

Quantitation Report (Qedit)

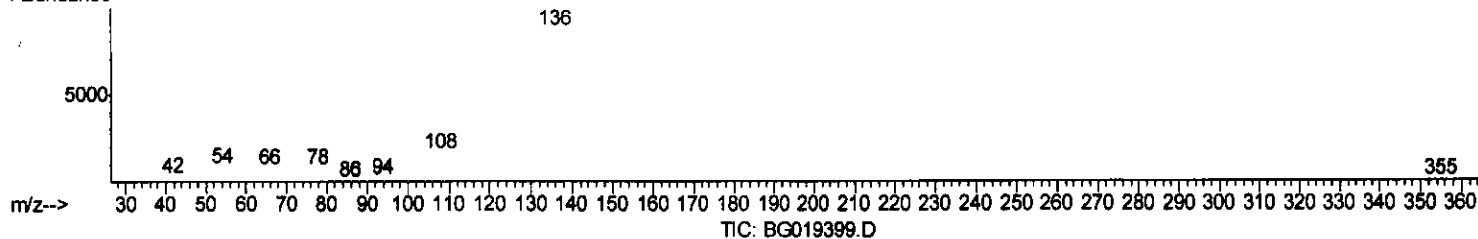
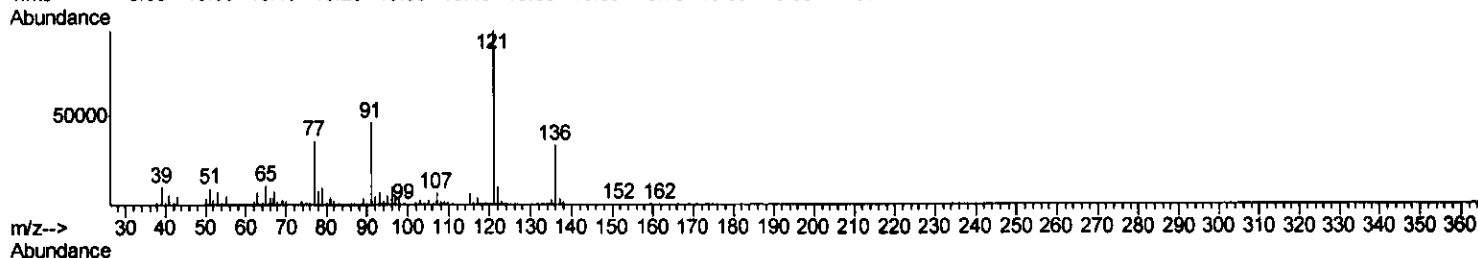
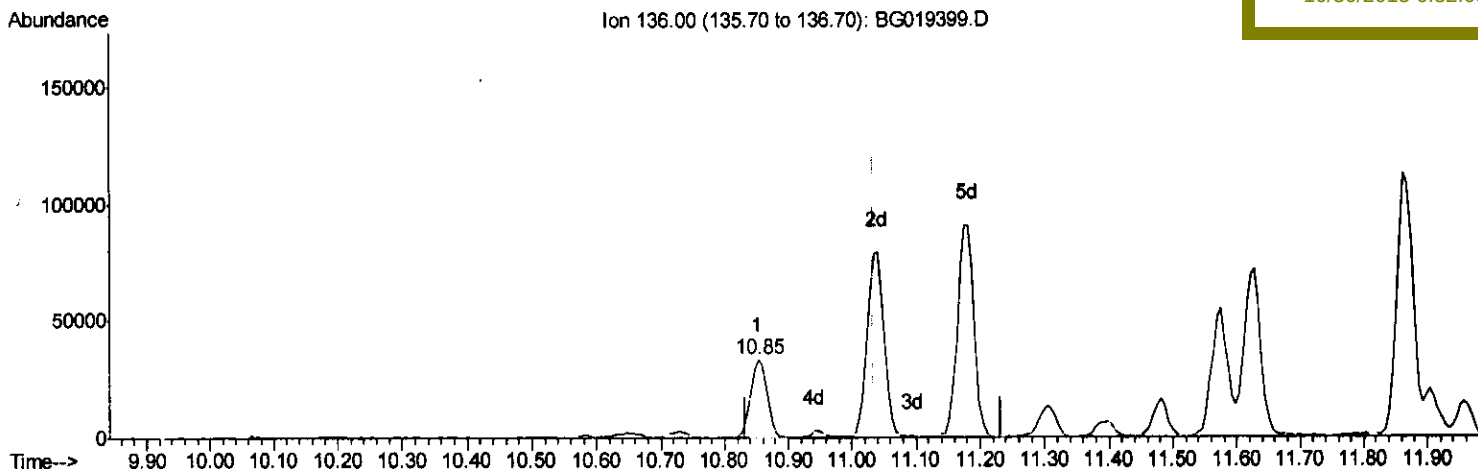
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(18) Naphthalene-d8 (I)

10.852min (-0.181) 20.00ng/ul

response 49071

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	5.62
0.00	0.00	0.00
0.00	0.00	0.00

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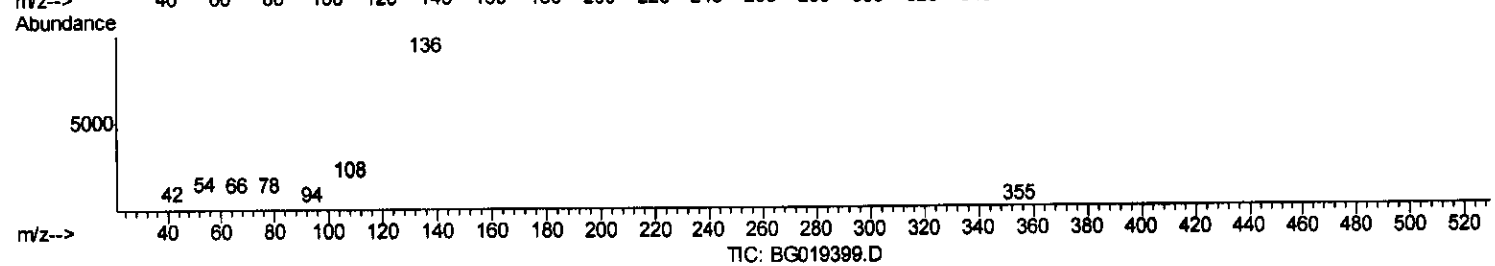
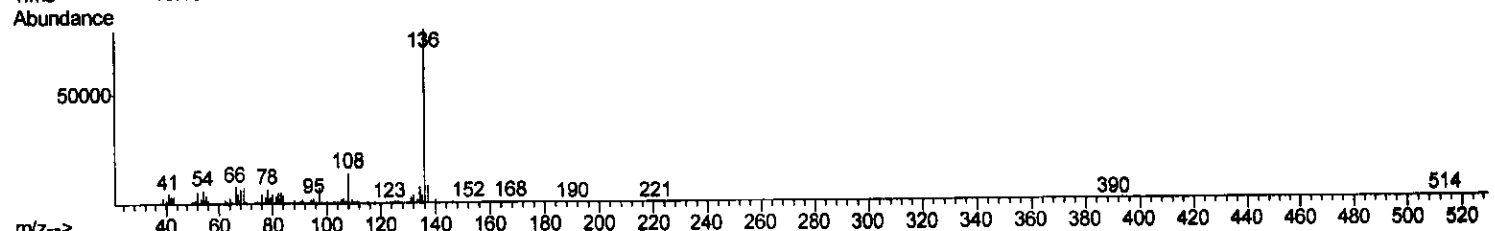
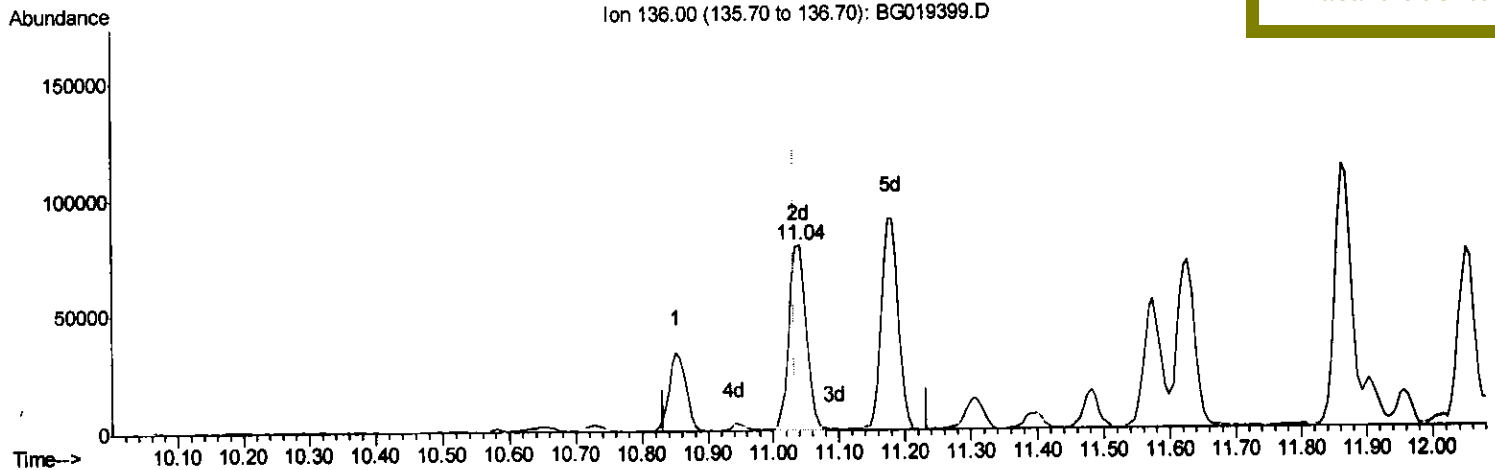
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
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 Acq On : 29 Oct 2015 2:46
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(18) Naphthalene-d8 (I)

11.040min (+0.007) 20.00ng/ul m

response 144465

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	8.54#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

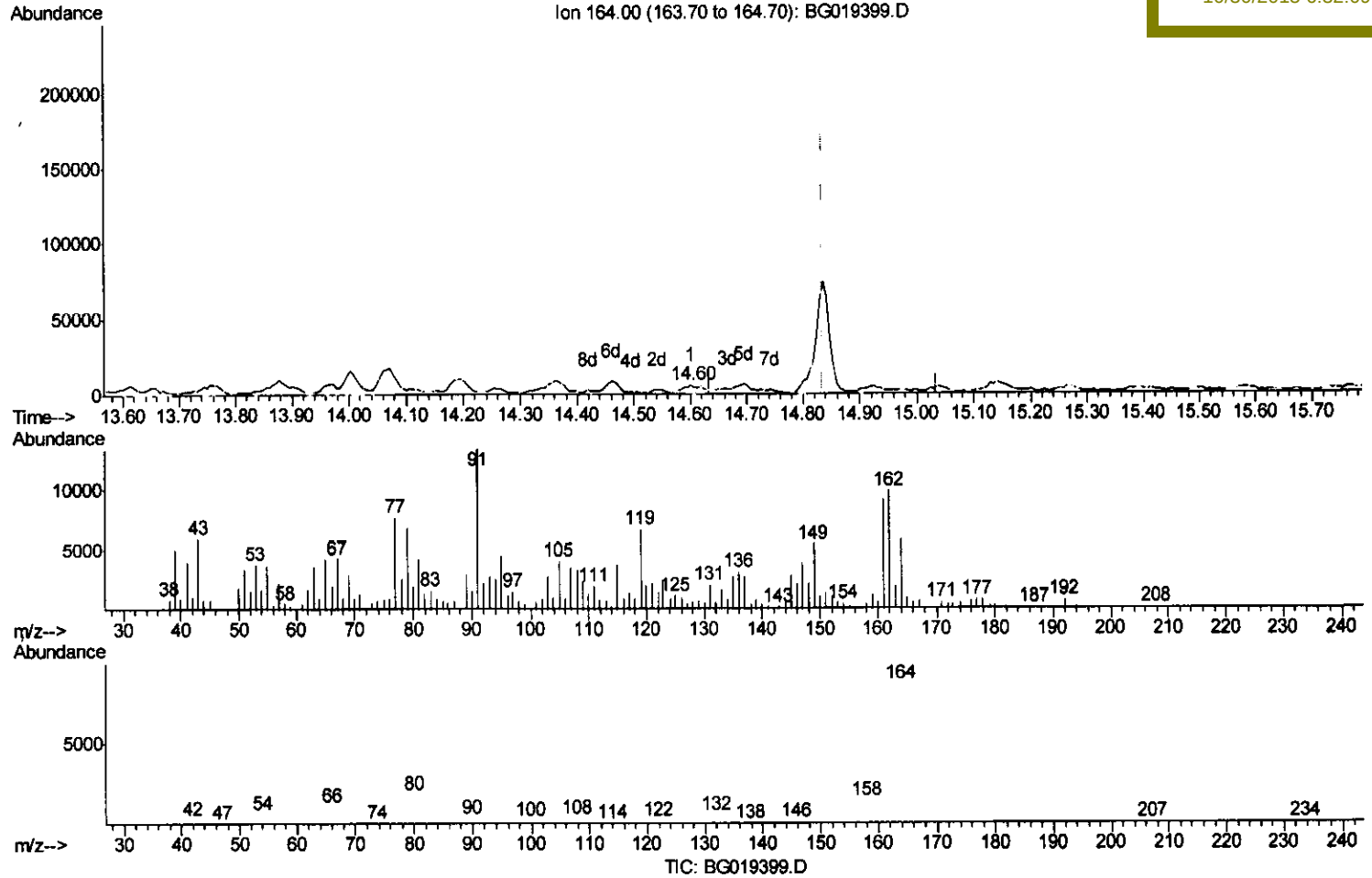
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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(36) Acenaphthene-d10 (I)

14.601min (-0.234) 20.00ng/ul

response 8366

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	167.33#
160.00	41.90	12.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

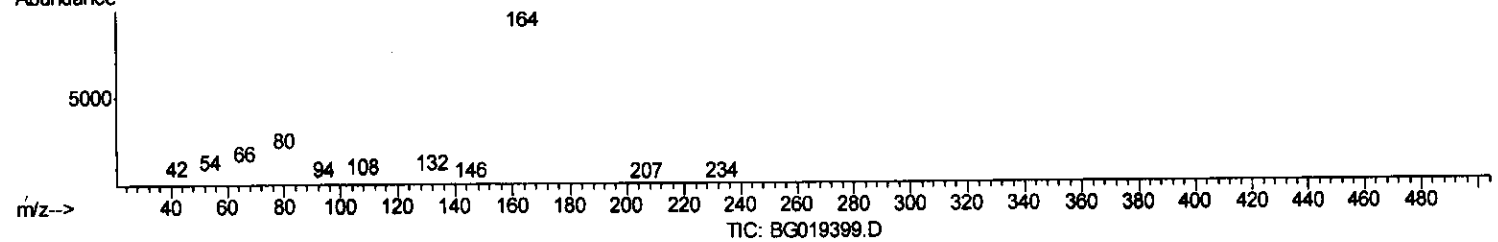
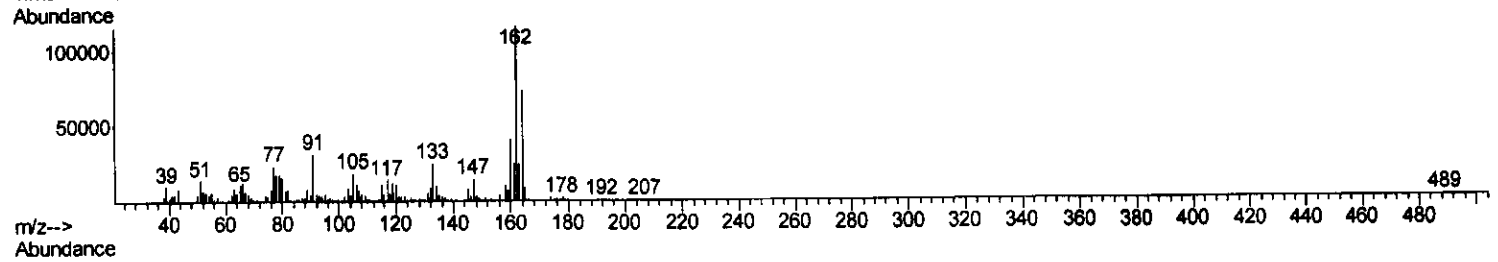
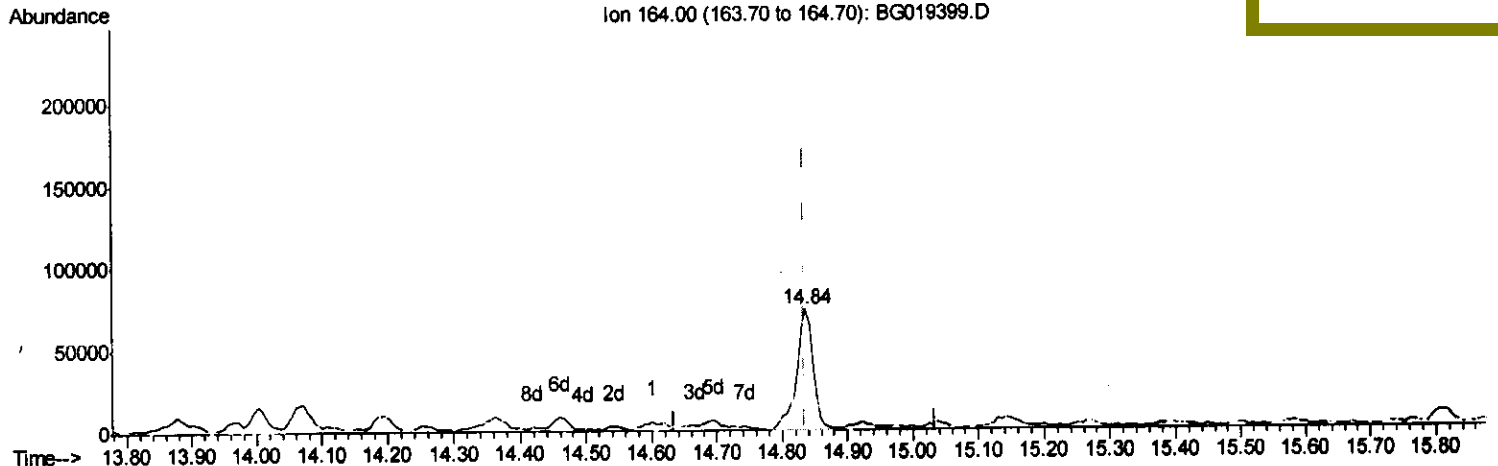
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
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(36) Acenaphthene-d10 (I)

14.836min (+0.001) 20.00ng/ul m

response 130260

U.M
 10/31/15

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	158.16#
160.00	41.90	55.48#
0.00	0.00	0.00

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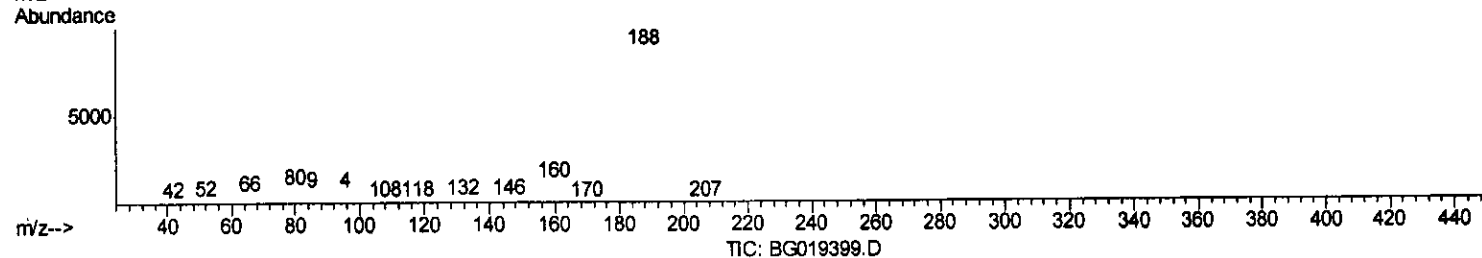
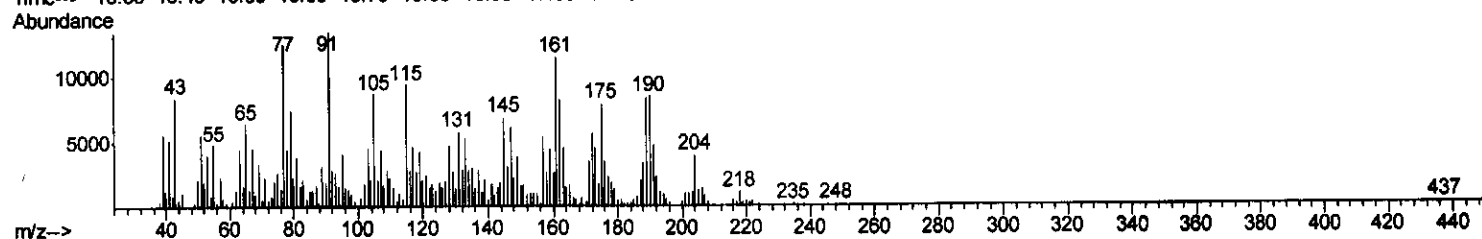
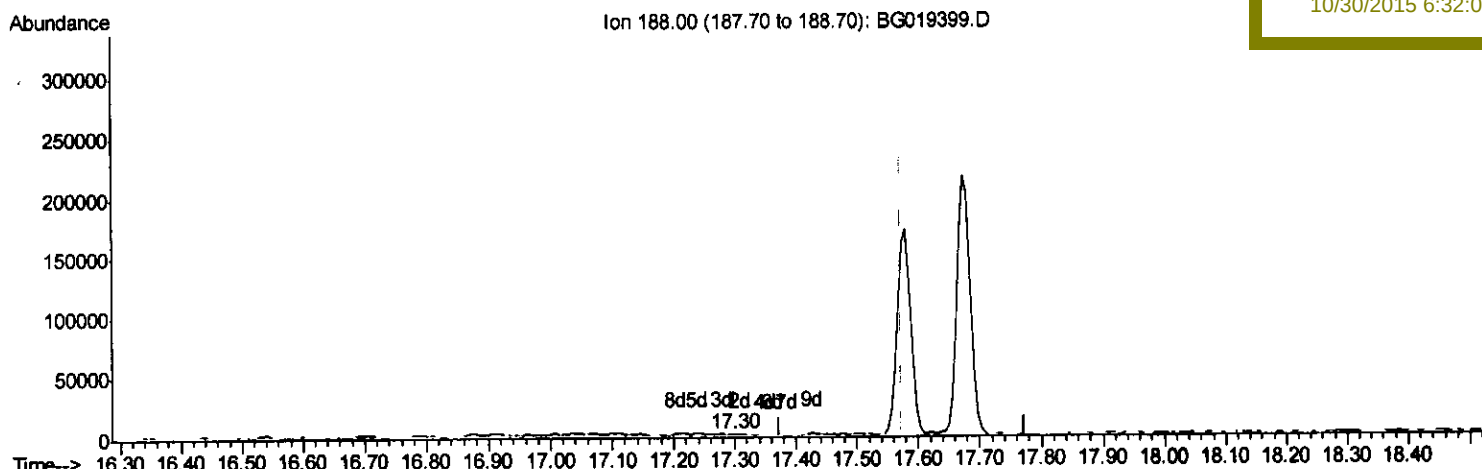
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
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(62) Phenanthrene-d10 (I)

17.298min (-0.275) 20.00ng/ul

response 828

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	50.72#
80.00	7.20	69.70#
0.00	0.00	0.00

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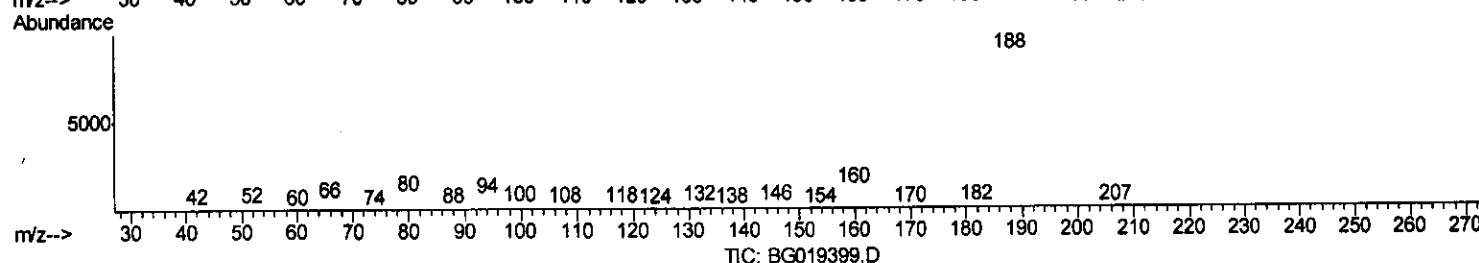
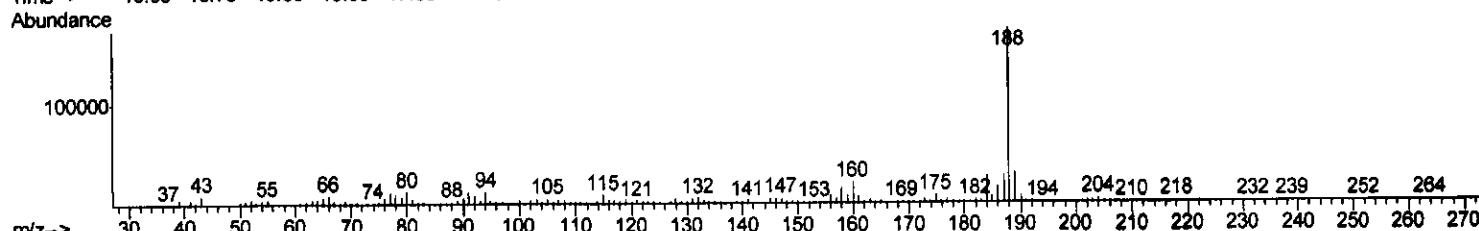
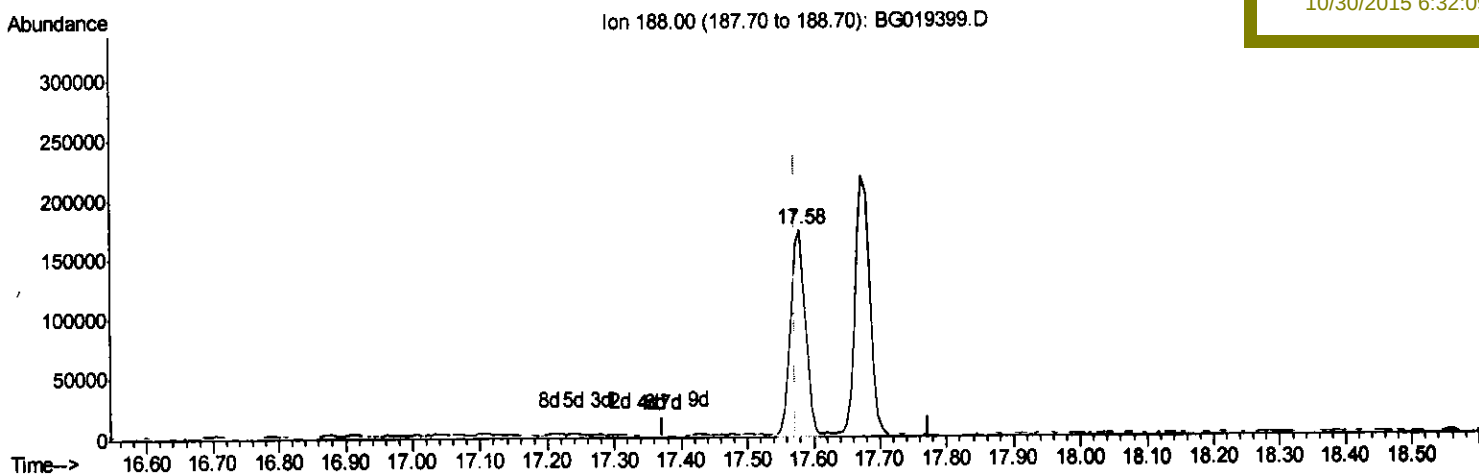
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Manual Integrations
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 10/30/2015 6:32:09 PM

