

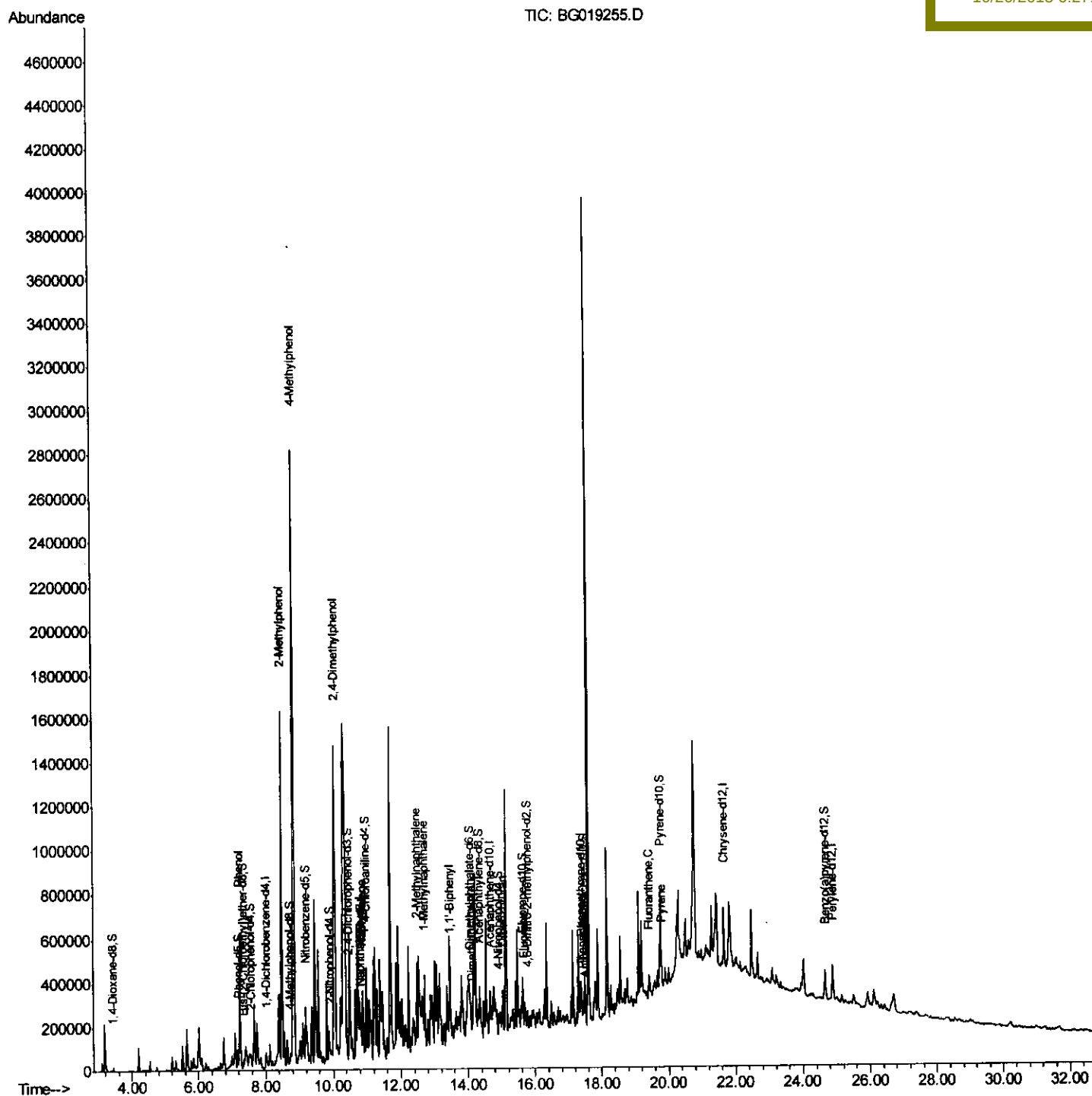
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5

Quant Time: Oct 20 07:55:55 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

