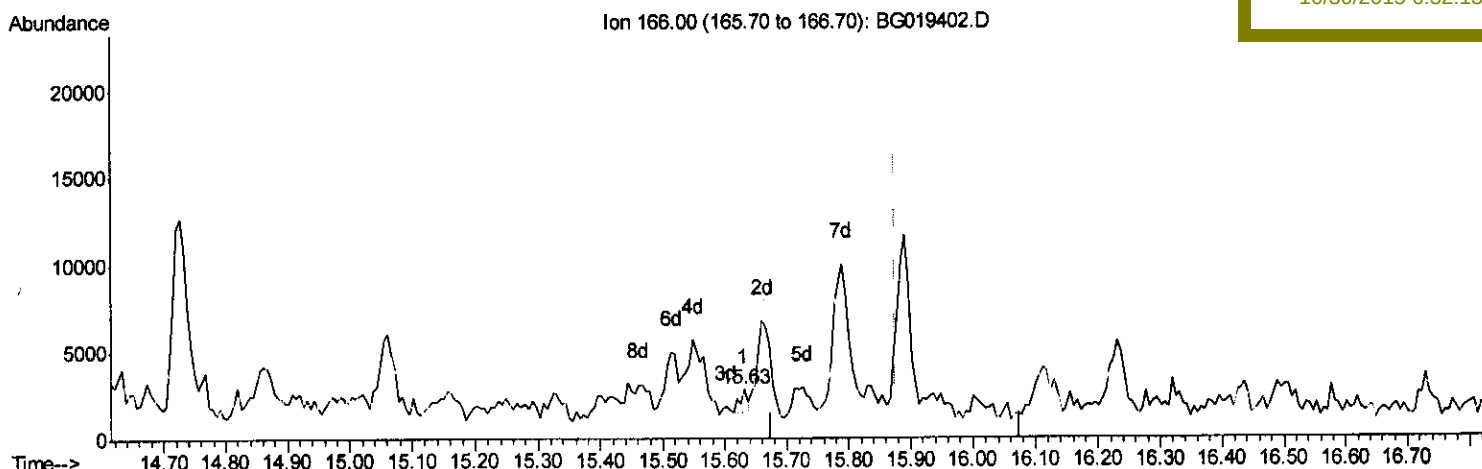
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 29 07:08:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Instrument :
BNA G
ClientSampleId :
E5LS6

Manual Integrations
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Mmdadoda
10/30/2015 6:32:13 PM



(59) Fluorene

15.631min (-0.244) 0.09ng/ul

response 1139

Ion	Exp%	Act%
166.00	100	100
165.00	97.00	72.96#
167.00	12.00	57.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

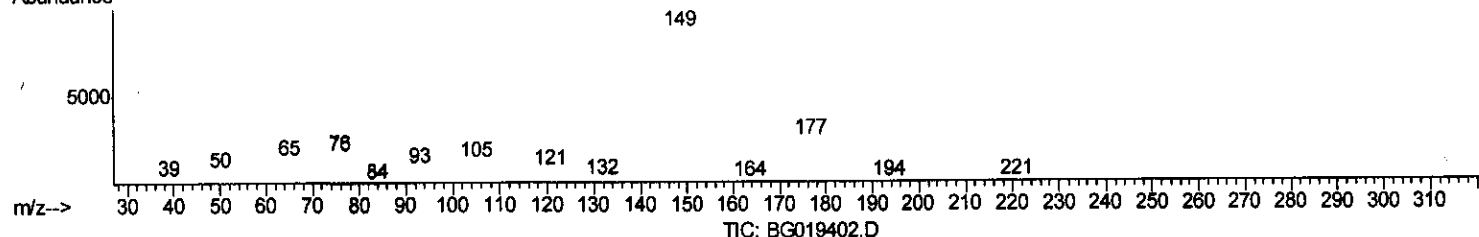
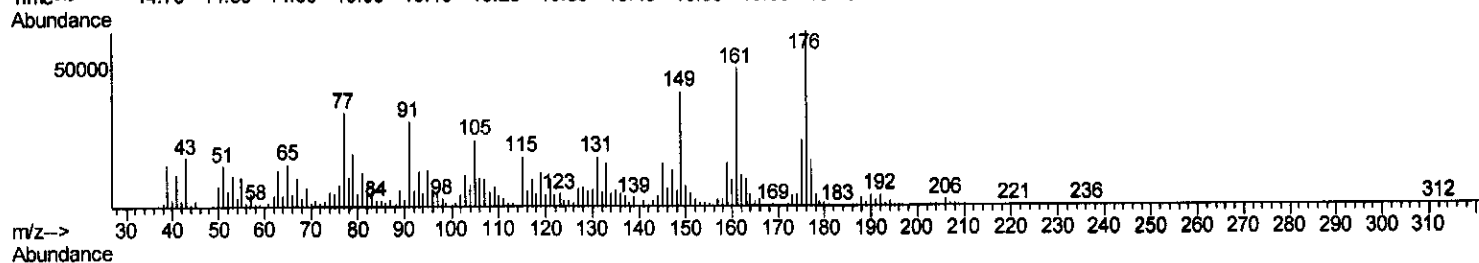
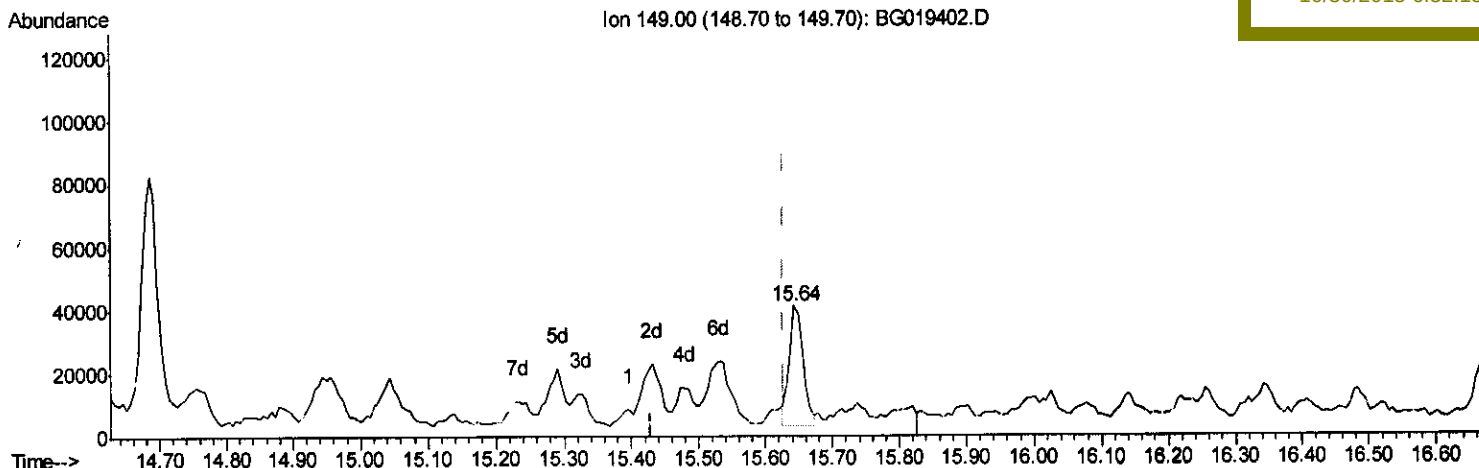
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
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(57) Diethylphthalate

15.643min (+0.015) 4.18ng/ul m

response 54543

Ion	Exp%	Act%
149.00	100	100
177.00	25.70	40.26#
150.00	14.00	17.88#
0.00	0.00	0.00

U.M
 10/31/15

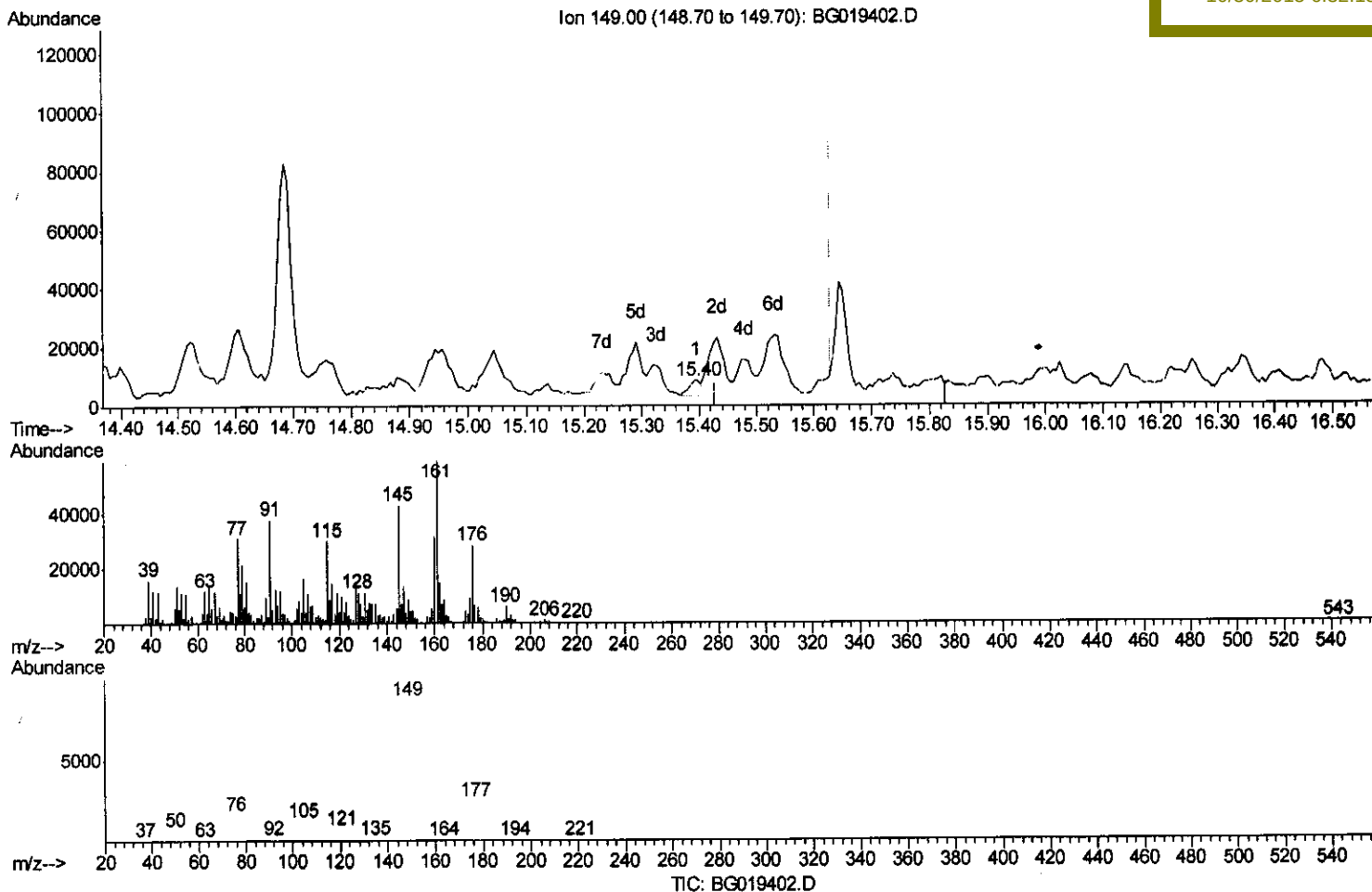
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 07:08:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(57) Diethylphthalate

15.396min (-0.232) 0.53ng/ul

response 6919

Ion	Exp%	Act%
149.00	100	100
177.00	25.70	78.39#
150.00	14.00	54.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

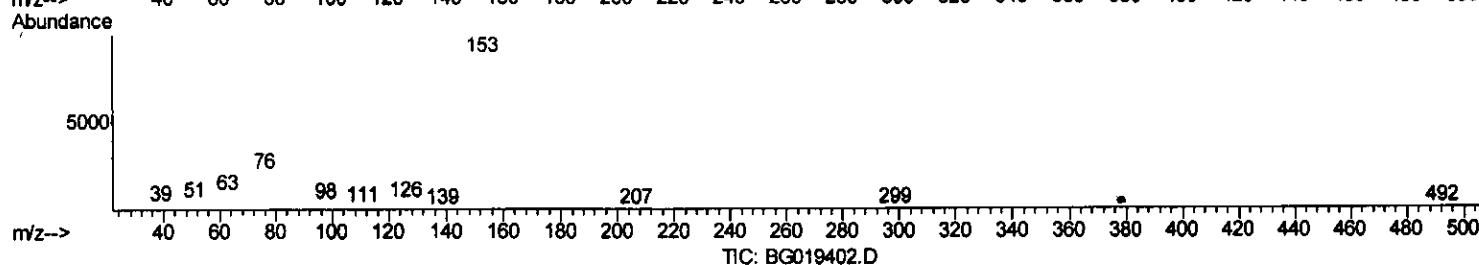
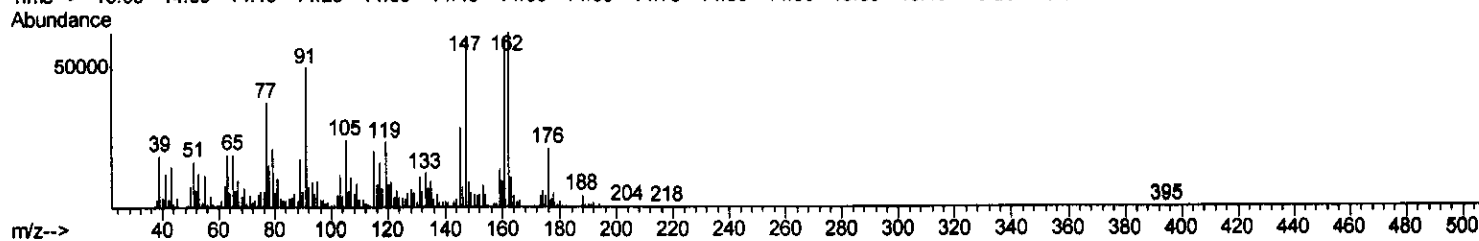
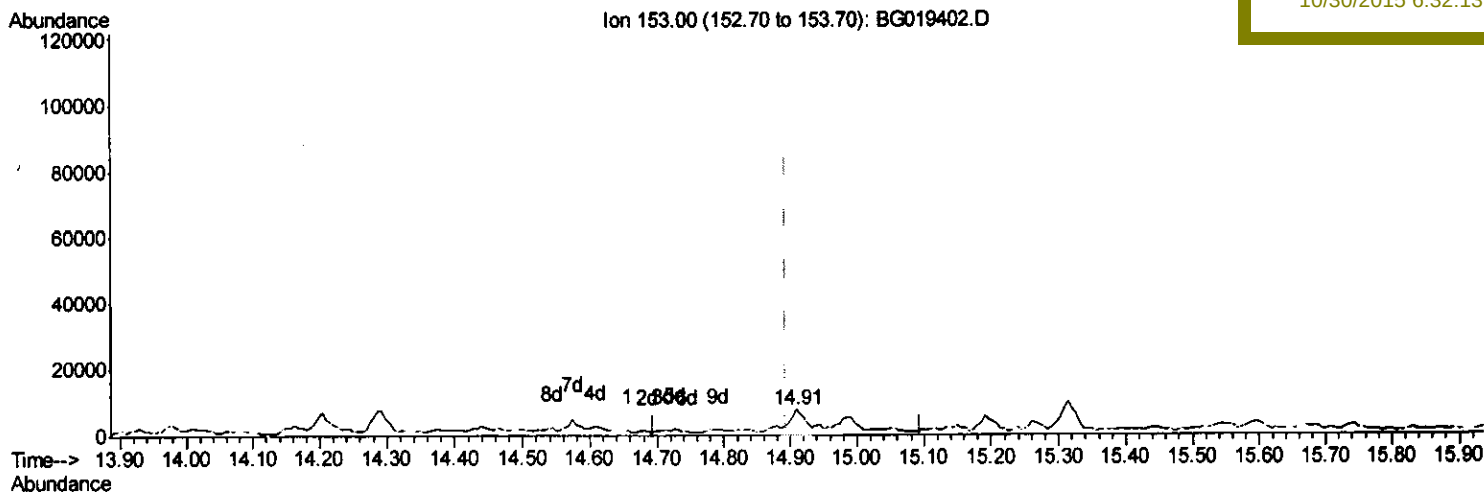
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 07:08:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(50) Acenaphthene (C)

14.908min (+0.015) 1.33ng/ul m

response 13203

U, M
10/31/15

Ion	Exp%	Act%
153.00	100	100
152.00	48.50	62.98#
154.00	89.40	63.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

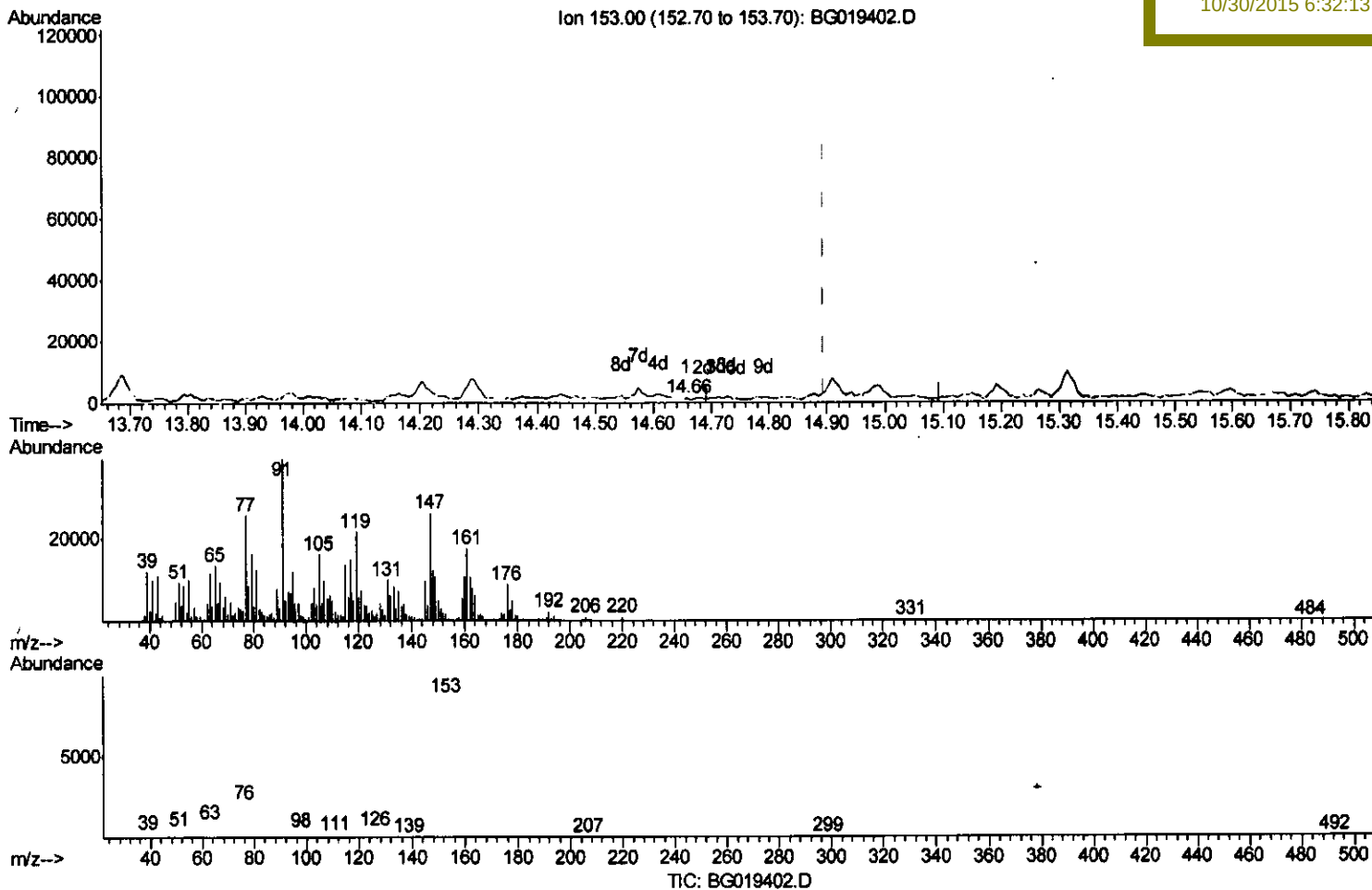
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 E5LS6

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM

Quant Time: Oct 29 07:08:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(50) Acenaphthene (C)

14.656min (-0.238) 0.02ng/ul

response 213

Ion	Exp%	Act%
153.00	100	100
152.00	48.50	116.64#
154.00	89.40	44.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

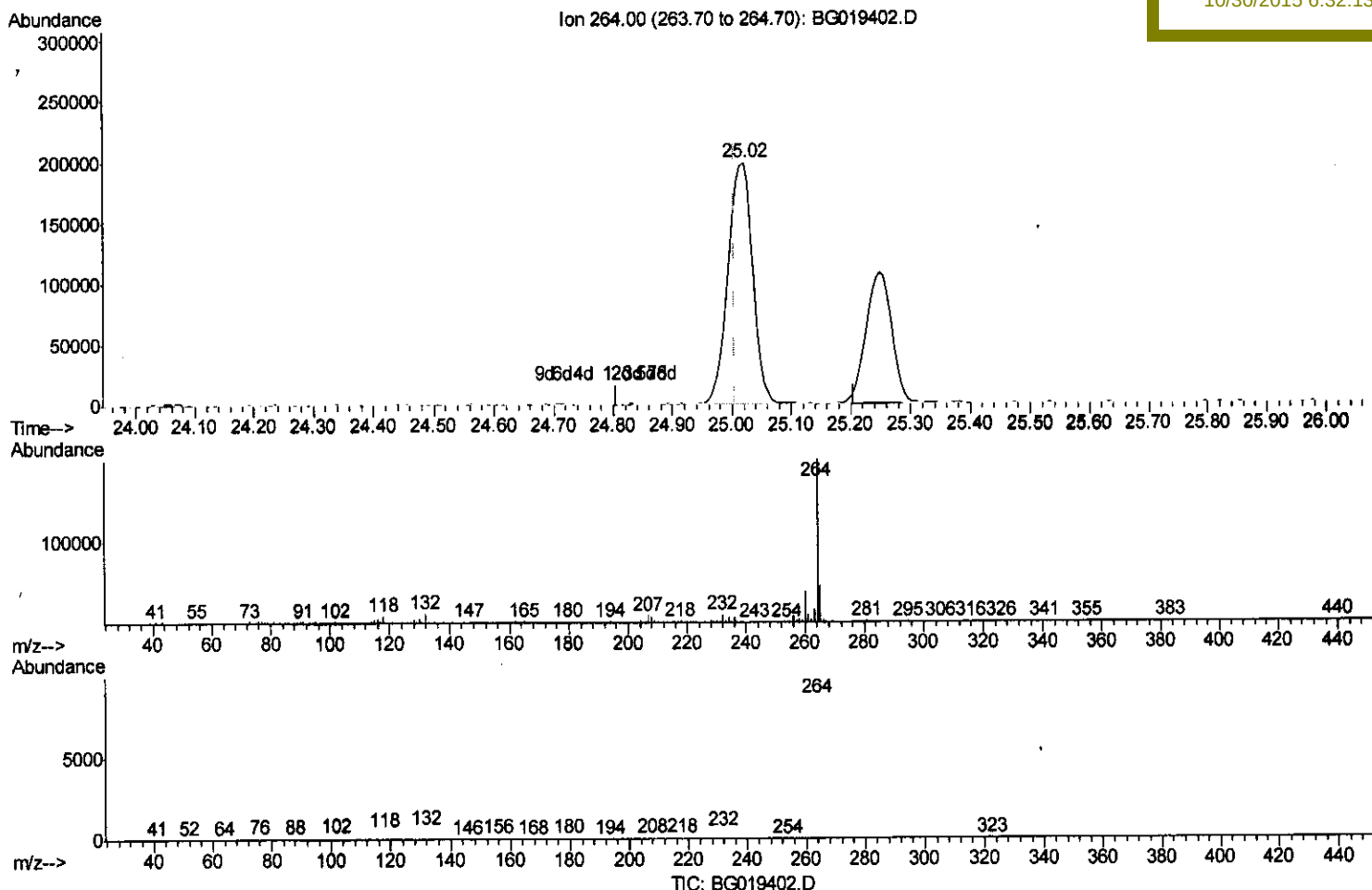
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 07:03:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
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(90) Benzo(a)pyrene-d12 (S)

25.020min (+0.015) 35.48ng/ul m

response 579761

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	5.58
118.00	4.50	4.51
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

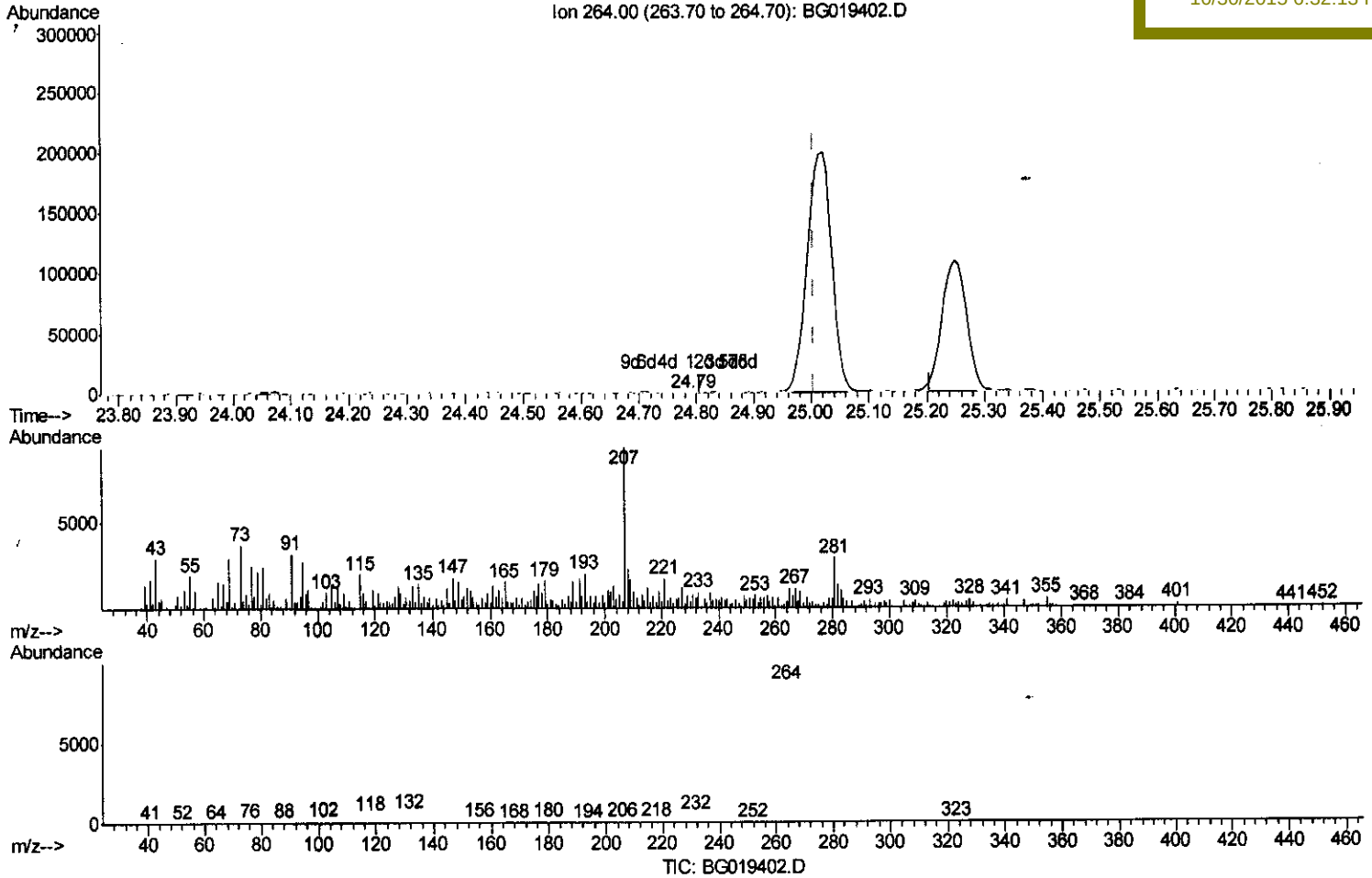
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 E5LS6