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(62) Phenanthrene-d10 (I)

17.580min (+0.007) 20.00ng/ul m U.M

response 268432

10/31/15

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	7.21#
80.00	7.20	7.56
0.00	0.00	0.00

Quantitation Report (Qedit)

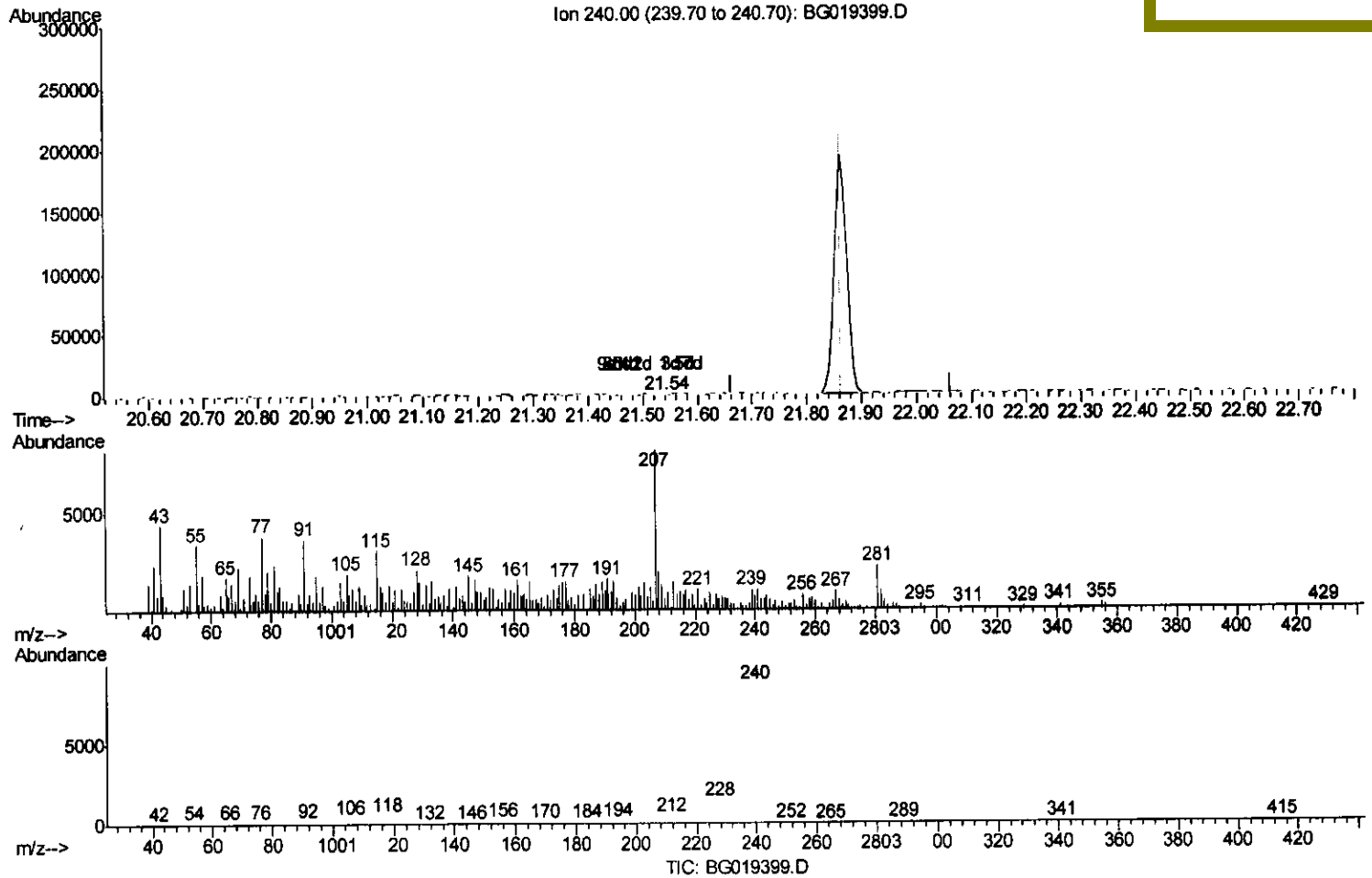
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LT6

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(78) Chrysene-d12 (I)

21.540min (-0.322) 20.00ng/ul

response 533

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	66.86#
236.00	26.20	38.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

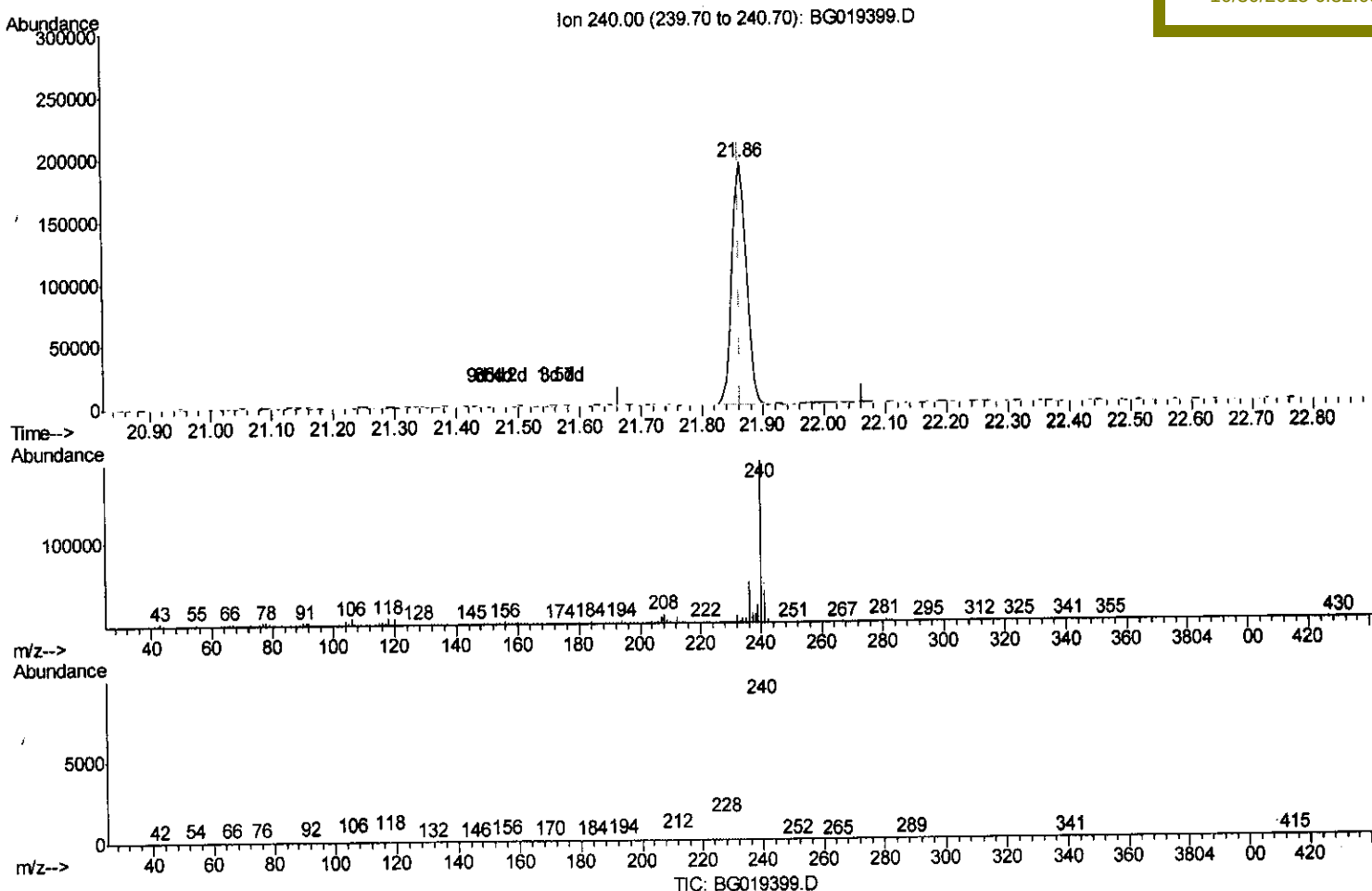
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
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(78) Chrysene-d12 (I)

21.863min (+0.001) 20.00ng/ul m

response 320838

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	4.30
236.00	26.20	25.48
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

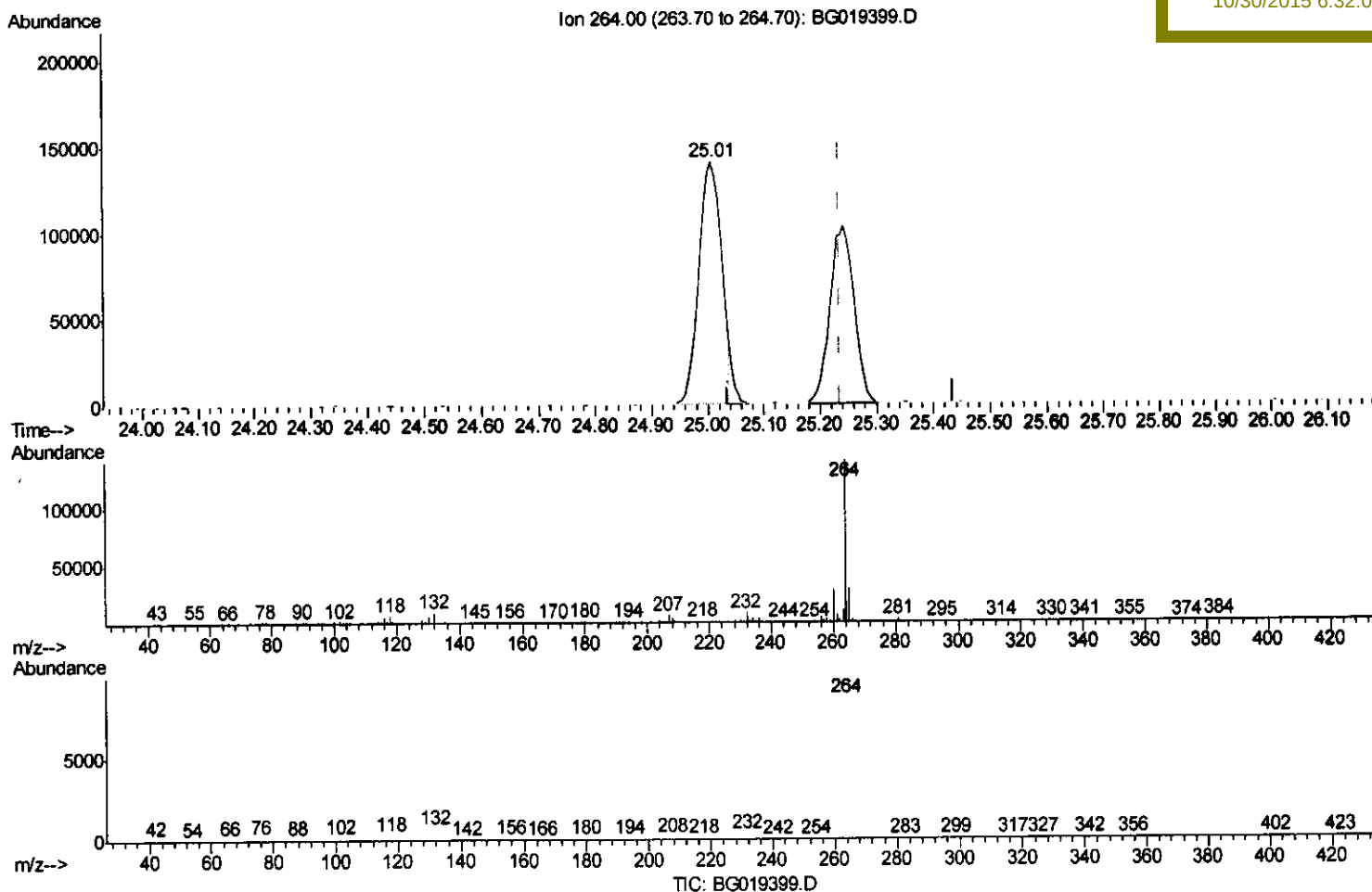
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Data File : BG019399.D
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Operator : UM/NP
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Misc :
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E5LT6

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10/30/2015 6:32:09 PM



(86) Perylene-d12 (I)

25.006min (-0.228) 20.00ng/ul

response 386760

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	19.69
265.00	20.90	20.88
0.00	0.00	0.00

Quantitation Report (Qedit)

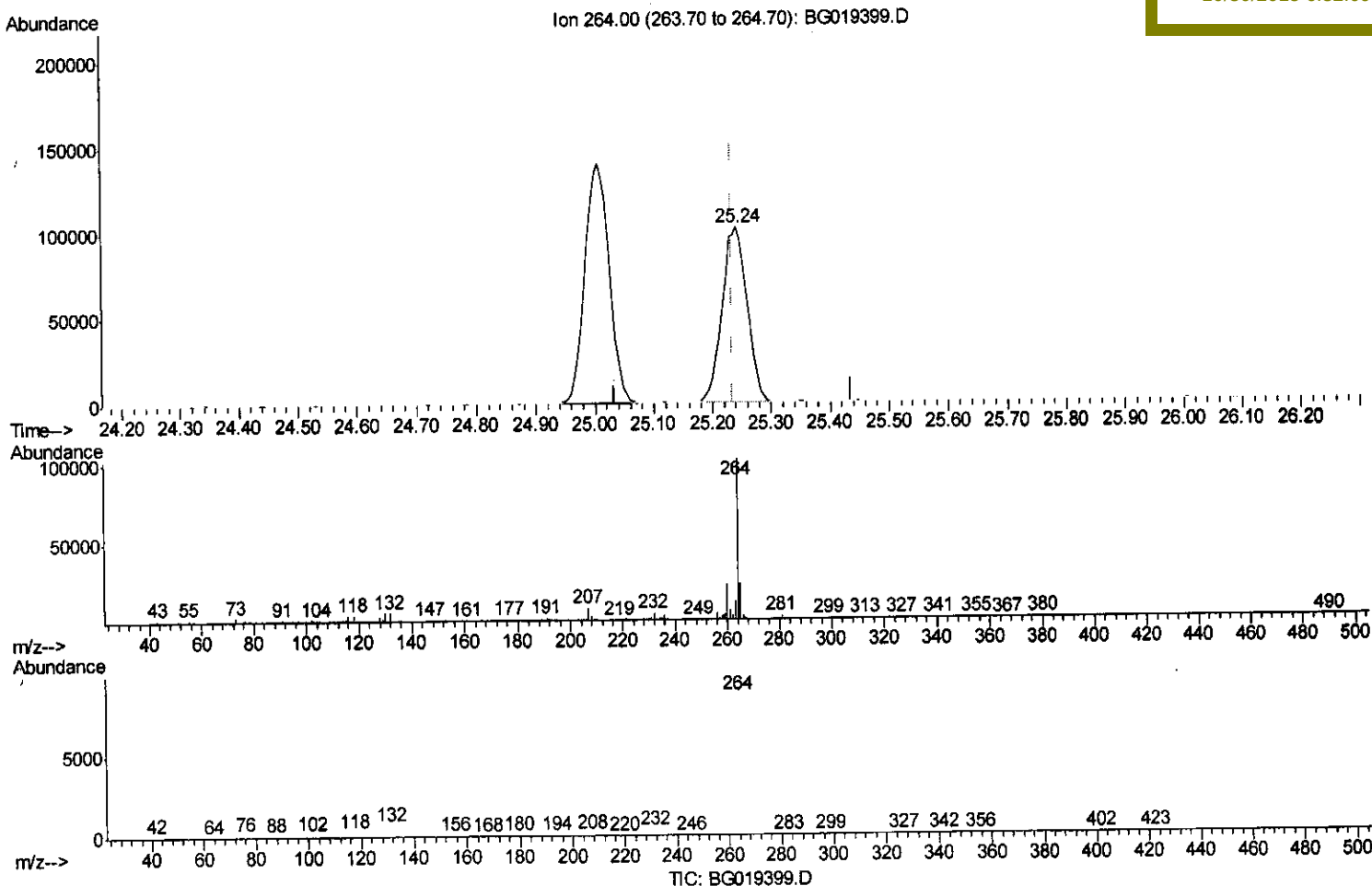
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 04:43:57 2015
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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 10/30/2015 6:32:09 PM



(86) Perylene-d12 (I)

25.241min (+0.007) 20.00ng/ul m

response 302966

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	22.03
265.00	20.90	22.56
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

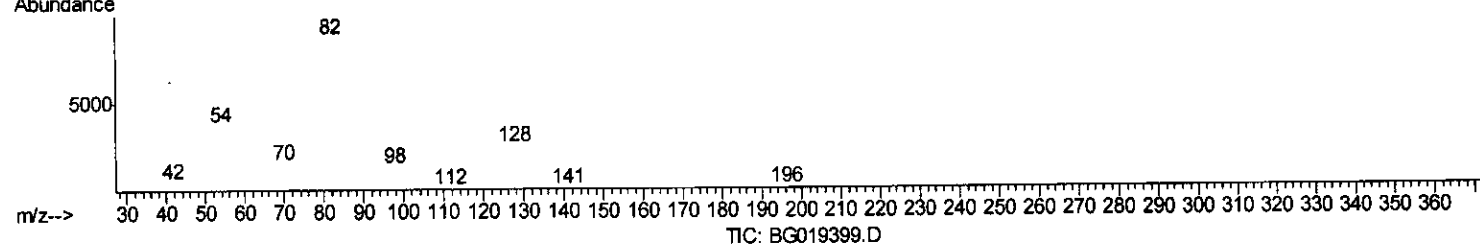
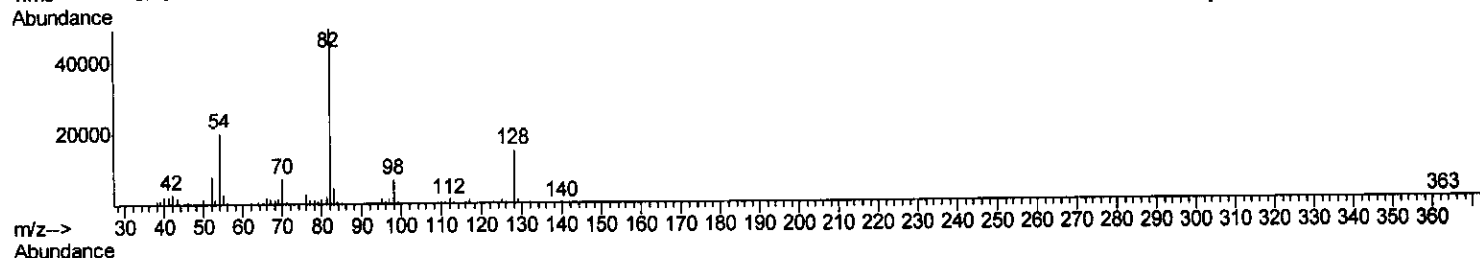
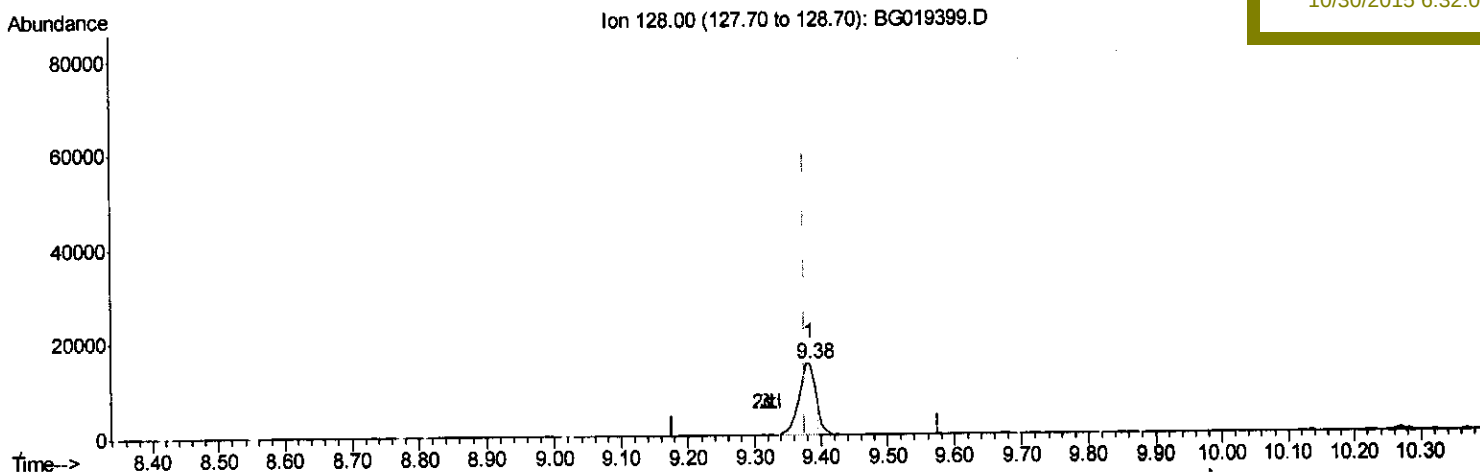
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 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 10/30/2015 6:32:09 PM



(19) Nitrobenzene-d5 (S)

9.383min (+0.007) 72.33ng/ul

response 26083

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	328.63
54.00	138.70	134.08
0.00	0.00	0.00

Quantitation Report (Qedit)

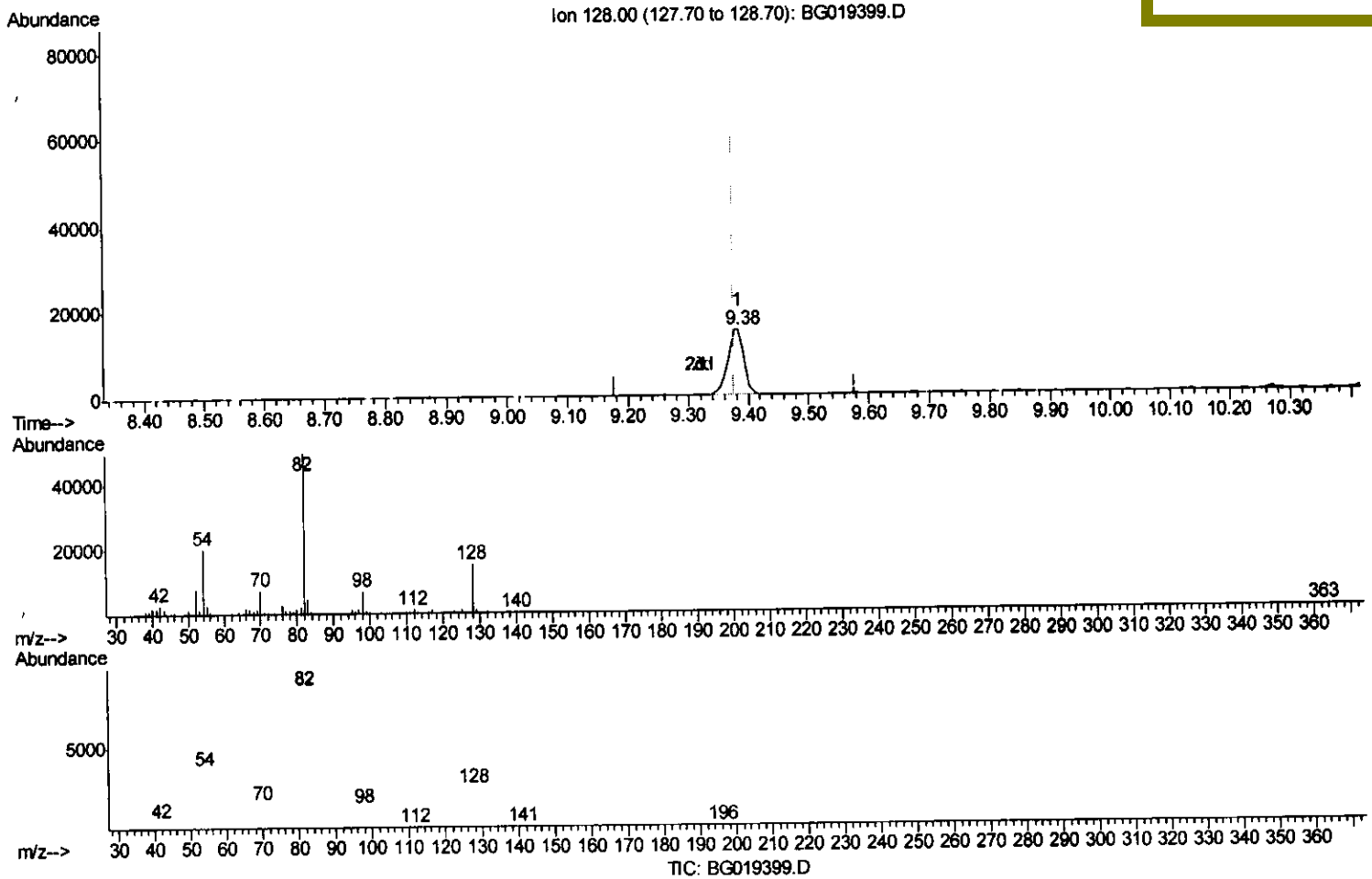
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 10/30/2015 6:32:09 PM



(19) Nitrobenzene-d5 (S)

9.383min (+0.007) 25.88ng/ul m

response 27478

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	328.63
54.00	138.70	134.08
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

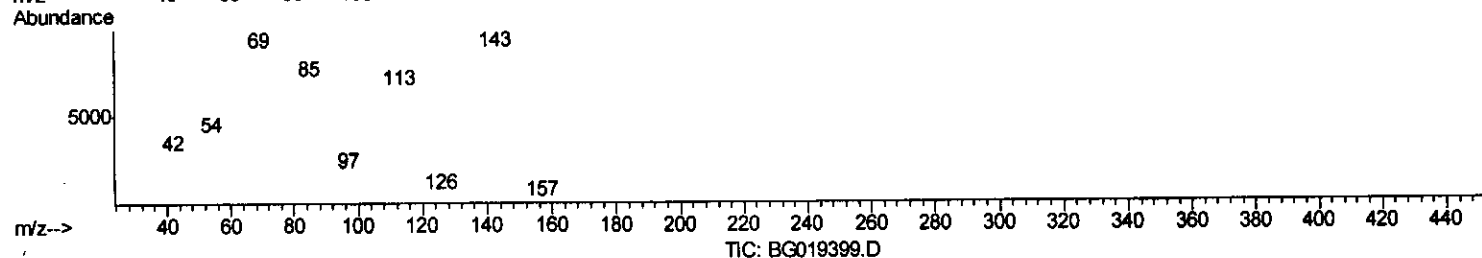
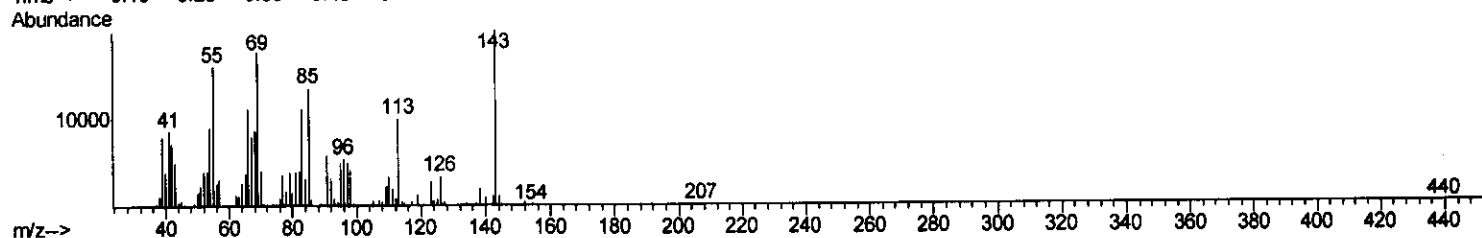
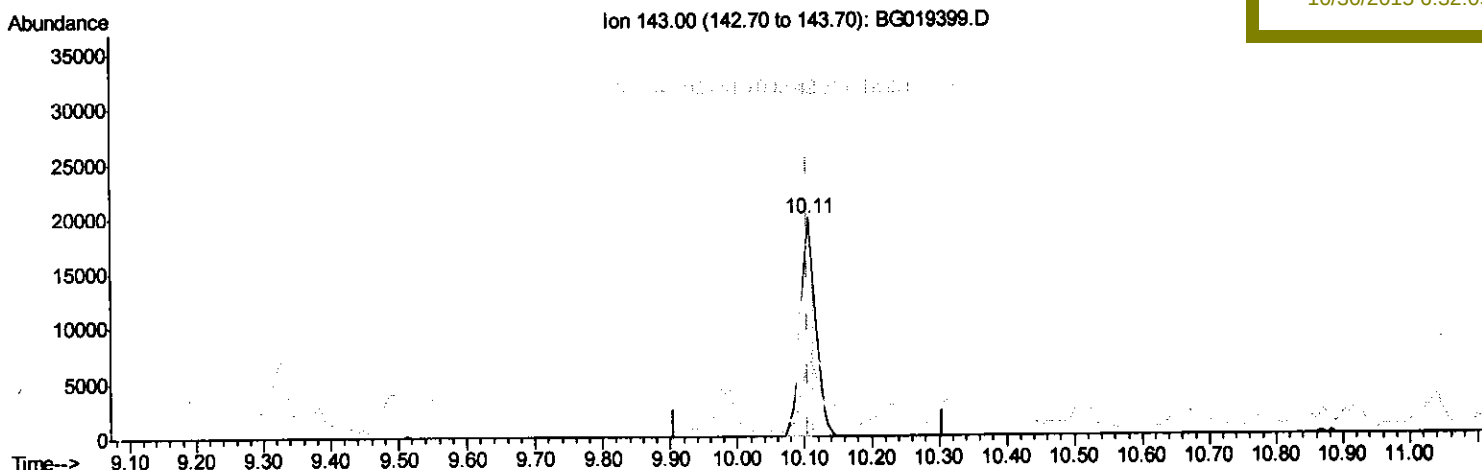
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 10/30/2015 6:32:09 PM