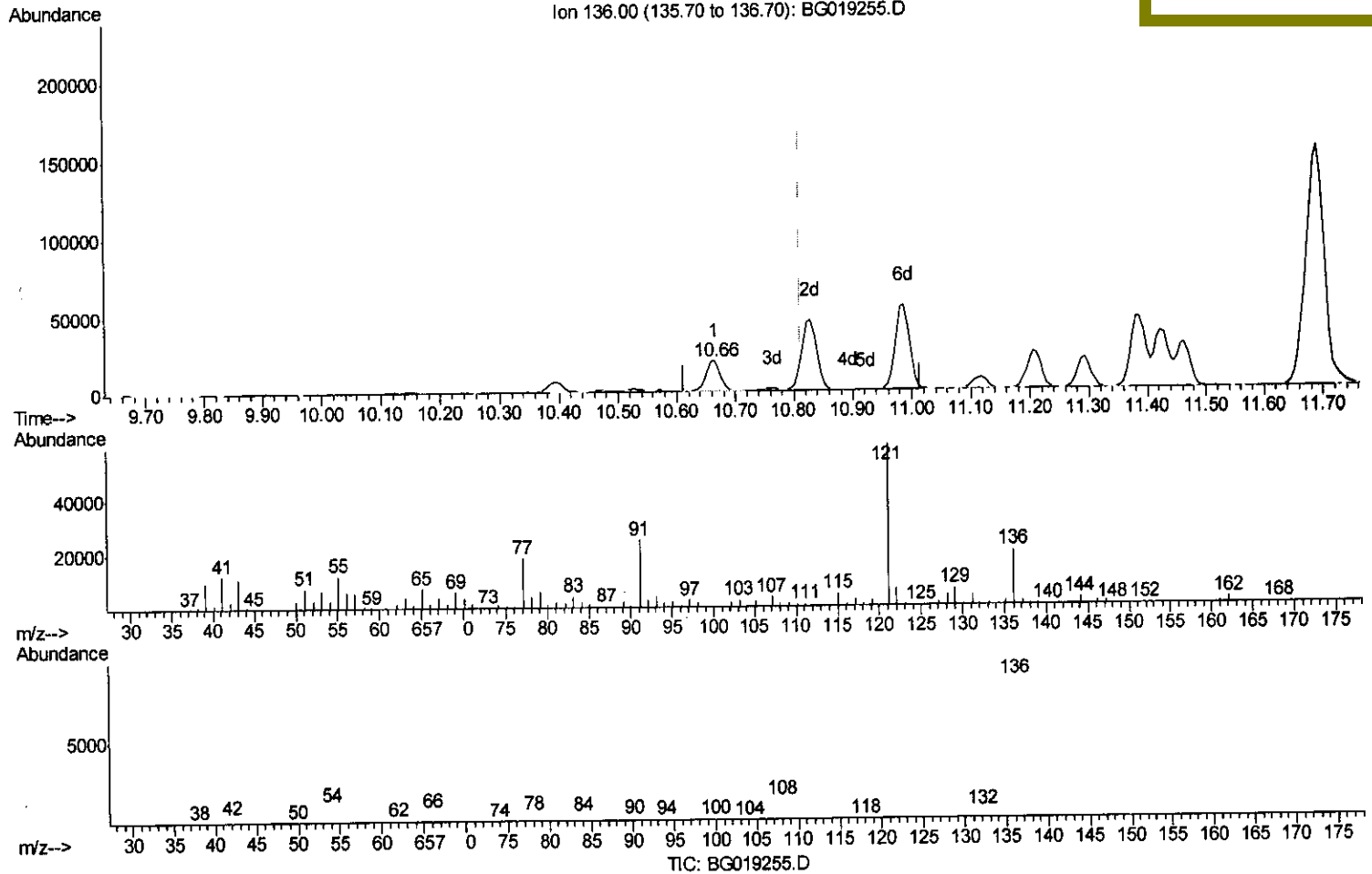
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(18) Naphthalene-d8 (I)

10.664min (-0.149) 20.00ng/ul

response 35011

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	8.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