Manual Integrations
 APPROVED

Mmdadoda
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Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

24.791min (-0.214) 0.02ng/ul

response 334

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	112.31#
118.00	4.50	44.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

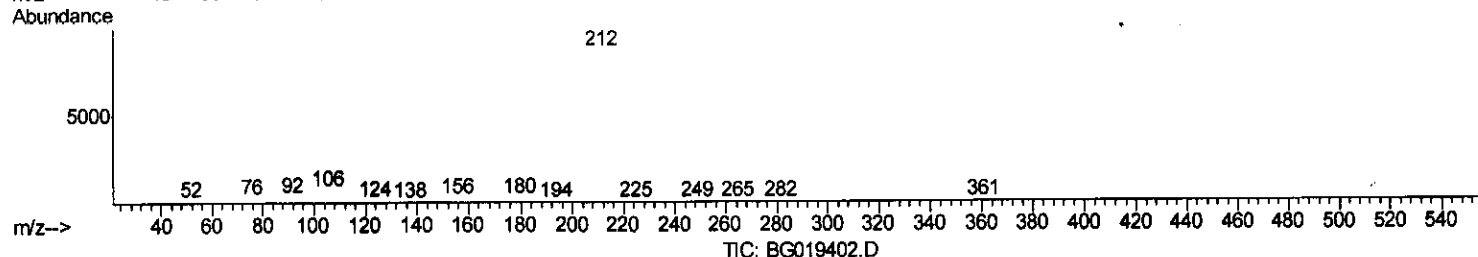
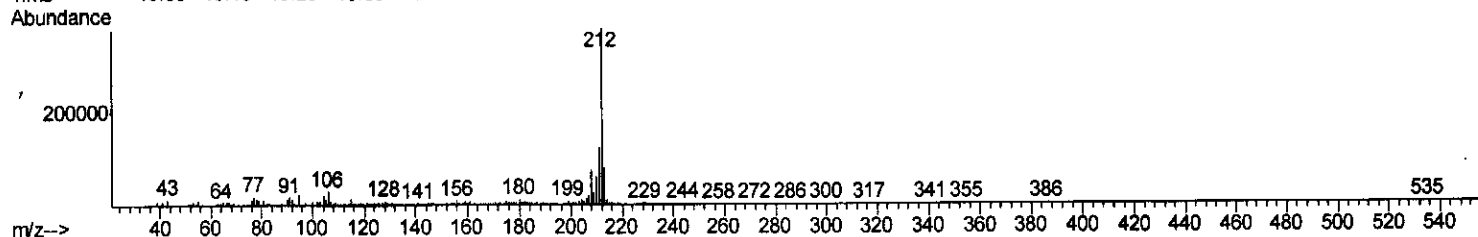
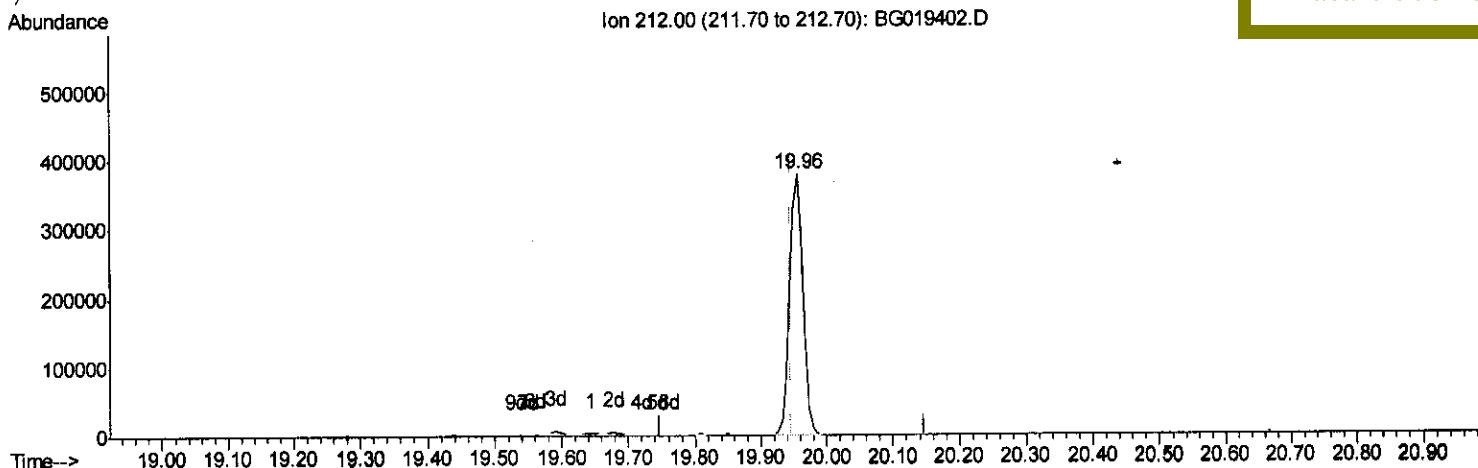
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(79) Pyrene-d10 (S)

19.955min (+0.009) 34.61ng/ul m

response 531512

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	8.00#
104.00	5.10	5.77
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

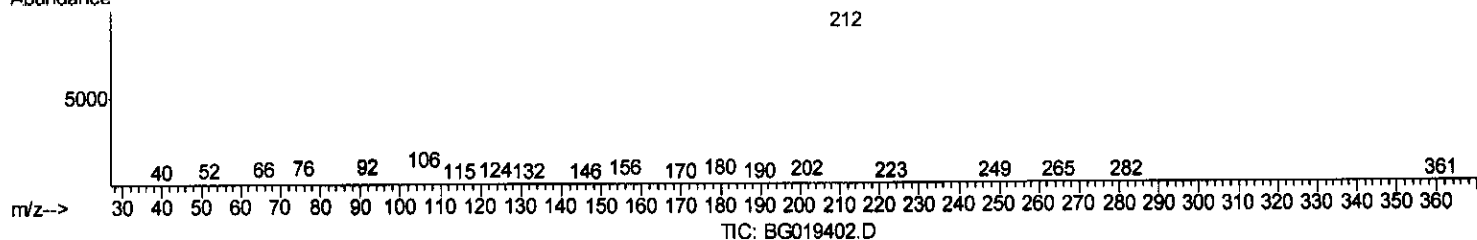
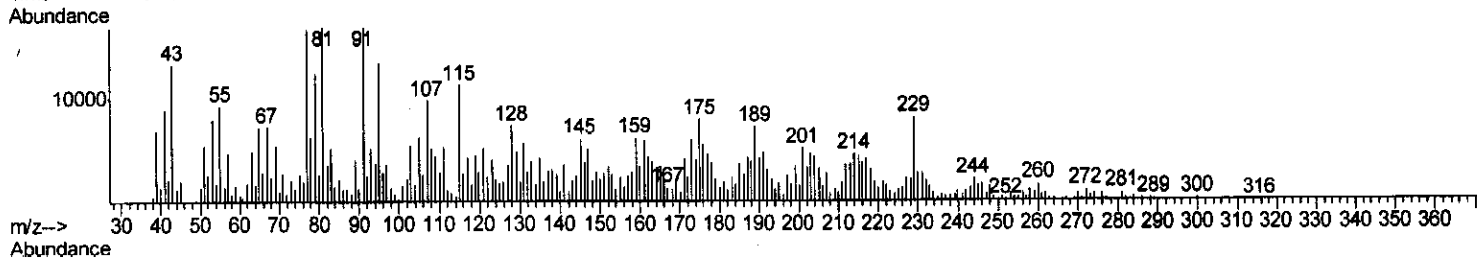
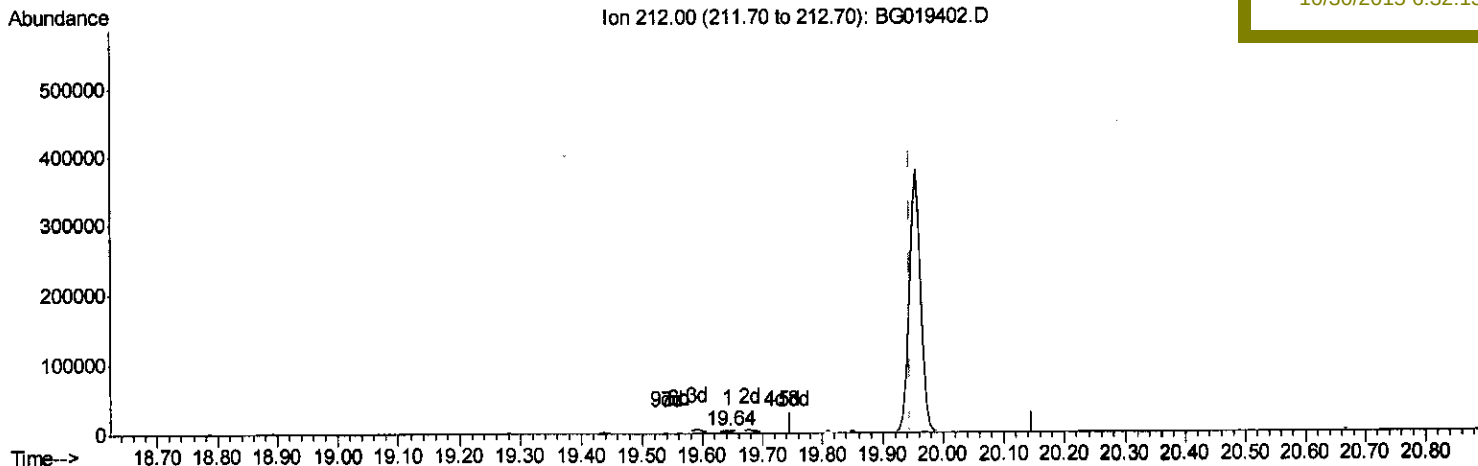
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(79) Pyrene-d10 (S)

19.644min (-0.303) 0.23ng/ul

response 3605

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	73.48#
104.00	5.10	50.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

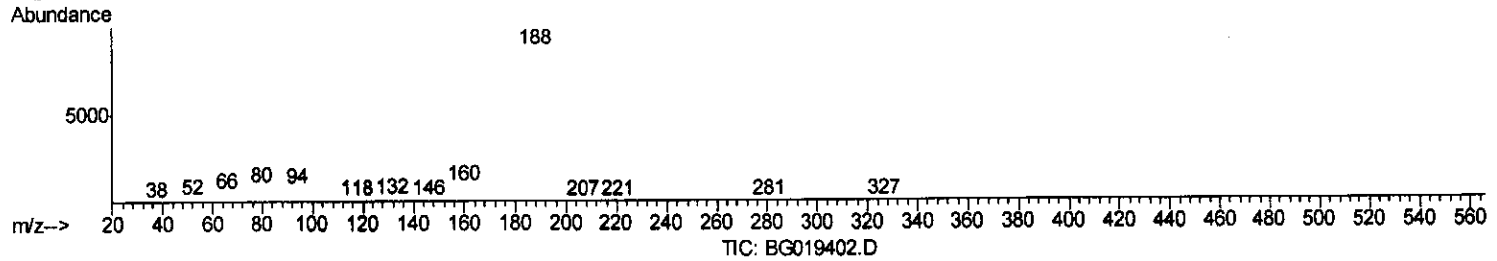
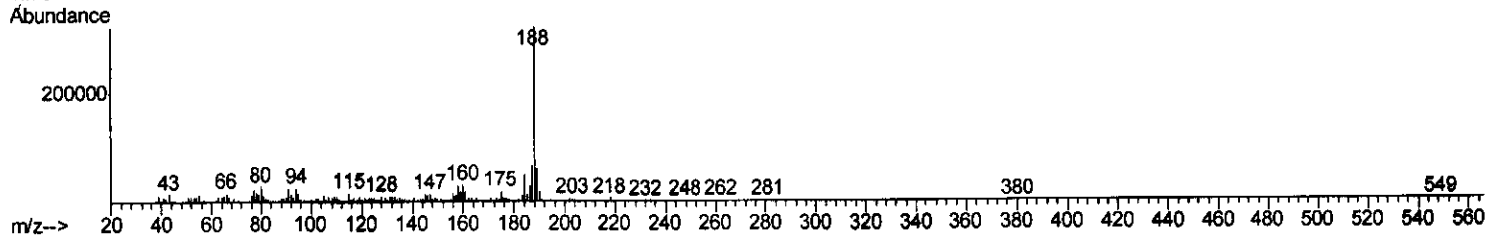
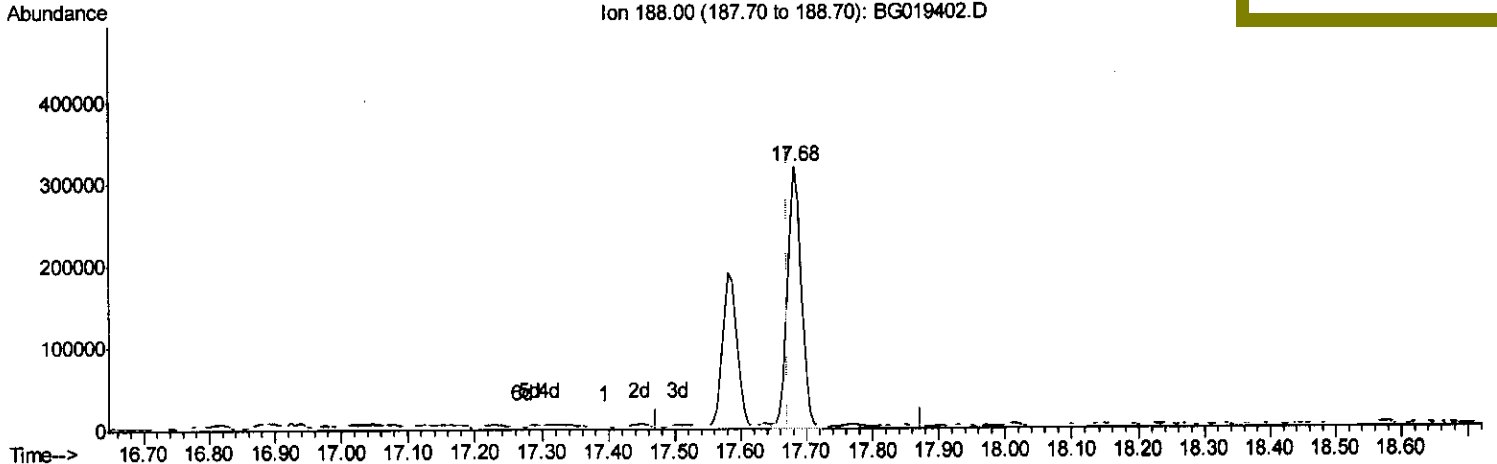
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(71) Anthracene-d10 (S)

17.682min (+0.009) 35.06ng/ul m

response 473200

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	7.61#
80.00	7.00	8.85#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

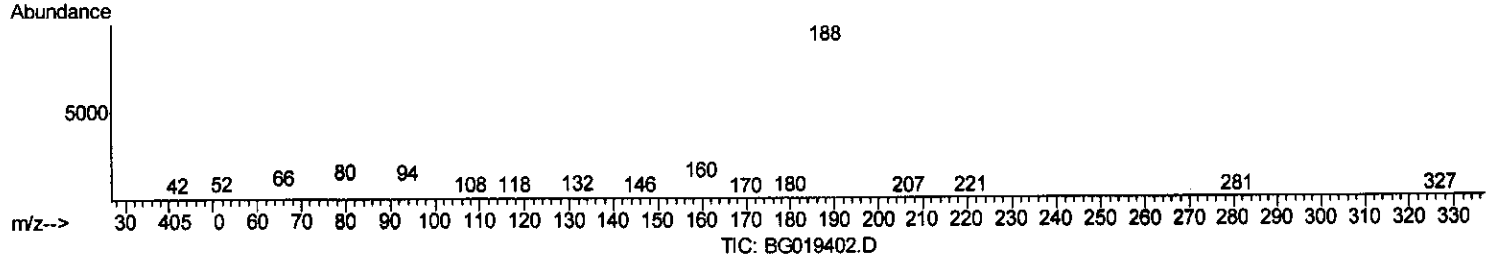
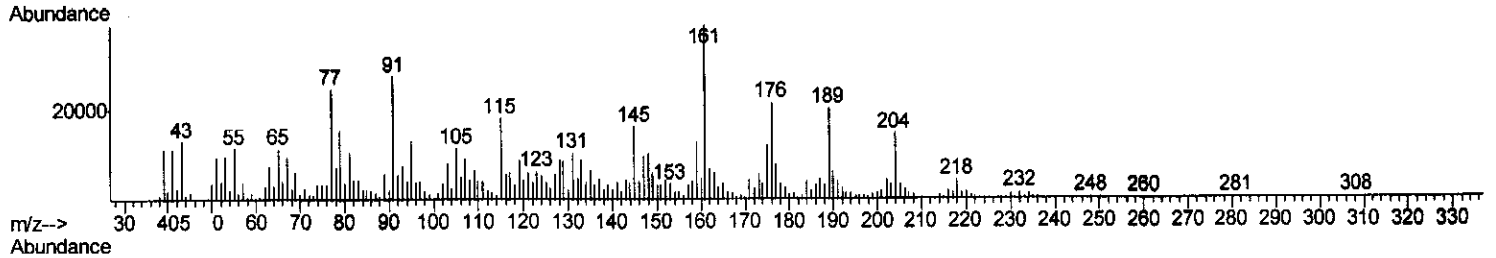
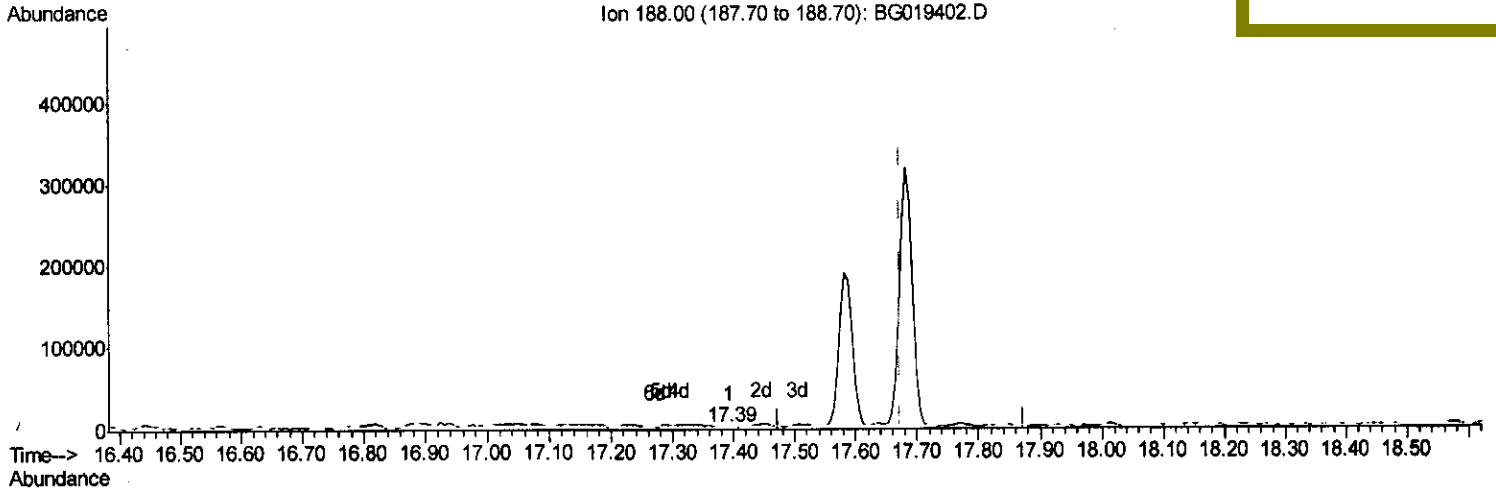
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/30/2015 6:32:13 PM



(71) Anthracene-d10 (S)

17.394min (-0.279) 0.06ng/ul

response 770

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	125.57#
80.00	7.00	104.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

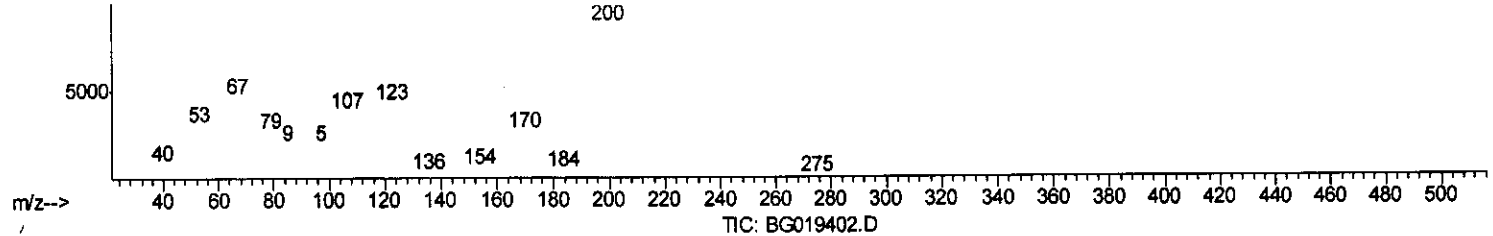
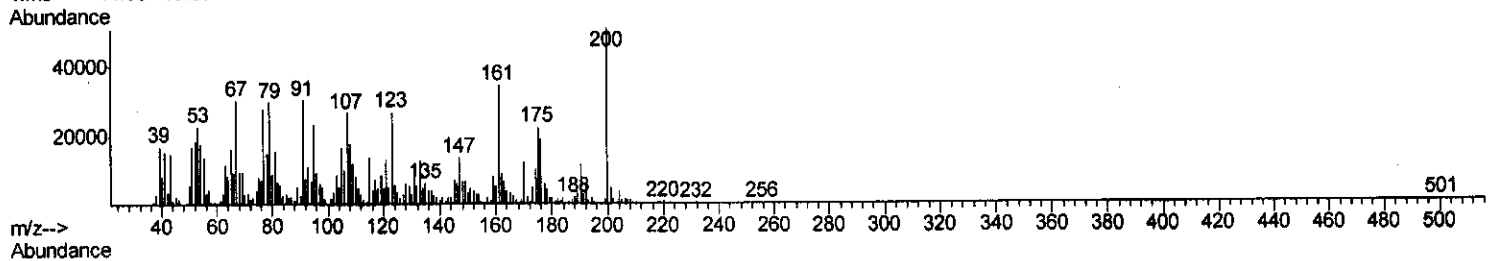
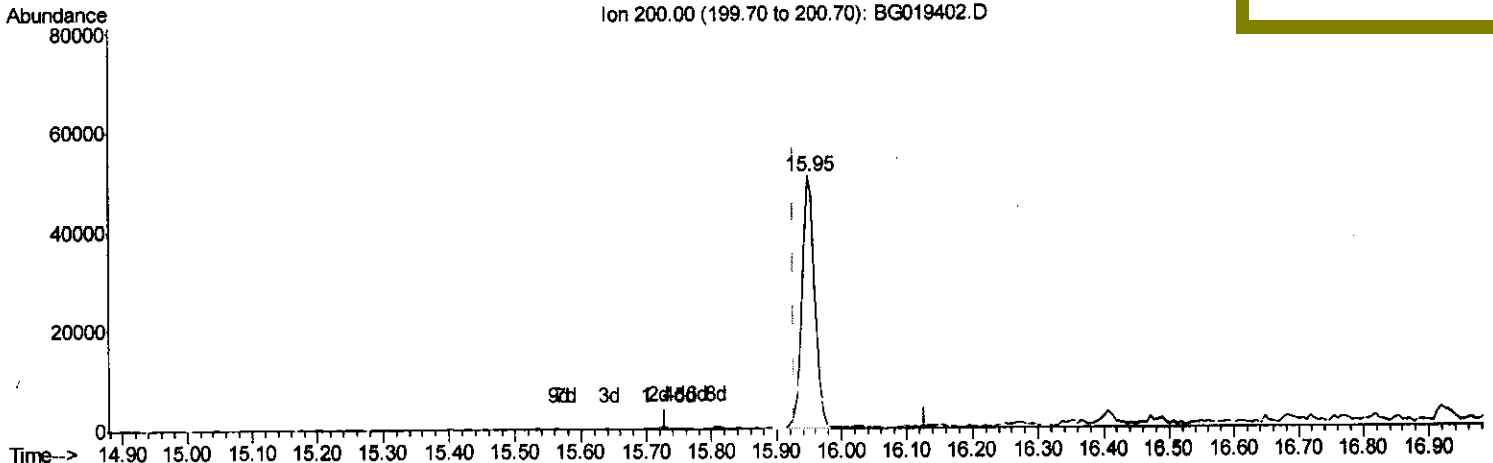
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

15.948min (+0.021) 38.05ng/ul m

response 72919

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	24.05
52.00	35.30	36.72
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

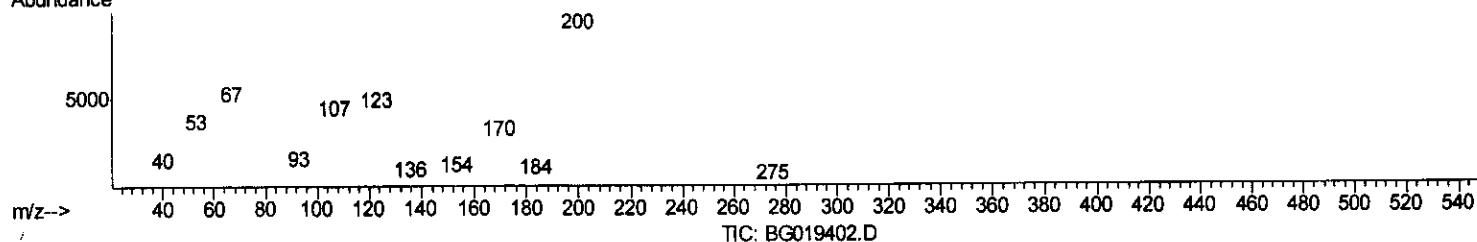
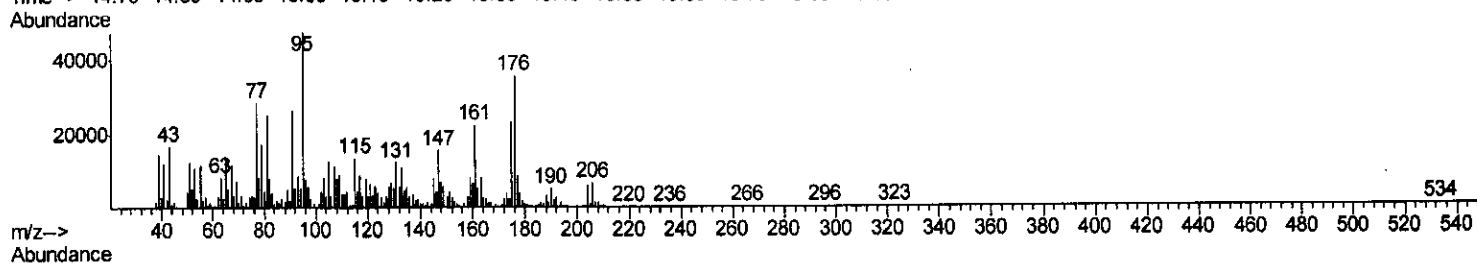
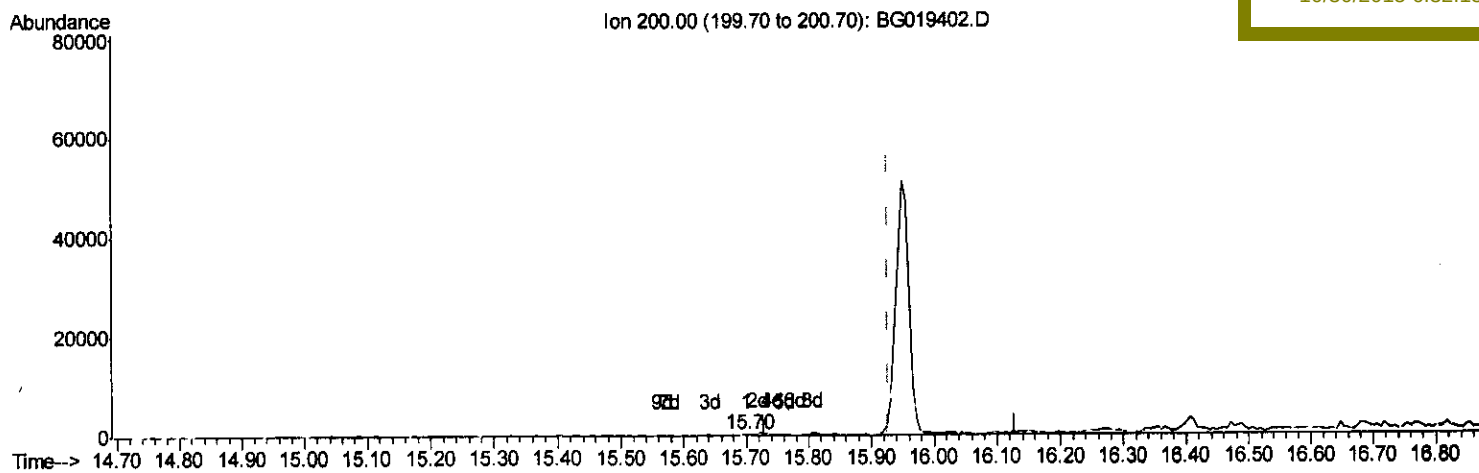
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 07:03:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:13 PM