(22) 2-Nitrophenol-d4 (S)

10.106min (+0.001) 58.32ng/ul

response 24968

Ion	Exp%	Act%
143.00	100	100
69.00	78.10	88.78
41.00	23.40	43.60#
42.00	15.40	36.24#

Quantitation Report (Qedit)

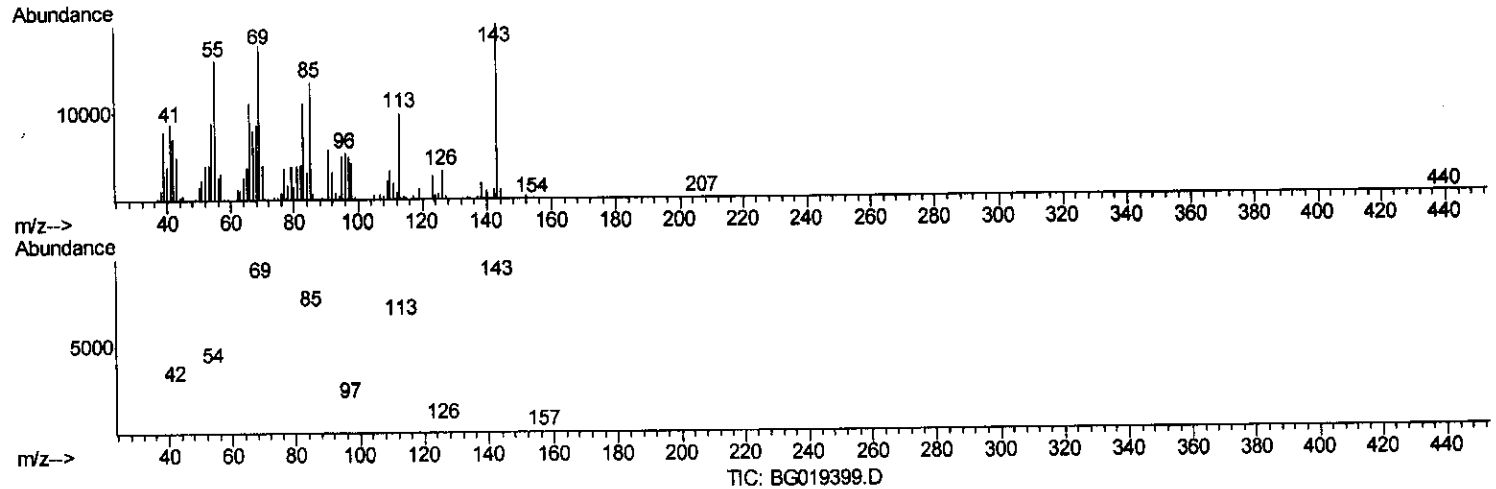
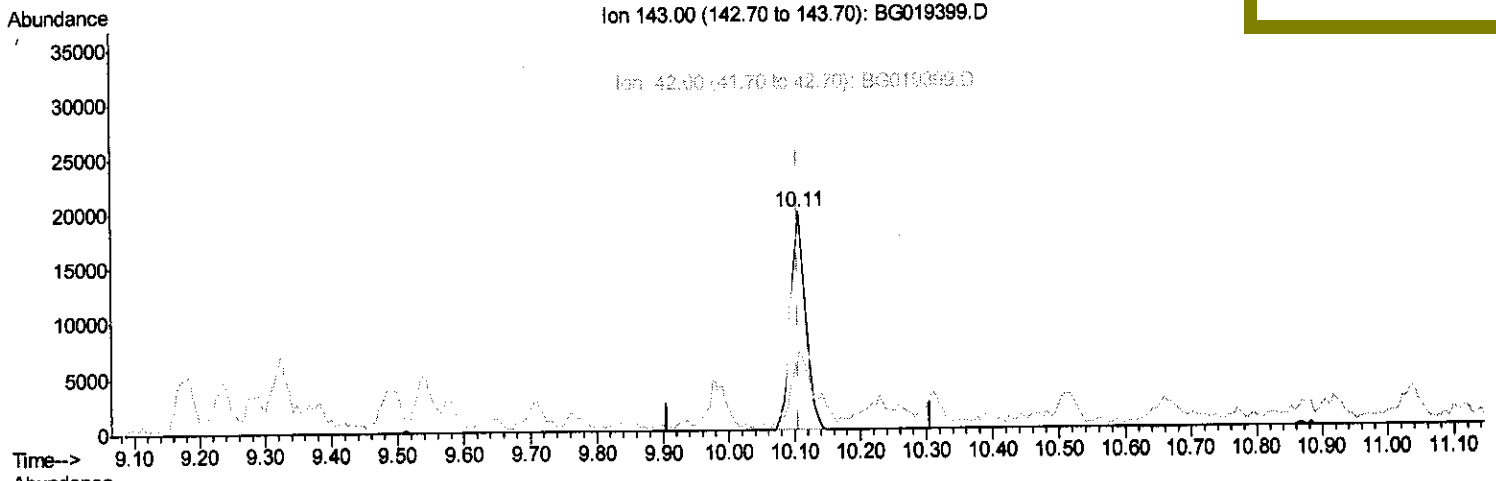
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(22) 2-Nitrophenol-d4 (S)

10.106min (+0.001) 25.23ng/ul m

response 31803

Ion	Exp%	Act%
143.00	100	100
69.00	78.10	88.78
41.00	23.40	43.60#
42.00	15.40	36.24#

U.M.
10/31/15

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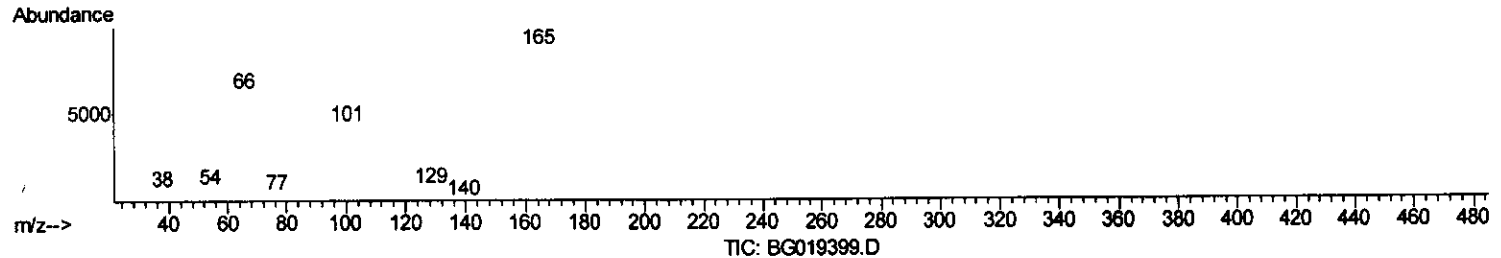
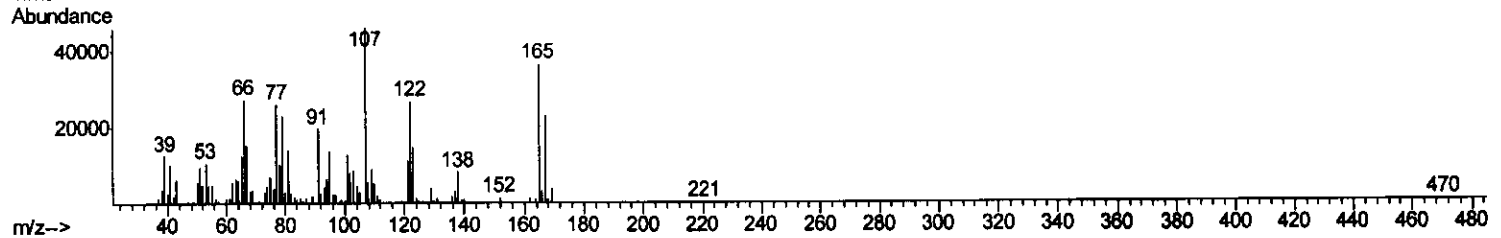
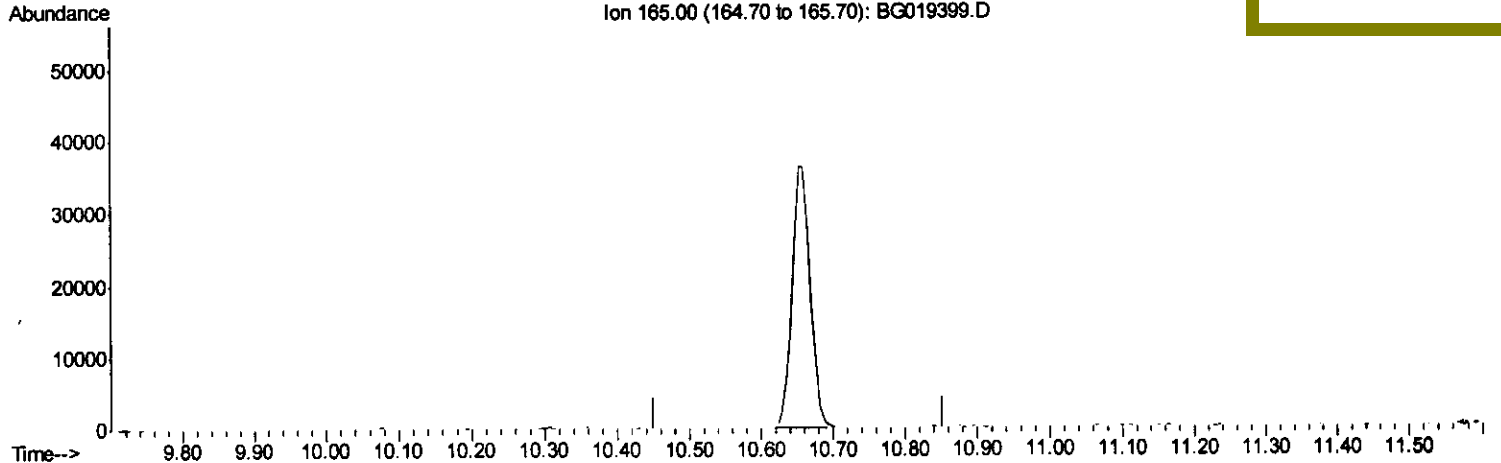
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 10/30/2015 6:32:09 PM



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

10.652min (-10.652) 0.00ng/ul

response 0

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

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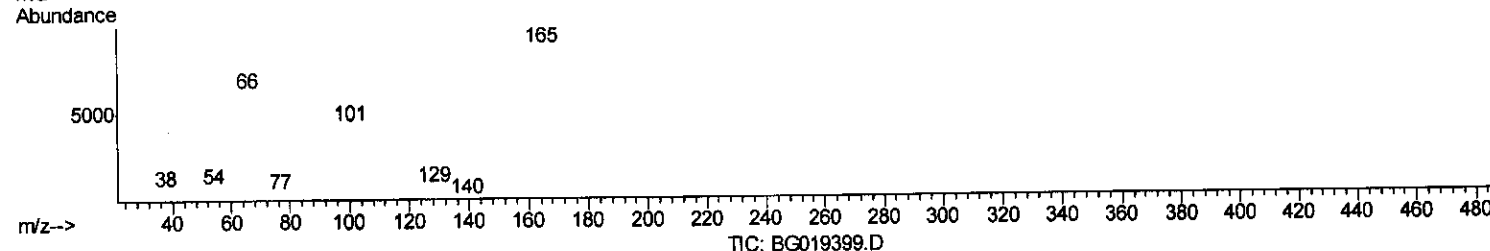
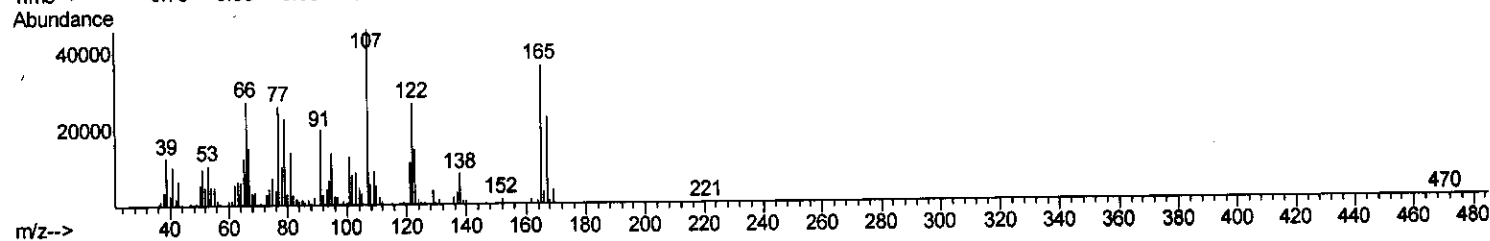
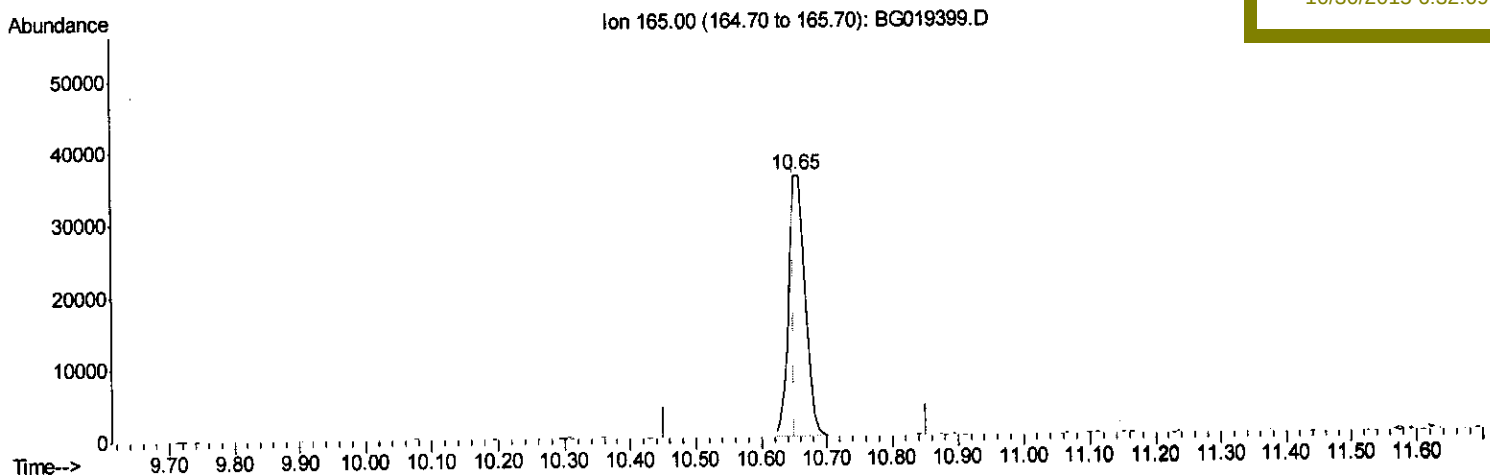
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 10/30/2015 6:32:09 PM



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

10.652min (+0.001) 22.98ng/ul m

response 62844

Ion	Exp%	Act%
165.00	100	100
167.00	62.50	62.78
101.00	41.90	35.07
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

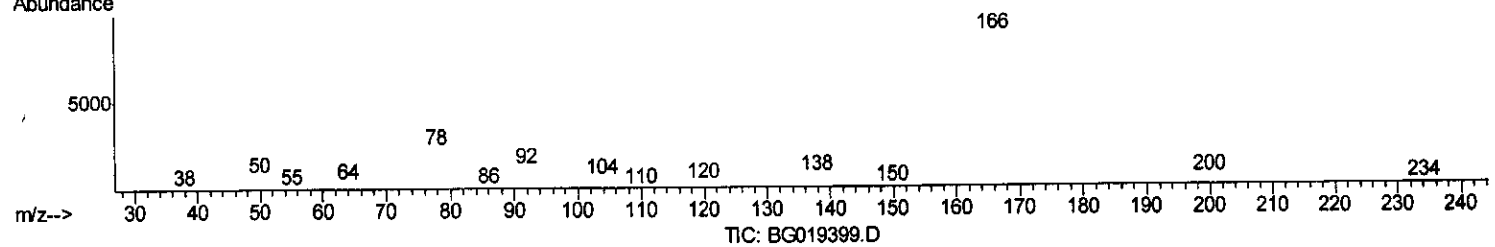
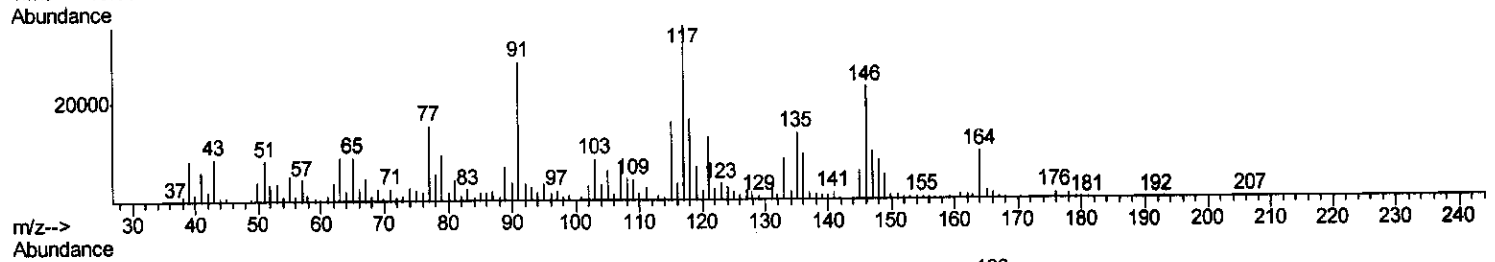
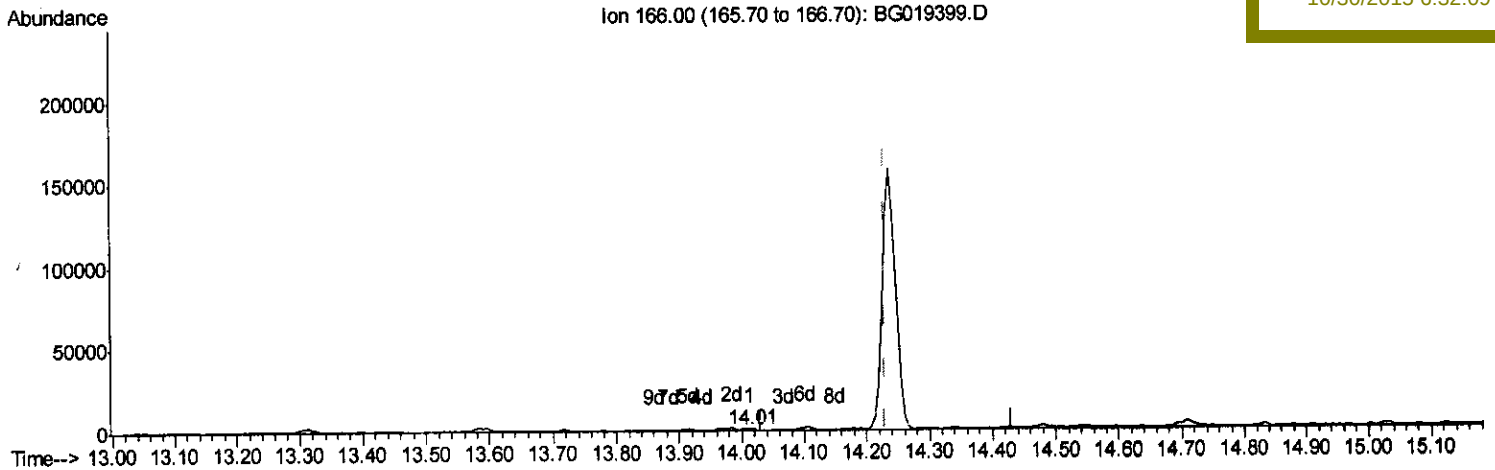
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 29 08:22:15 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 :
 E5LT6

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:09 PM



(44) Dimethylphthalate-d6 (S)

14.013min (-0.217) 2.39ng/ul

response 1649

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	386.03#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

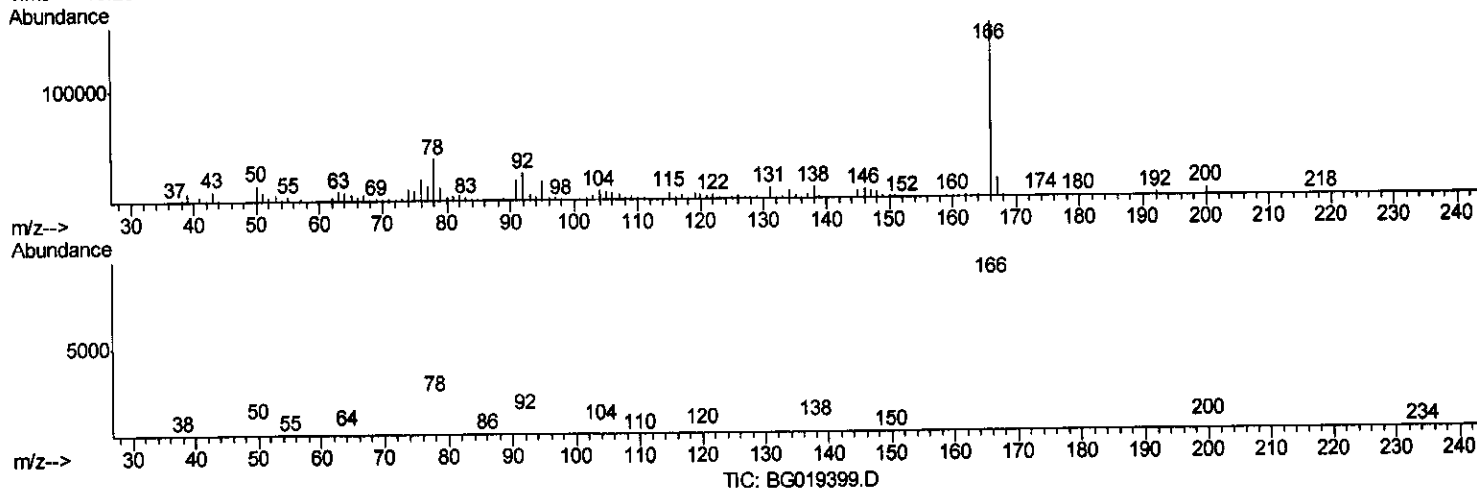
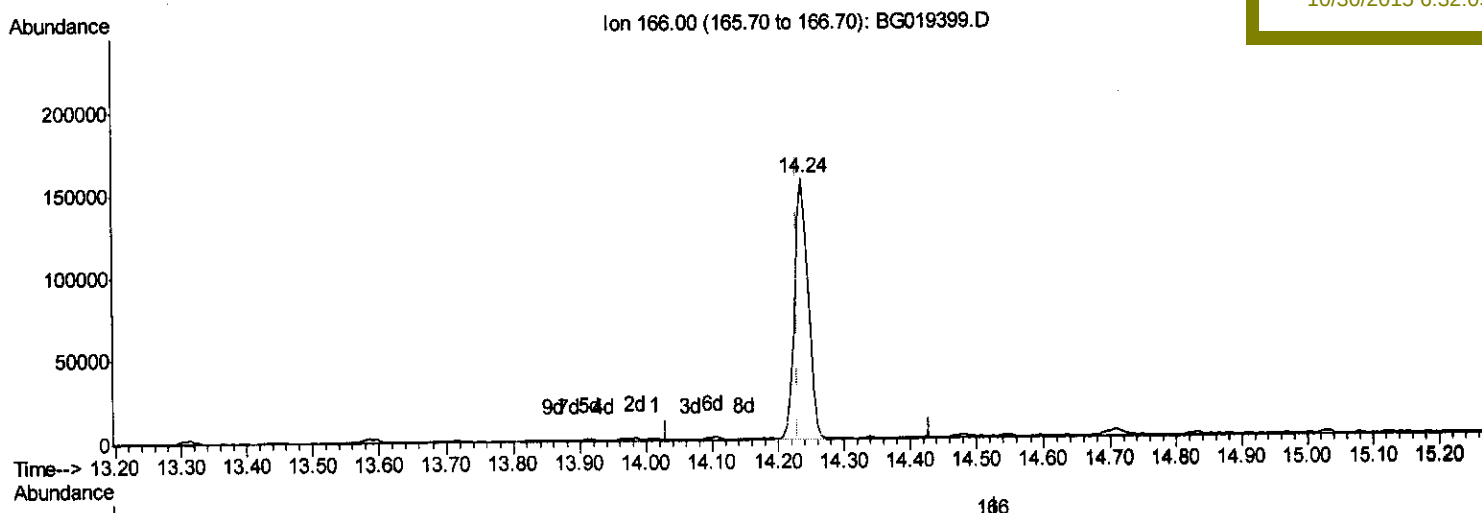
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(44) Dimethylphthalate-d6 (S)

14.236min (+0.007) 20.92ng/ul m

response 224655

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	23.82#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