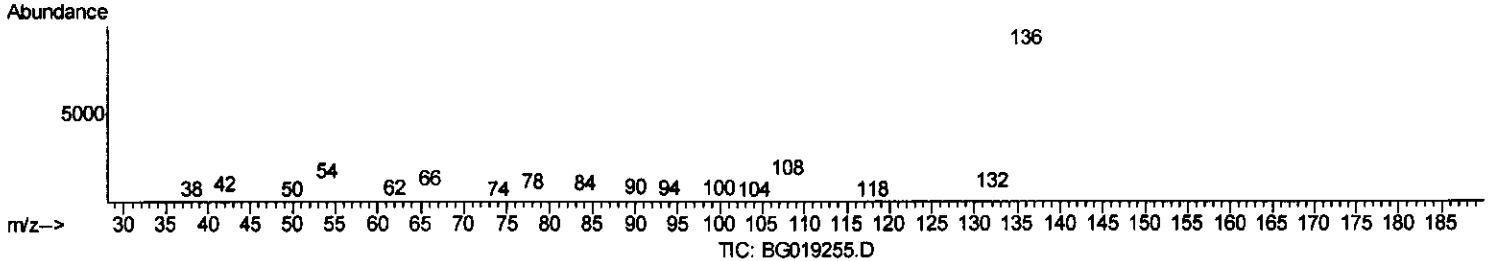
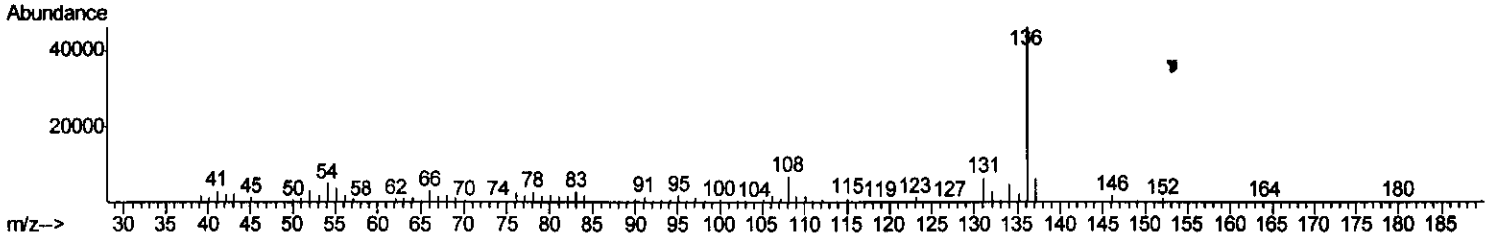
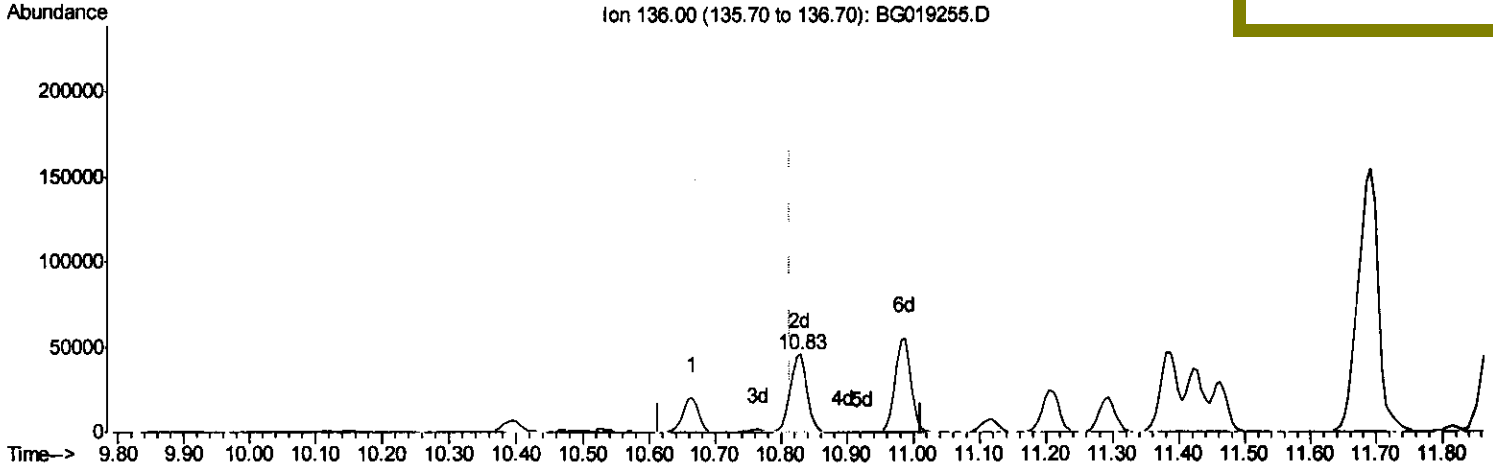
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(18) Naphthalene-d8 (I)