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

15.702min (-0.226) 0.16ng/ul

response 299

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	123.33#
52.00	35.30	1578.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

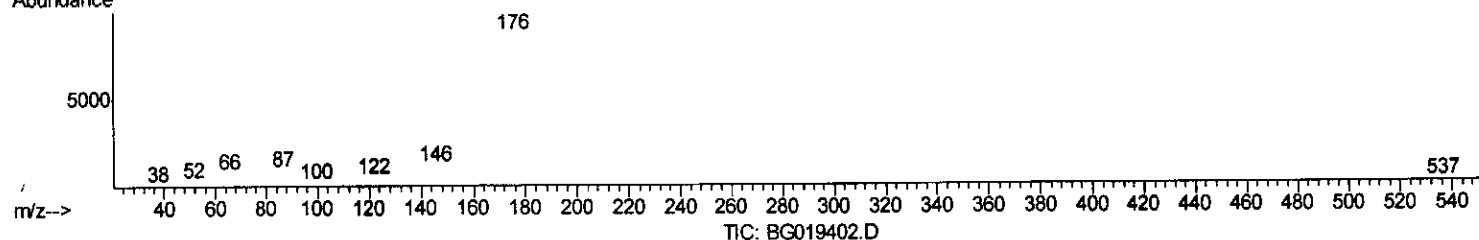
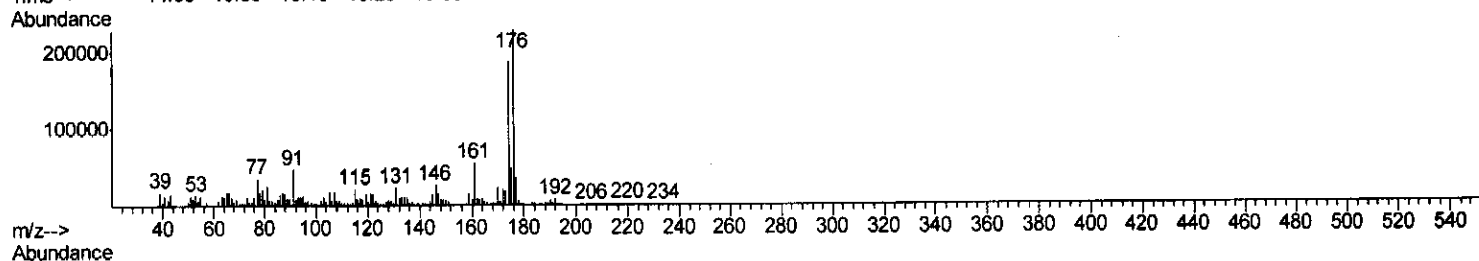
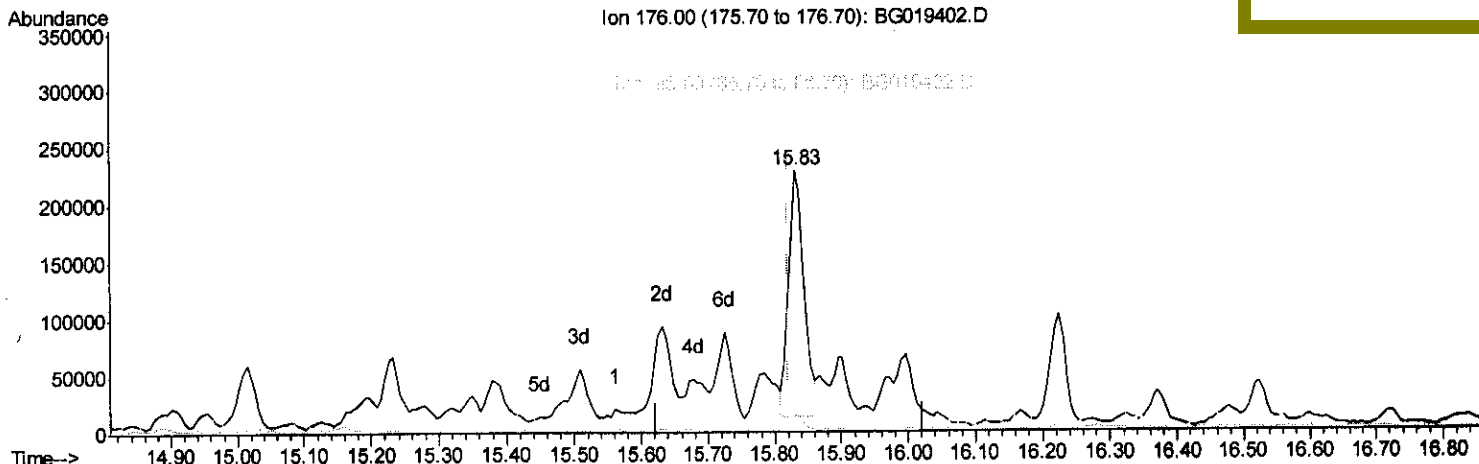
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(58) Fluorene-d10 (S)

15.831min (+0.009) 29.62ng/ul m

response 353762

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	81.42
87.00	5.70	7.56#
86.00	6.30	6.59

U.M
 10/31/15

Quantitation Report (Qedit)

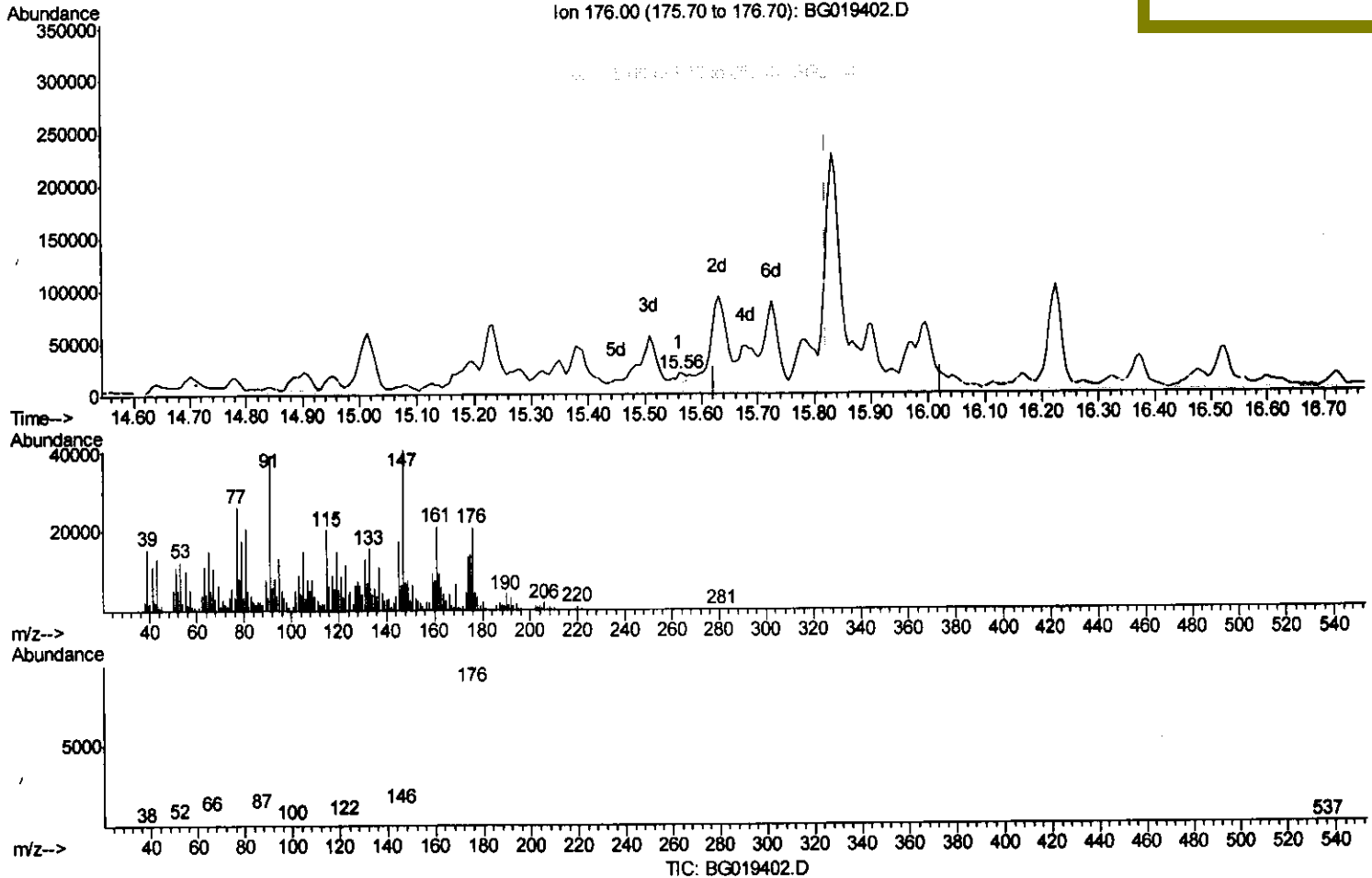
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(58) Fluorene-d10 (S)

15.561min (-0.261) 0.98ng/ul

response 11650

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	64.72#
87.00	5.70	11.93#
86.00	6.30	12.16#

Quantitation Report (Qedit)

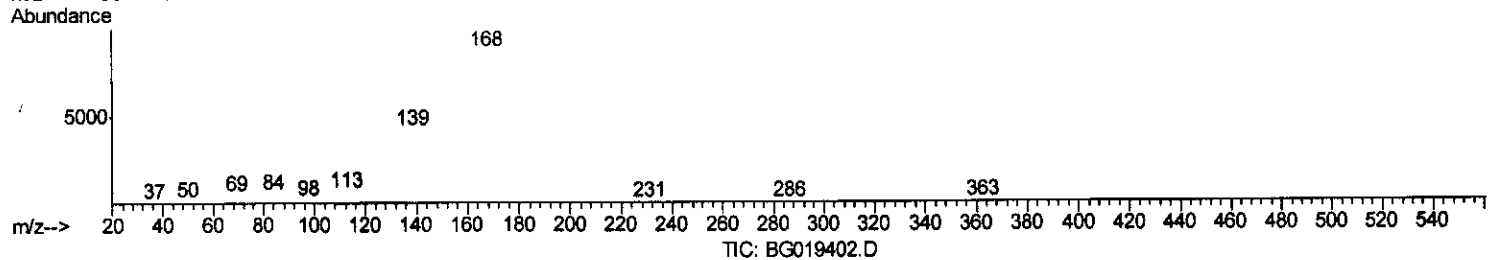
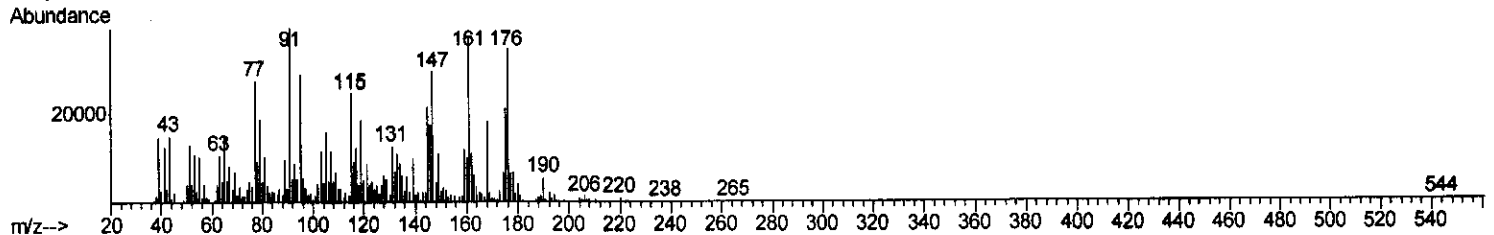
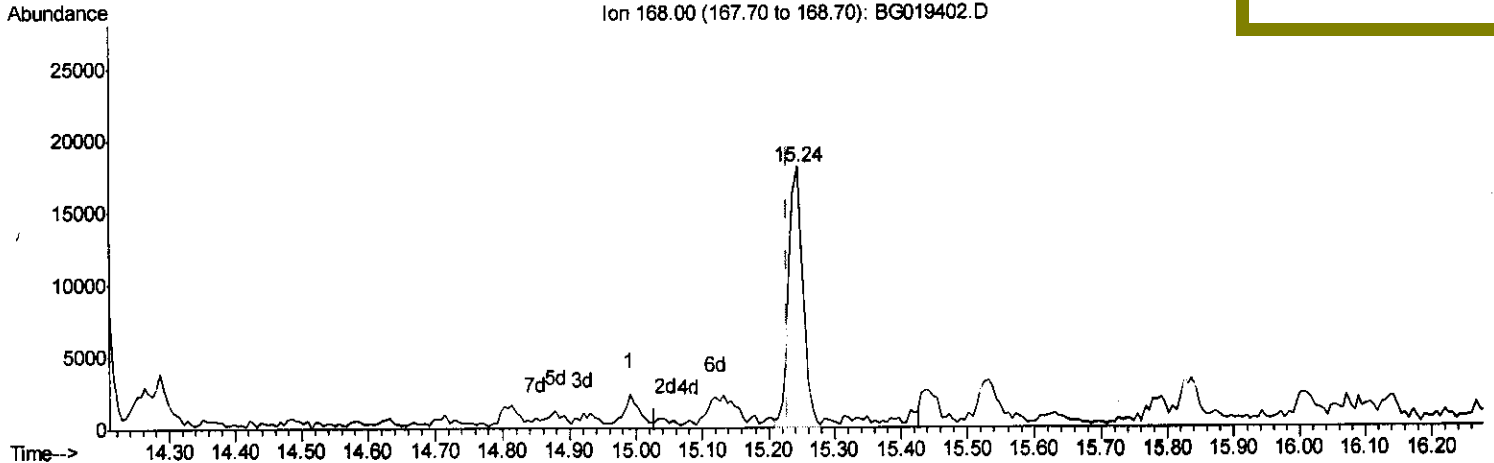
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Manual Integrations
 APPROVED

Mmdadoda
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Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(54) Dibenzofuran

15.243min (+0.015) 1.89ng/ul m

response 27564

U.M
 10/31/15

Ion	Exp%	Act%
168.00	100	100
139.00	40.50	54.05#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

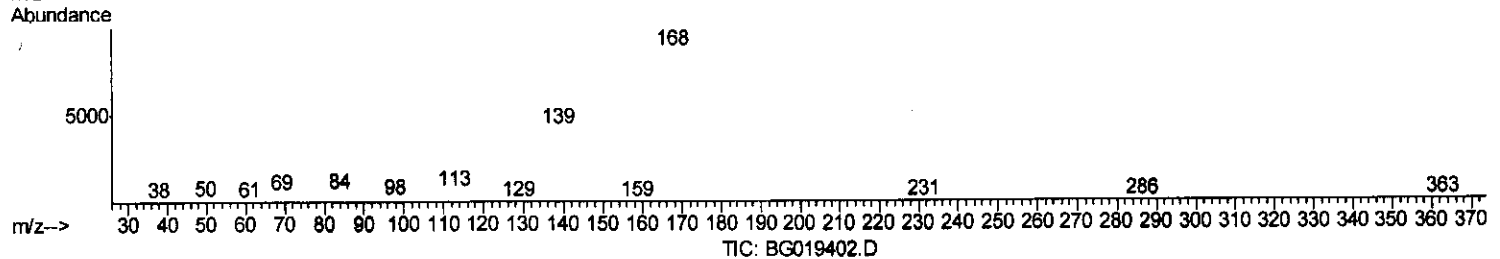
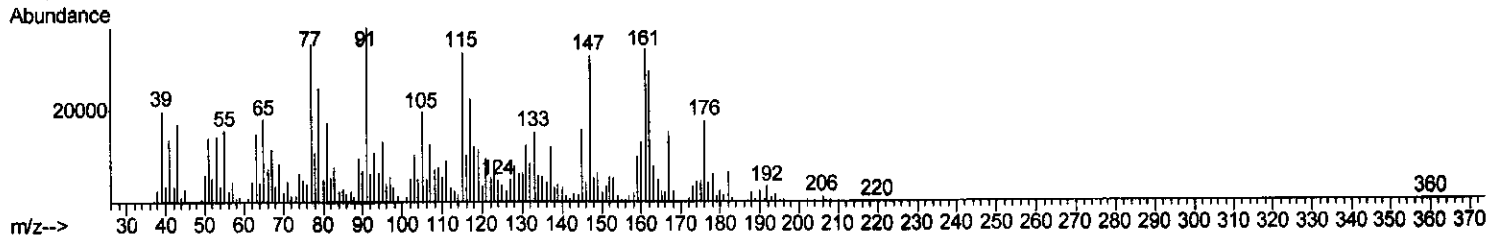
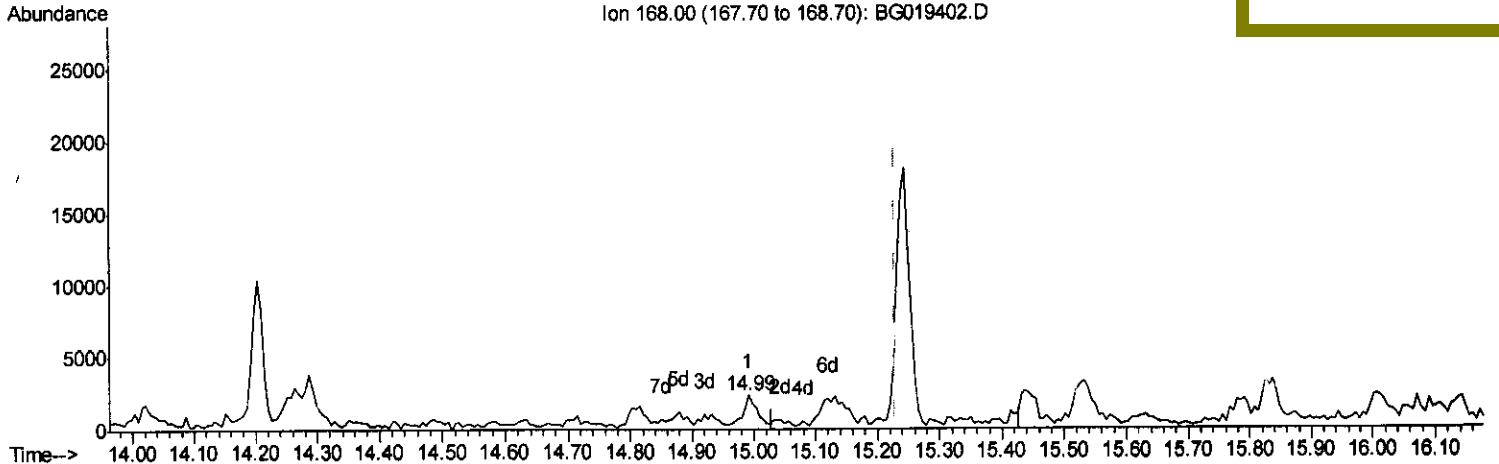
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:03:46 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(54) Dibenzofuran

14.991min (-0.238) 0.20ng/ul

response 2933

Ion	Exp%	Act%
168.00	100	100
139.00	40.50	166.90#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

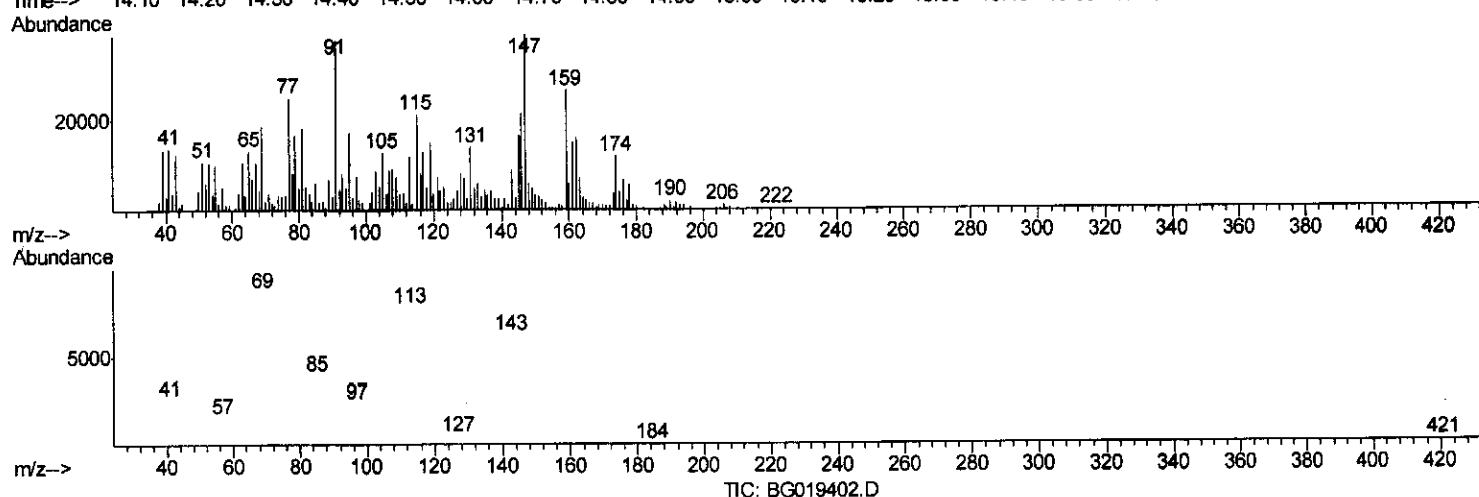
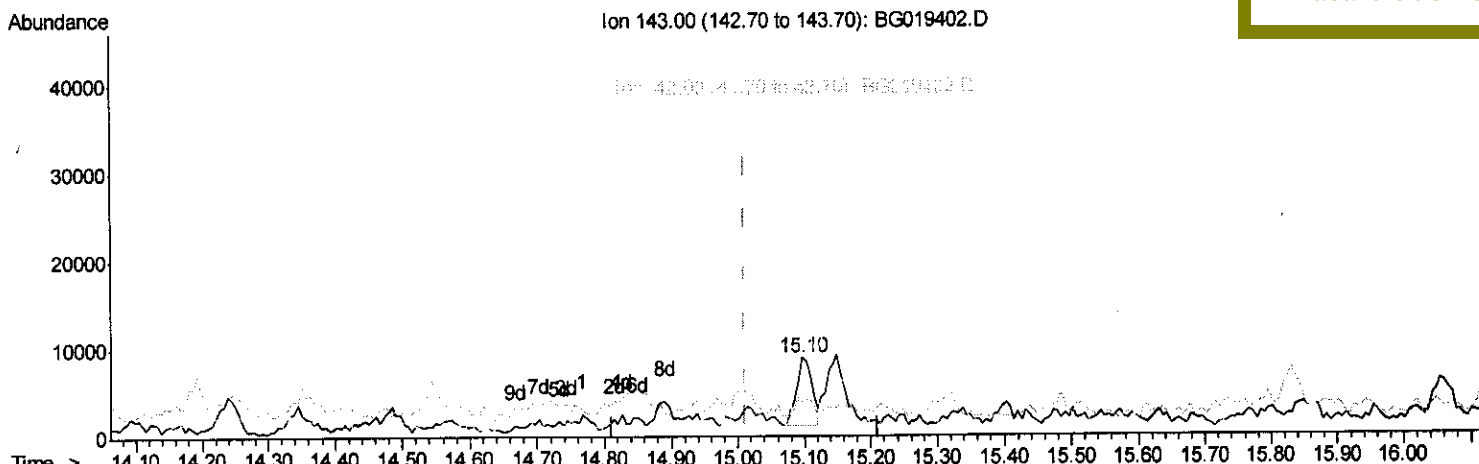
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(52) 4-Nitrophenol-d4 (S)

15.096min (+0.085) 6.32ng/ul m

response 12968

Ion Exp% Act%

143.00 100 100

113.00 166.10 132.12#

41.00 40.70 152.34#

42.00 28.20 43.74#

U.M
 10/31/15

Quantitation Report (Qedit)

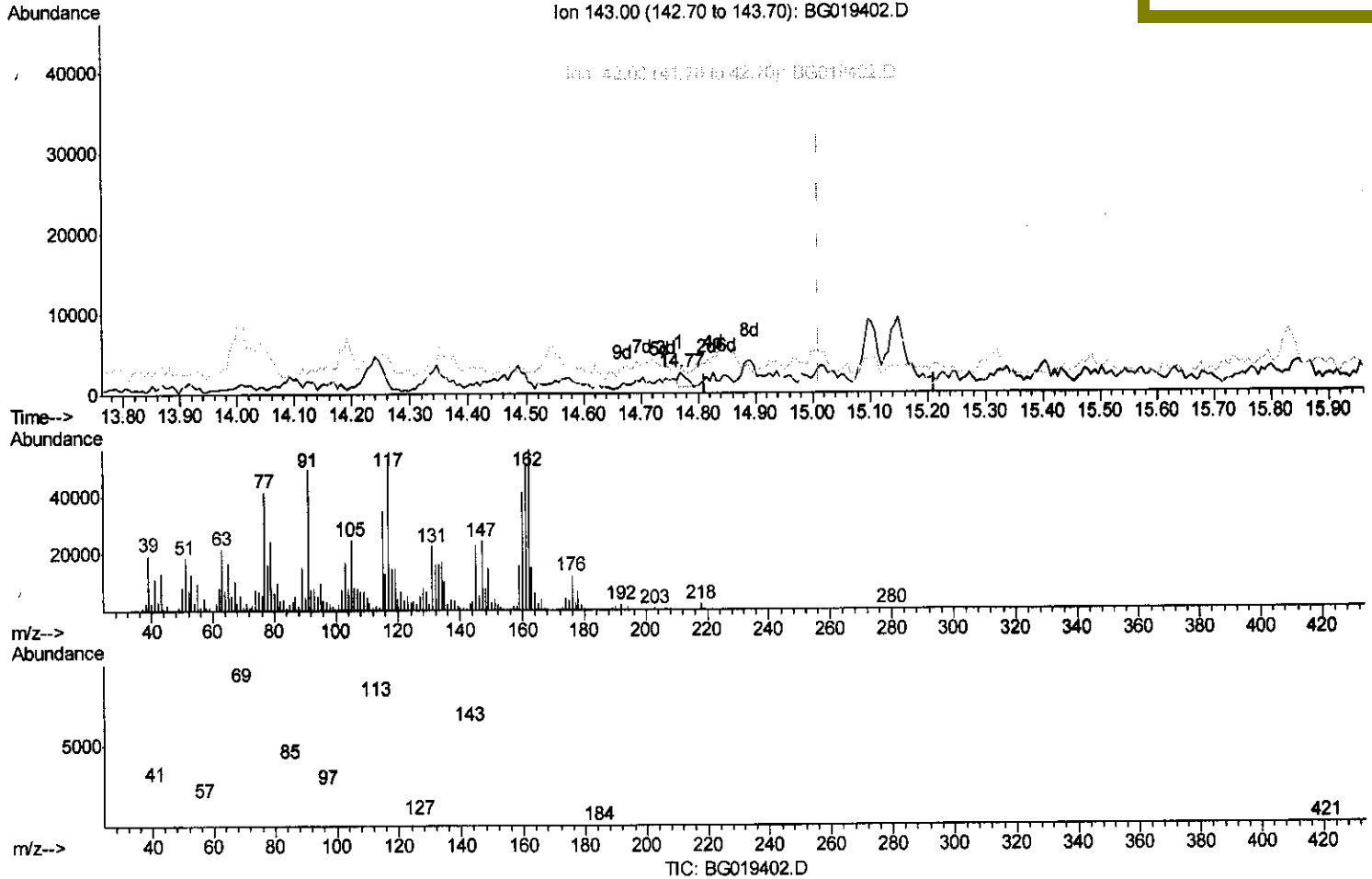
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(52) 4-Nitrophenol-d4 (S)