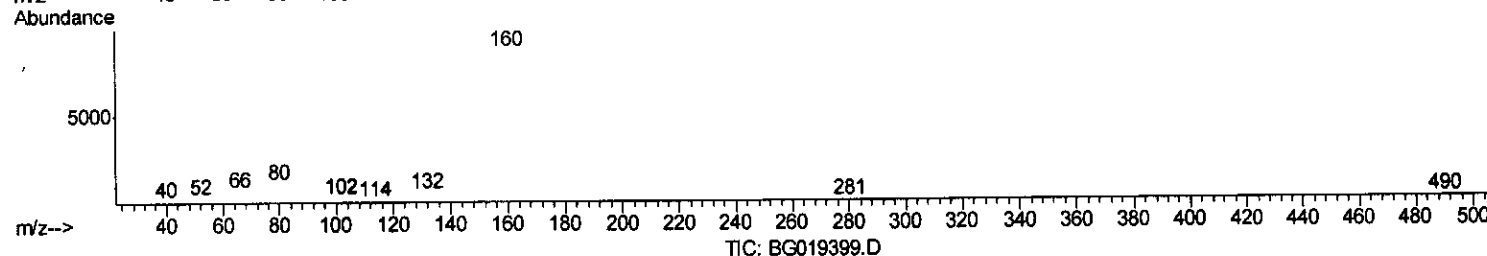
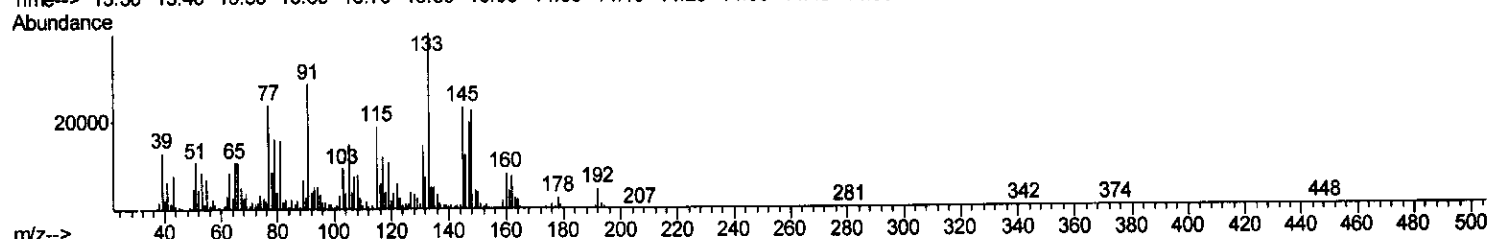
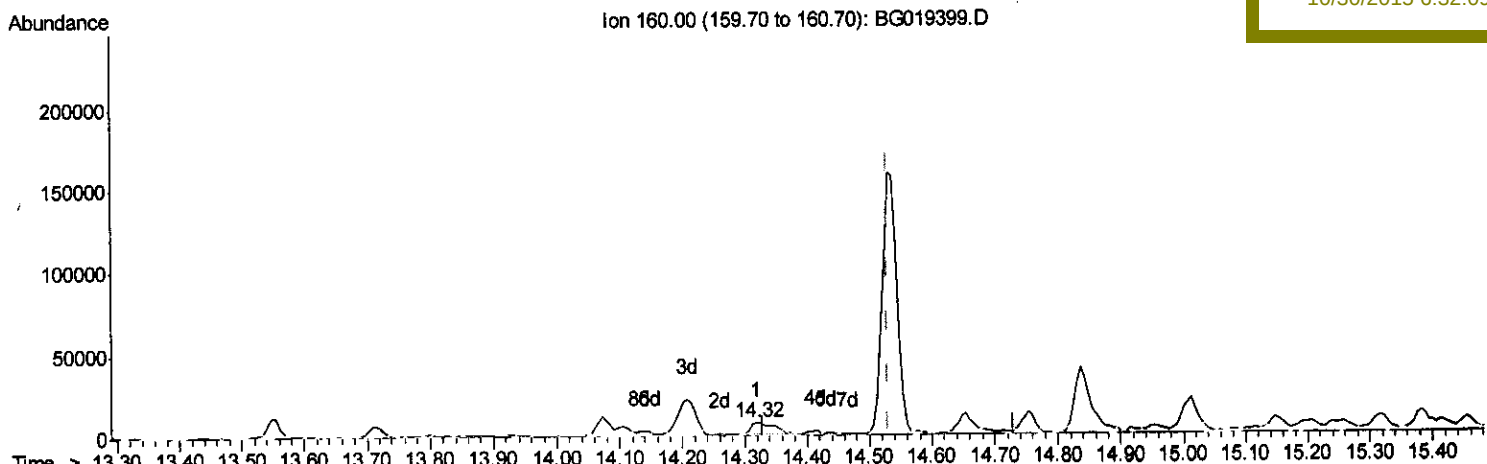
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(47) Acenaphthylene-d8 (S)

14.319min (-0.211) 26.43ng/ui

response 20193

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	49.55#
158.00	13.90	5.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

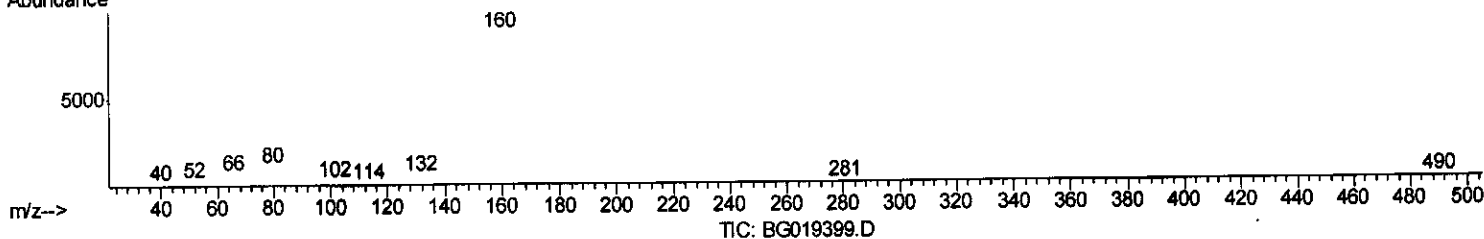
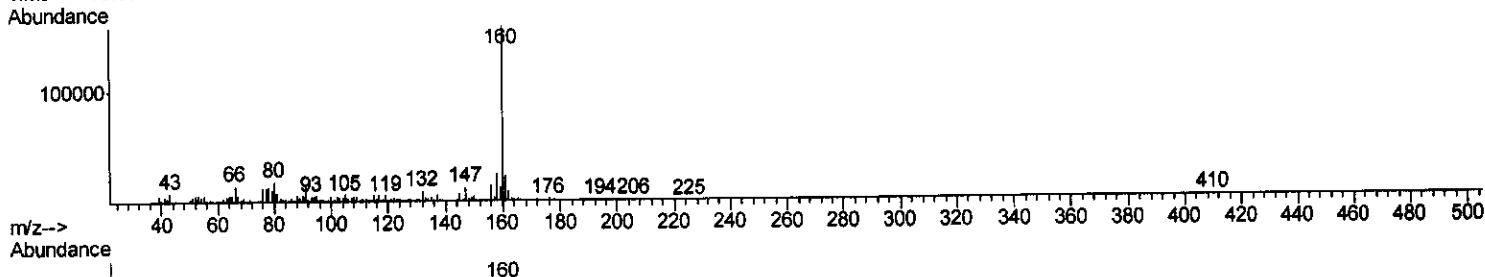
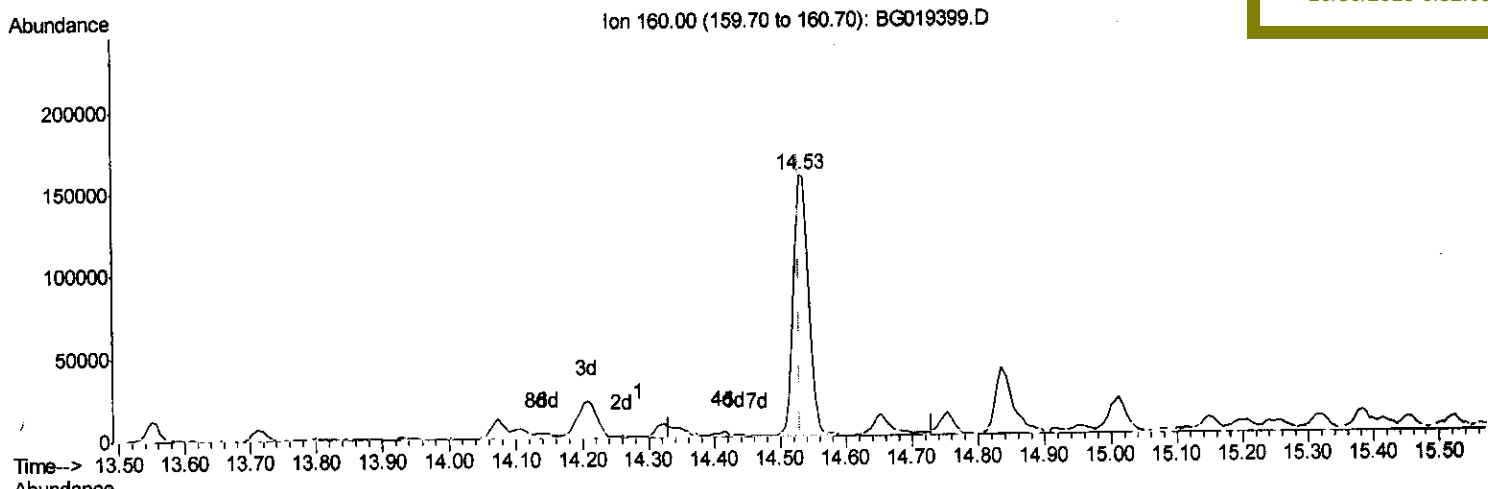
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(47) Acenaphthylene-d8 (S)

14.530min (+0.001) 21.44ng/ul m

response 255040

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	11.25#
158.00	13.90	14.92
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

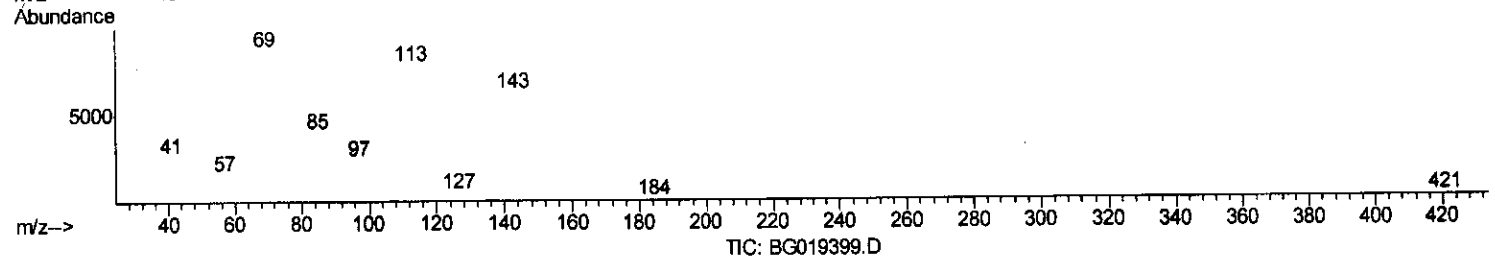
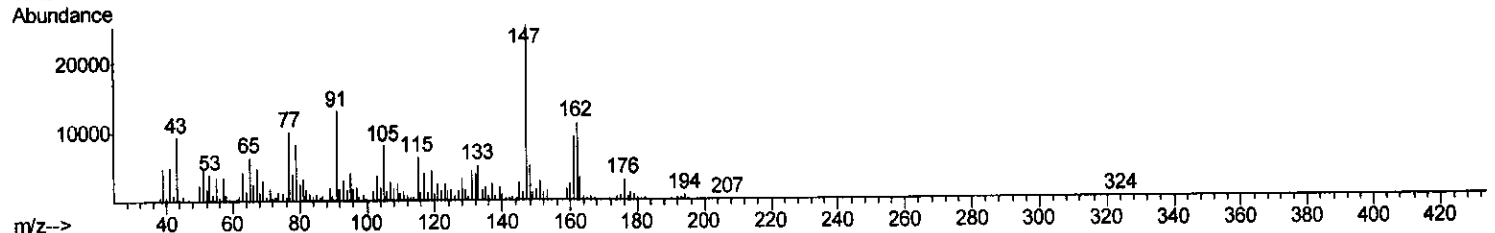
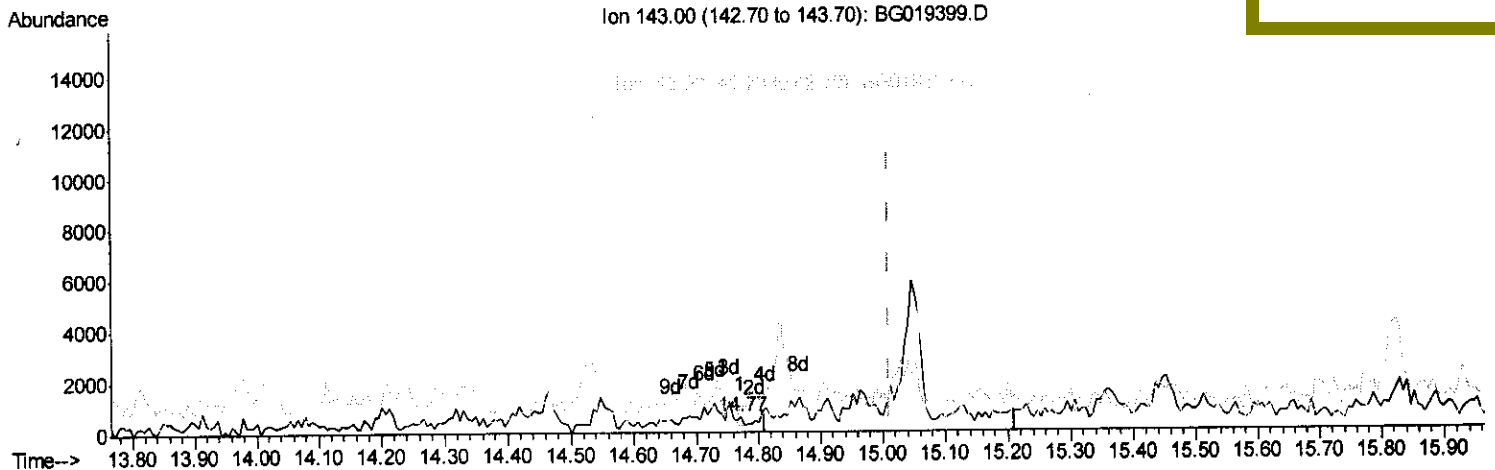
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(52) 4-Nitrophenol-d4 (S)

14.771min (-0.240) 1.06ng/ul

response 116

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	124.05#
41.00	40.70	804.94#
42.00	28.20	181.05#

Quantitation Report (Qedit)

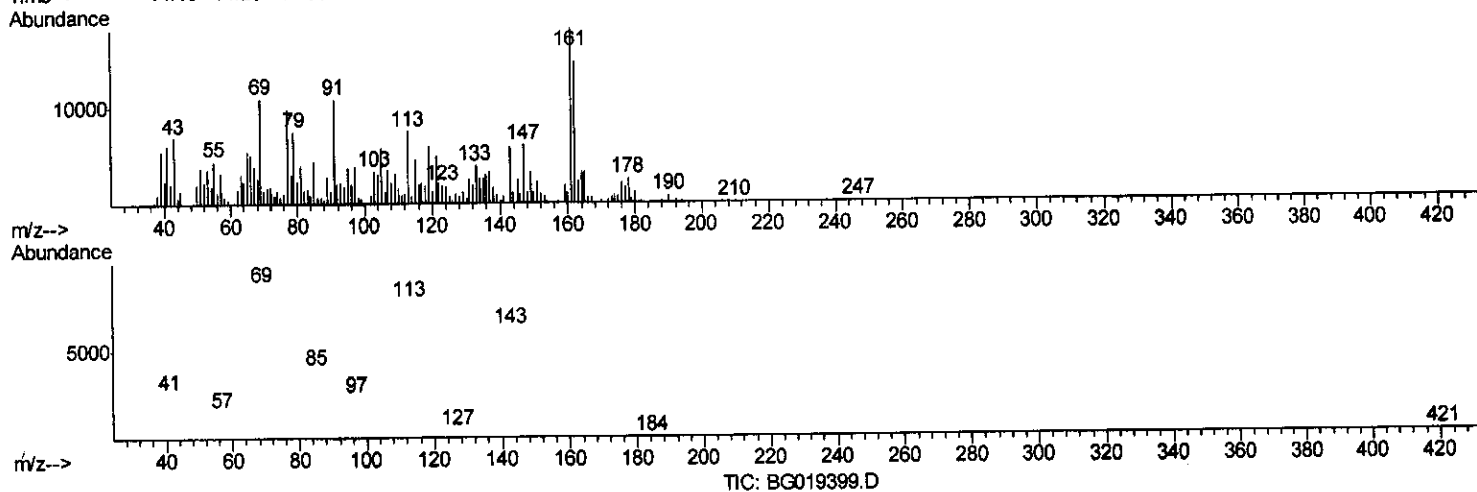
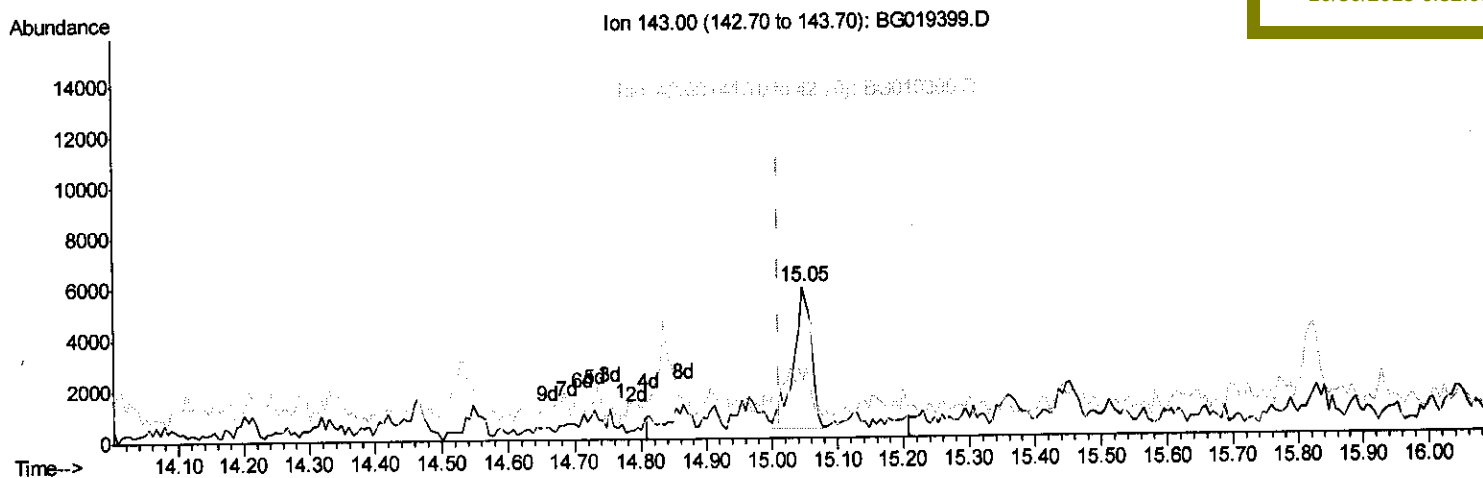
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(52) 4-Nitrophenol-d4 (S)

15.047min (+0.036) 6.08ng/ul m

response 10379

Ion Exp% Act%

143.00 100 100

113.00 166.10 128.06#

41.00 40.70 103.35#

42.00 28.20 38.25#

U.M
10/31/15

Quantitation Report (Qedit)

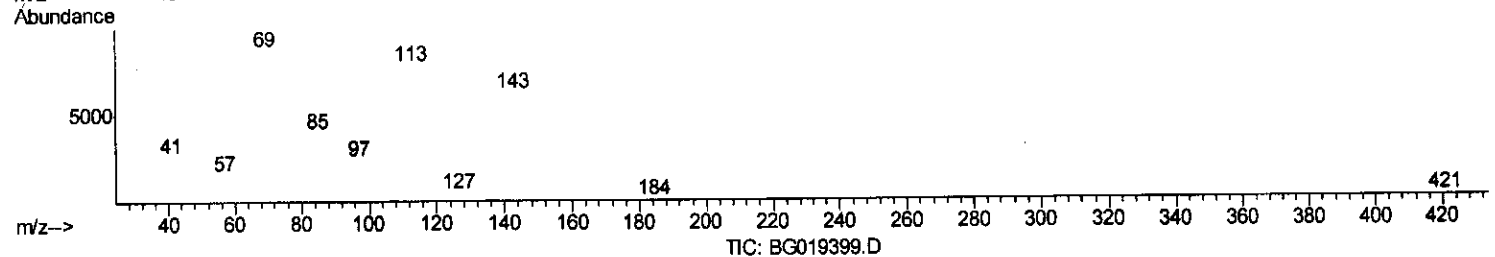
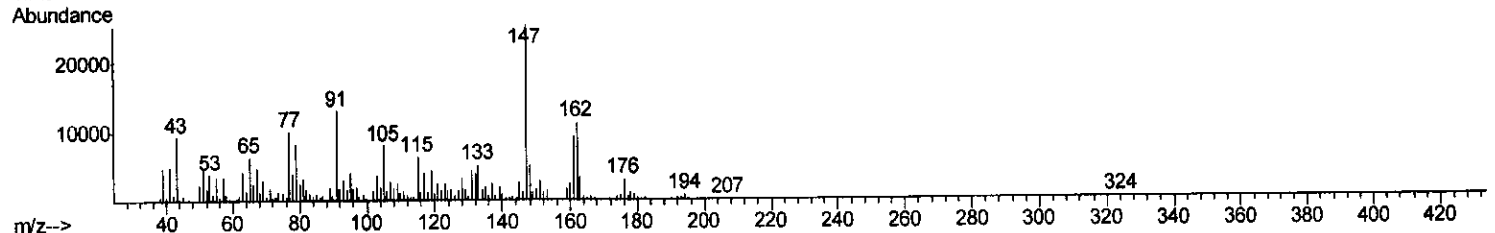
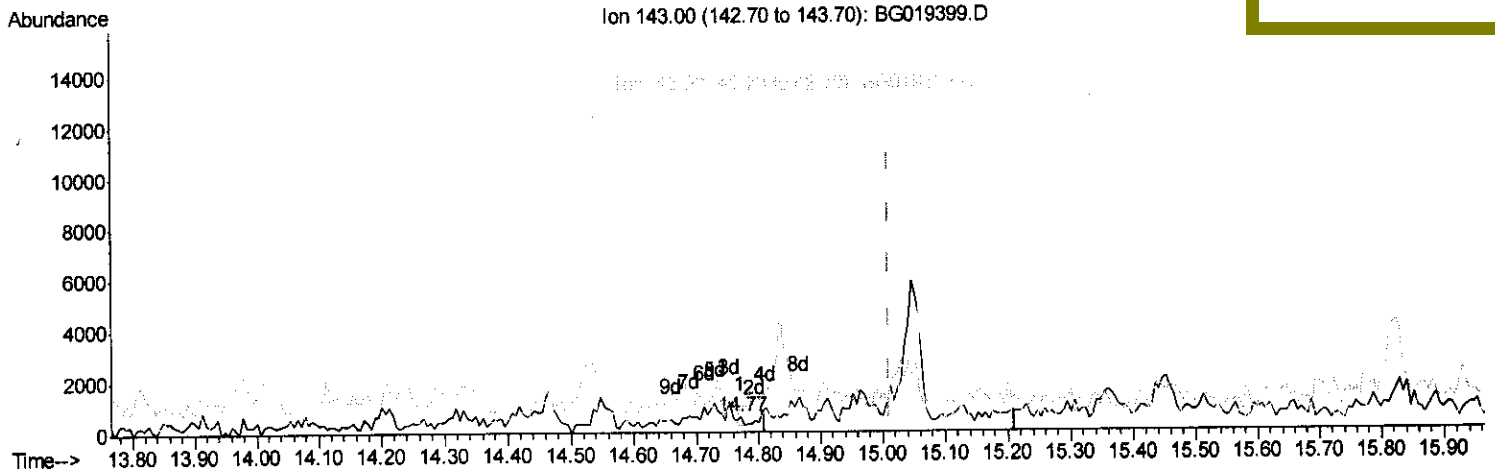
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(52) 4-Nitrophenol-d4 (S)

14.771min (-0.240) 1.06ng/ul

response 116

Ion	Exp%	Act%
143.00	100	100
113.00	166.10	124.05#
41.00	40.70	804.94#
42.00	28.20	181.05#

Quantitation Report (Qedit)

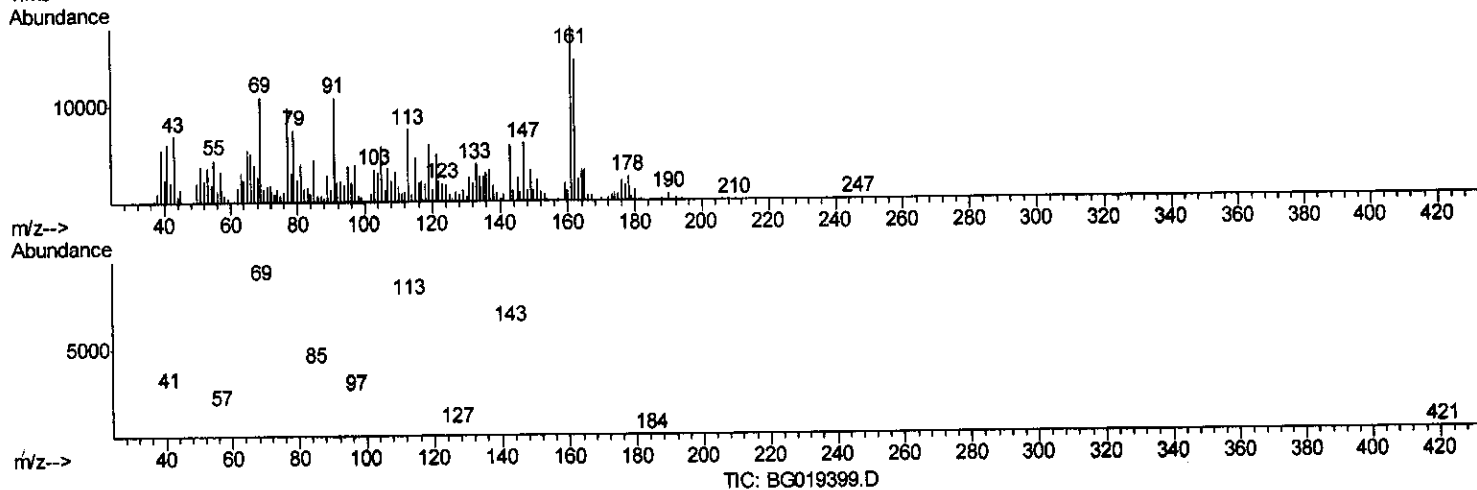
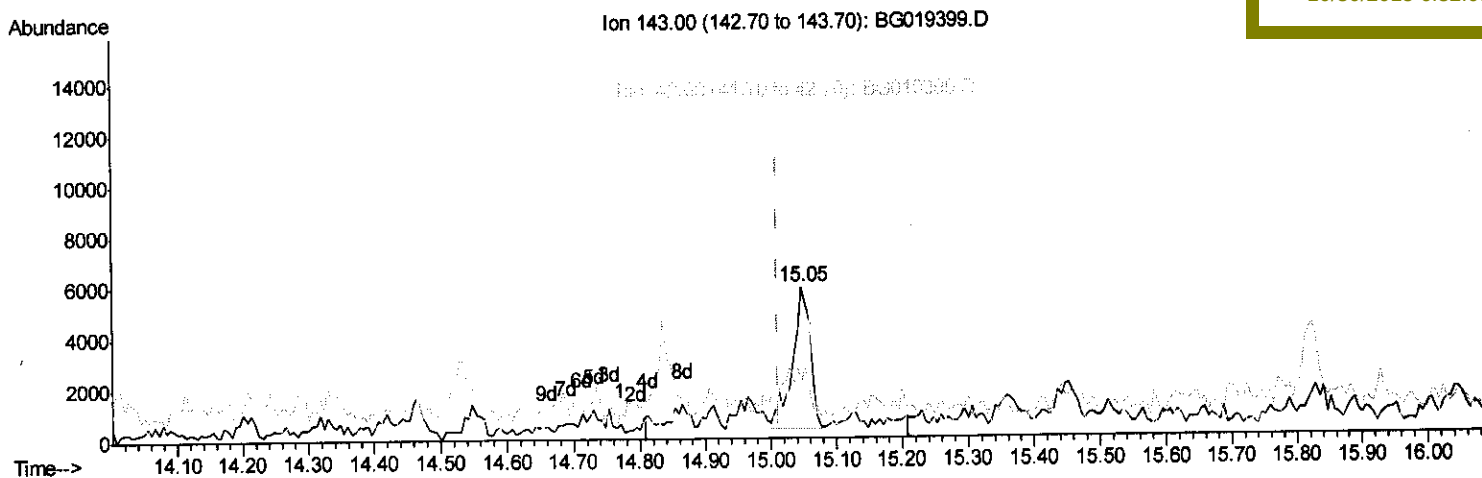
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(52) 4-Nitrophenol-d4 (S)