10.829min (+0.016) 20.00ng/ul m

response 82518

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	4.70#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

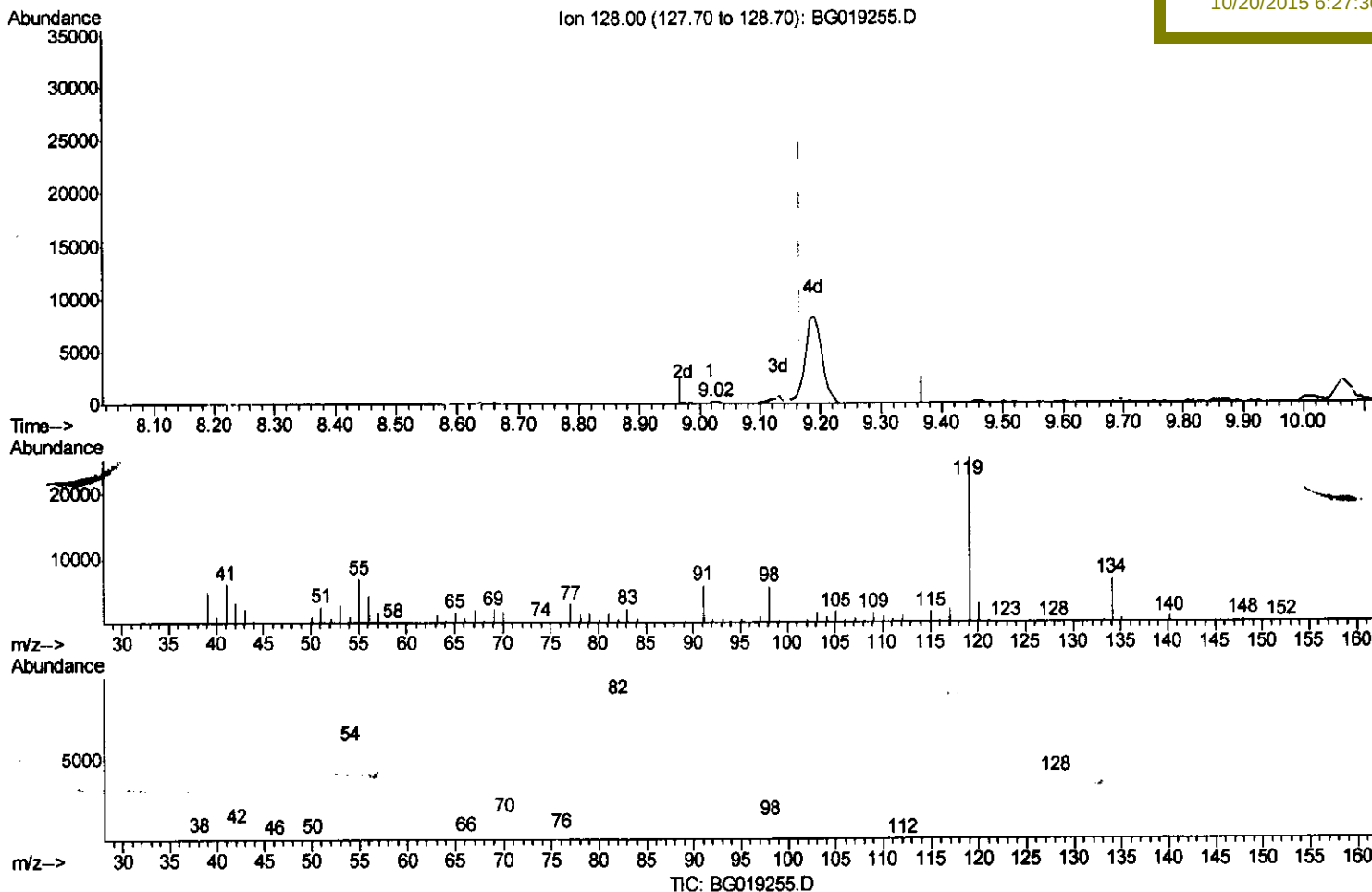
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(19) Nitrobenzene-d5 (S)