14.767min (-0.244) 0.84ng/ui

response 1731

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	65.04#
41.00	40.70	432.92#
42.00	28.20	121.49#

Quantitation Report (Qedit)

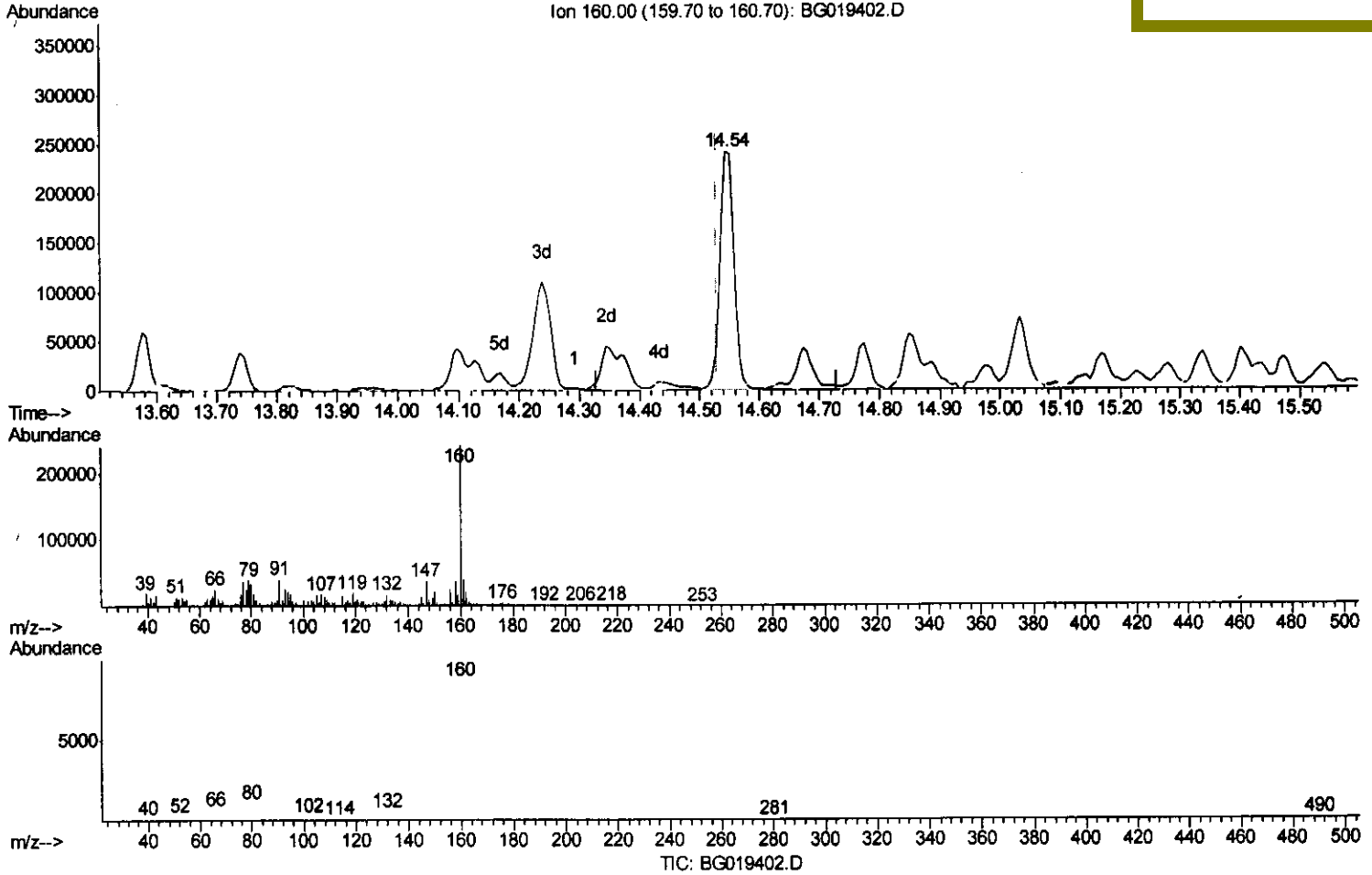
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(47) Acenaphthylene-d8 (S)

14.544min (+0.015) 27.59ng/ul m

response 394554

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	13.51#
158.00	13.90	15.35
0.00	0.00	0.00

V.M
 10/31/15

Quantitation Report (Qedit)

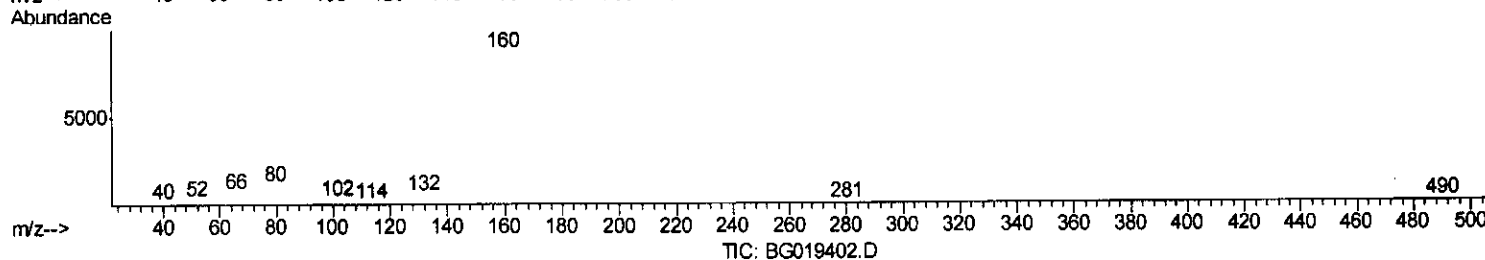
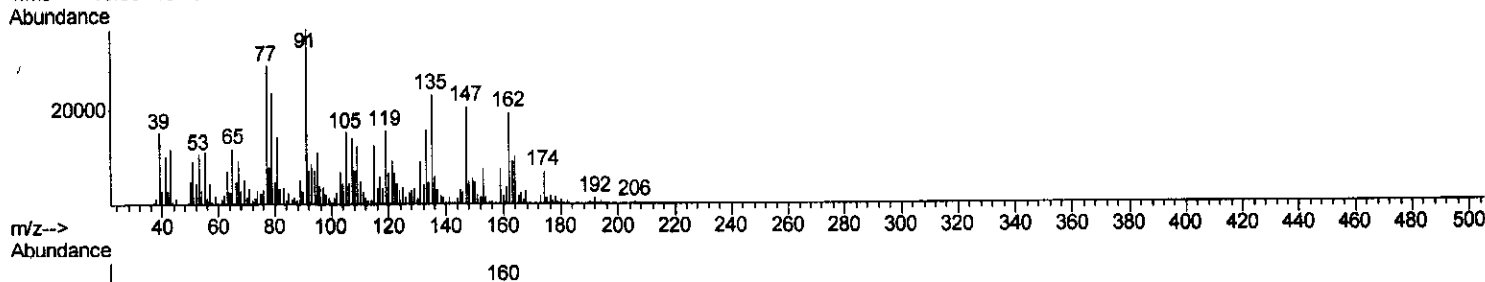
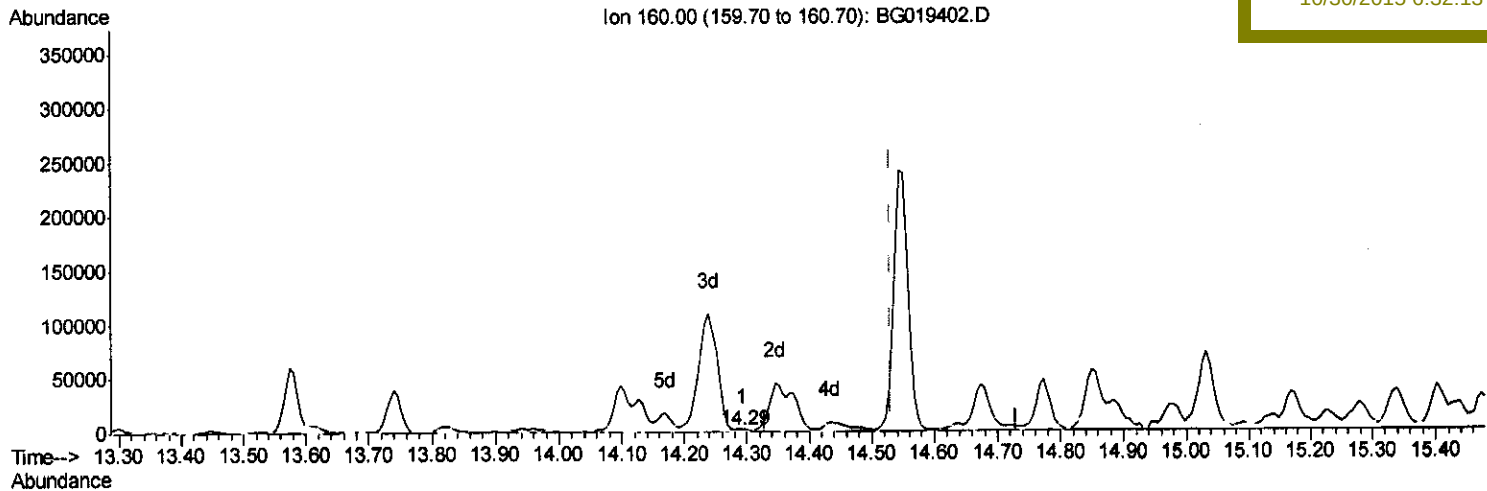
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(47) Acenaphthylene-d8 (S)

14.292min (-0.238) 0.03ng/ul

response 481

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	252.87#
158.00	13.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

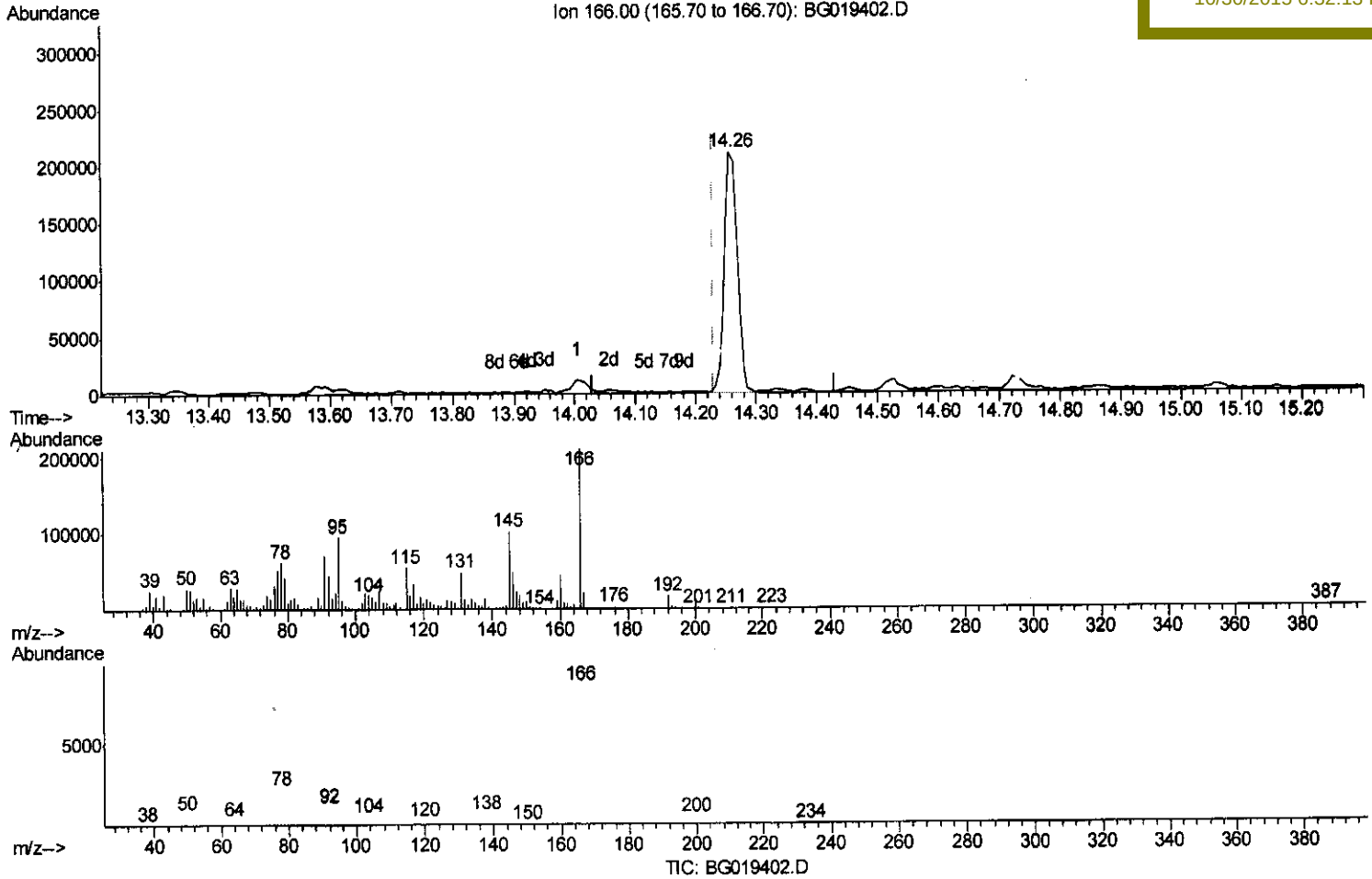
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Manual Integrations
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Mmdadoda
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Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(44) Dimethylphthalate-d6 (S)

14.256min (+0.026) 24.71ng/ul m

response 319012

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	29.25#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

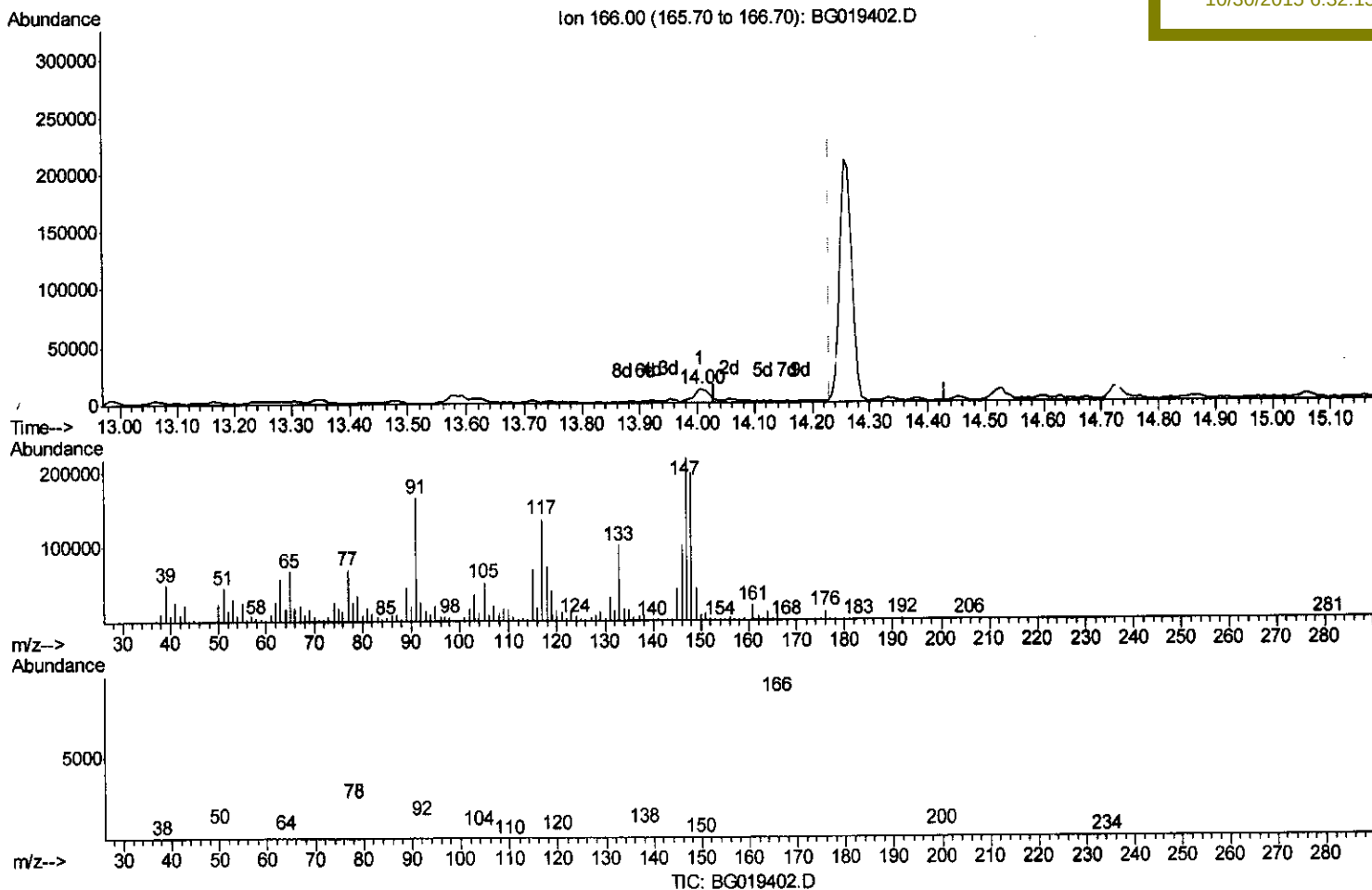
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(44) Dimethylphthalate-d6 (S)

14.004min (-0.226) 1.60ng/ul

response 20626

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	201.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

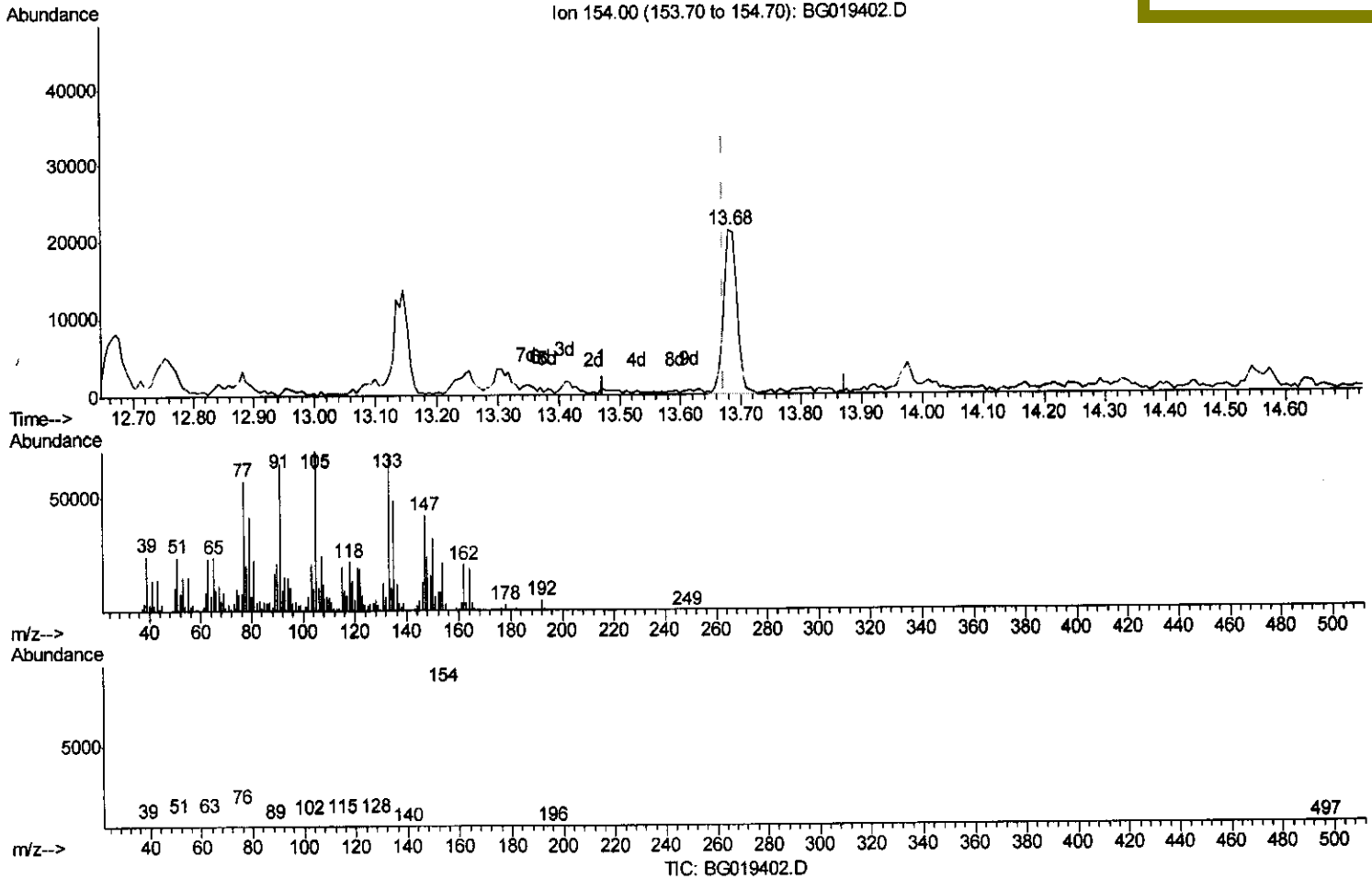
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(41) 1,1'-Biphenyl

13.680min (+0.009) 2.96ng/ul m

response 32792

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	39.30
76.00	9.60	36.51#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

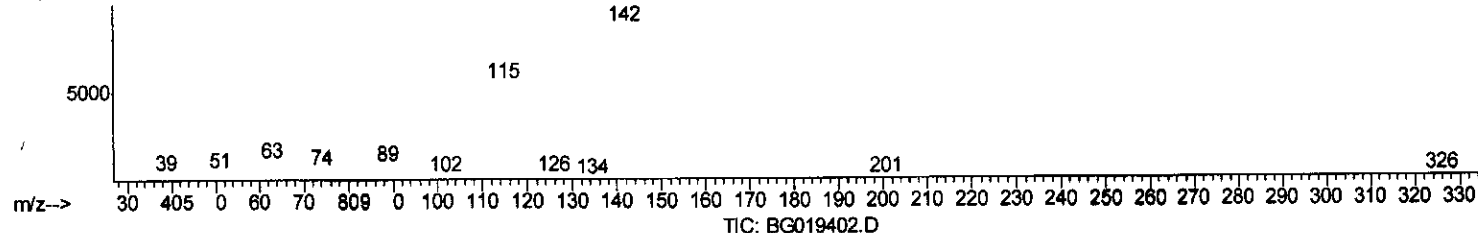
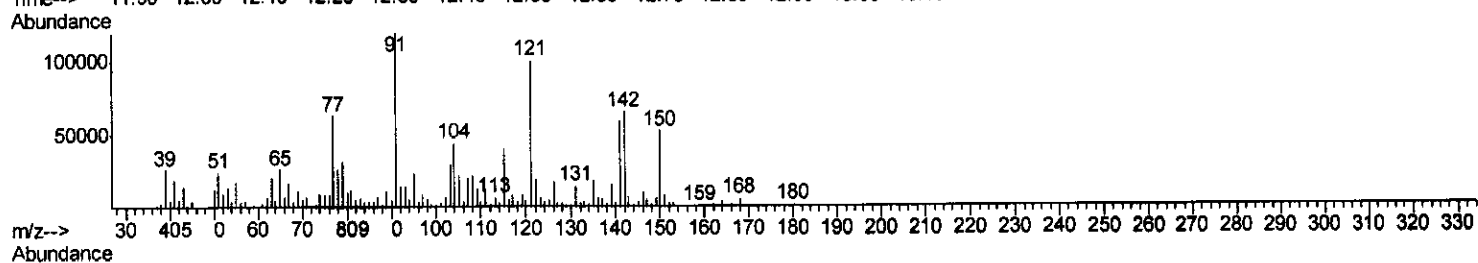
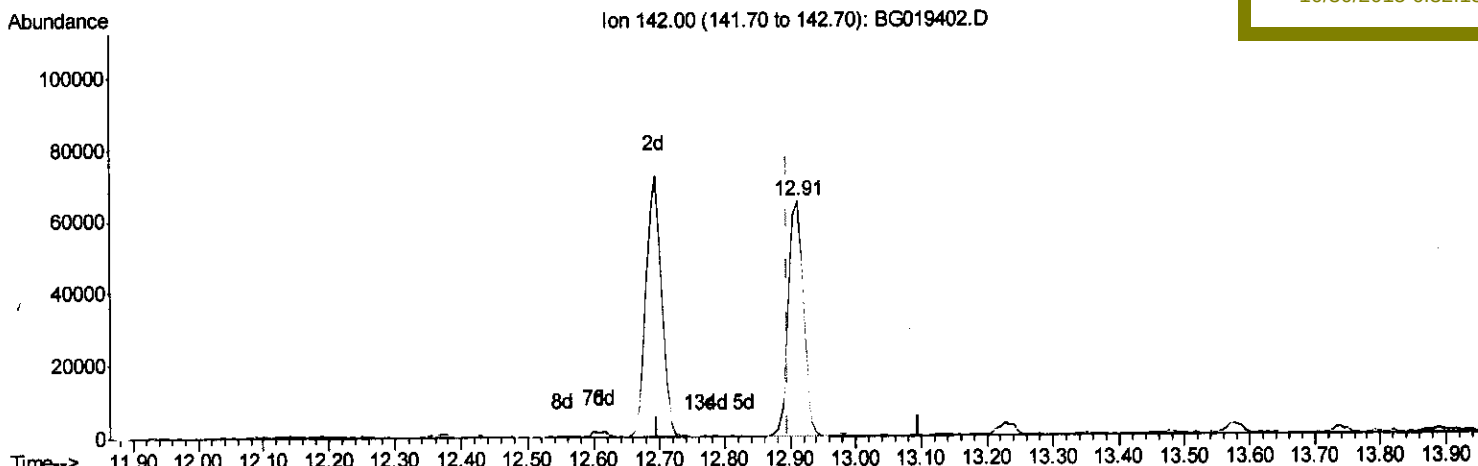
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(35) 1-Methylnaphthalene

12.911min (+0.015) 16.66ng/ul m

response 102329

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	90.55
116.00	6.70	7.52
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