15.047min (+0.036) 6.08ng/ul m

response 10379

Ion Exp% Act%

143.00 100 100

113.00 166.10 128.06#

41.00 40.70 103.35#

42.00 28.20 38.25#

U.M
10/31/15

Quantitation Report (Qedit)

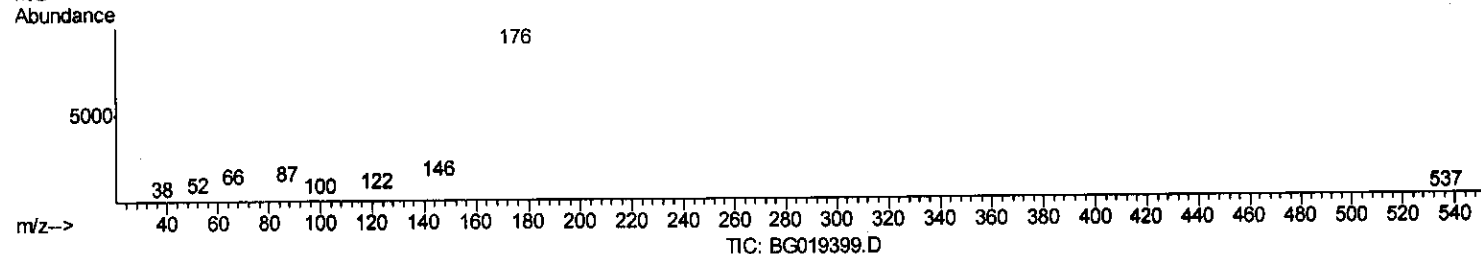
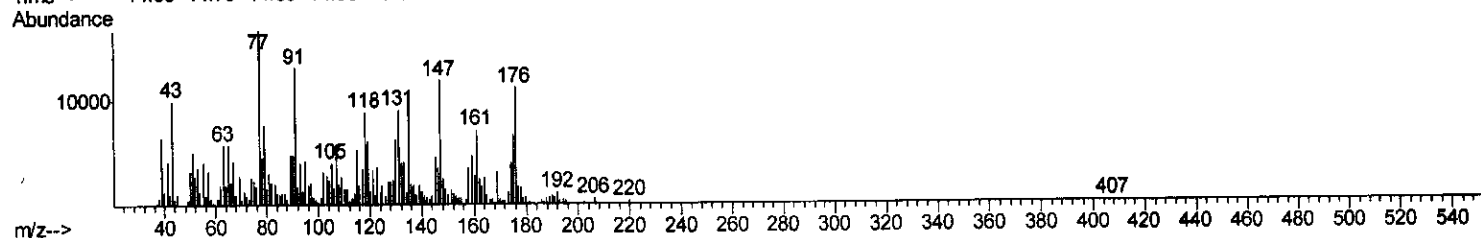
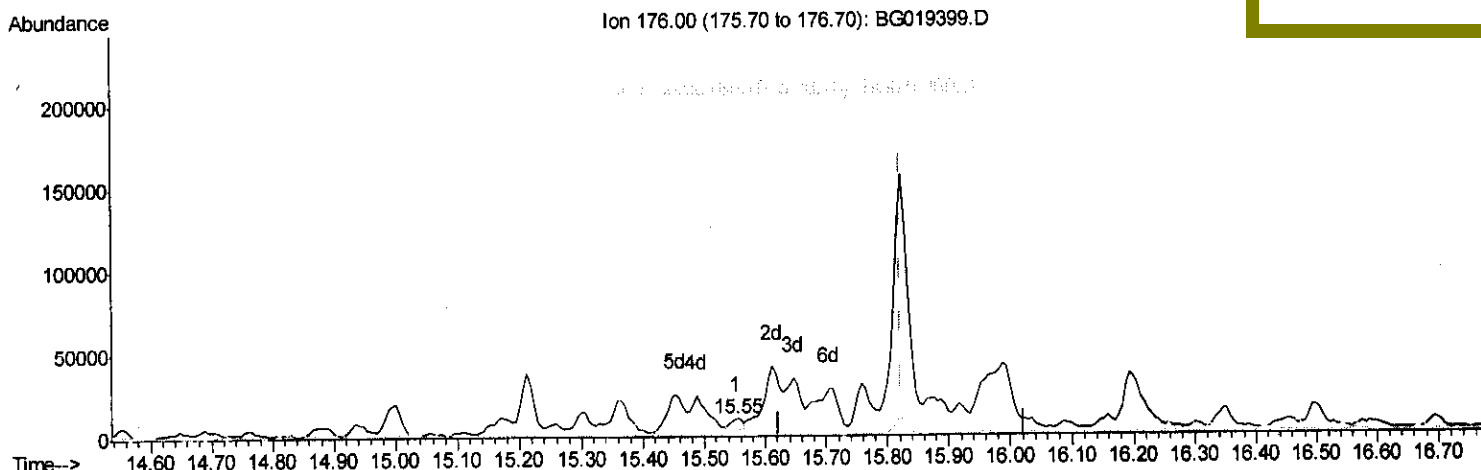
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(58) Fluorene-d10 (S)

15.553min (-0.269) 15.61ng/ul

response 9963

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	36.06#
87.00	5.70	10.65#
86.00	6.30	10.37#

Quantitation Report (Qedit)

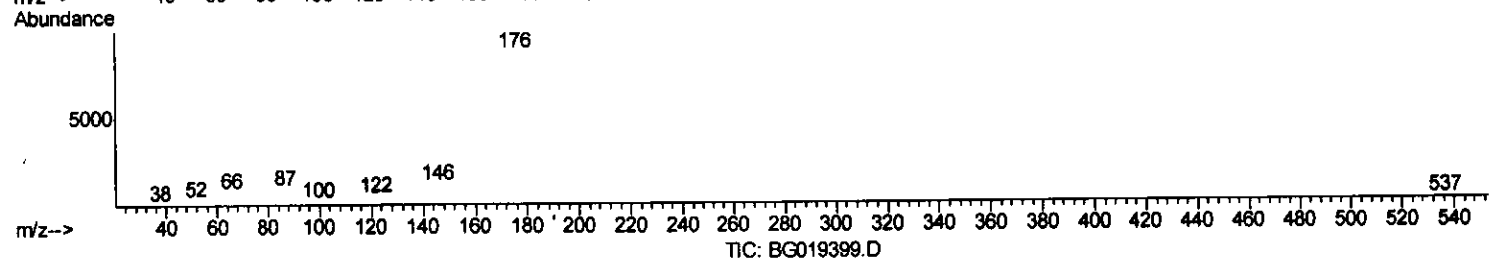
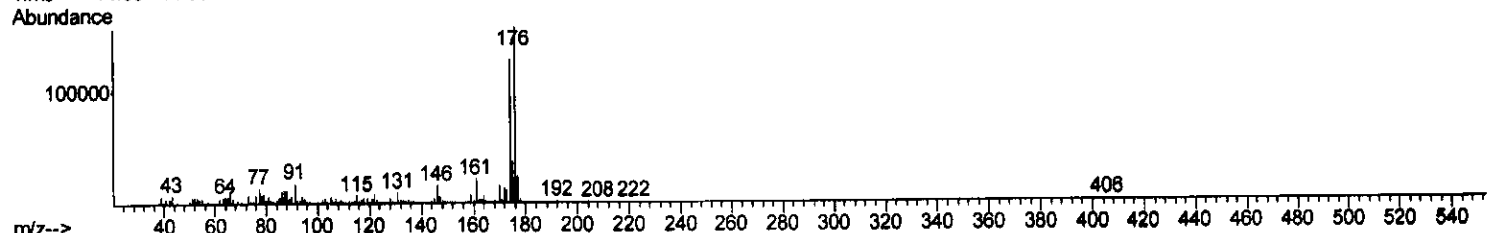
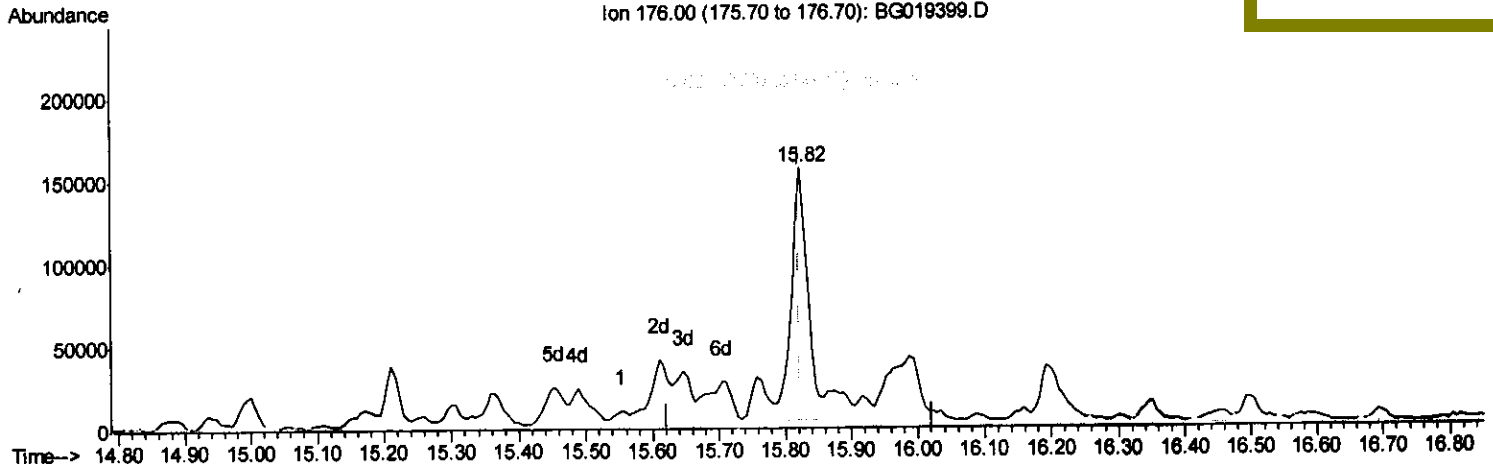
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(58) Fluorene-d10 (S)

15.823min (+0.001) 25.42ng/ul m

response 252572

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	81.88
87.00	5.70	7.71#
86.00	6.30	6.85

U.M
 10/31/15

Quantitation Report (Qedit)

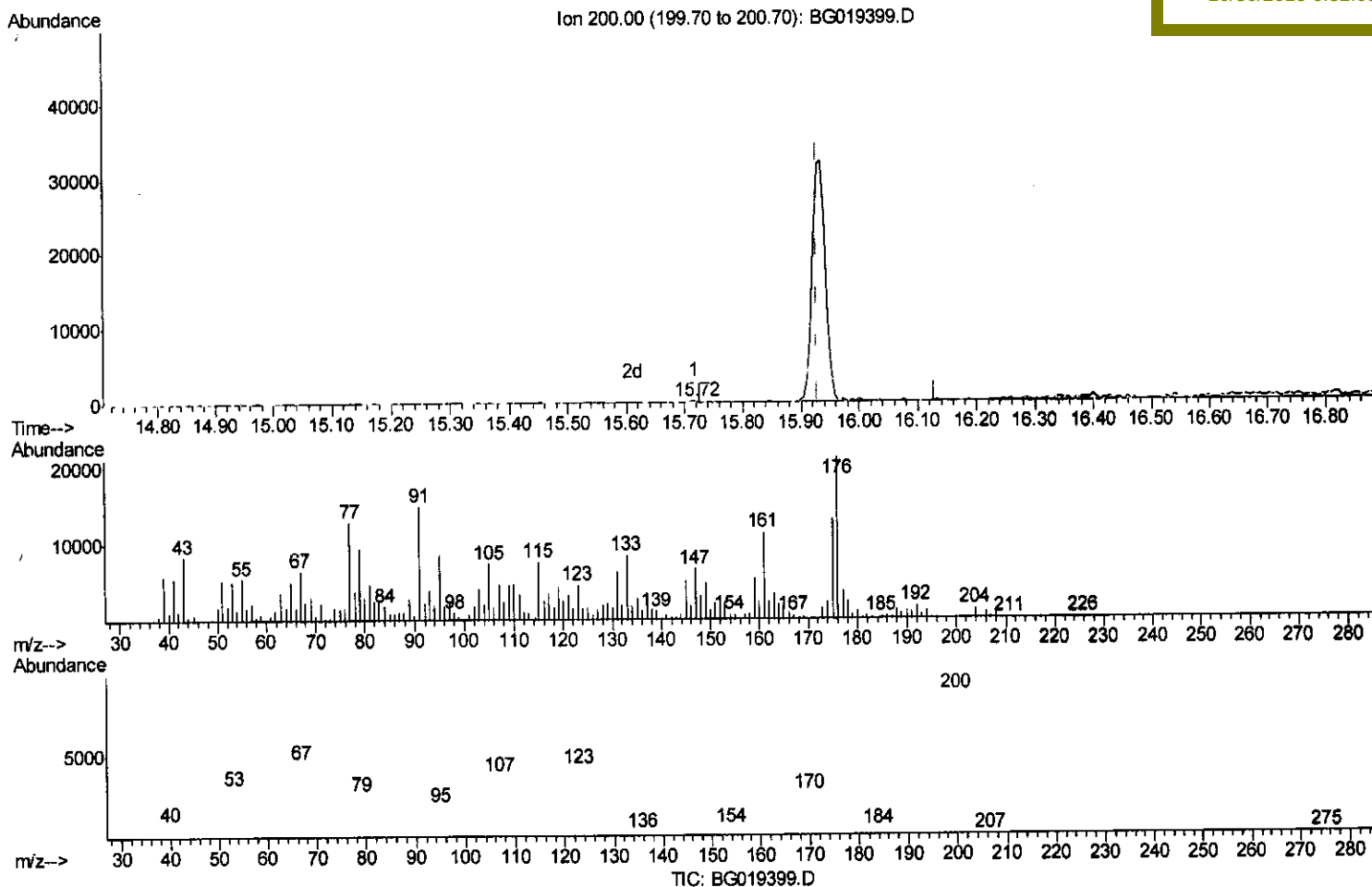
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



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

15.717min (-0.211) 27.24ng/ul

response 146

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	0.00#
52.00	35.30	796.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

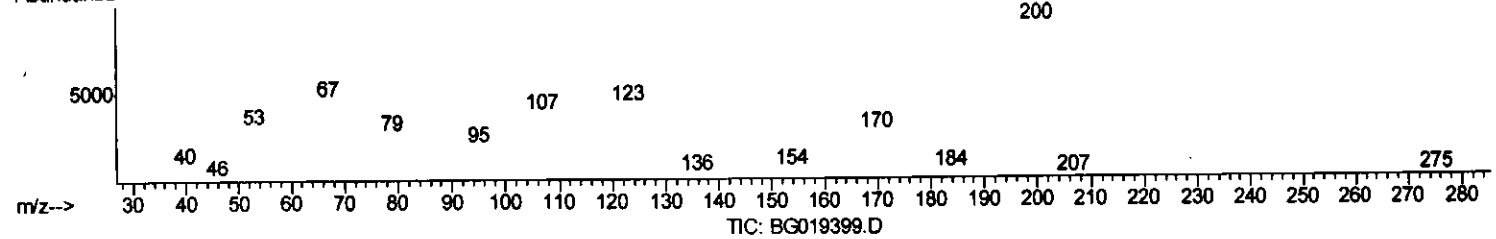
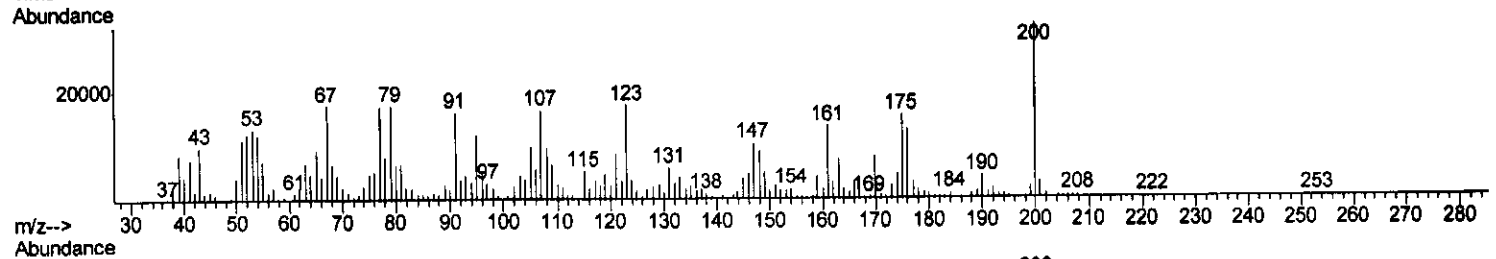
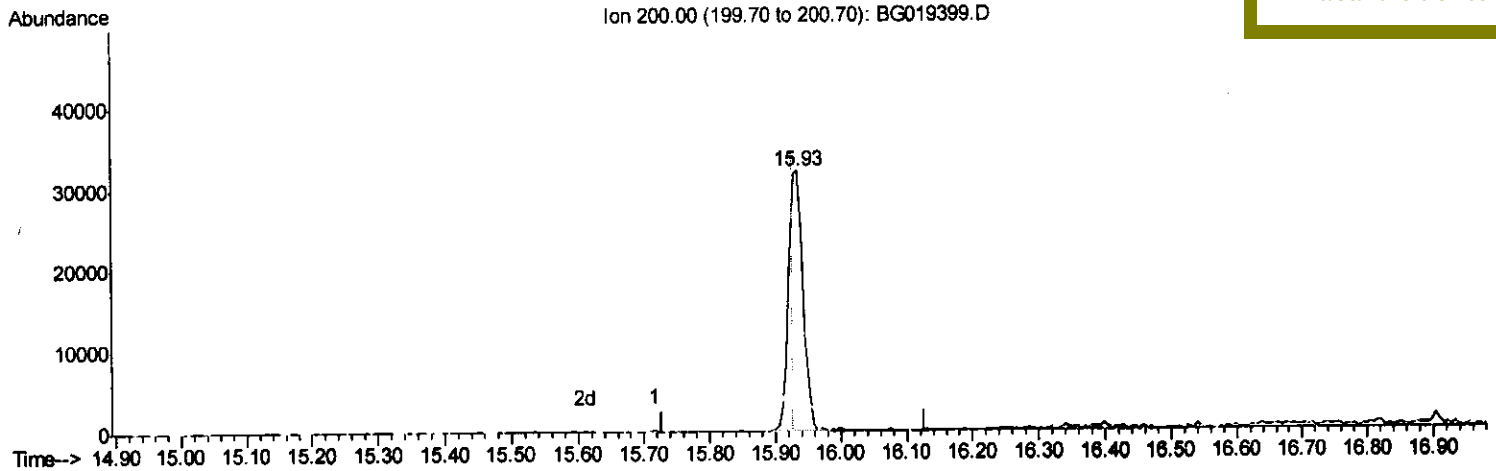
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



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

15.934min (+0.007) 28.00ng/ul m

response 48641

Ion	Exp%	Act%
200.00	100	100
170.00	20.10	24.53#
52.00	35.30	37.68
0.00	0.00	0.00

UM
 10/31/15

Quantitation Report (Qedit)

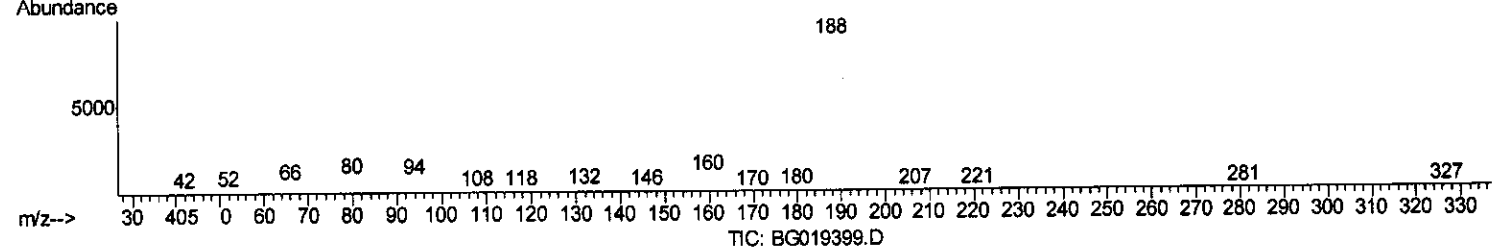
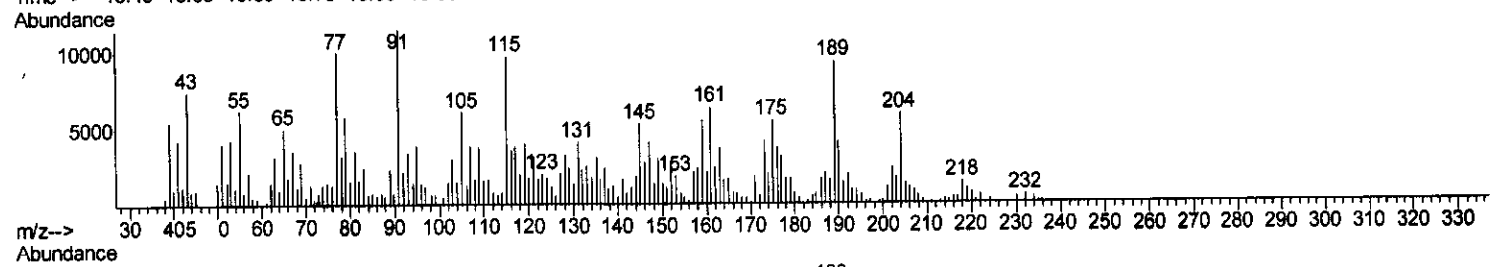
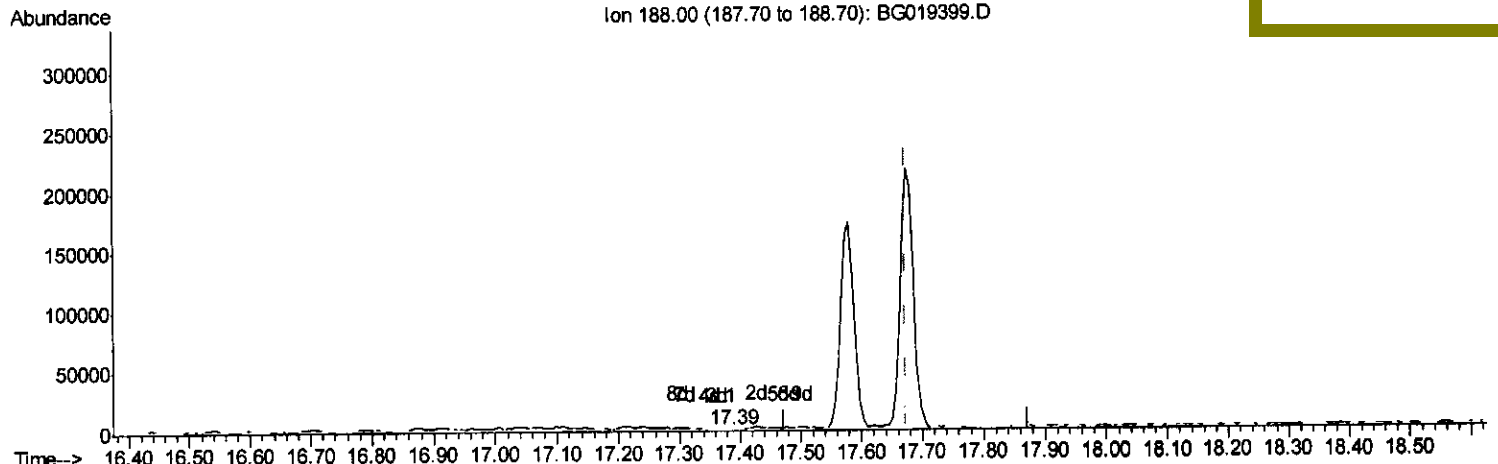
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acc On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(71) Anthracene-d10 (S)

17.386min (-0.287) 8.53ng/ul

response 322

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	90.88#
80.00	7.00	97.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

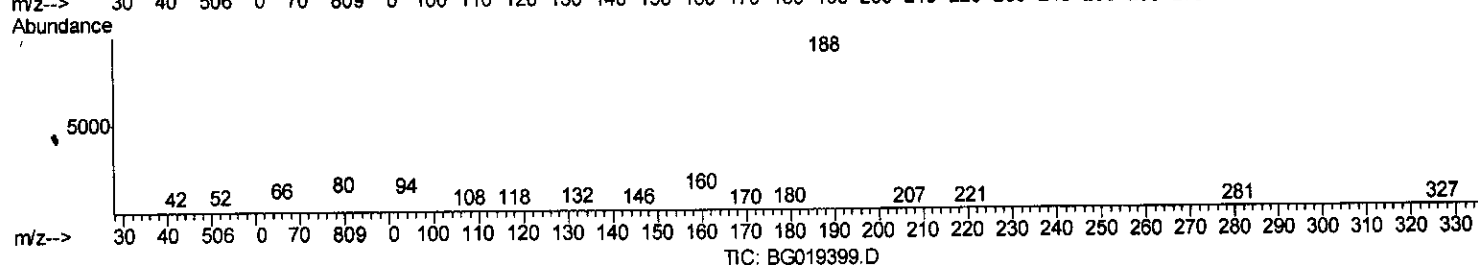
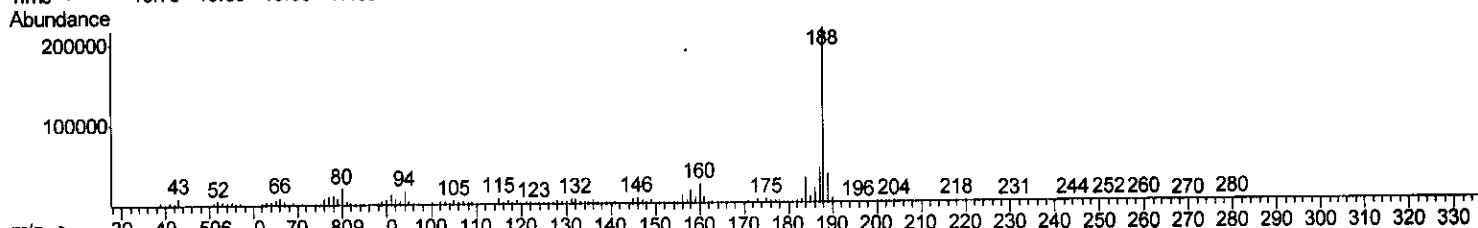
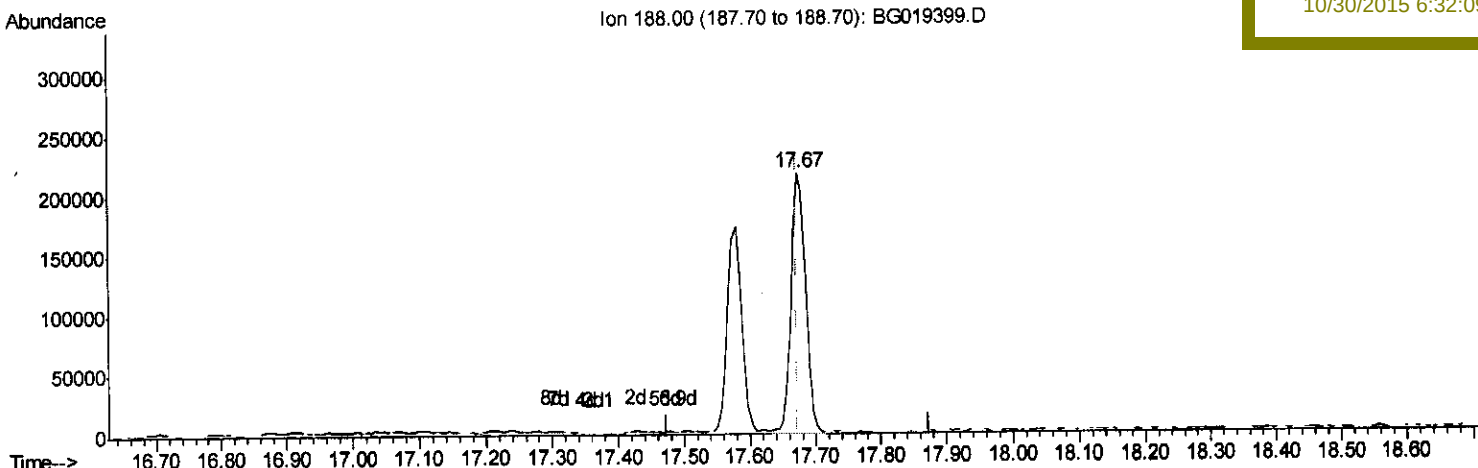
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(71) Anthracene-d10 (S)