9.019min (-0.149) 0.86ng/ul

response 232

Ion	Exp%	Act%
128.00	100	100
82.00	237.40	291.80#
54.00	125.50	430.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

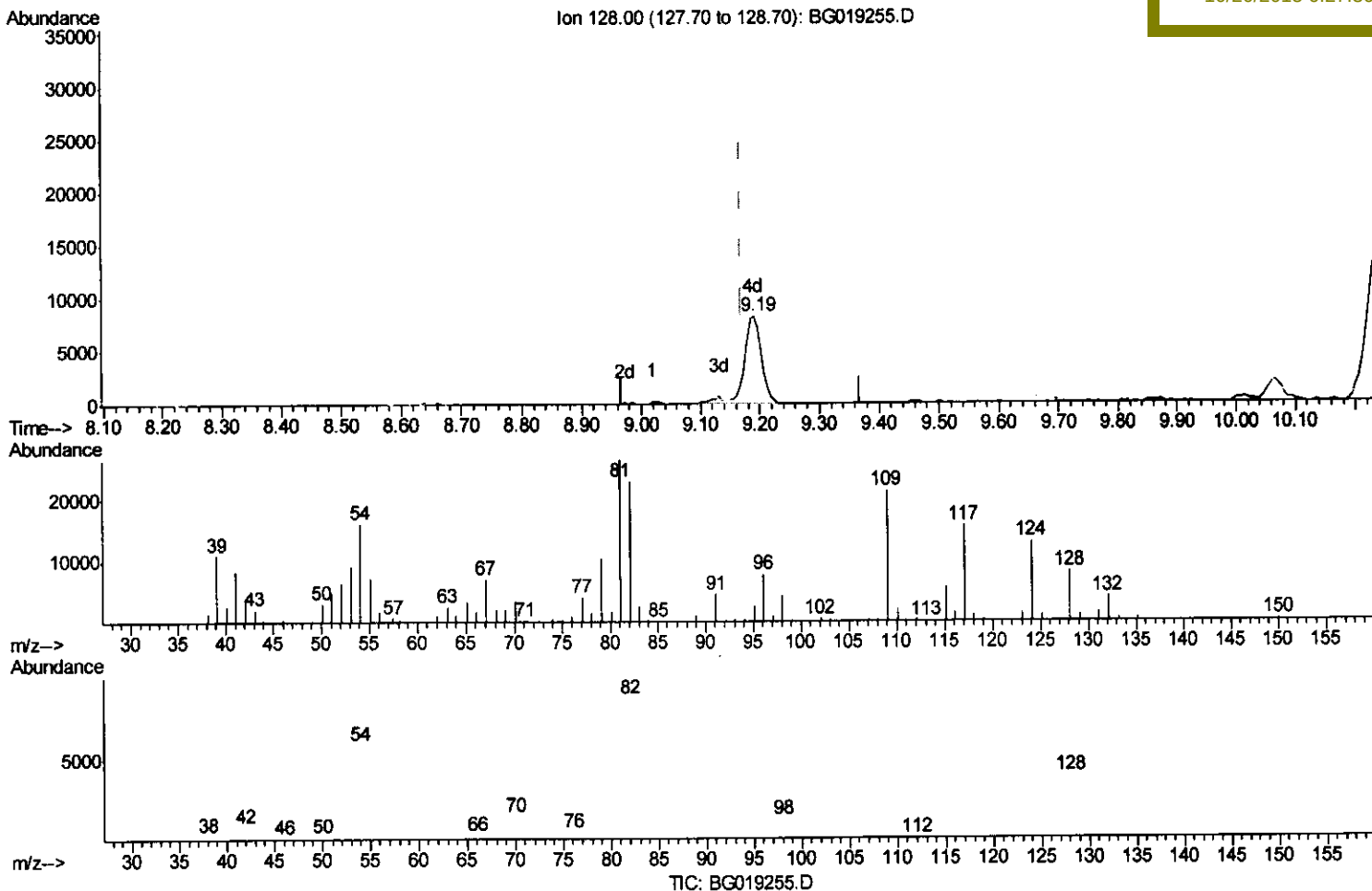
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(19) Nitrobenzene-d5 (S)