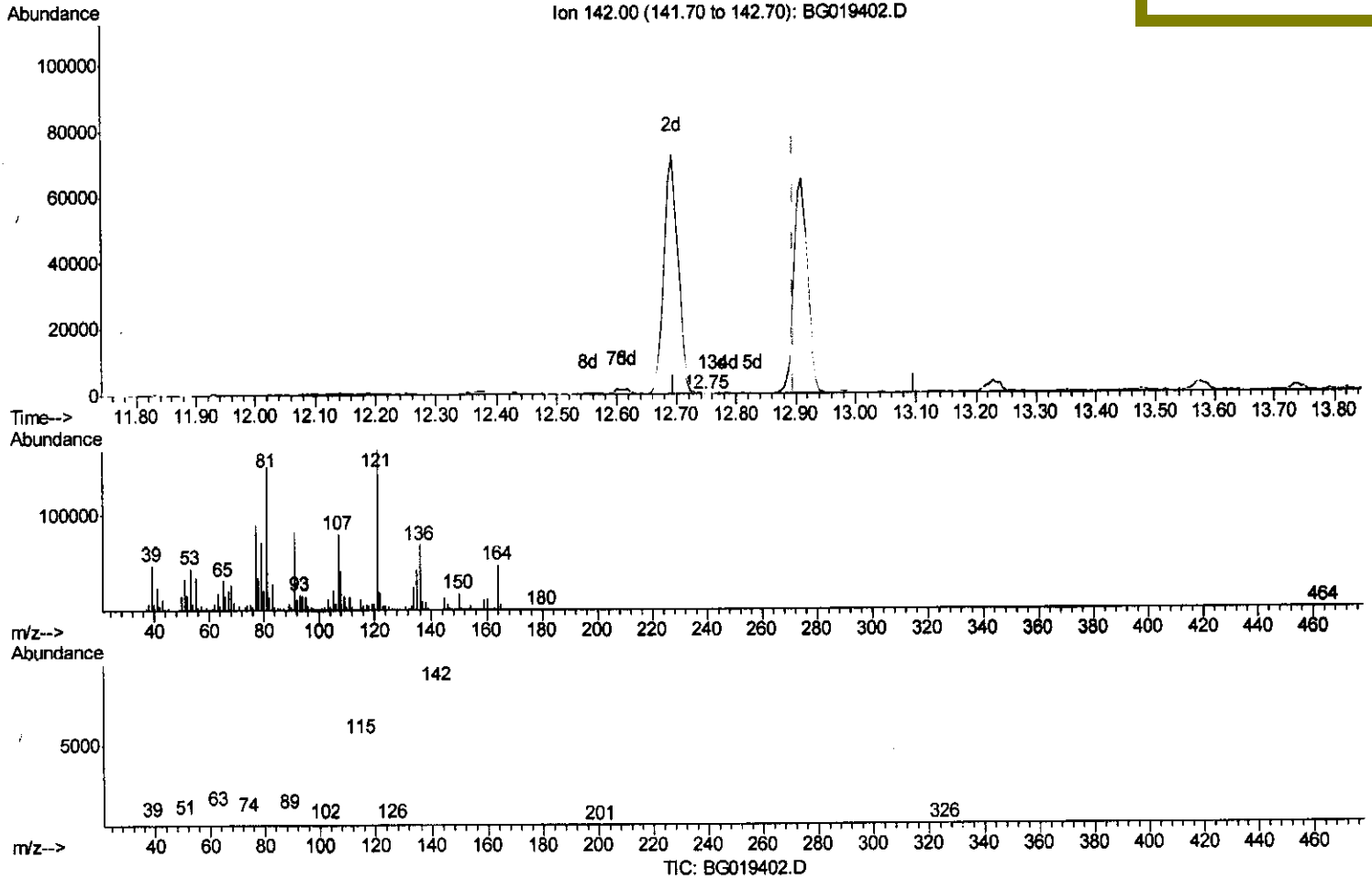
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(35) 1-Methylnaphthalene

12.746min (-0.150) 0.02ng/ul

response 139

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	228.57#
116.00	6.70	2102.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

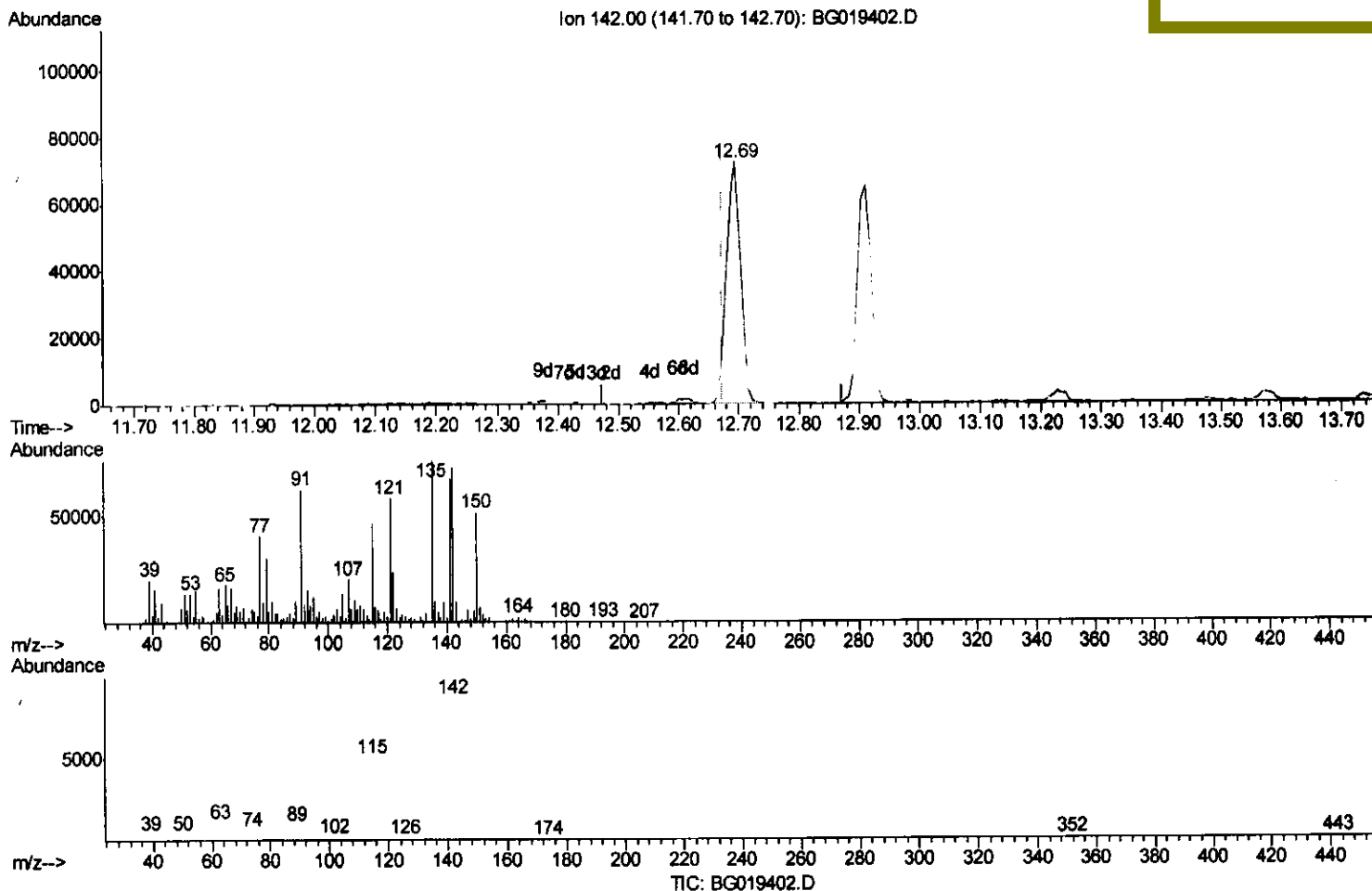
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(34) 2-Methylnaphthalene

12.693min (+0.021) 17.98ng/ul m

response 116706

Ion	Exp%	Act%
142.00	100	100
141.00	91.80	92.74
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

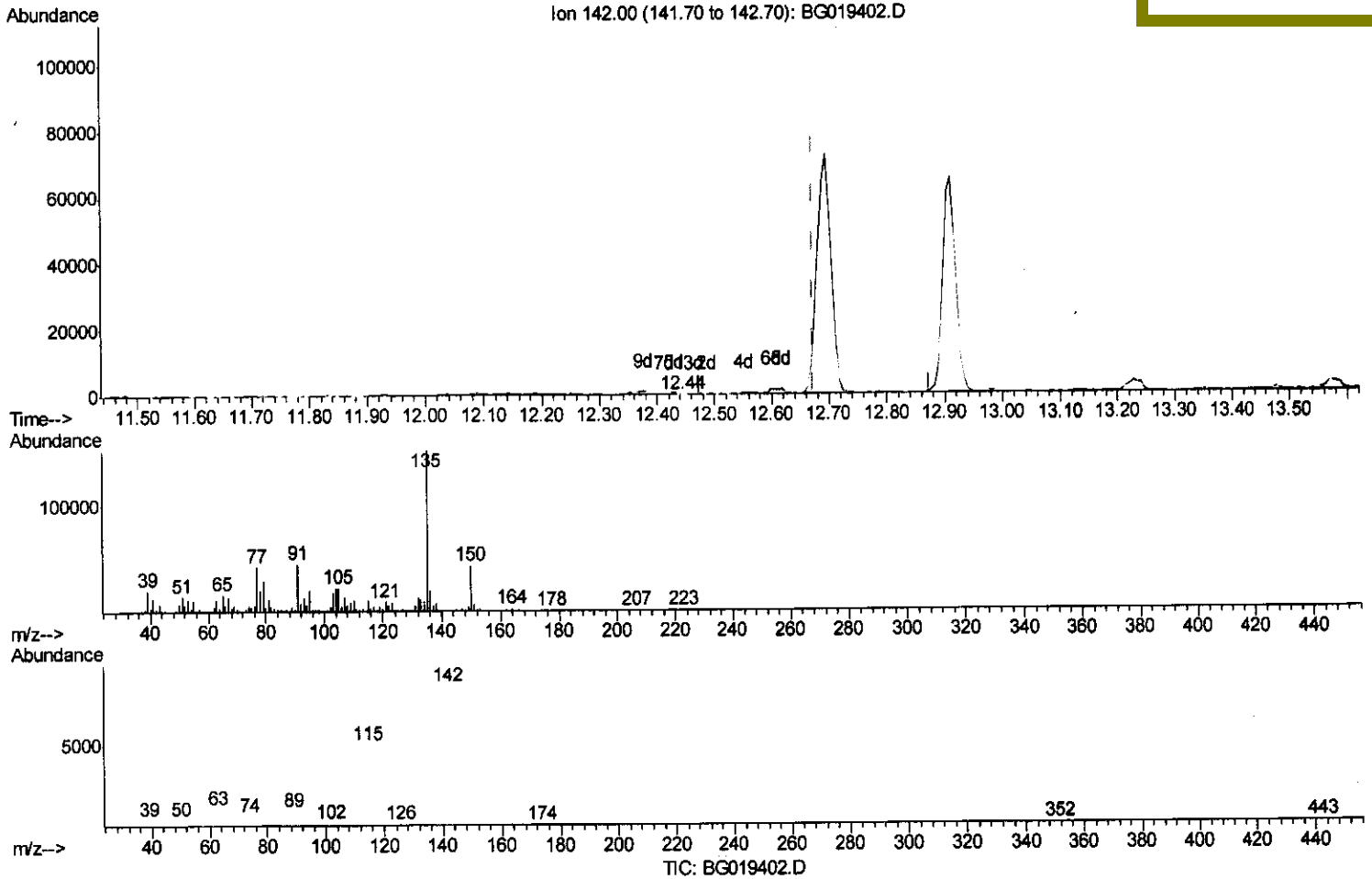
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(34) 2-Methylnaphthalene

12.441min (-0.232) 0.02ng/ul

response 152

Ion	Exp%	Act%
142.00	100	100
141.00	91.80	83.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

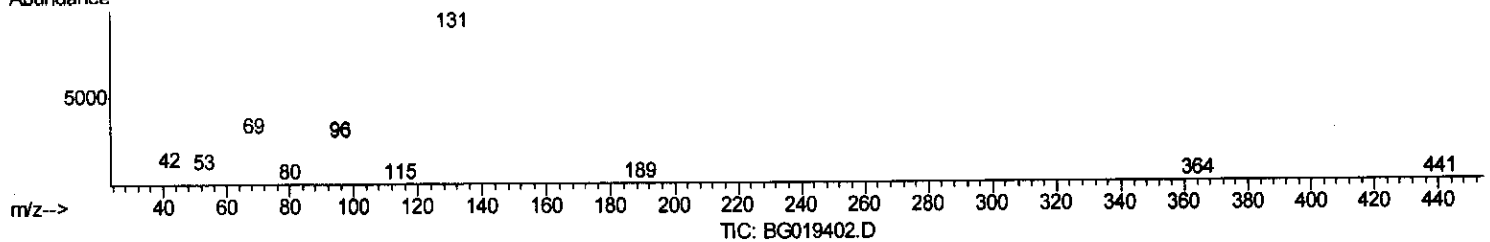
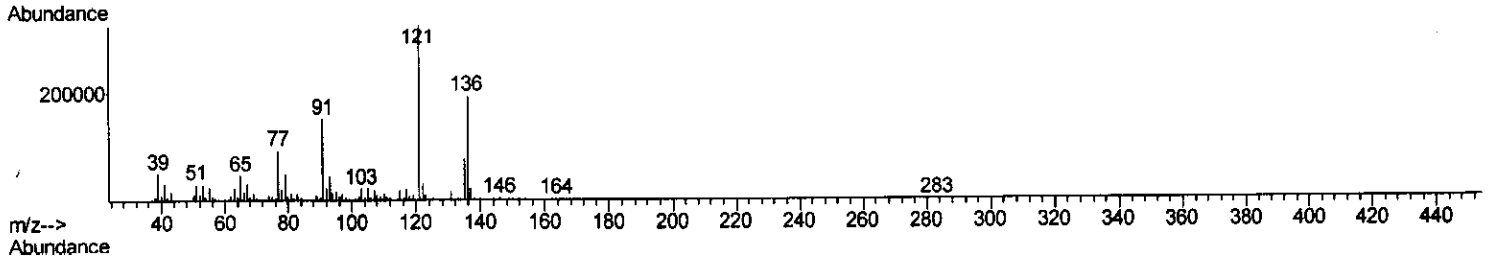
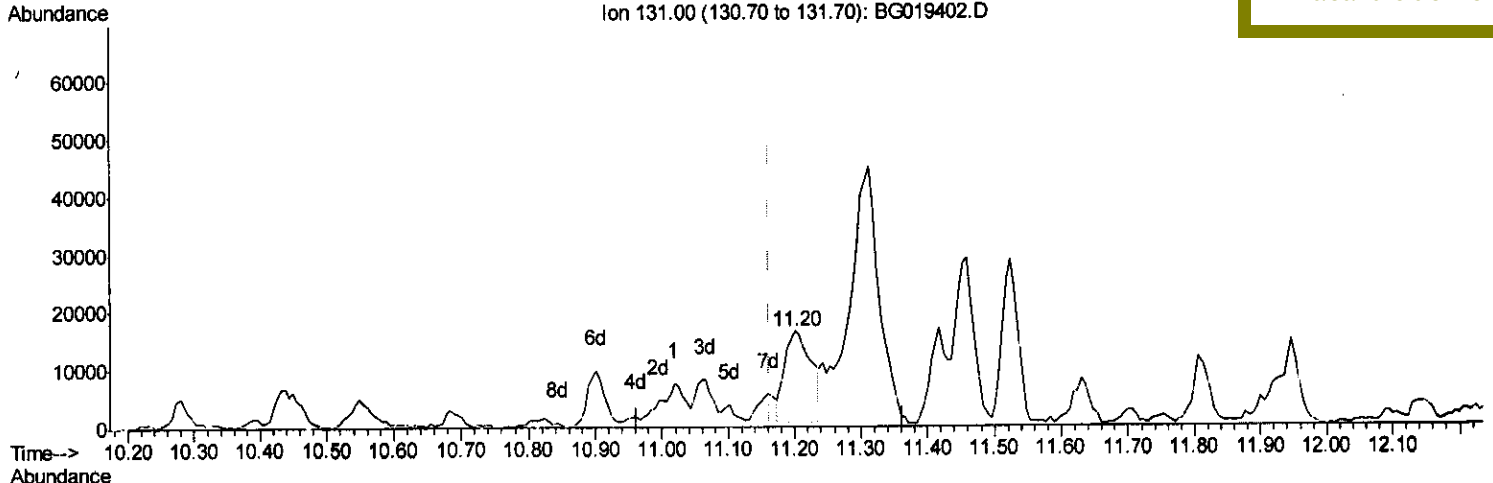
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(29) 4-Chloroaniline-d4 (S)

11.201min (+0.038) 14.59ng/ul m

response 45091

U.M
 10/31/15

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	22.12#
69.00	23.70	79.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

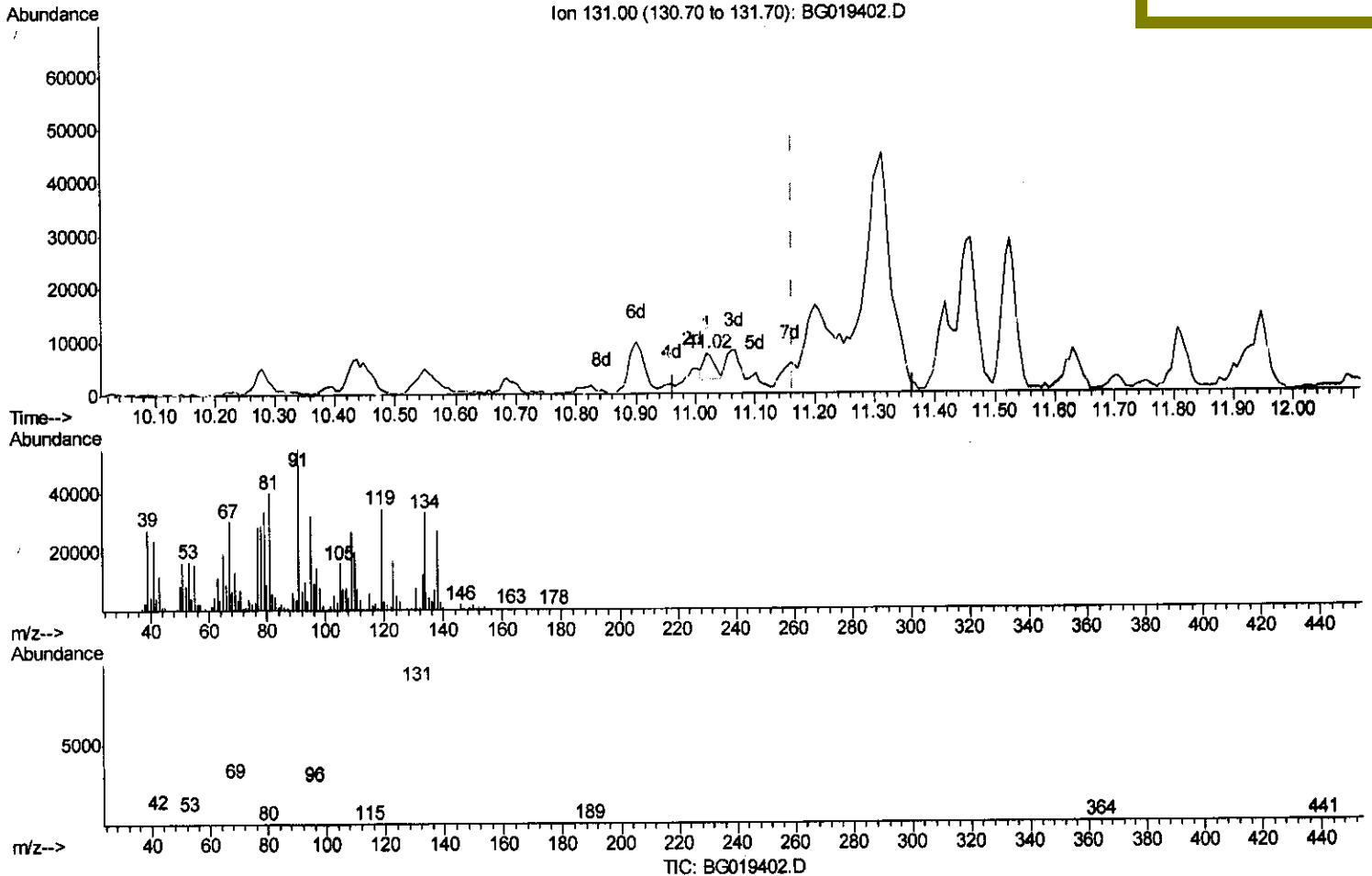
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(29) 4-Chloroaniline-d4 (S)

11.019min (-0.144) 2.00ng/ul

response 6169

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	160.53#
69.00	23.70	169.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

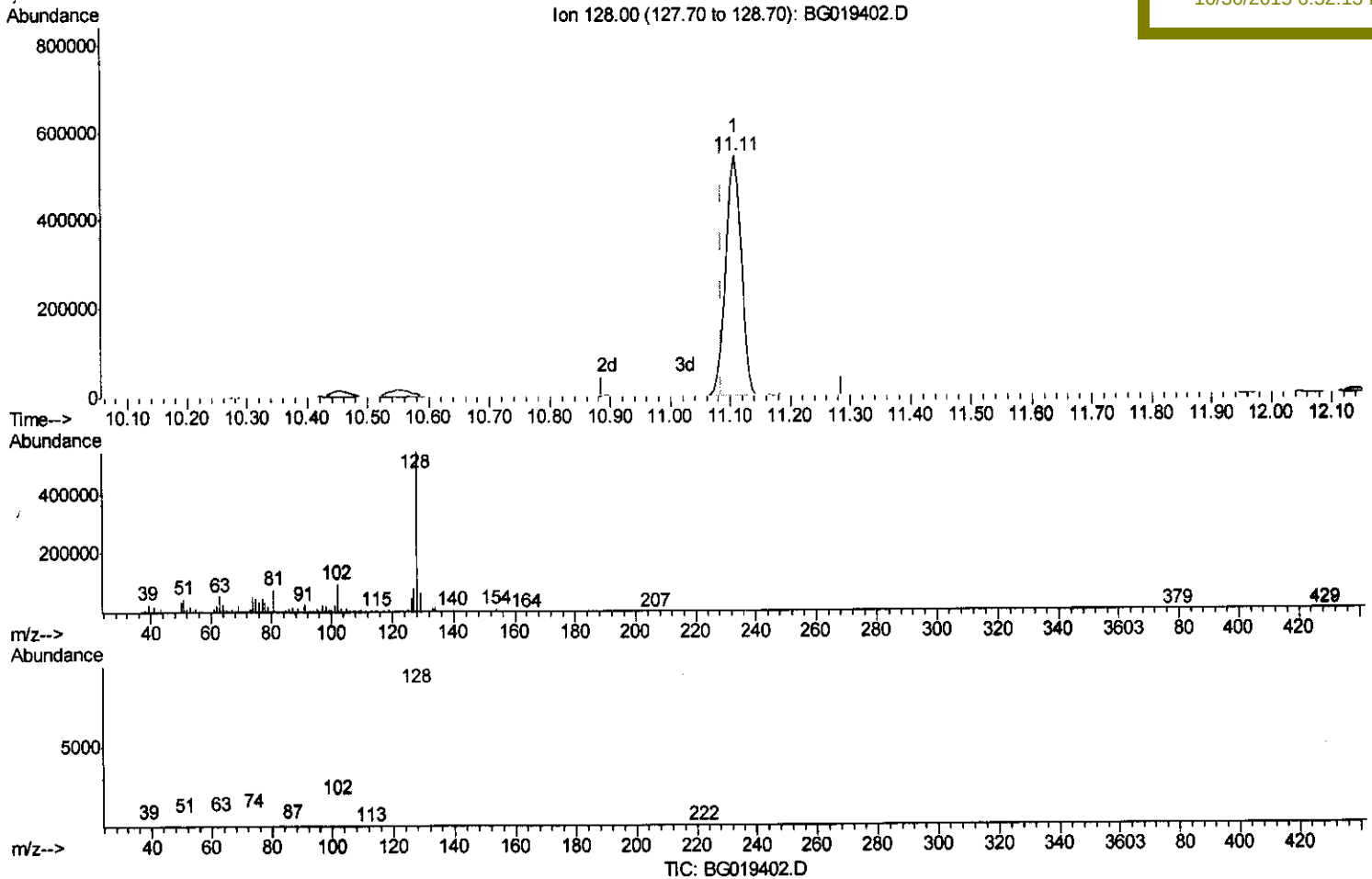
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(28) Naphthalene

11.107min (+0.021) 122.06ng/ul m

response 986032

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	11.65
127.00	16.40	14.61
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

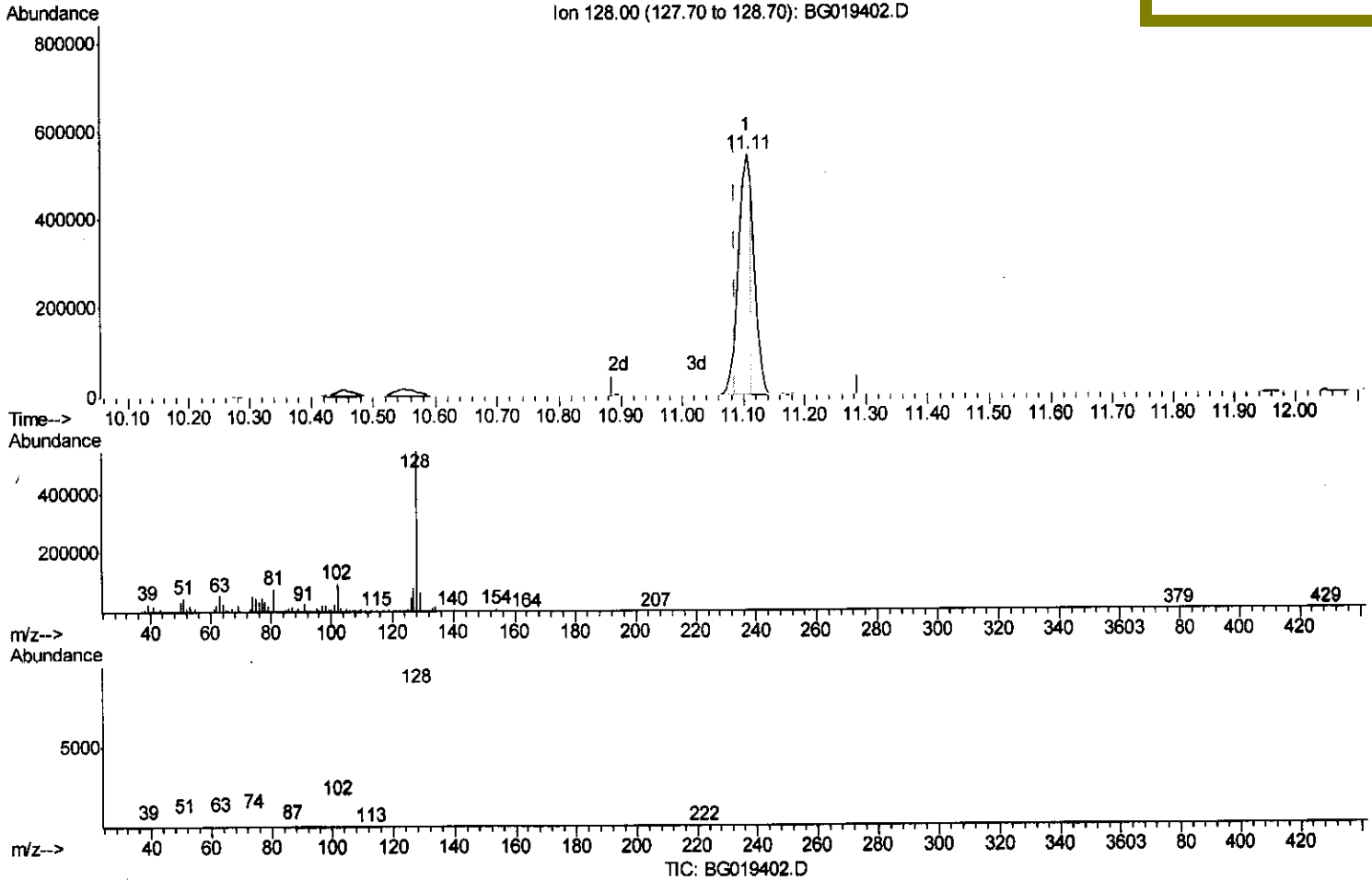
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(28) Naphthalene