17.674min (+0.001) 27.26ng/ul m

response 333576

U.M
 10/31/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	7.60#
80.00	7.00	9.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

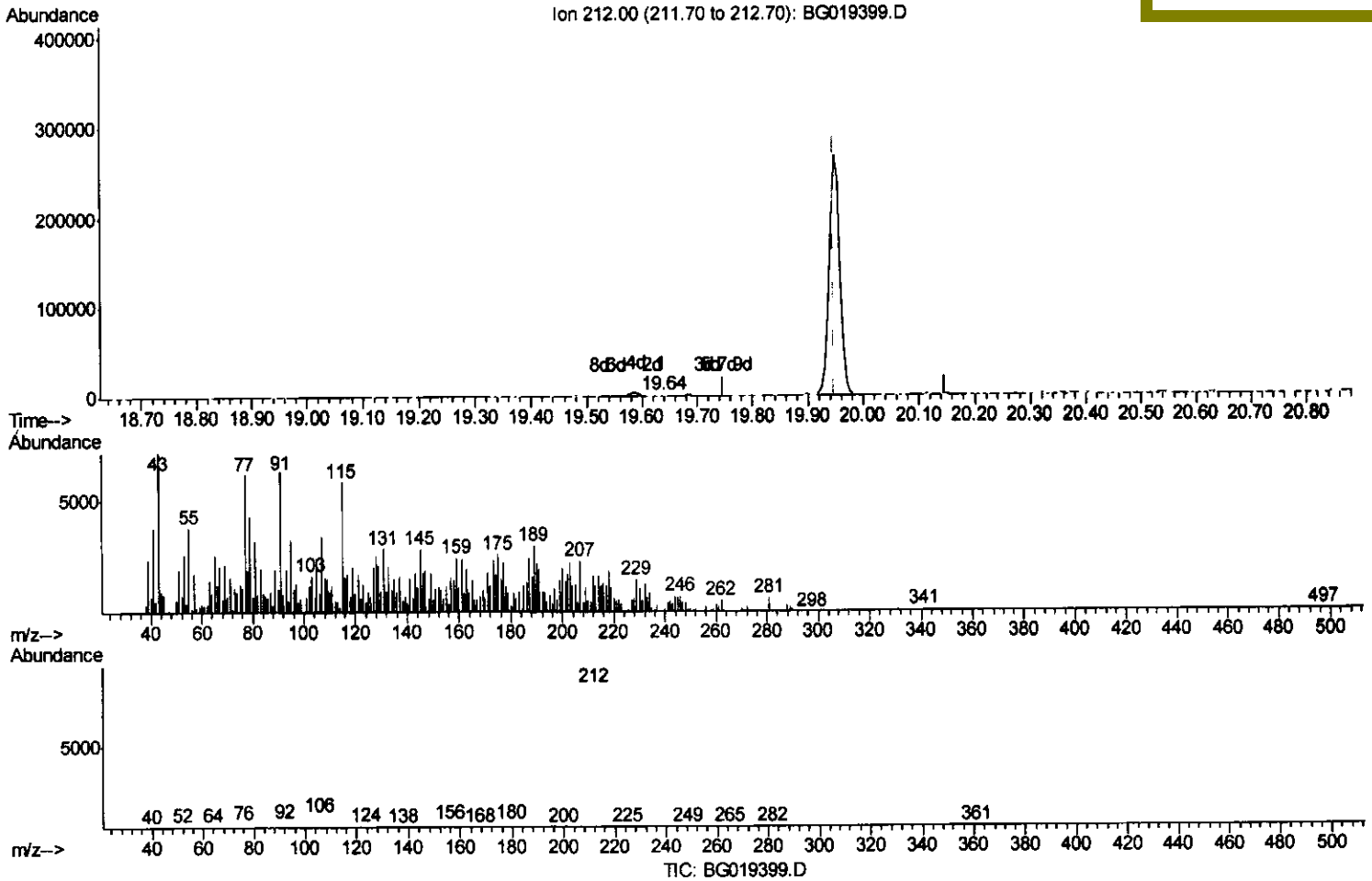
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(79) Pyrene-d10 (S)

19.636min (-0.311) 56.38ng/ul

response 1315

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	54.96#
104.00	5.10	44.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

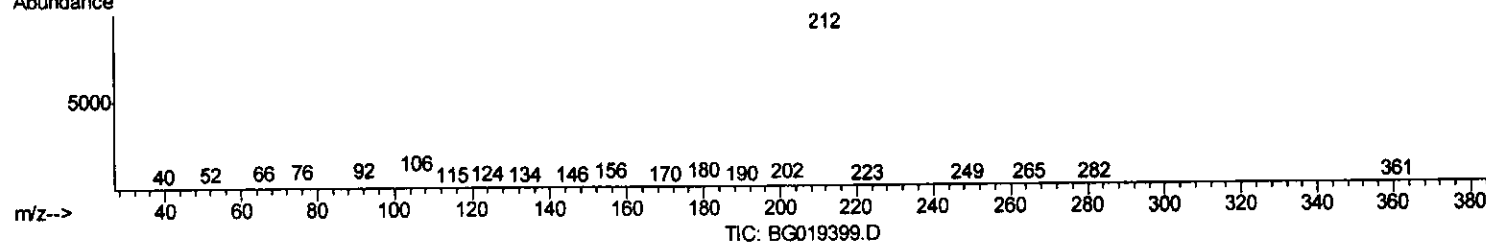
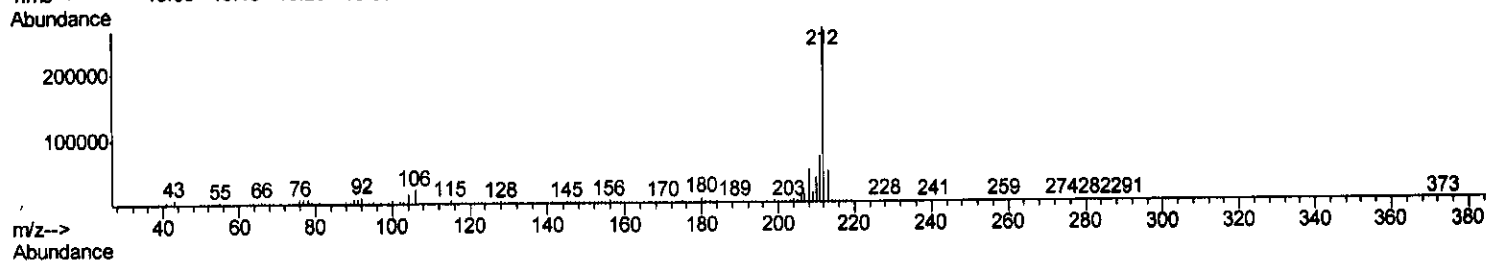
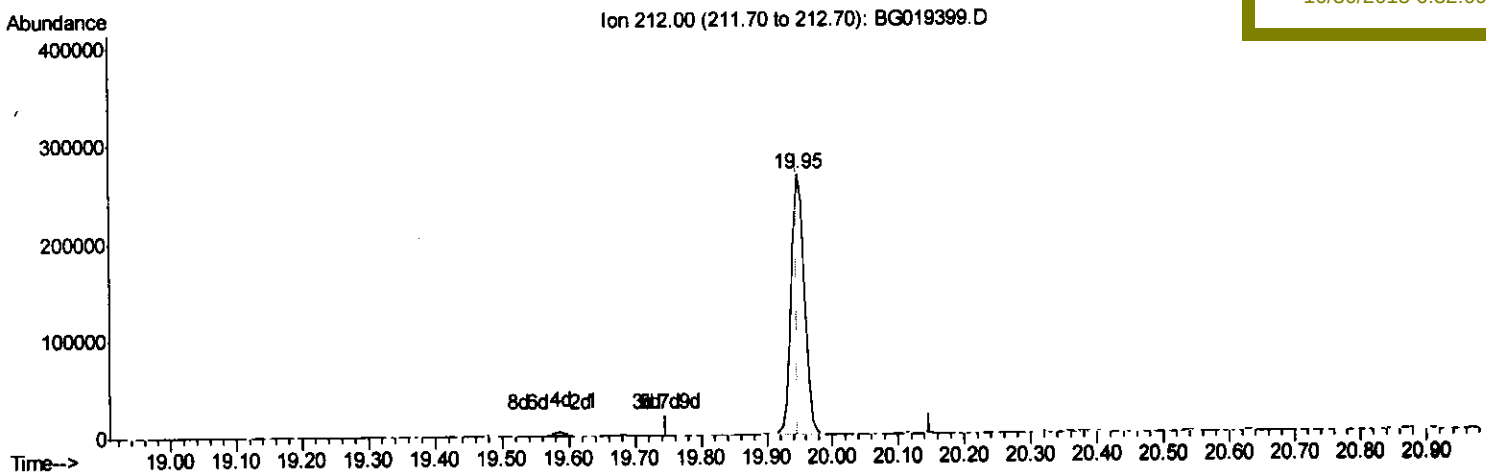
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(79) Pyrene-d10 (S)

19.947min (+0.001) 26.49ng/ul m U.M

response 371909

10/31/15

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	8.18#
104.00	5.10	5.64
0.00	0.00	0.00

Quantitation Report (Qedit)

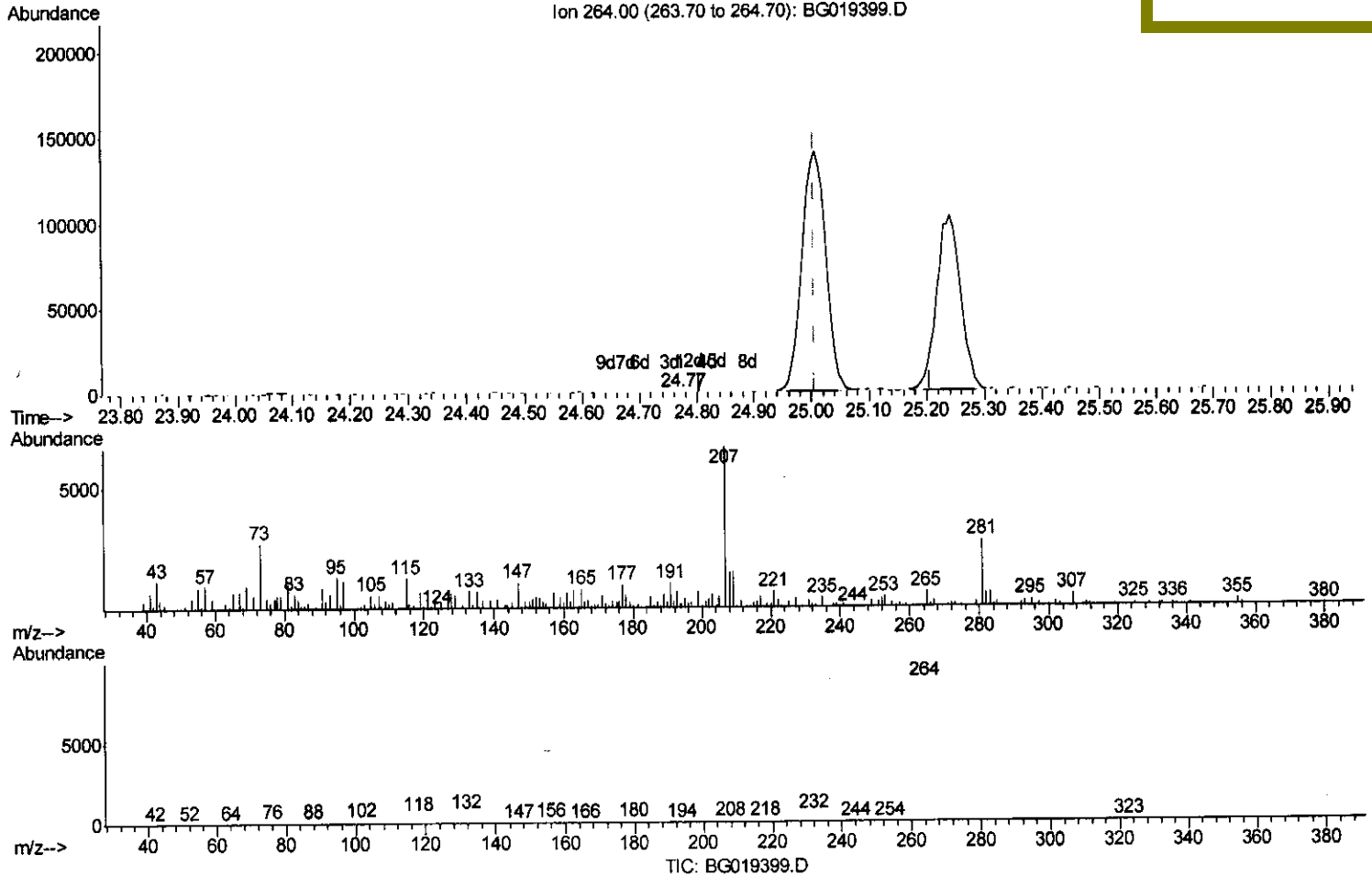
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



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

24.771min (-0.234) 0.00ng/ul

response 55

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	0.00#
118.00	4.50	123.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

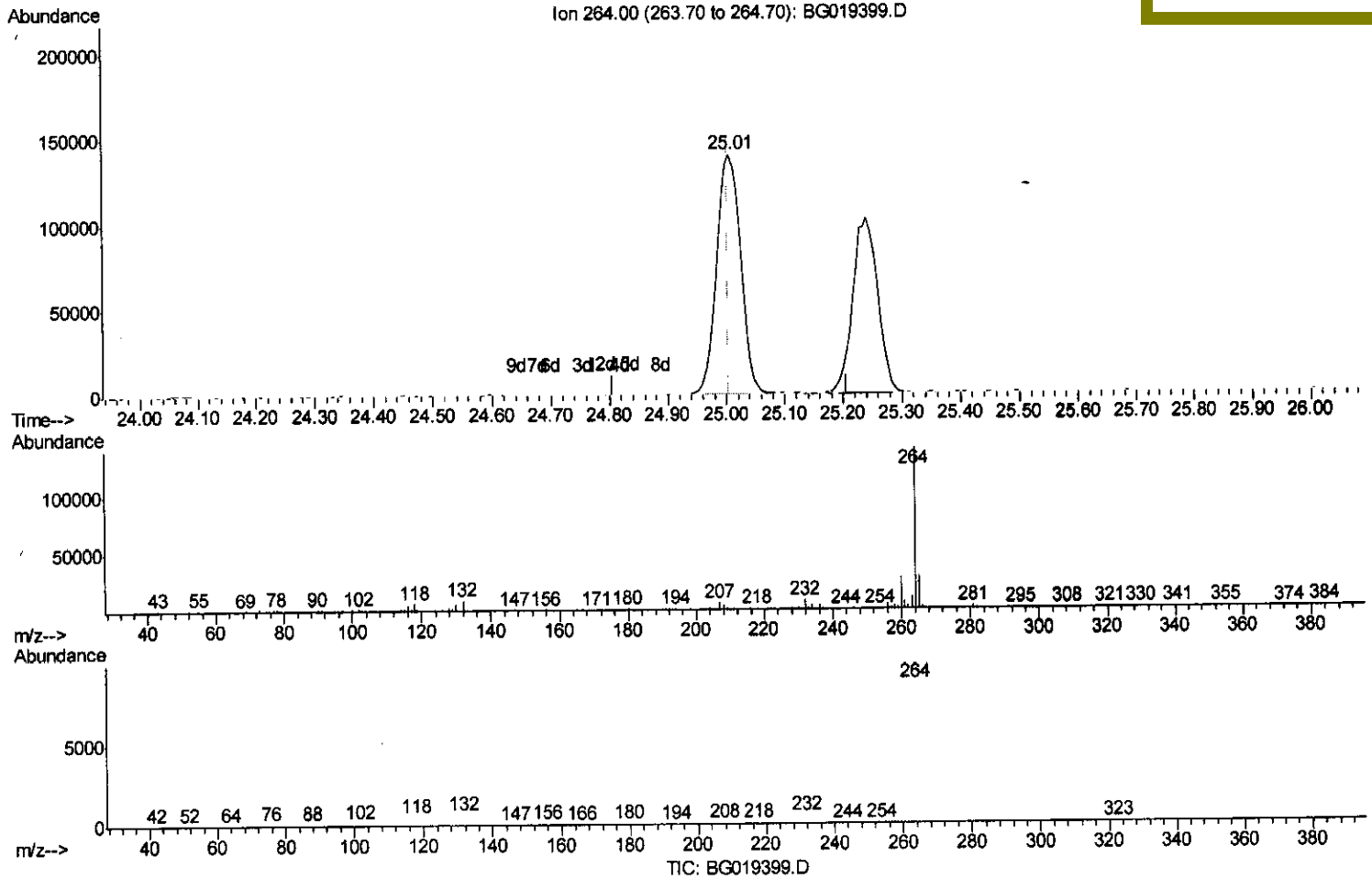
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



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

25.006min (+0.001) 26.37ng/ul m

response 400863

Ion	Exp%	Act%
264.00	100	100
132.00	4.80	6.58#
118.00	4.50	4.63
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

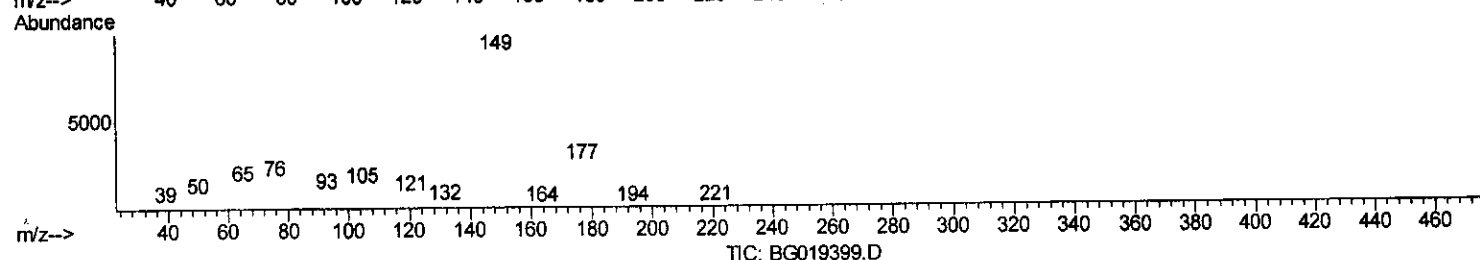
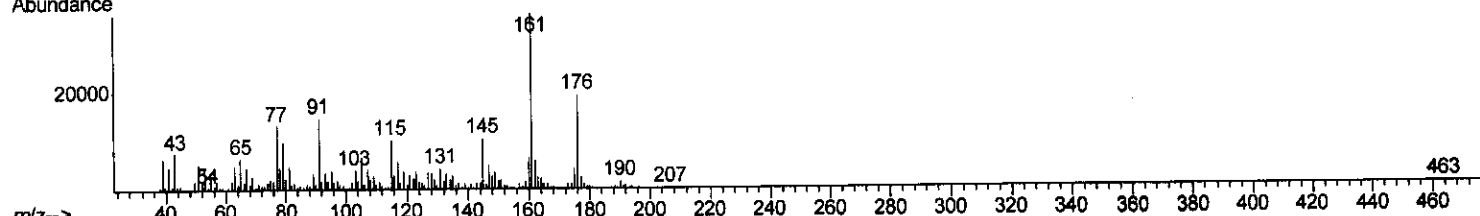
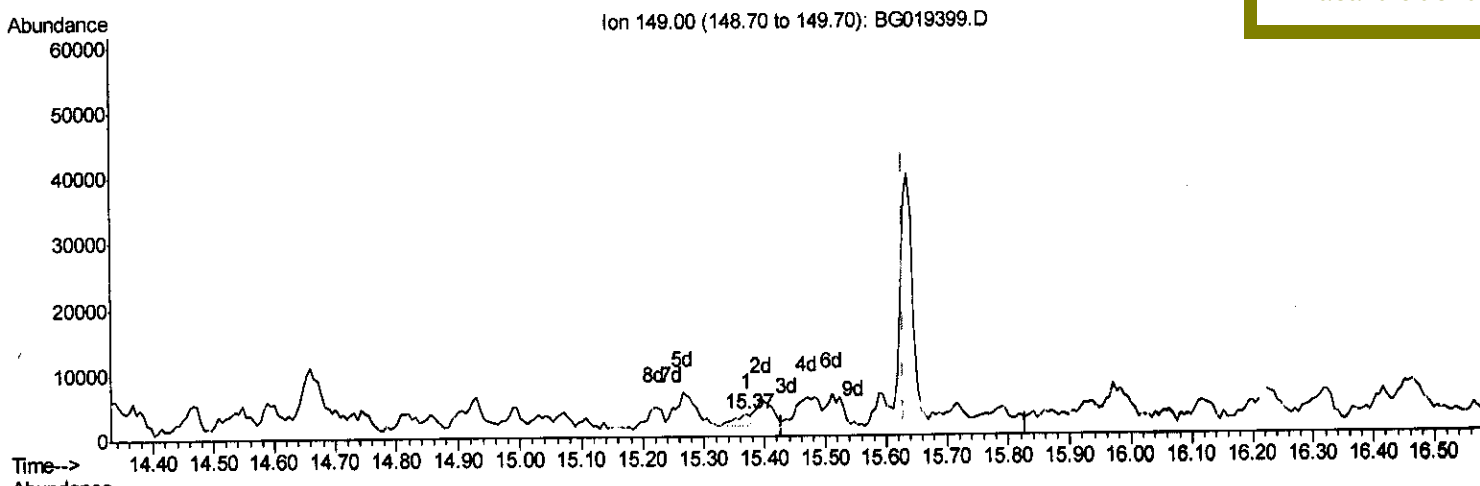
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(57) Diethylphthalate

15.370min (-0.258) 4.83ng/ul

response 3362

Ion	Exp%	Act%
149.00	100	100
177.00	25.70	76.82#
150.00	14.00	53.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

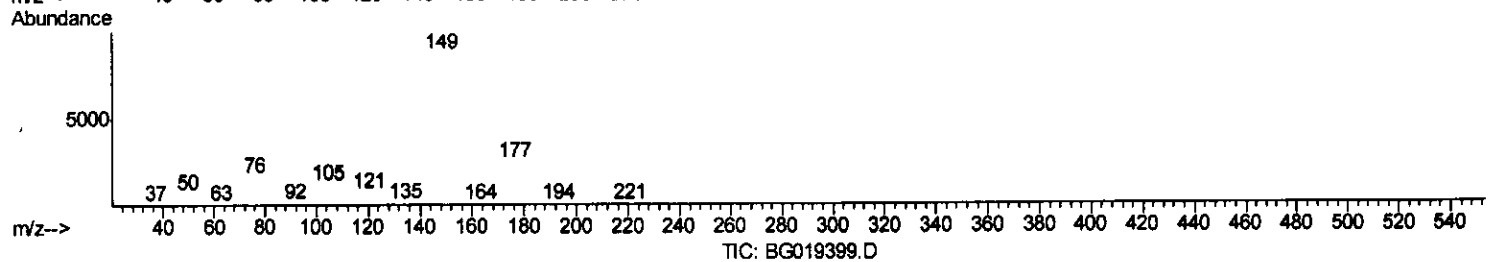
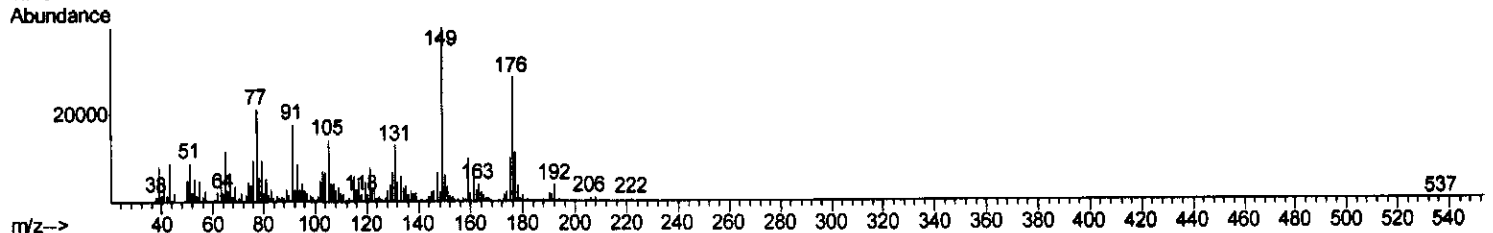
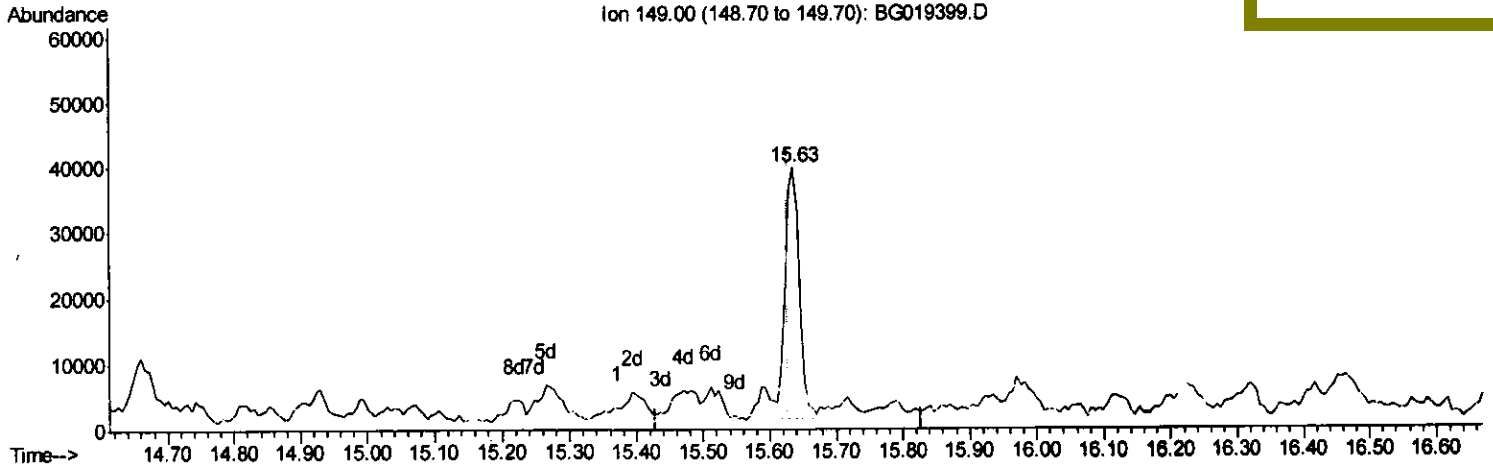
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(57) Diethylphthalate

15.635min (+0.007) 5.07ng/ul m

response 55030

Ion Exp% Act%

149.00	100	100
177.00	25.70	28.60
150.00	14.00	15.31
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