9.189min (+0.022) 27.06ng/ul m

response 17204

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 11/3/15

Ion	Exp%	Act%
128.00	100	100
82.00	237.40	278.11
54.00	125.50	195.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

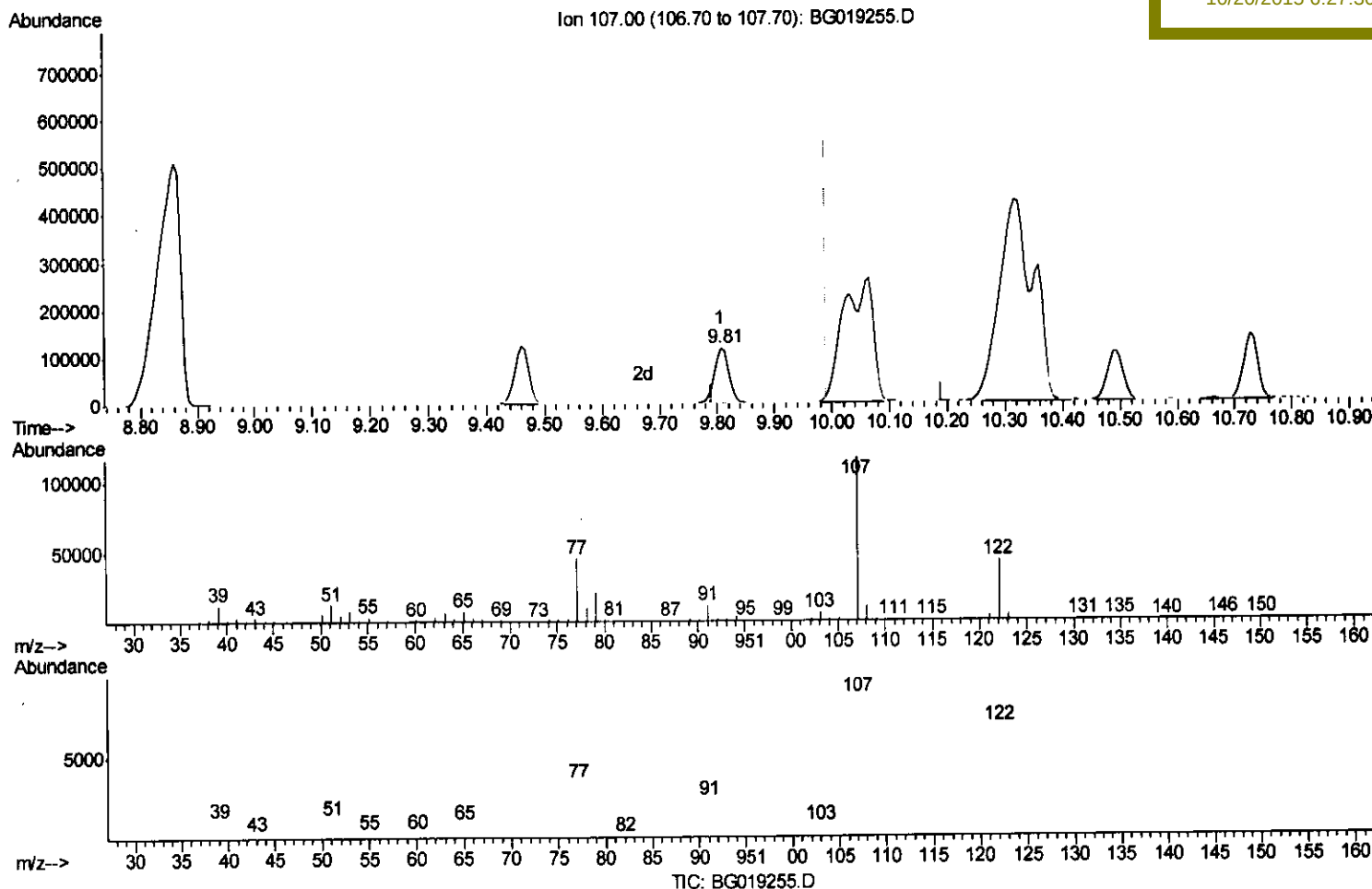
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 19:22:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK5

Manual Integrations
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(24) 2,4-Dimethylphenol