11.107min (+0.021) 98.34ng/ul

response 794412

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	11.65
127.00	16.40	14.61
0.00	0.00	0.00

Quantitation Report (Qedit)

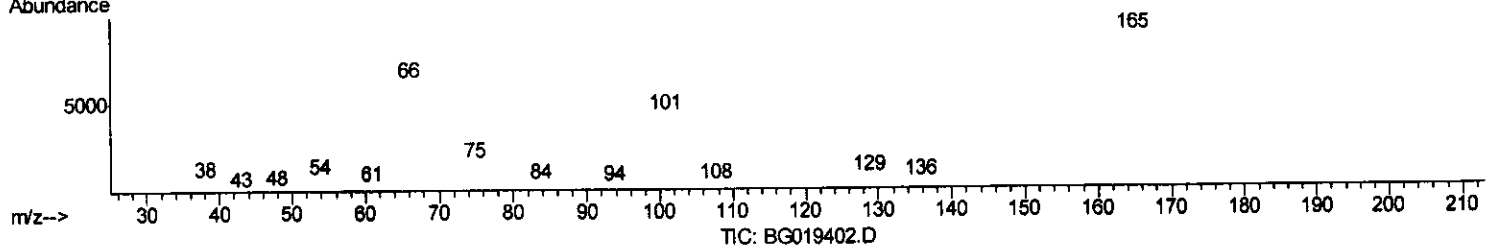
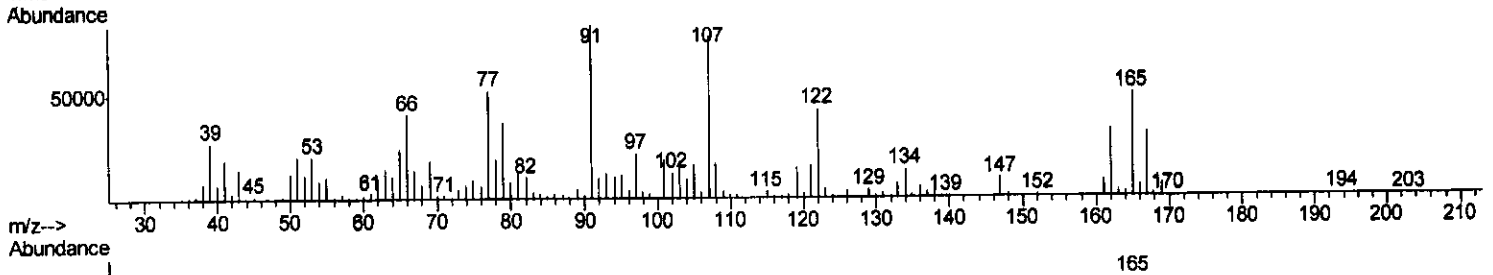
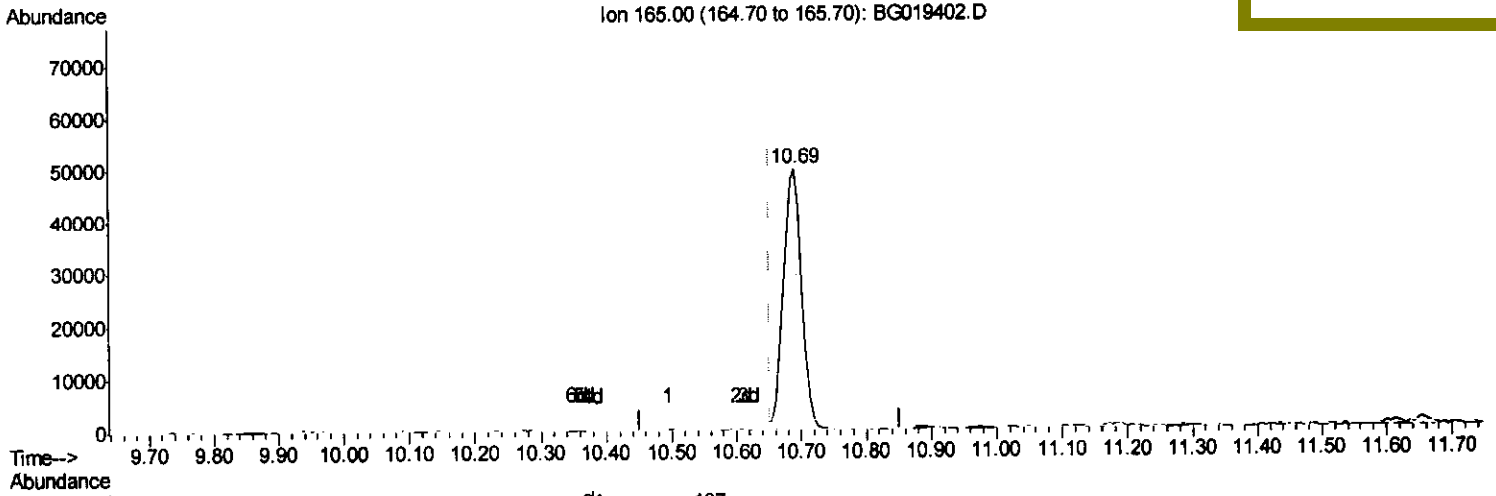
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



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

10.690min (+0.038) 31.91ng/ul m

response 97526

Ion	Exp%	Act%
165.00	100	100
167.00	62.50	62.75
101.00	41.90	37.14
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

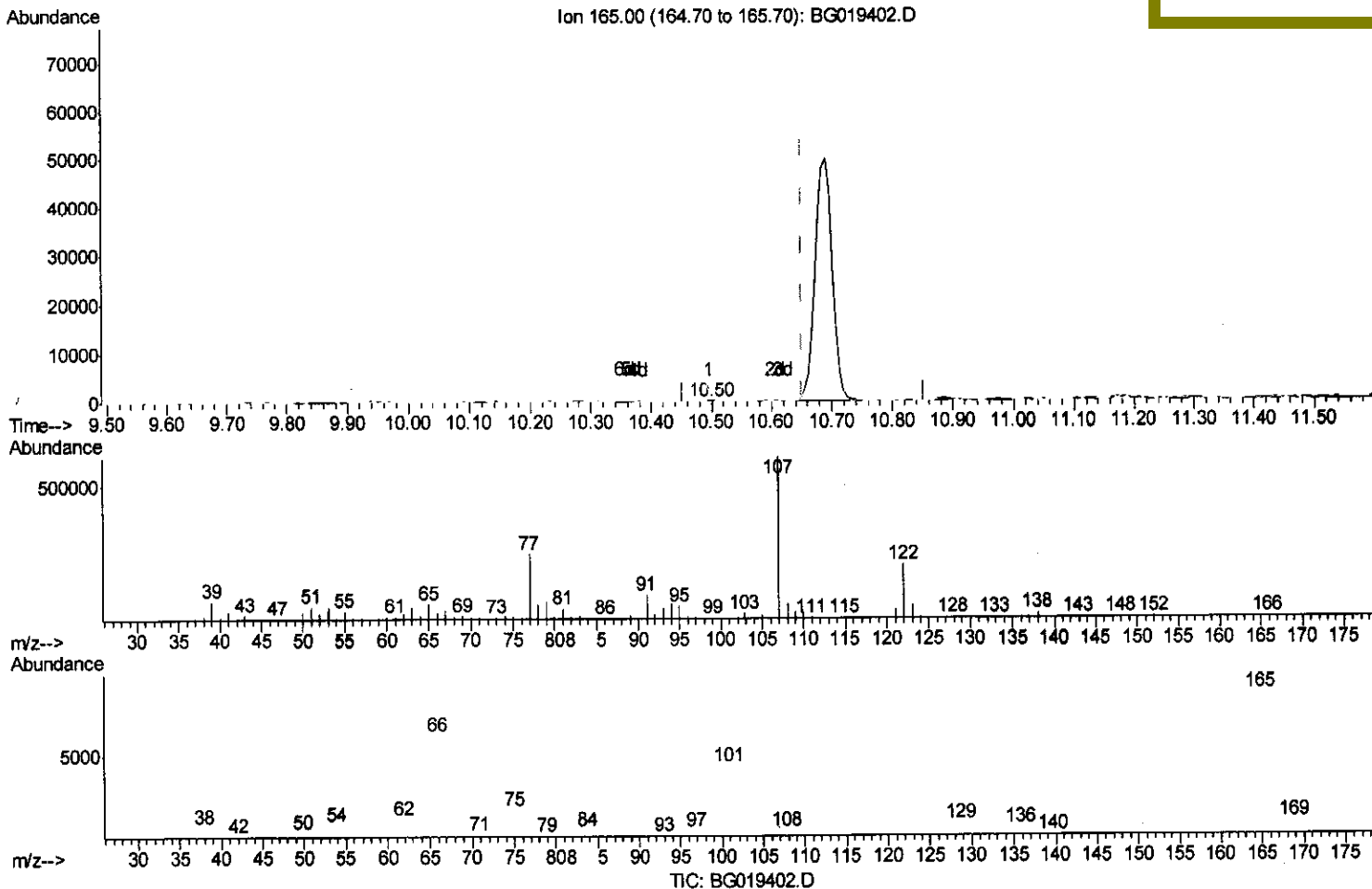
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



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

10.496min (-0.156) 0.04ng/ul

response 137

Ion	Exp%	Act%
165.00	100	100
167.00	62.50	0.00#
101.00	41.90	937.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

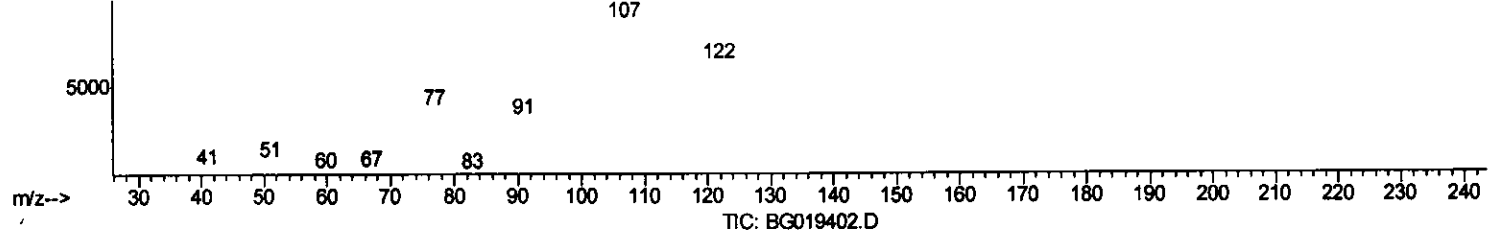
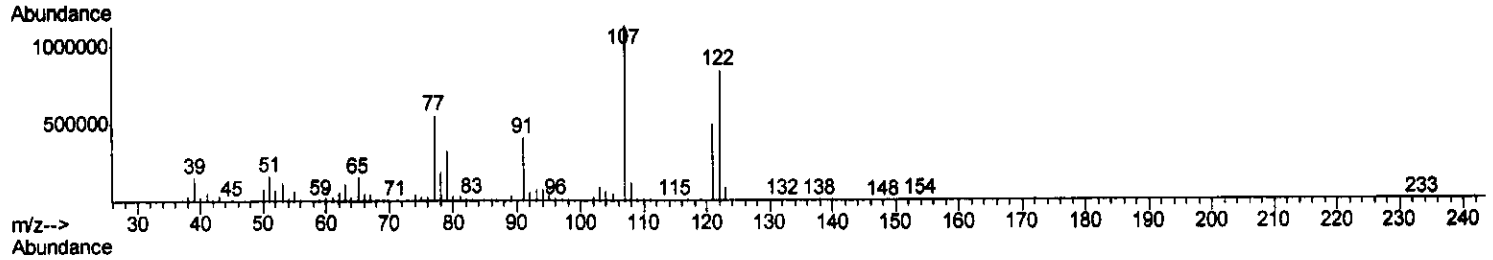
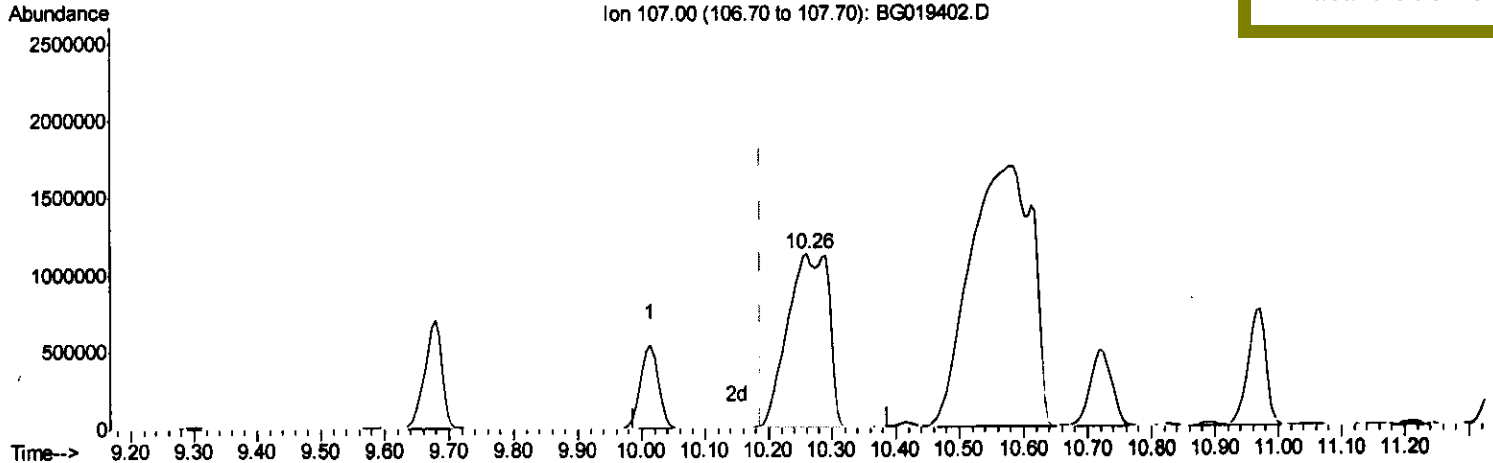
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(24) 2,4-Dimethylphenol

10.261min (+0.073) 1224.57ng/ul m

response 5117312

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	43.87
122.00	67.70	74.06
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

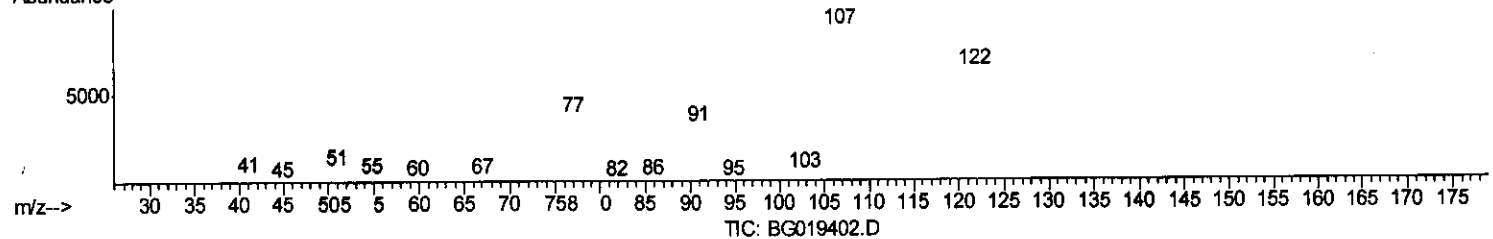
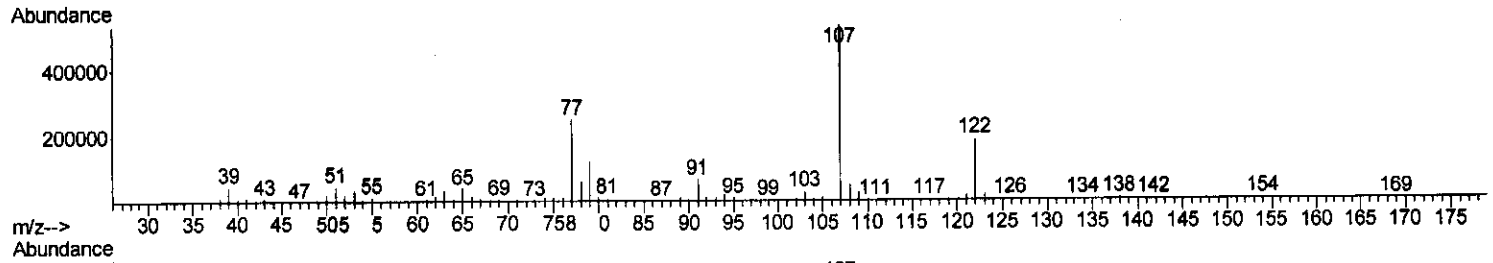
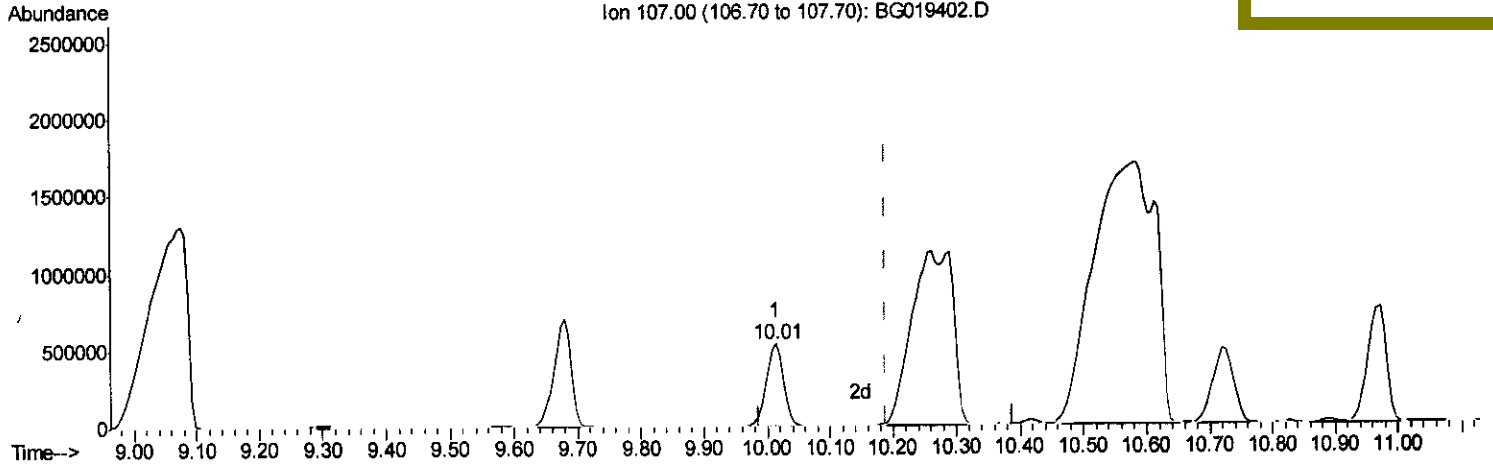
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(24) 2,4-Dimethylphenol

10.014min (-0.173) 247.80ng/ul

response 1035542

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	2.50#
122.00	67.70	34.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

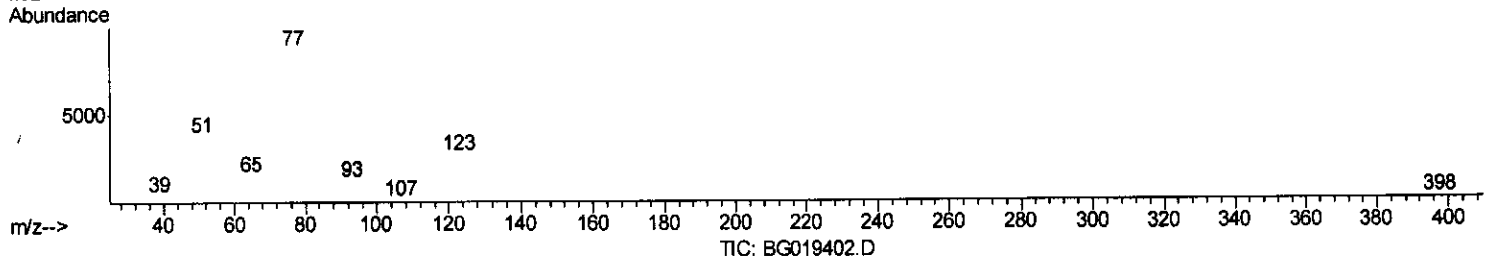
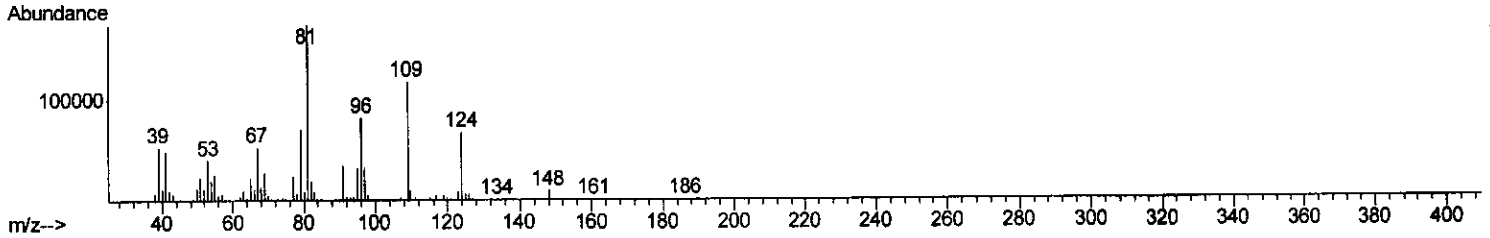
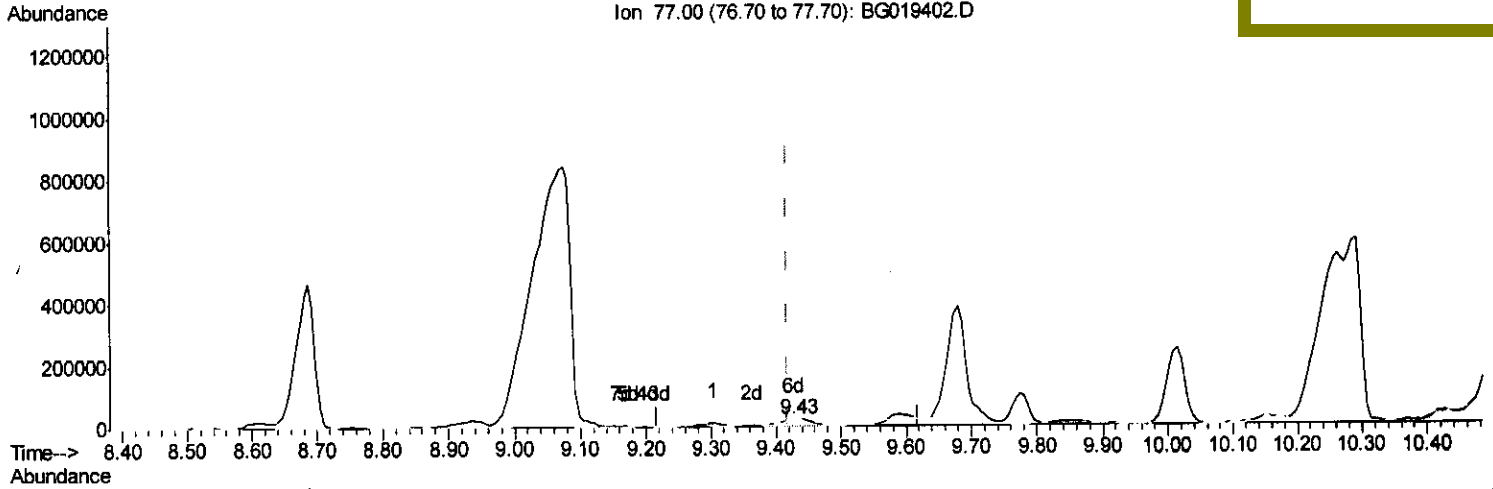
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LS6

Manual Integrations
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Mmdadoda
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Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration



(20) Nitrobenzene

9.427min (+0.009) 17.42ng/ul m

response 80828

Ion	Exp%	Act%
77.00	100	100
123.00	29.30	34.98
65.00	14.50	89.41#
0.00	0.00	0.00

V.M
 10/31/15

Quantitation Report (Qedit)

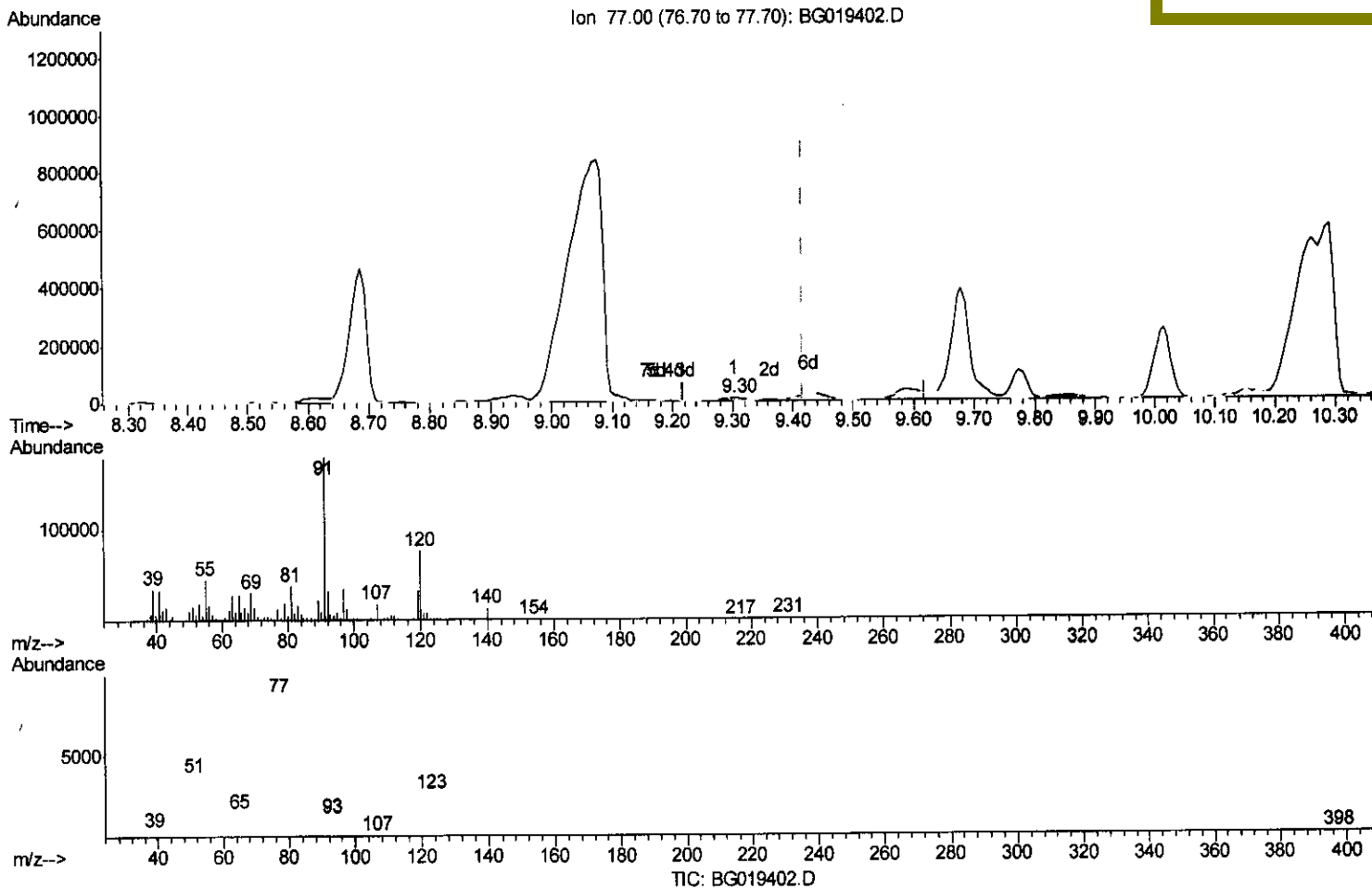
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(20) Nitrobenzene
 9.303min (-0.115) 4.63ng/ul
 response 21469