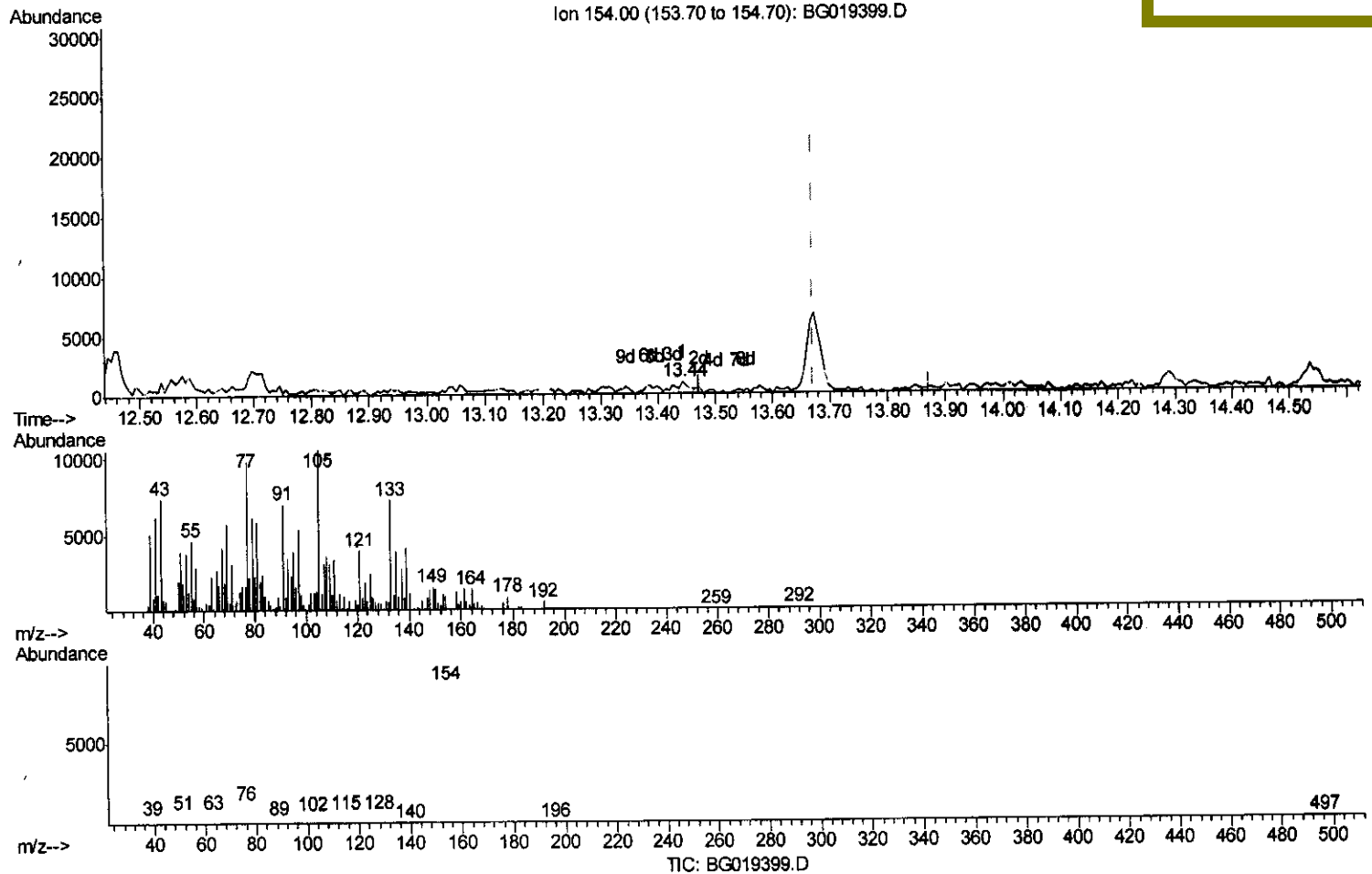
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(41) 1,1'-Biphenyl

13.443min (-0.228) 1.24ng/ul

response 731

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	114.55#
76.00	9.60	165.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

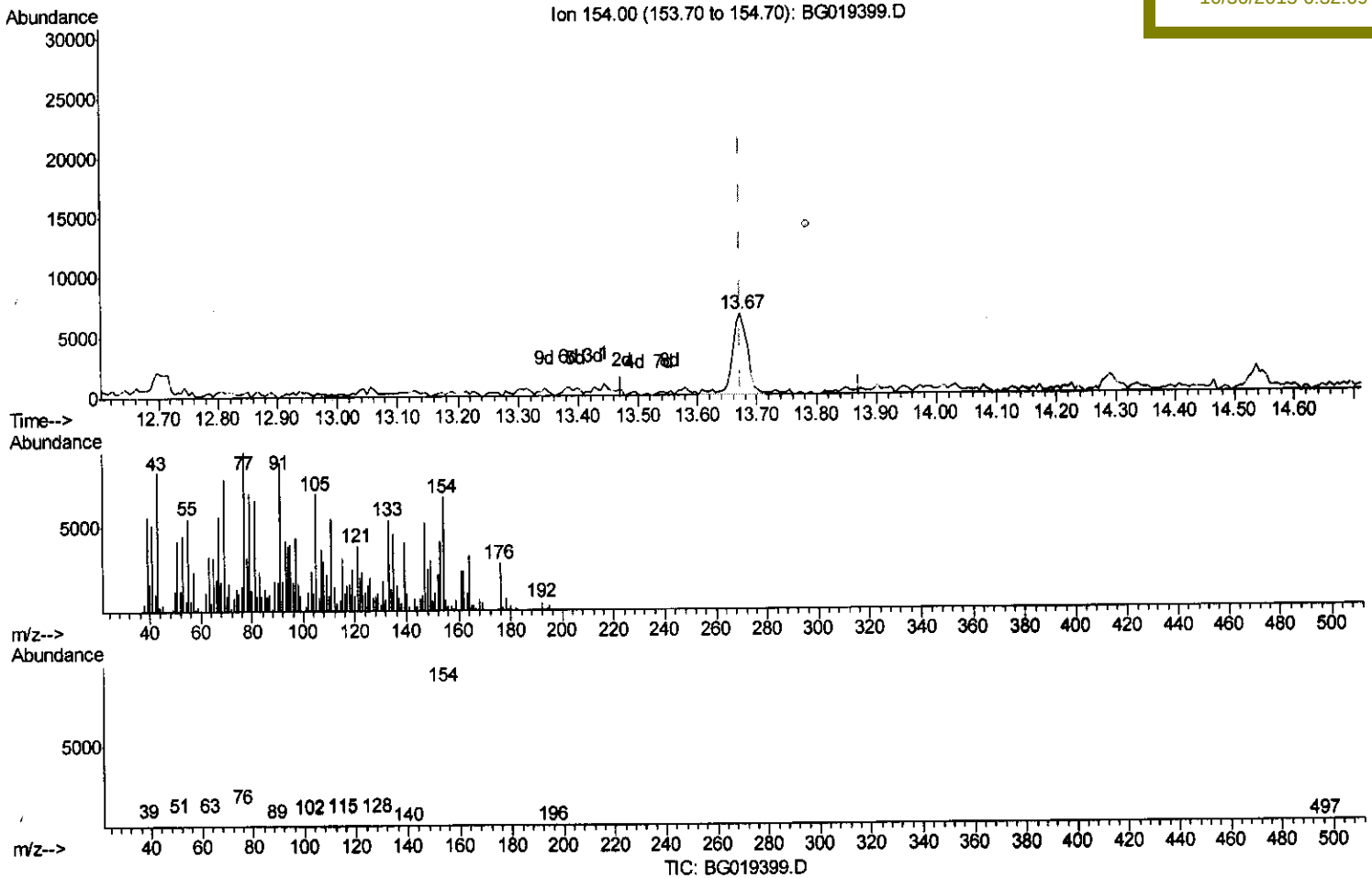
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(41) 1,1'-Biphenyl

13.672min (+0.001) 1.30ng/ul m

response 11997

U.M
 10/31/15

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	61.49#
76.00	9.60	24.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

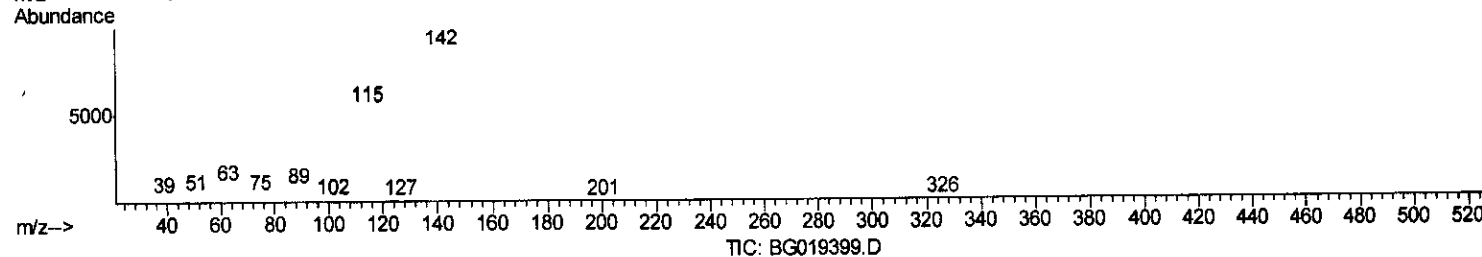
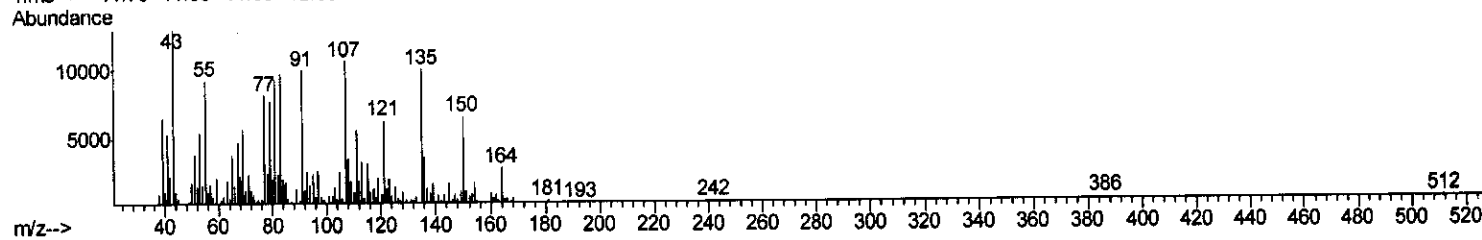
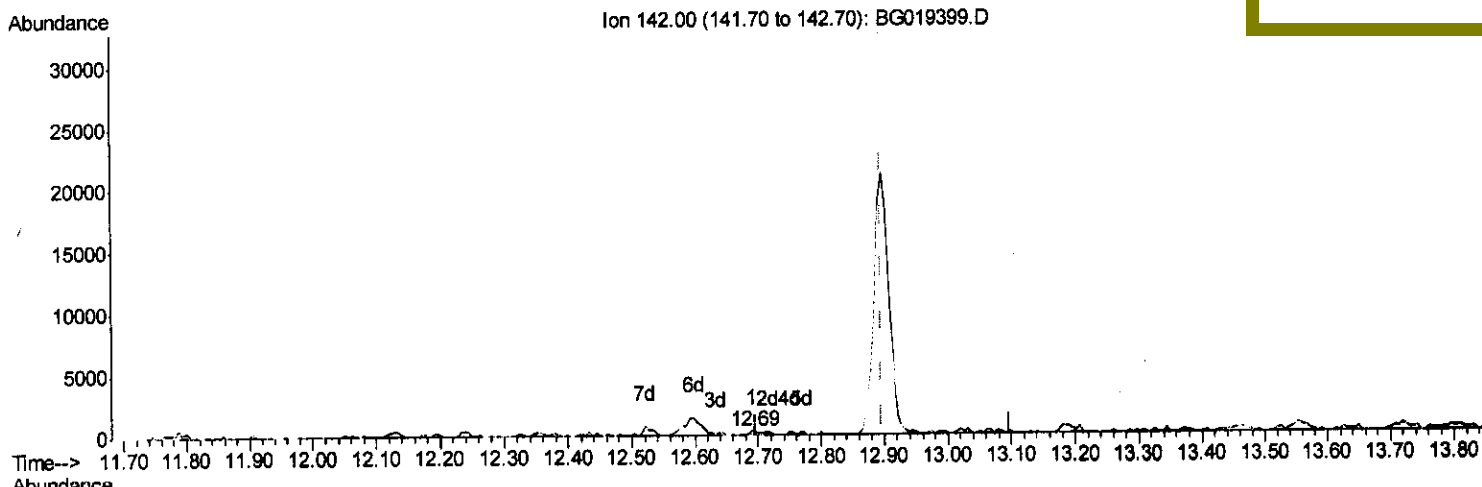
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(35) 1-Methylnaphthalene

12.691min (-0.205) 0.23ng/ul

response 428

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	214.84#
116.00	6.70	274.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

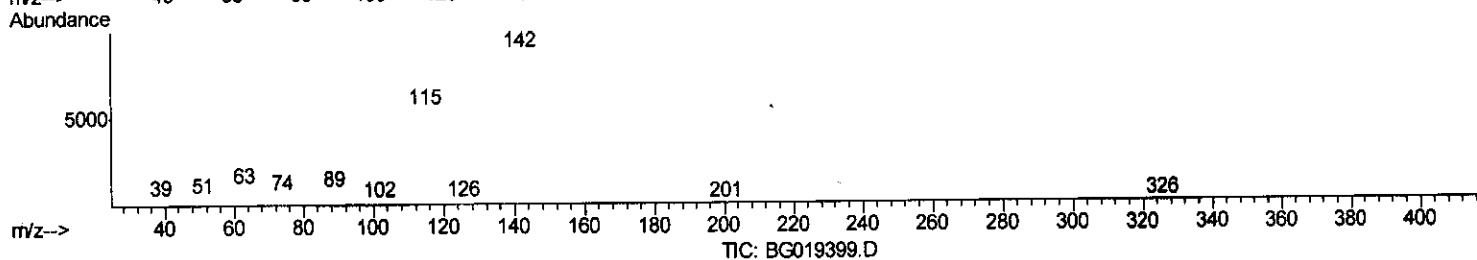
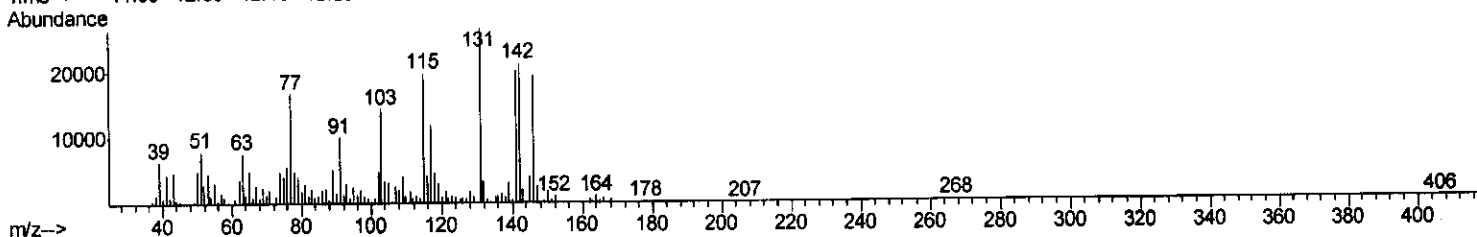
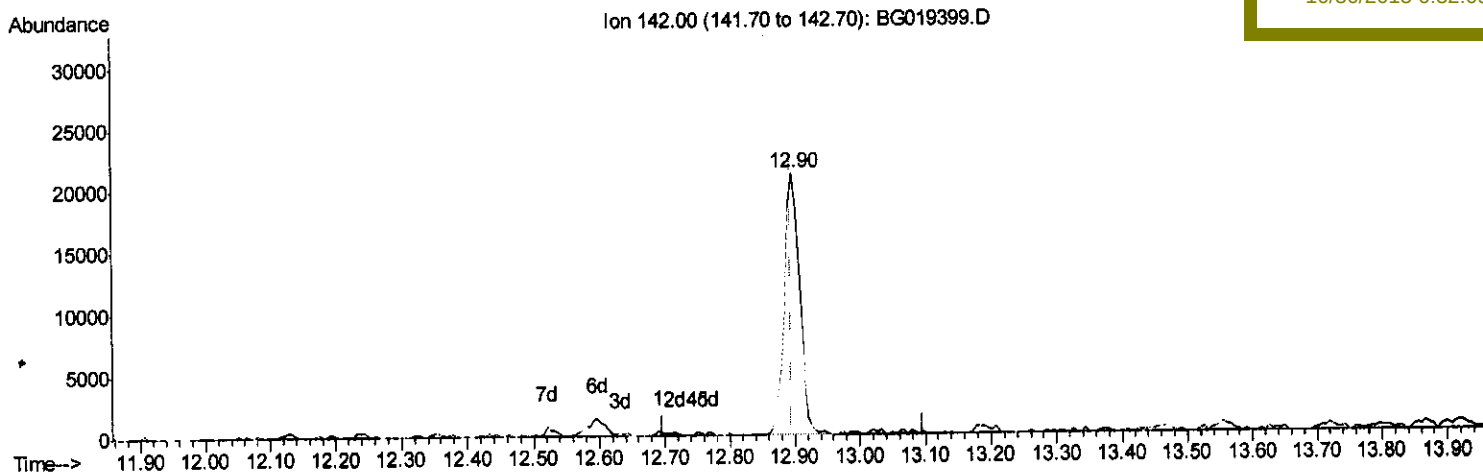
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(35) 1-Methylnaphthalene

12.897min (+0.001) 6.23ng/ul m

response 34232

U.M
 10/31/15

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	94.28
116.00	6.70	20.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

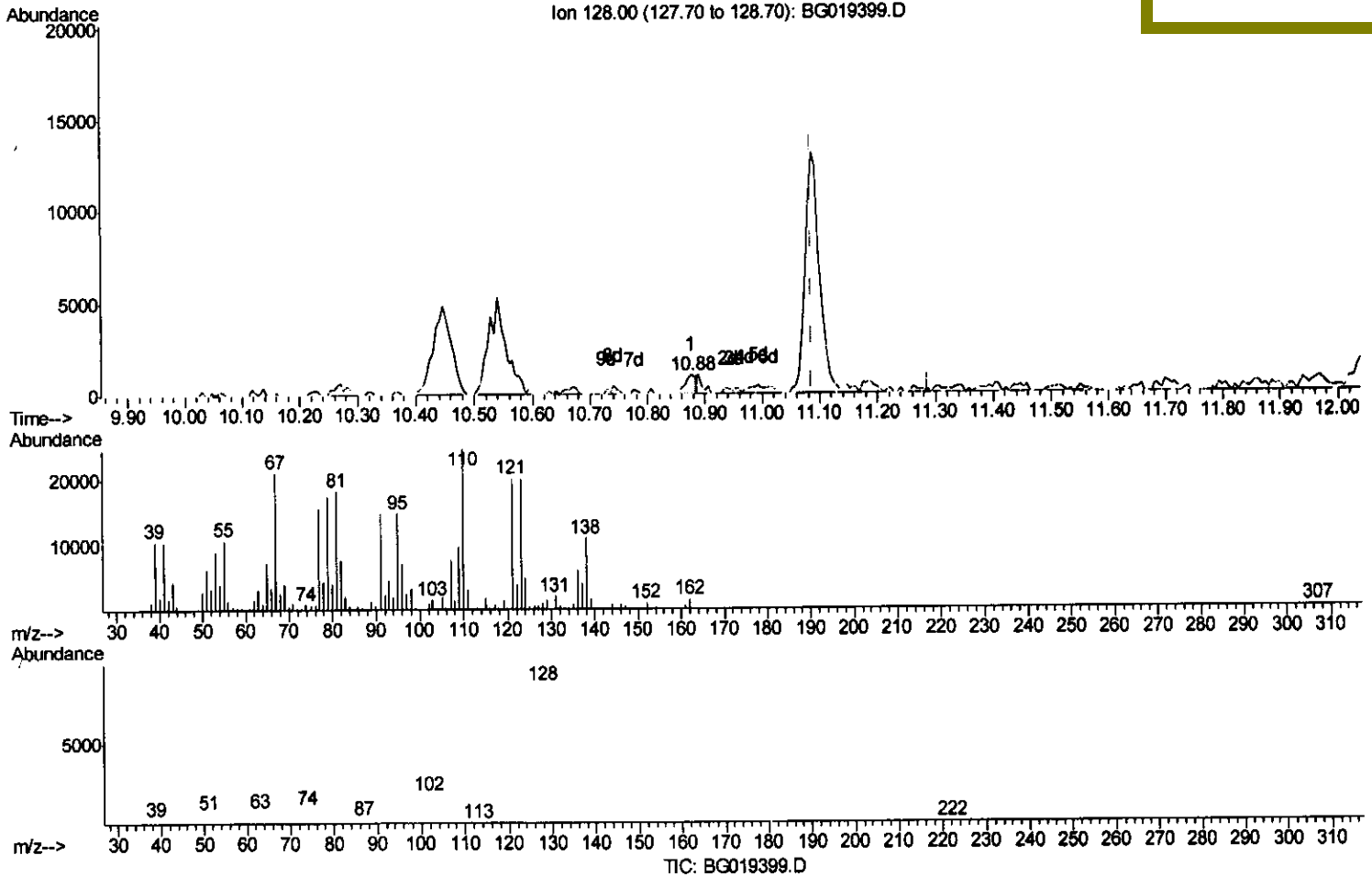
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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 6:32:09 PM



(28) Naphthalene

10.876min (-0.211) 0.52ng/ul

response 1270

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	135.78#
127.00	16.40	60.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

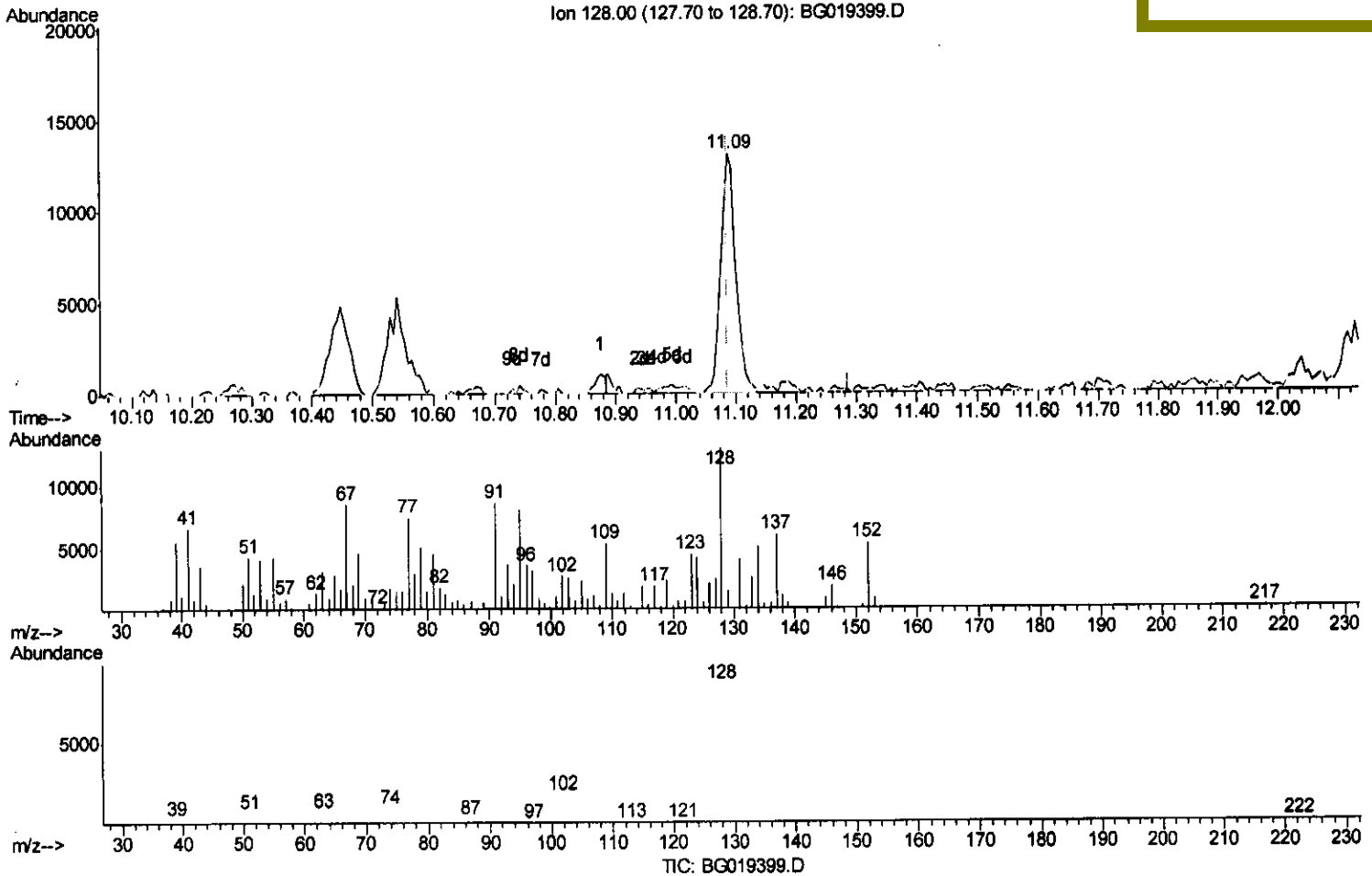
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(28) Naphthalene

11.087min (+0.001) 3.12ng/ul m

U.M
 10/31/15

response 22554

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	12.17
127.00	16.40	19.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

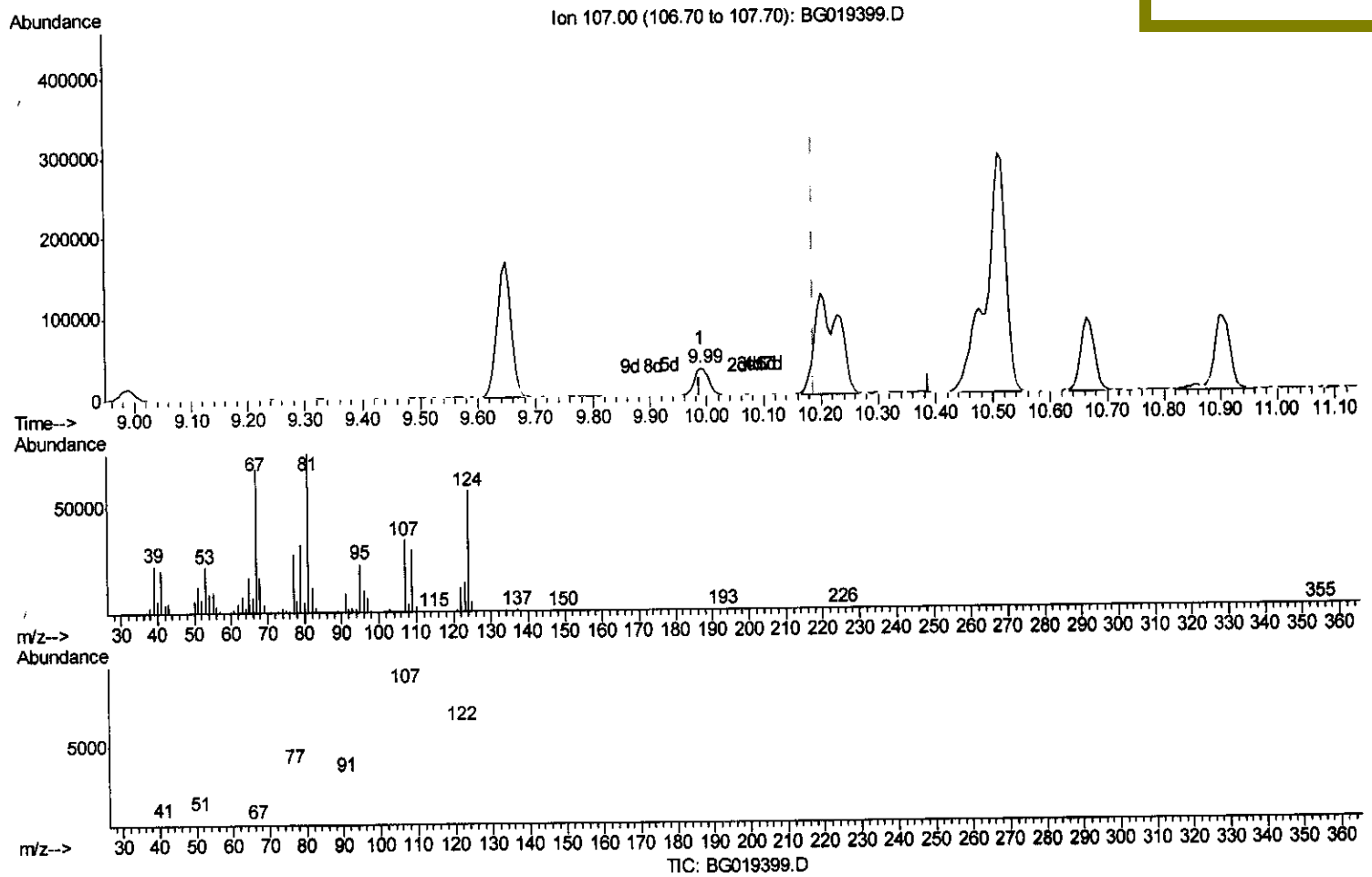
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLT6