Ion	Exp%	Act%
77.00	100	100
123.00	29.30	11.27#
65.00	14.50	215.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

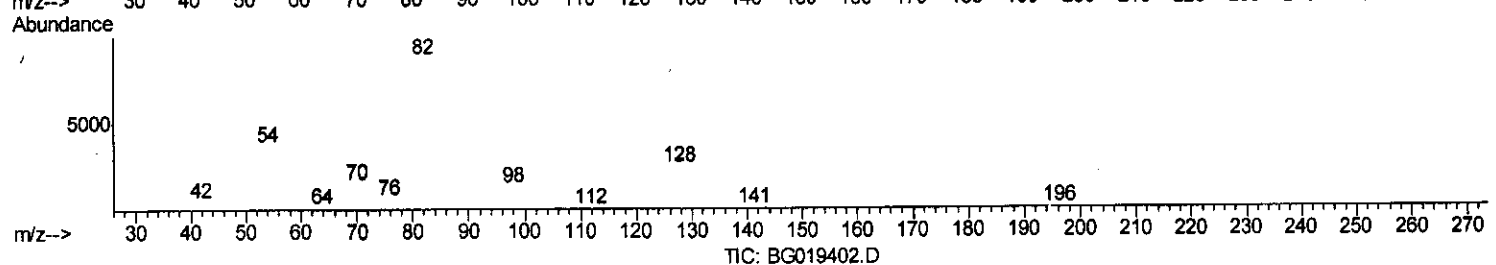
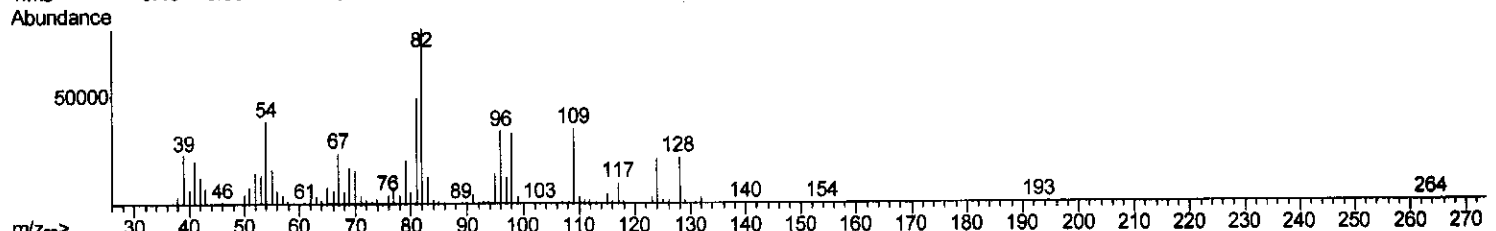
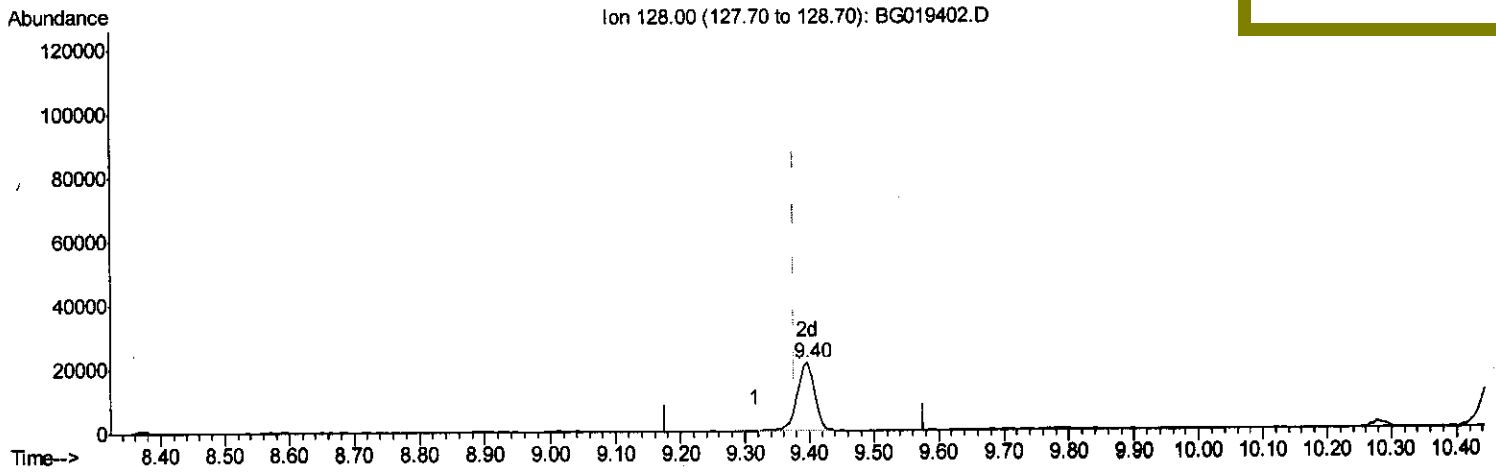
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(19) Nitrobenzene-d5 (S)

9.397min (+0.021) 34.92ng/ul m

response 41429

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	379.92
54.00	138.70	179.09#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

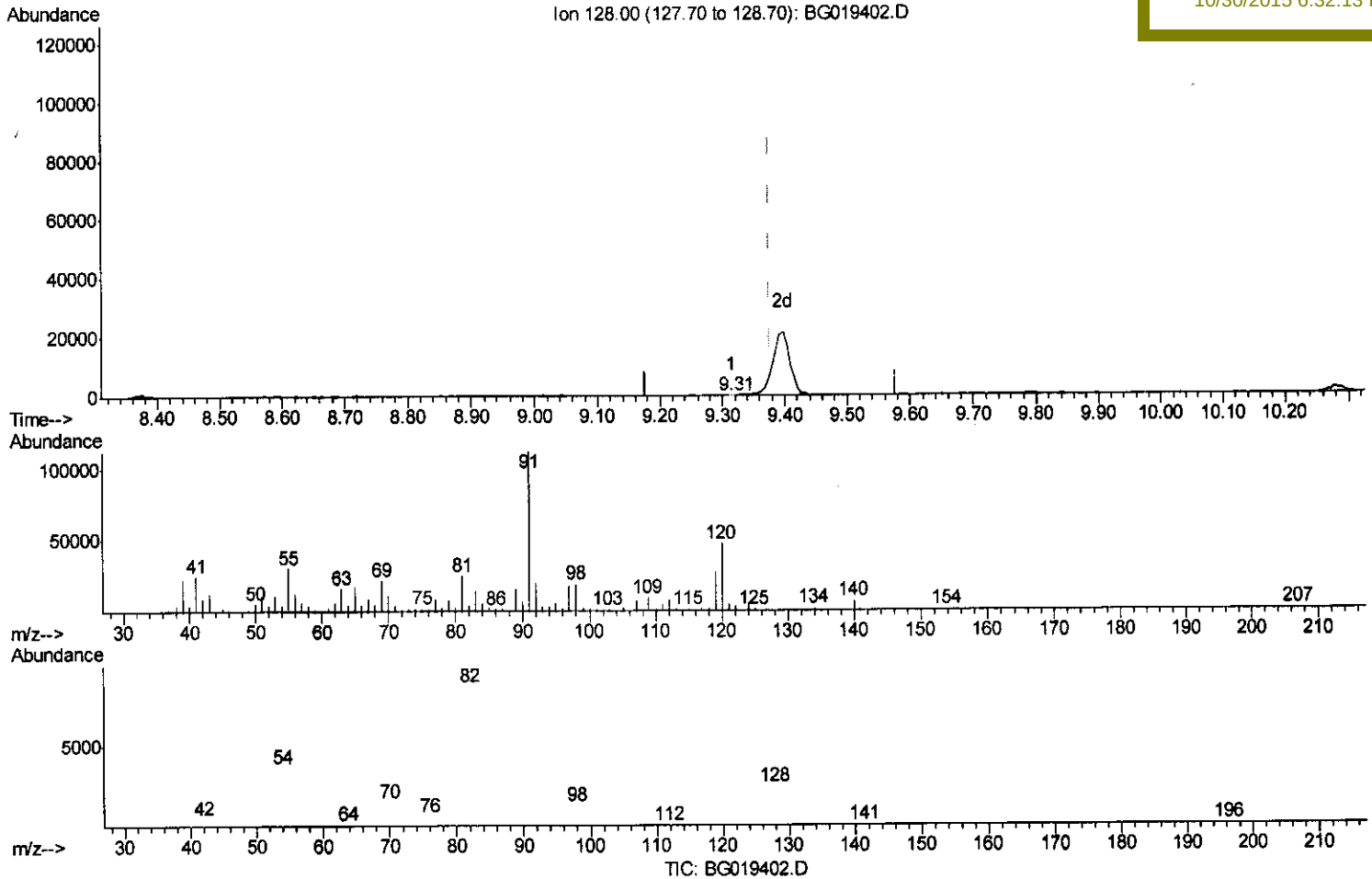
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:55:08 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(19) Nitrobenzene-d5 (S)
 9.315min (-0.062) 0.06ng/ul
 response 68

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	1883.42#
54.00	138.70	2033.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

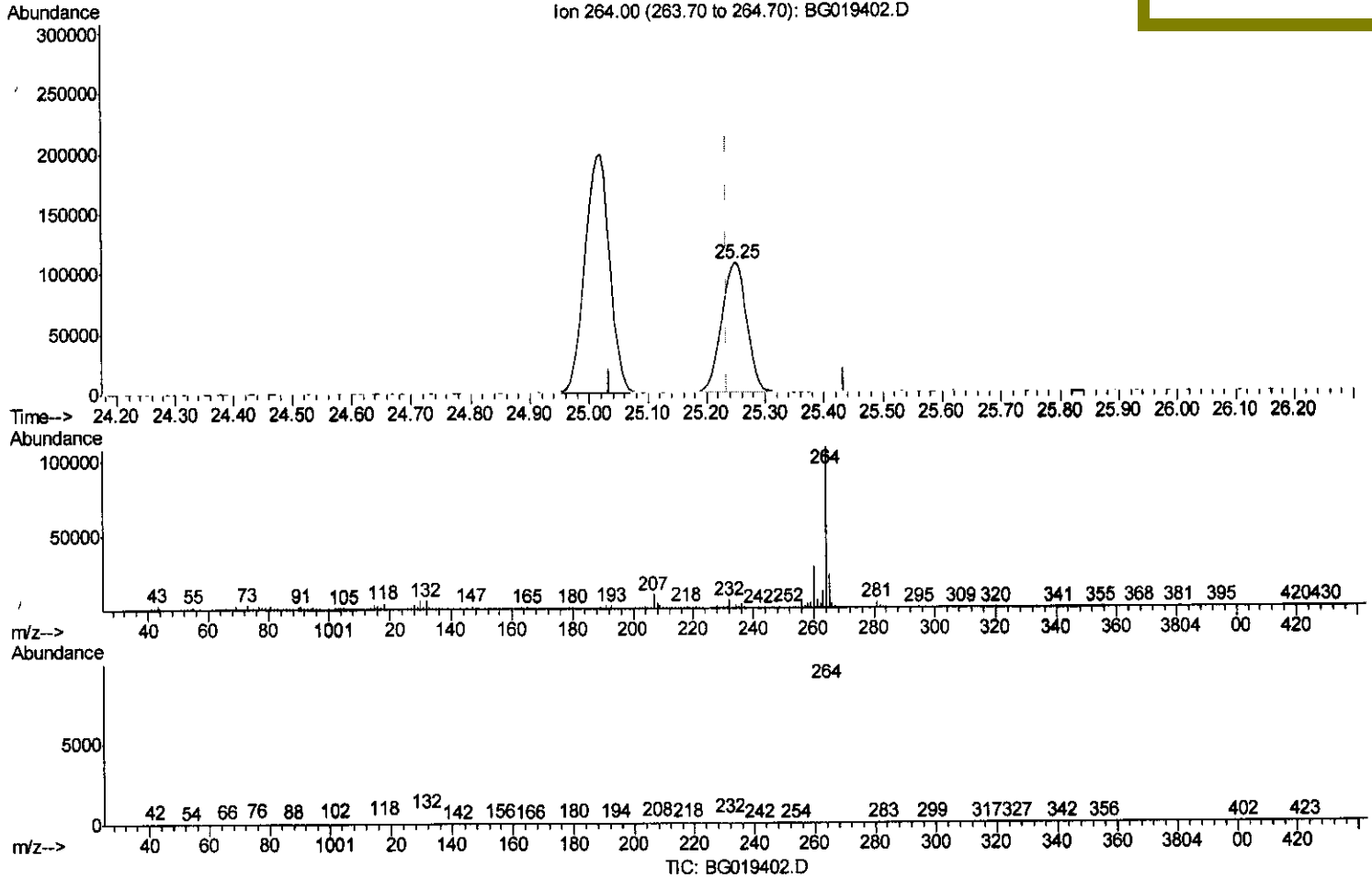
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(86) Perylene-d12 (I)

25.249min (+0.015) 20.00ng/ul m

response 325636

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	25.98
265.00	20.90	21.11
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

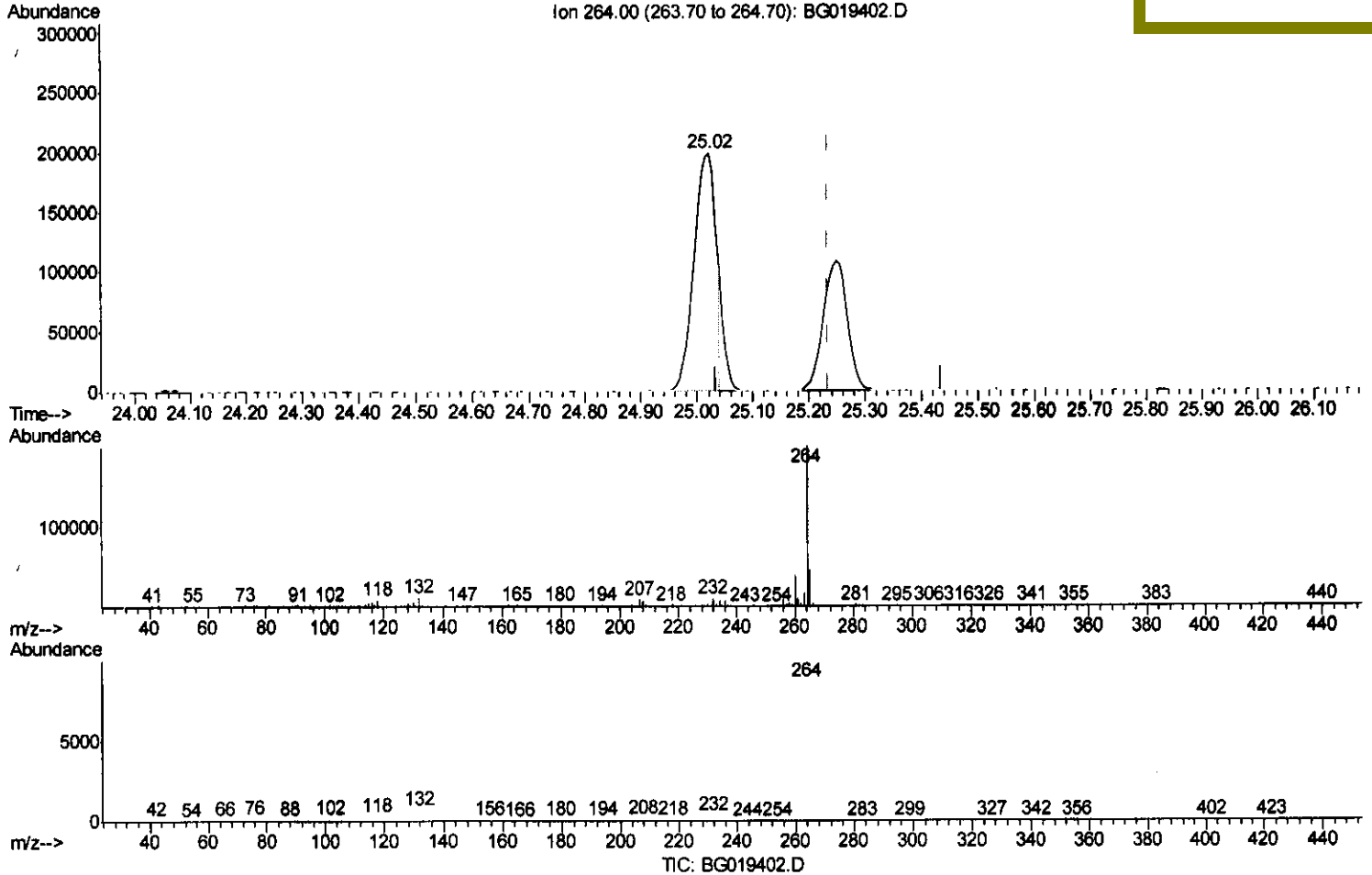
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(86) Perylene-d12 (I)

25.020min (-0.214) 20.00ng/ul

response 534001

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	19.40#
265.00	20.90	22.85
0.00	0.00	0.00

Quantitation Report (Qedit)

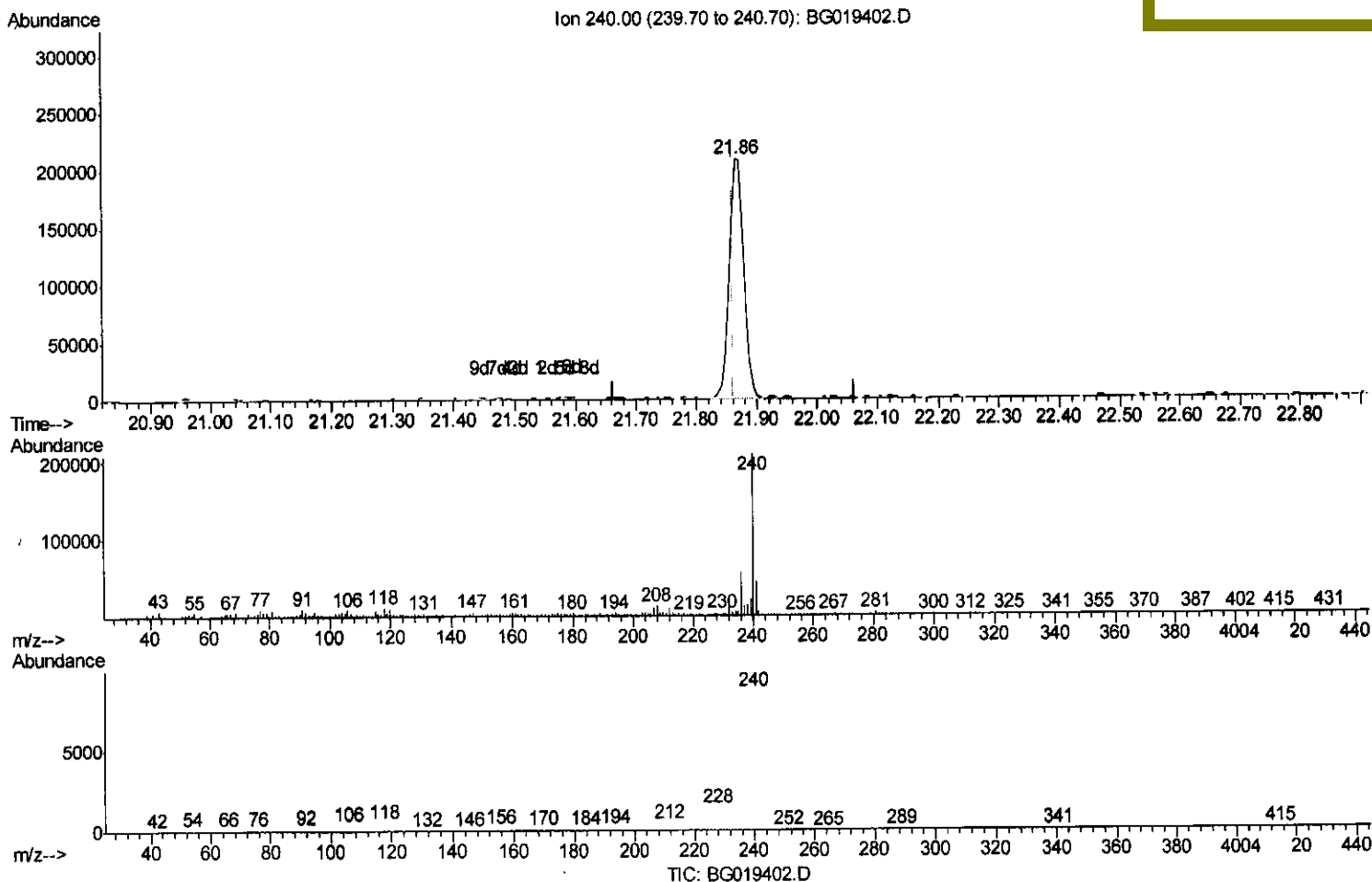
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LS6

Quant Time: Oct 29 06:50:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
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(78) Chrysene-d12 (I)

21.865min (+0.003) 20.00ng/ul m

response 350920

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	4.58#
236.00	26.20	26.50
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

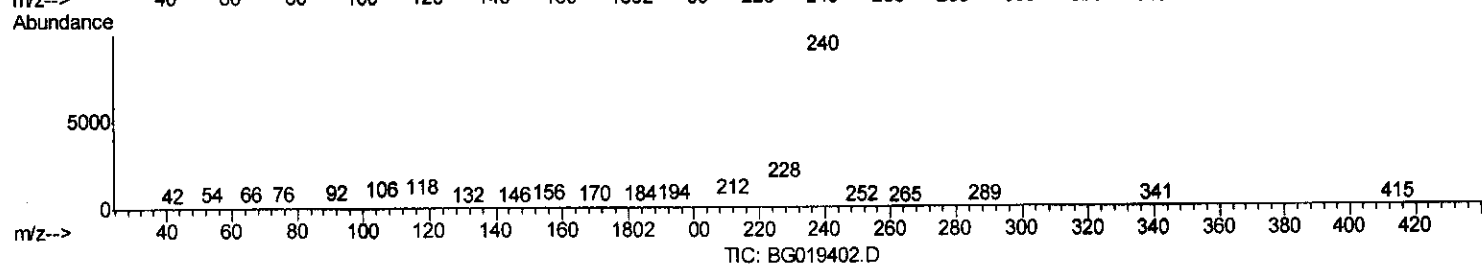
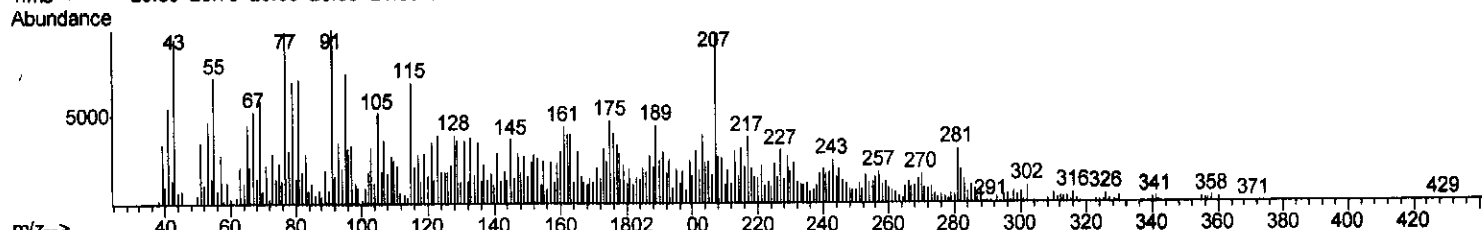
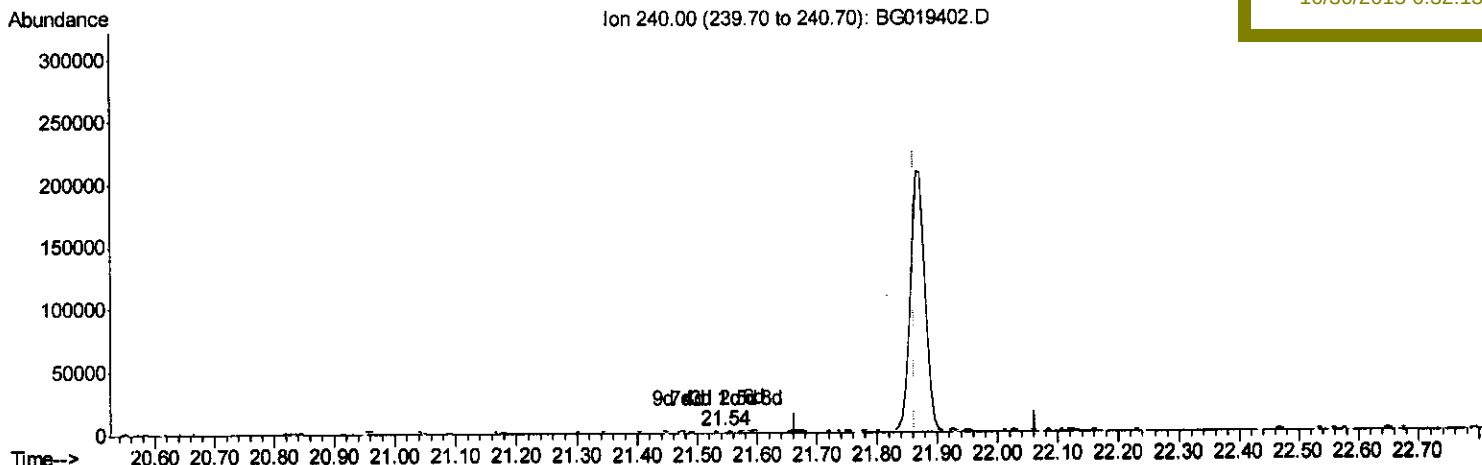
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(78) Chrysene-d12 (I)

21.542min (-0.320) 20.00ng/ul

response 856

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	82.72#
236.00	26.20	40.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

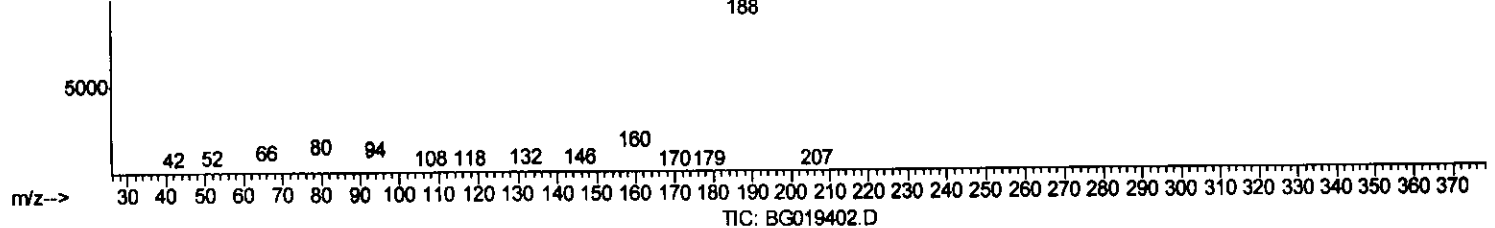
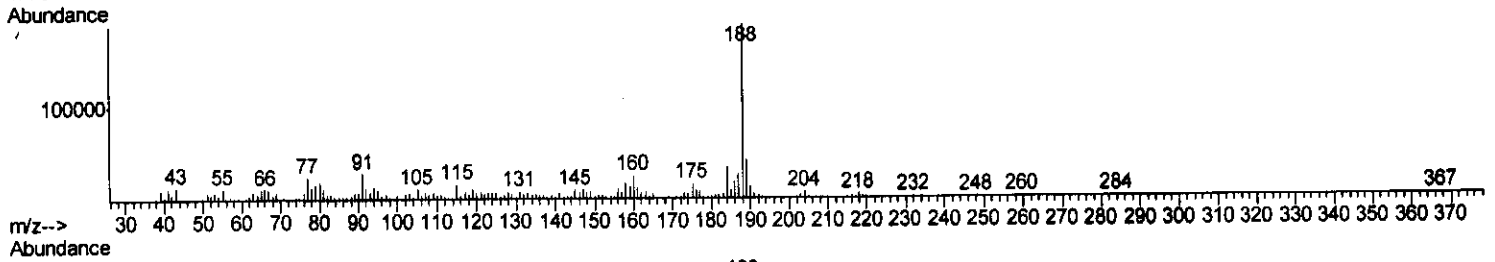
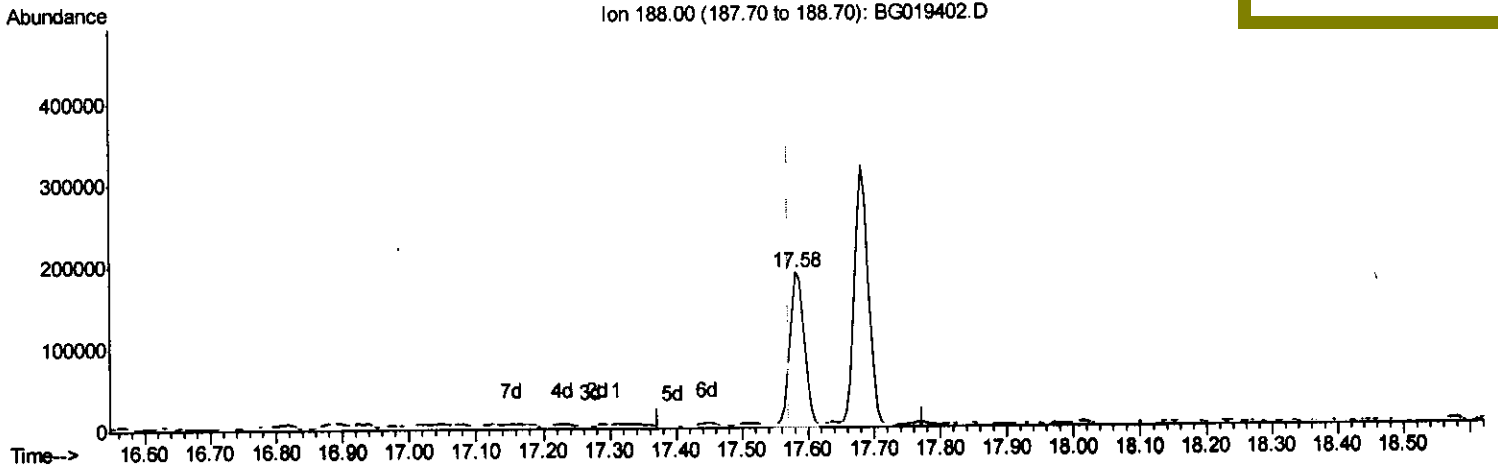
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(62) Phenanthrene-d10 (I)

17.582min (+0.009) 20.00ng/ul m

response 296119

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	7.20#
80.00	7.20	9.60#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

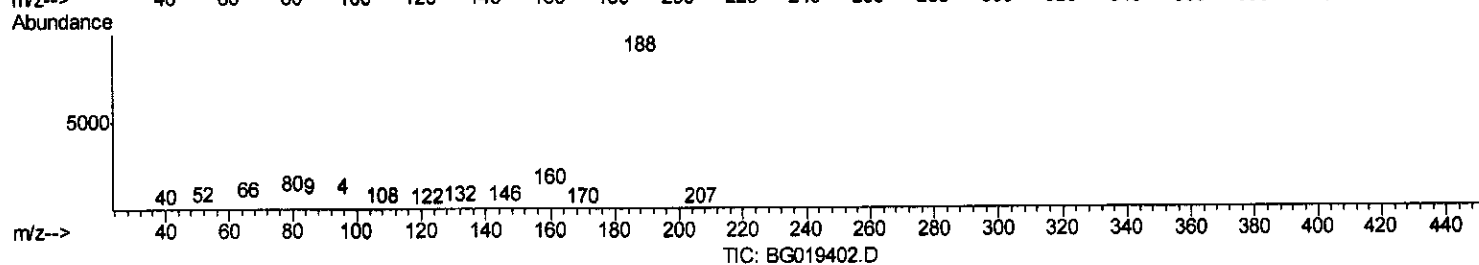
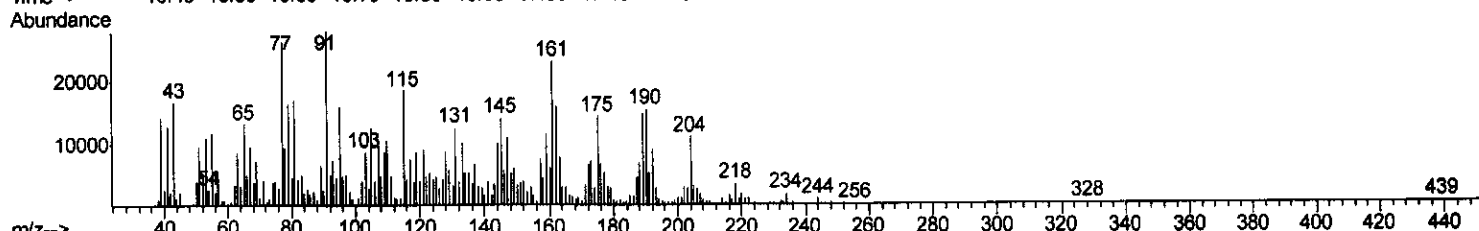
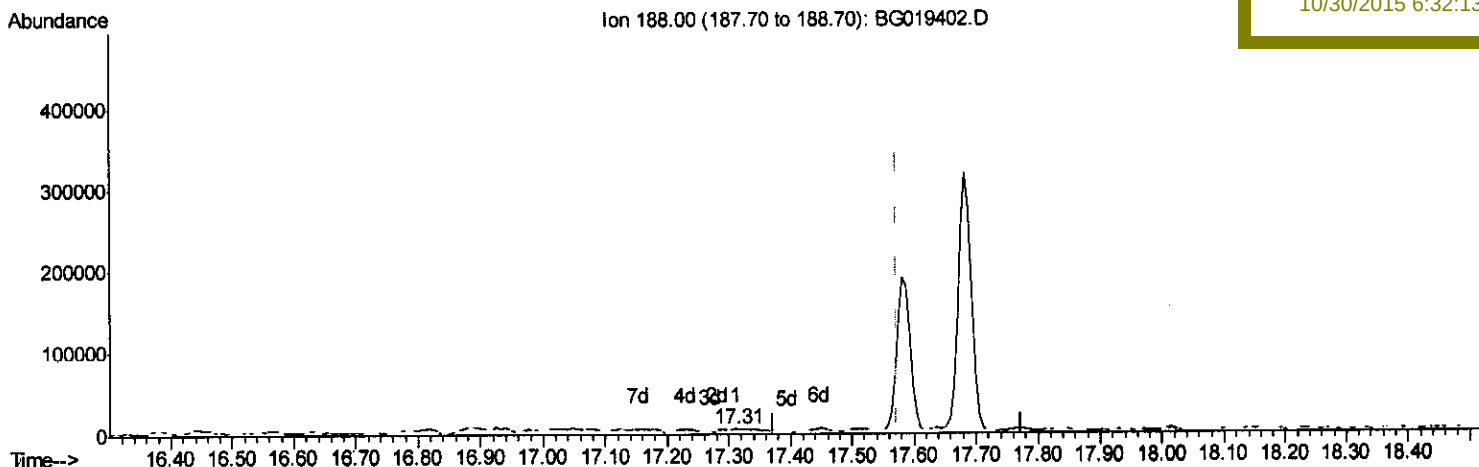
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(62) Phenanthrene-d10 (I)

17.311min (-0.261) 20.00ng/ul

response 1244

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	66.84#
80.00	7.20	66.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

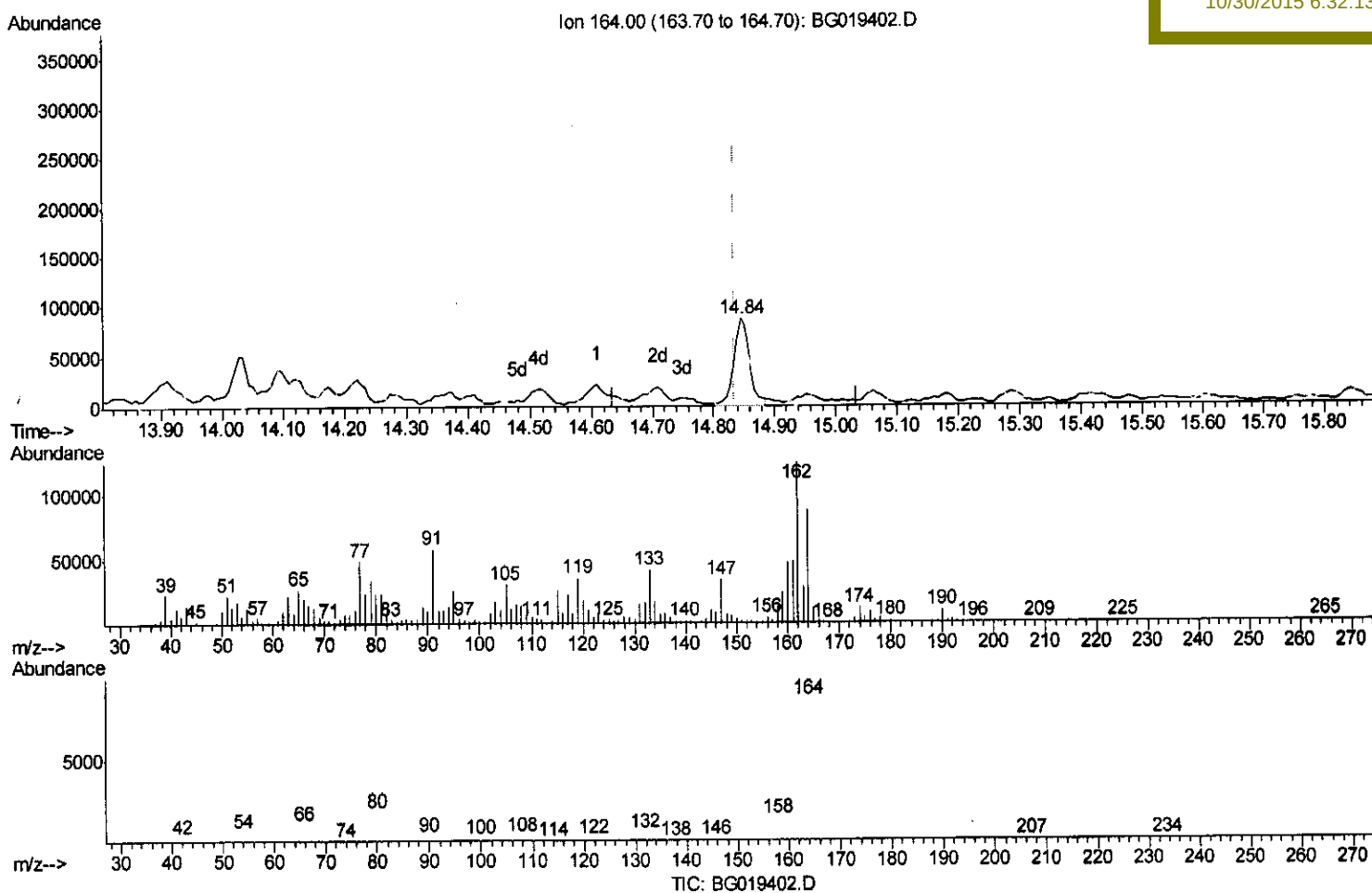
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019402.D
Acq On : 29 Oct 2015 4:42
Operator : UM/NP
Sample : G4120-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
E5LS6

Quant Time: Oct 29 06:50:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(36) Acenaphthene-d10 (I)

14.844min (+0.009) 20.00ng/ul m

response 156591

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	142.98#
160.00	41.90	54.31#
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

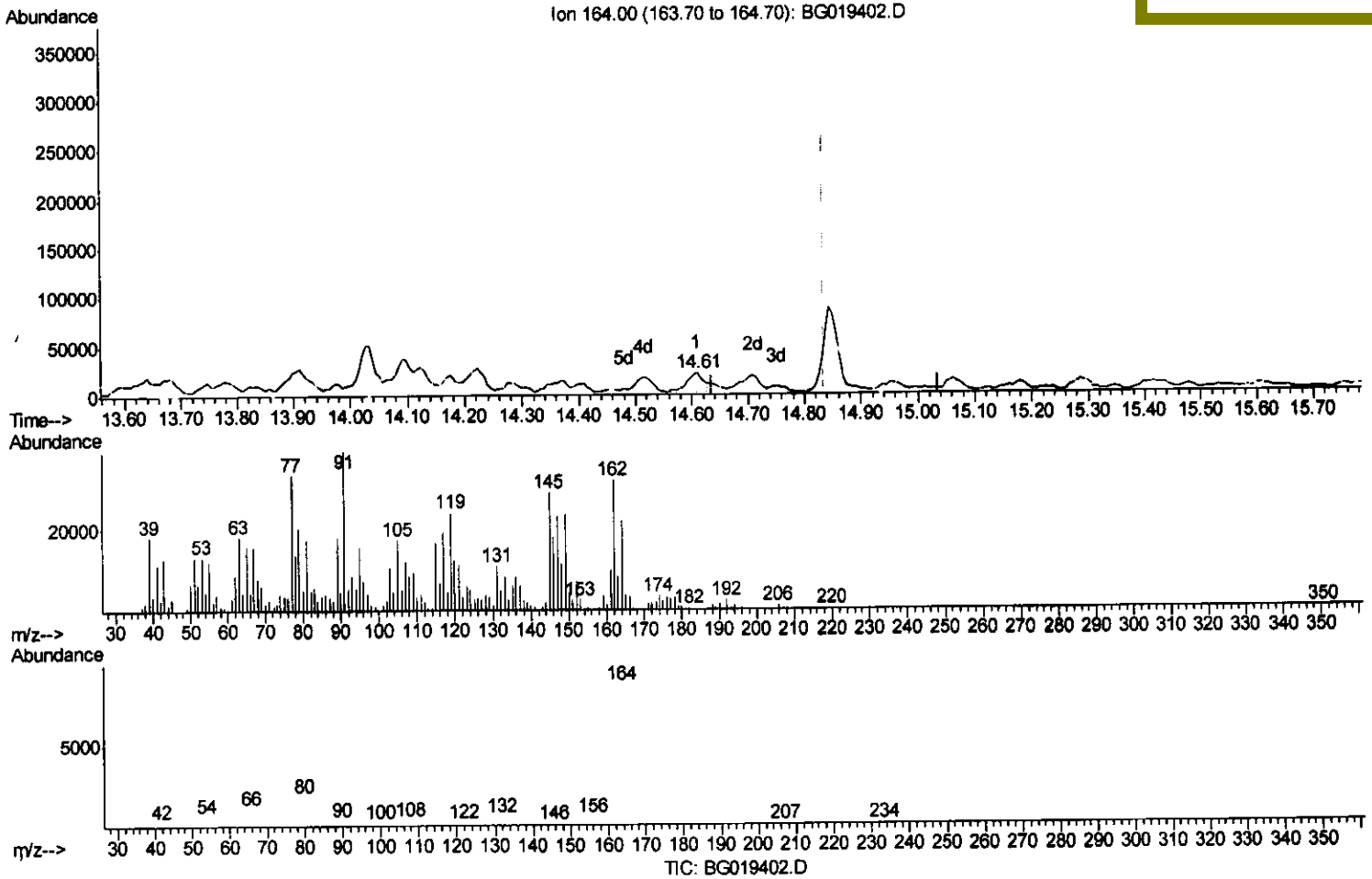
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(36) Acenaphthene-d10 (I)

14.609min (-0.226) 20.00ng/ul

response 37952

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	145.31#
160.00	41.90	7.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

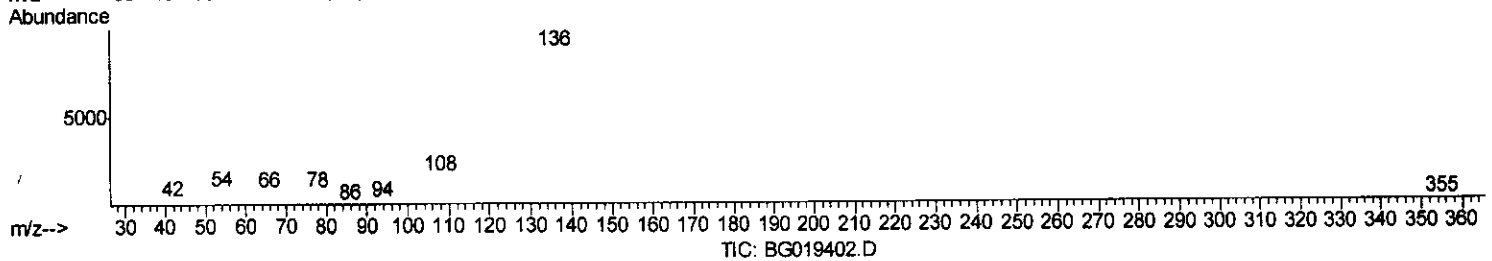
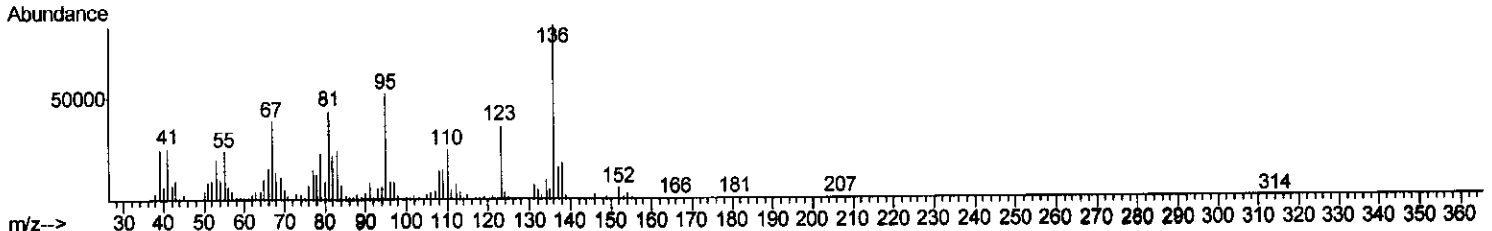
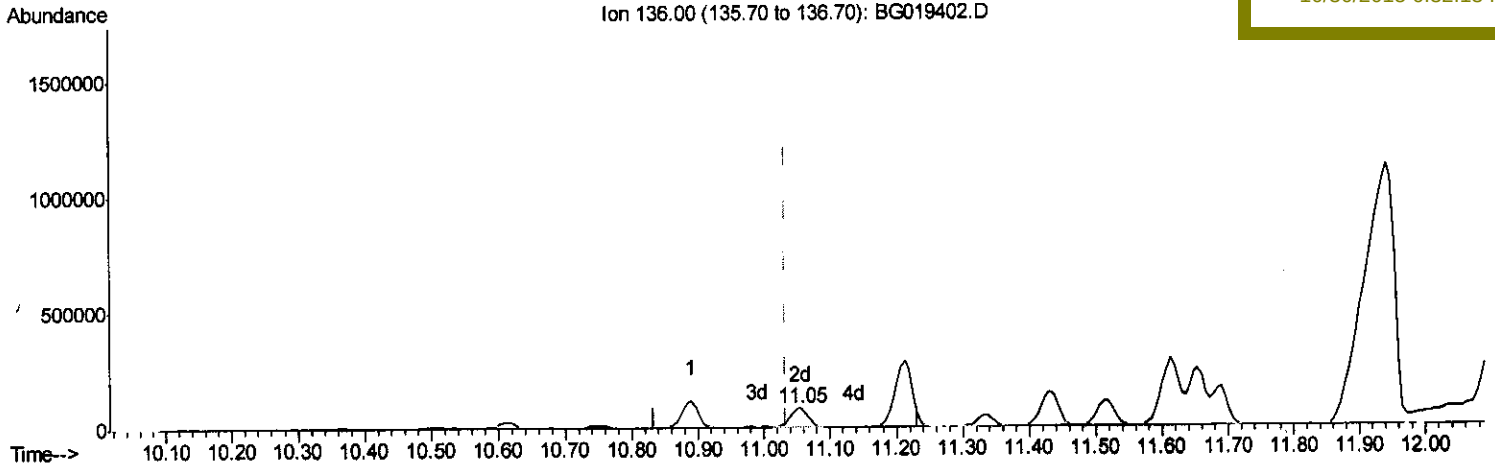
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(18) Naphthalene-d8 (I)

11.054min (+0.021) 20.00ng/ul m

response 161454

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	16.24#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

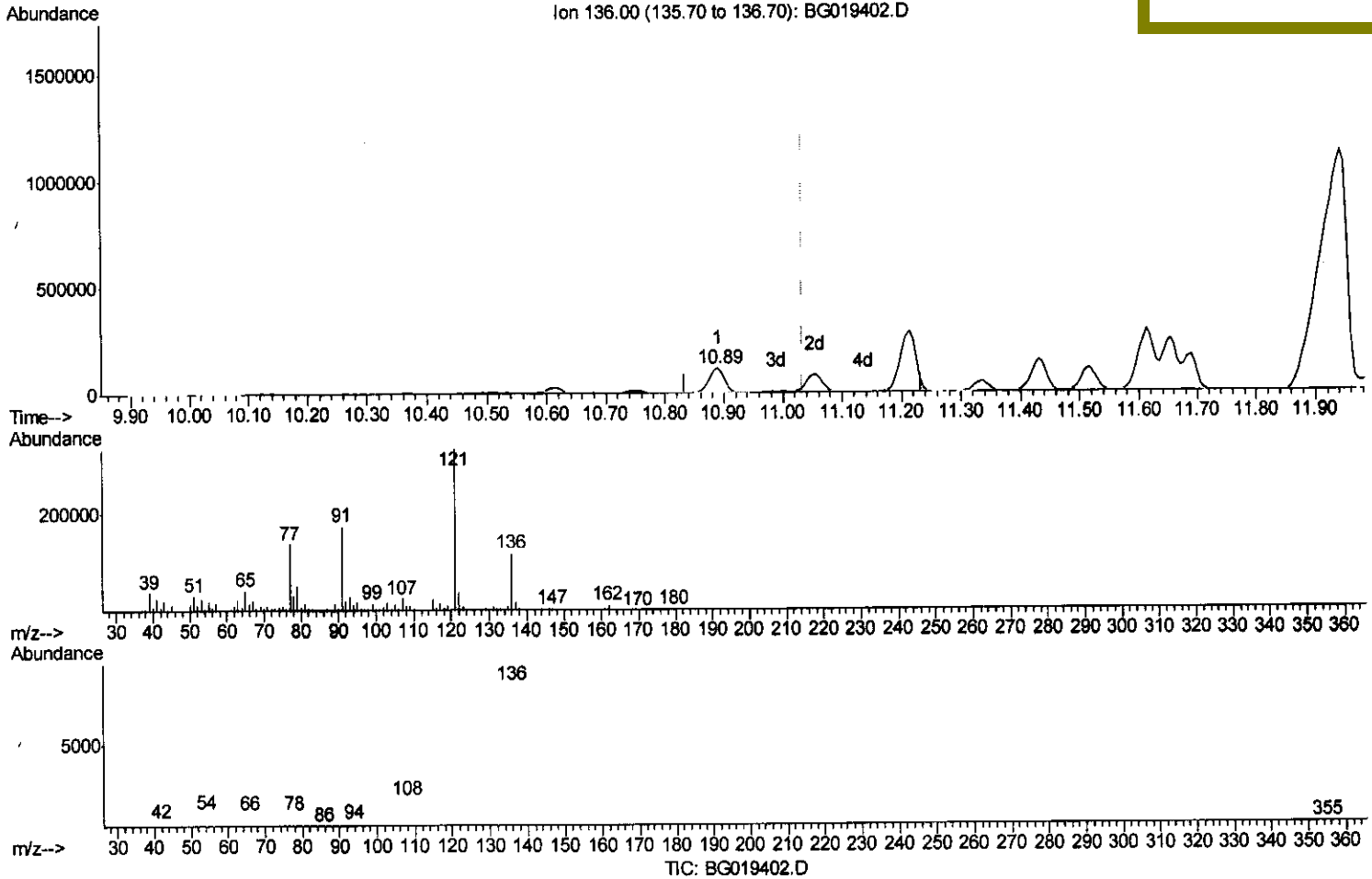
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 06:50:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM



(18) Naphthalene-d8 (I)

10.890min (-0.144) 20.00ng/ul

response 202169

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	5.06
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019402.D
 Acq On : 29 Oct 2015 4:42
 Operator : UM/NP
 Sample : G4120-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6

Quant Time: Oct 29 07:13:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	40138	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	161454m	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.84	164	156591m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	296119m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	350920m	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	325636m	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	17694	21.11	ng/uL	0.00
5) Phenol-d5	7.37	99	29797	8.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.52	67	74558	31.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	62803	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	55642	18.96	ng/ul	0.04
19) Nitrobenzene-d5	9.40	128	41429m	34.92	ng/ul	0.02
22) 2-Nitrophenol-d4	10.12	143	48085	34.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.69	165	97526m	31.91	ng/ul	0.04
29) 4-Chloroaniline-d4	11.20	131	45091m	14.59	ng/ul	0.04
44) Dimethylphthalate-d6	14.26	166	319012m	24.71	ng/ul	0.03
47) Acenaphthylene-d8	14.54	160	394554m	27.59	ng/ul	0.01
52) 4-Nitrophenol-d4	15.10	143	12968m	6.32	ng/ul	0.09
58) Fluorene-d10	15.83	176	353762m	29.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	72919m	38.05	ng/ul	0.02
71) Anthracene-d10	17.68	188	473200m	35.06	ng/ul	0.00
79) Pyrene-d10	19.96	212	531512m	34.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	579761m	35.48	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.40	94	425365	108.37	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.61	93	4102	1.52	ng/ul#	72
11) 2-Methylphenol	8.69	108	1405186	484.05	ng/ul	97
16) 4-Methylphenol	9.07	108	5249299	1655.94	ng/ul	95
20) Nitrobenzene	9.43	77	80828m	17.42	ng/ul	
24) 2,4-Dimethylphenol	10.26	107	5117312m	1224.57	ng/ul	
28) Naphthalene	11.11	128	986032m	122.06	ng/ul	
34) 2-Methylnaphthalene	12.69	142	116706m	17.98	ng/ul	
35) 1-Methylnaphthalene	12.91	142	102329m	16.66	ng/ul	
41) 1,1'-Biphenyl	13.68	154	32792m	2.96	ng/ul	
50) Acenaphthene	14.91	153	13203m	1.33	ng/ul	
54) Dibenzofuran	15.24	168	27564m	1.89	ng/ul	
57) Diethylphthalate	15.64	149	54543m	4.18	ng/ul	
59) Fluorene	15.89	166	15738m	1.24	ng/ul	

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