Quant Time: Oct 29 08:22:15 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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(24) 2,4-Dimethylphenol

9.988min (-0.199) 46.13ng/ul

response 58588

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	4.13#
122.00	67.70	33.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

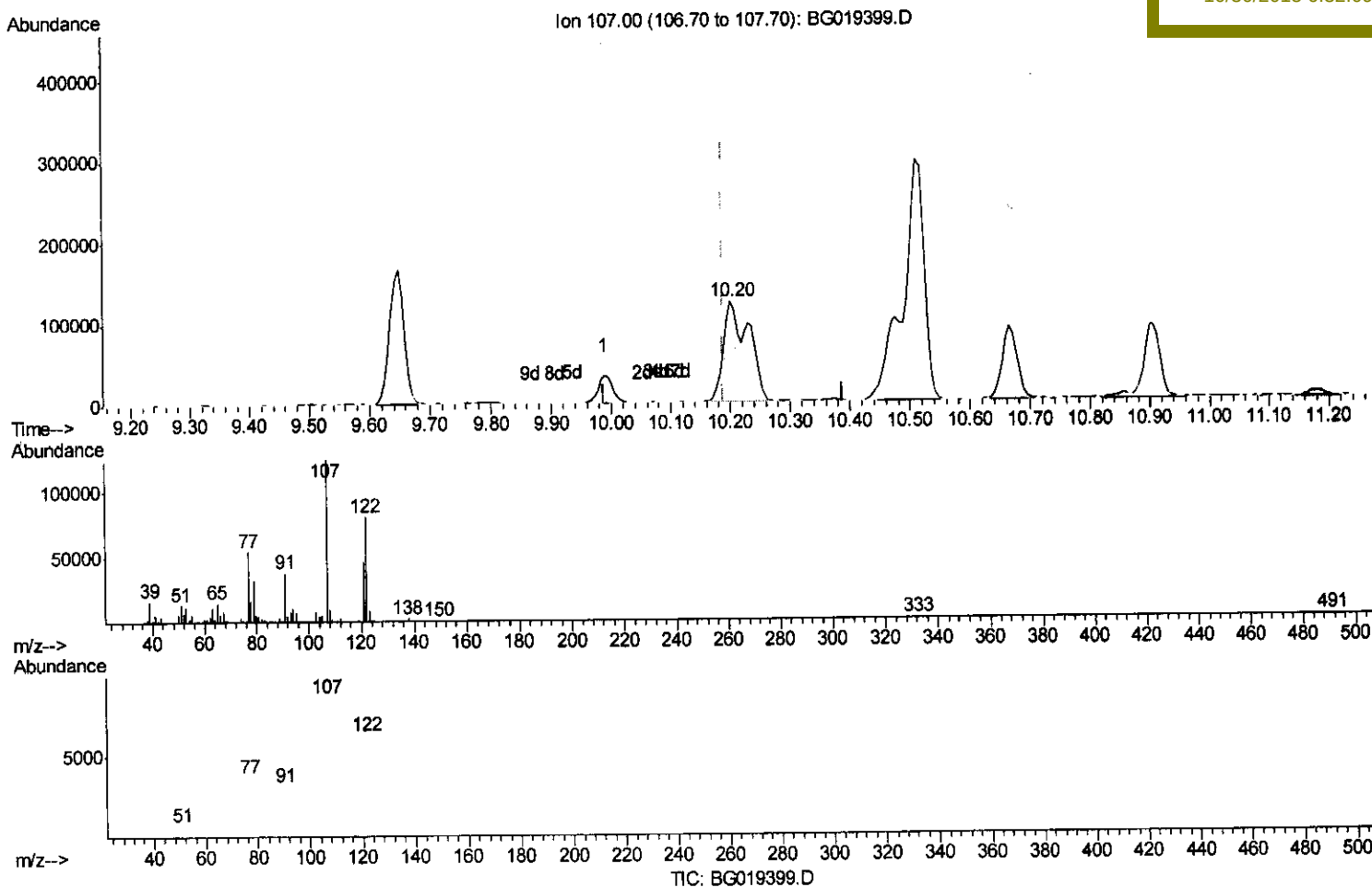
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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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 10/30/2015 6:32:09 PM



(24) 2,4-Dimethylphenol

10.200min (+0.013) 98.08ng/ul m

response 366724

Ion Exp% Act%

107.00	100	100
121.00	41.20	37.16
122.00	67.70	64.97
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

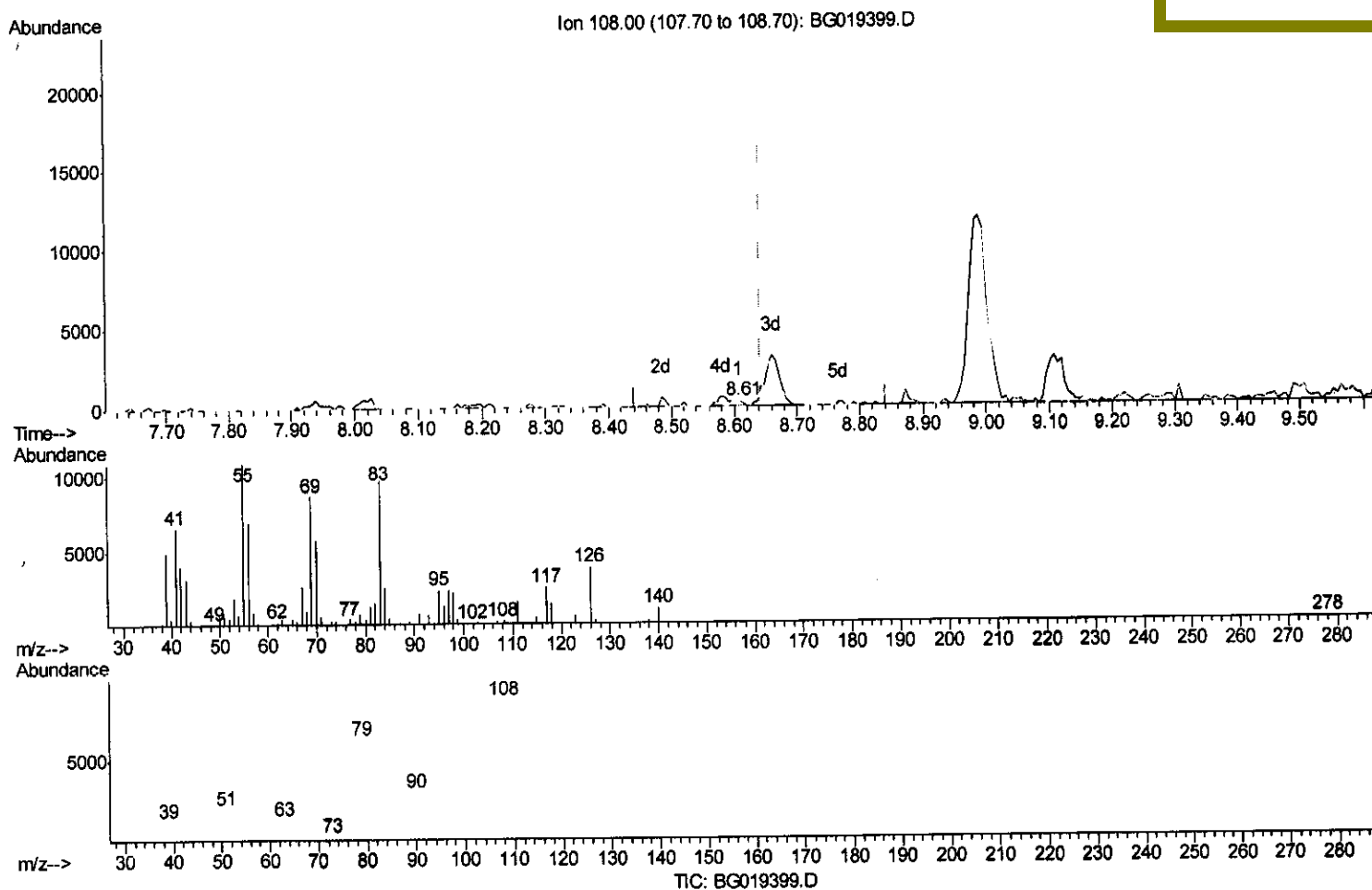
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 08:22:15 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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 10/30/2015 6:32:09 PM



(11) 2-Methylphenol

8.608min (-0.034) 0.08ng/ul

response 197

Ion	Exp%	Act%
108.00	100	100
107.00	89.00	86.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

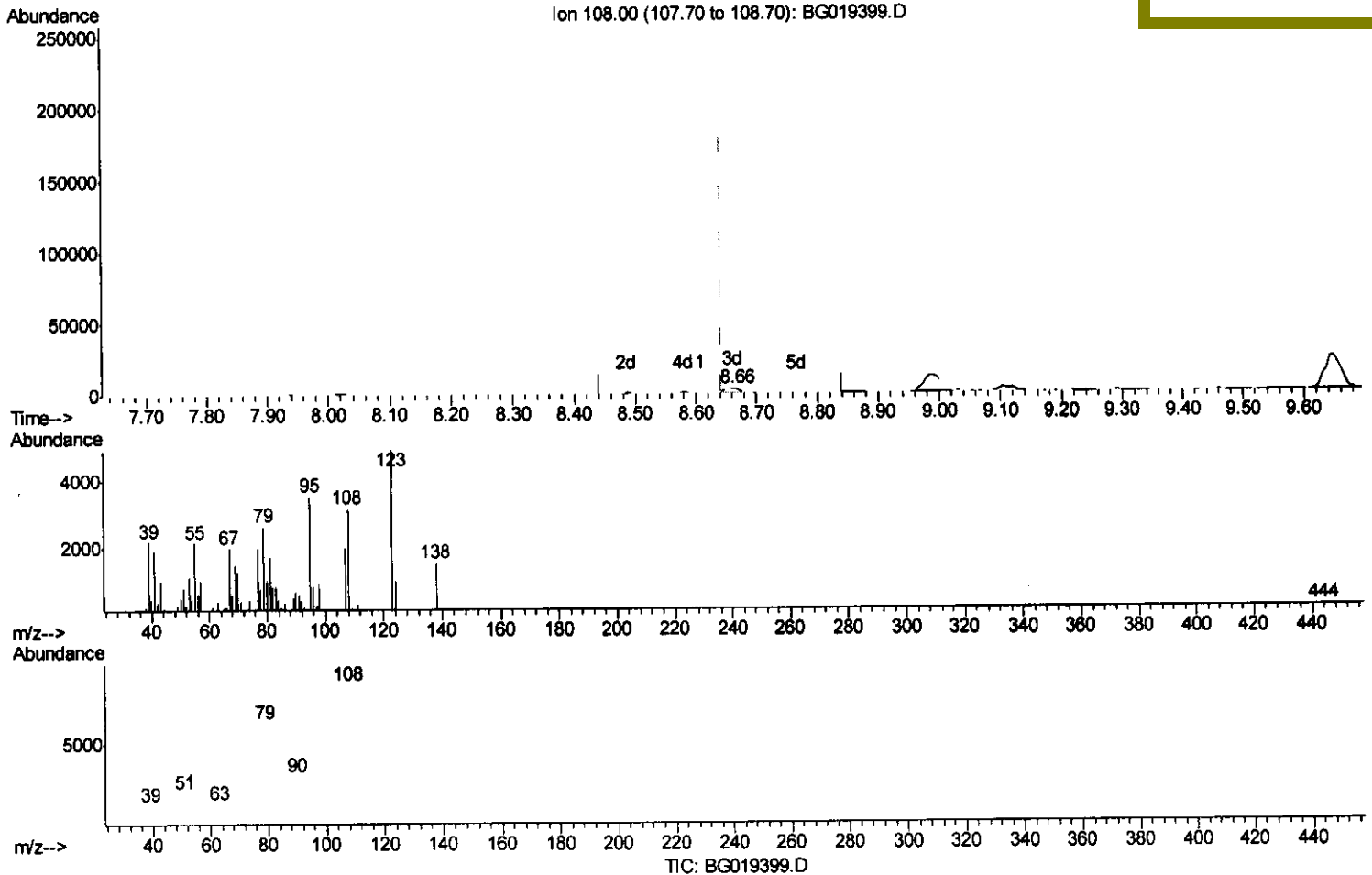
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Oct 29 04:43:57 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 6:32:09 PM



(11) 2-Methylphenol

8.661min (+0.018) 2.05ng/ul m

response 5308

Ion Exp% Act%

108.00 100 100

107.00 89.00 63.43#

0.00 0.00 0.00

0.00 0.00 0.00

U.M
 10/31/15

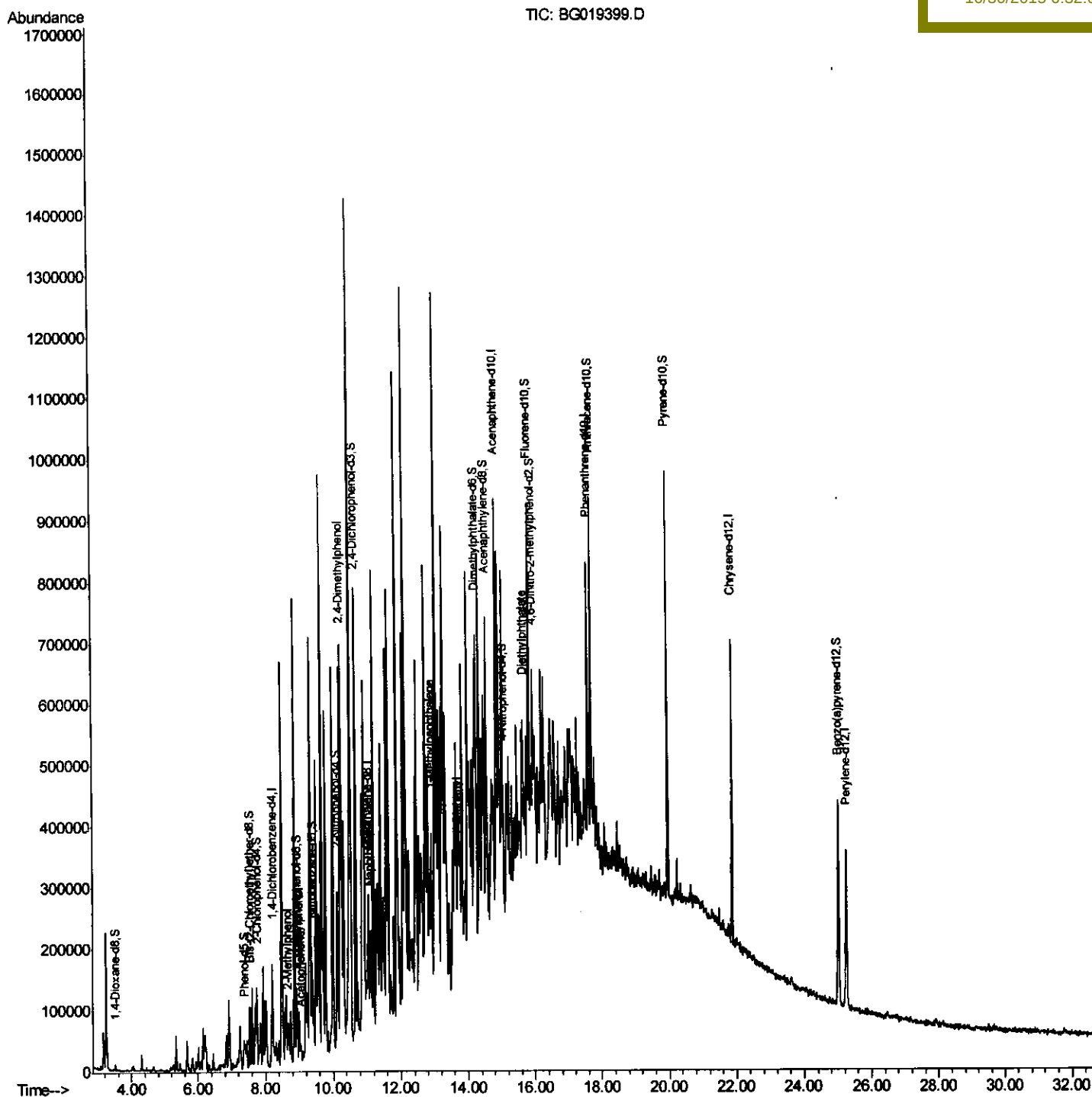
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019399.D
Acq On : 29 Oct 2015 2:46
Operator : UM/NP
Sample : G4120-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LT6

Quant Time: Nov 10 16:33:04 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 6:32:09 PM



Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Nov 10 16:33:04 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 6:32:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	144465m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	130260m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	268432m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	320838m	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	302966m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4244	5.68	ng/uL	-0.01
5) Phenol-d5	7.36	99	19859	6.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	51843	24.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	41850	20.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	37701	14.41	ng/ul	0.01
19) Nitrobenzene-d5	9.38	128	27478m	25.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	31803m	25.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	62844m	22.98	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.24	166	224655m	20.92	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	255040m	21.44	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10379m	6.08	ng/ul	0.04
58) Fluorene-d10	15.82	176	252572m	25.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	48641m	28.00	ng/ul	0.00
71) Anthracene-d10	17.67	188	333576m	27.26	ng/ul	0.00
79) Pyrene-d10	19.95	212	371909m	26.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	400863m	26.37	ng/ul	0.00

Target Compounds

					Qvalue
11) 2-Methylphenol	8.66	108	5308m	2.05	ng/ul
14) Acetophenone	9.02	105	8112	1.85	ng/ul# 76
16) 4-Methylphenol	8.99	108	24045	8.51	ng/ul# 79
24) 2,4-Dimethylphenol	10.20	107	366724m	98.08	ng/ul
28) Naphthalene	11.09	128	22554m	3.12	ng/ul
35) 1-Methylnaphthalene	12.90	142	34229m	6.23	ng/ul
41) 1,1'-Biphenyl	13.67	154	11997m	1.30	ng/ul
57) Diethylphthalate	15.63	149	55030m	5.07	ng/ul

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

Quantitation Report (Qedit)

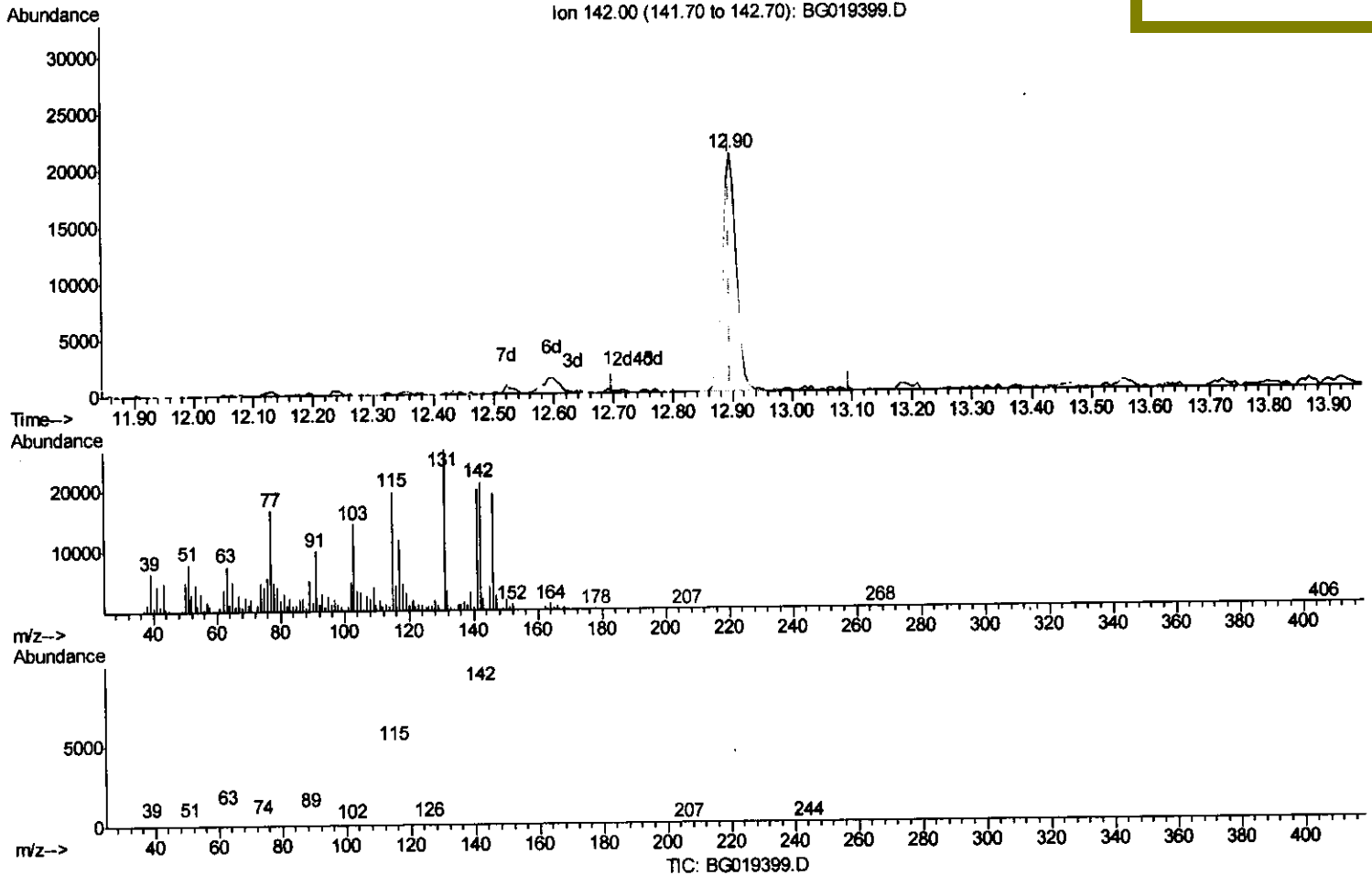
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Nov 10 16:33:04 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 6:32:09 PM



(35) 1-Methylnaphthalene

12.897min (+0.001) 6.23ng/ul m

response 34229

Ion	Exp%	Act%
142.00	100	100
141.00	95.60	94.28
116.00	6.70	20.28#
0.00	0.00	0.00

UM
10/31/15

Quantitation Report (Qedit)

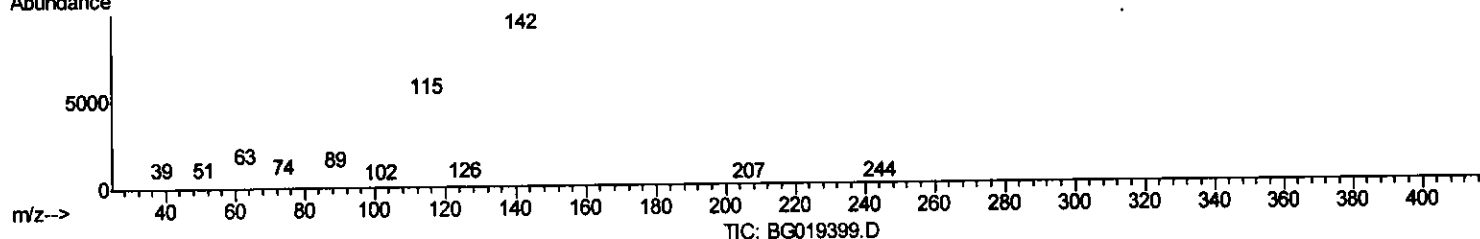
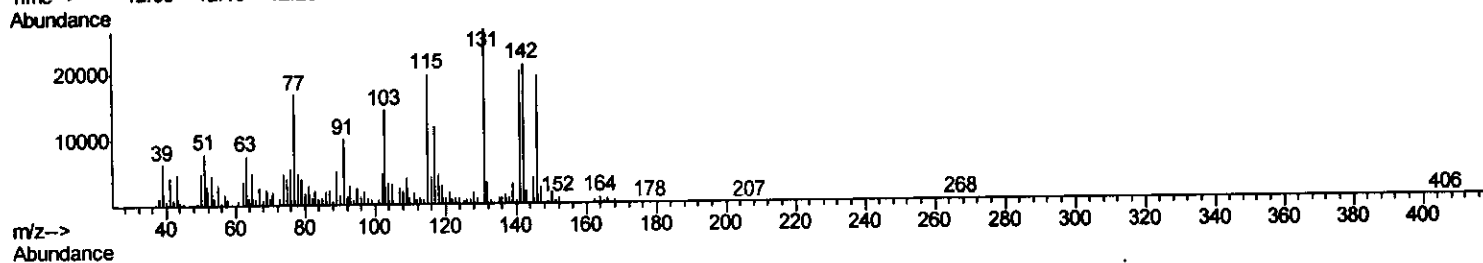
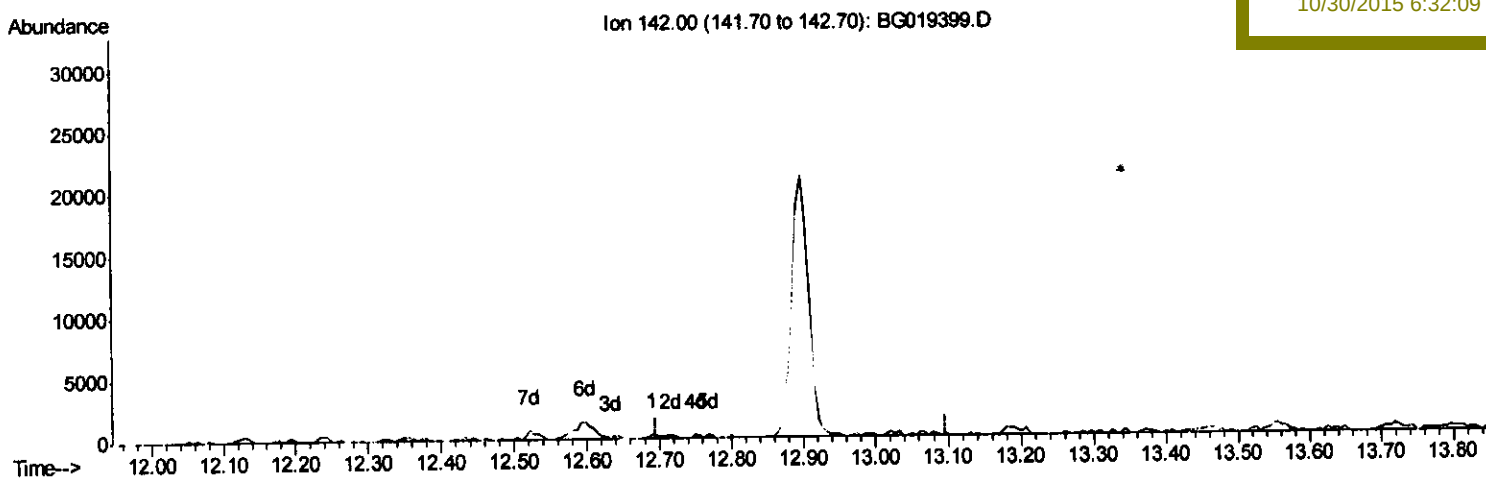
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019399.D
 Acq On : 29 Oct 2015 2:46
 Operator : UM/NP
 Sample : G4120-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LT6

Quant Time: Nov 02 03:49:50 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 6:32:09 PM



(35) 1-Methylnaphthalene

12.896min (-12.896) 0.00ng/ul d

response 0

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