9.806min (-0.184) 282.33ng/ul

response 208067

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	3.02#
122.00	84.50	37.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

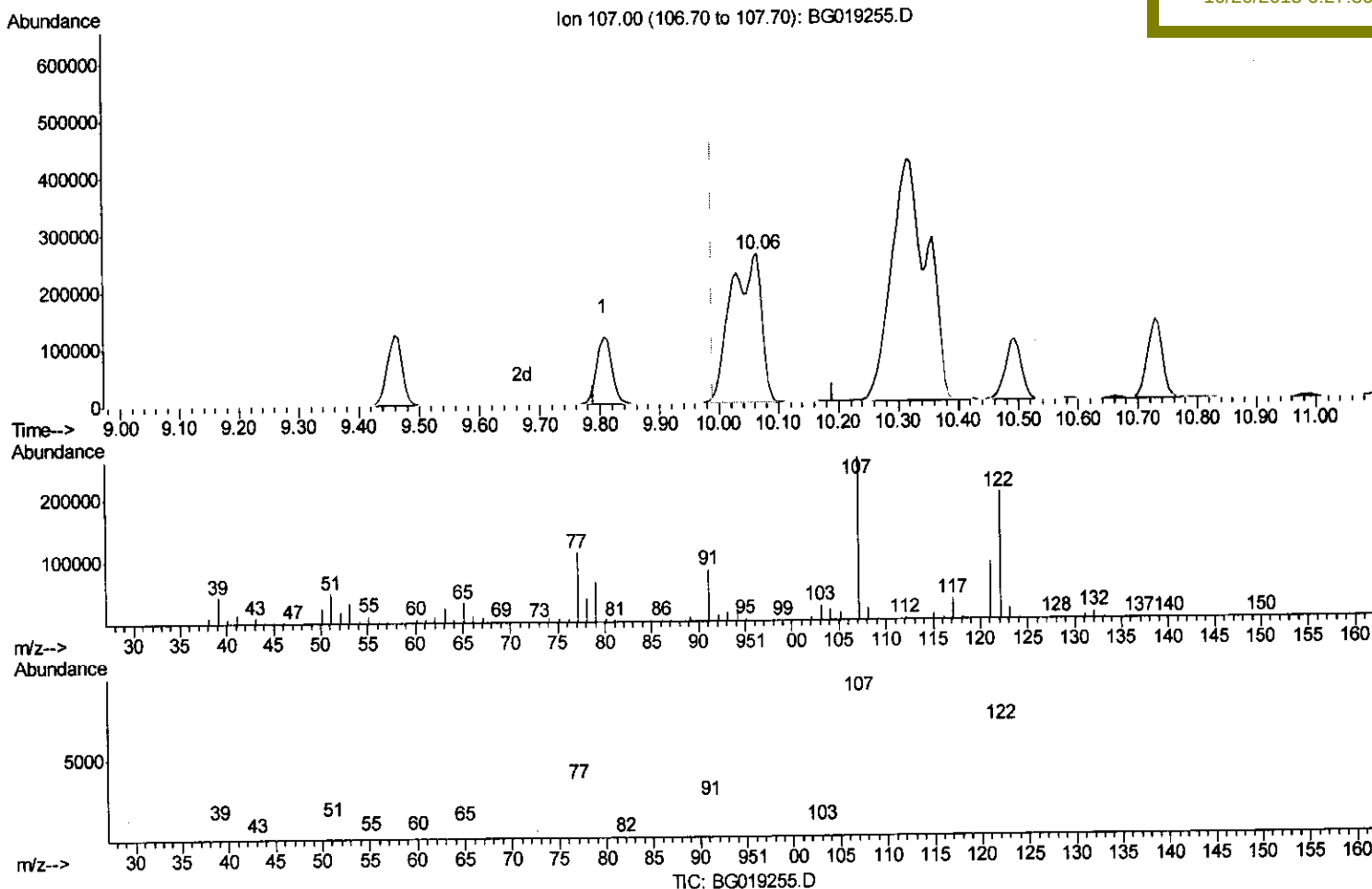
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(24) 2,4-Dimethylphenol

10.065min (+0.075) 534.85ng/ul m U.M

response 929009

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	34.93#
122.00	84.50	78.07
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

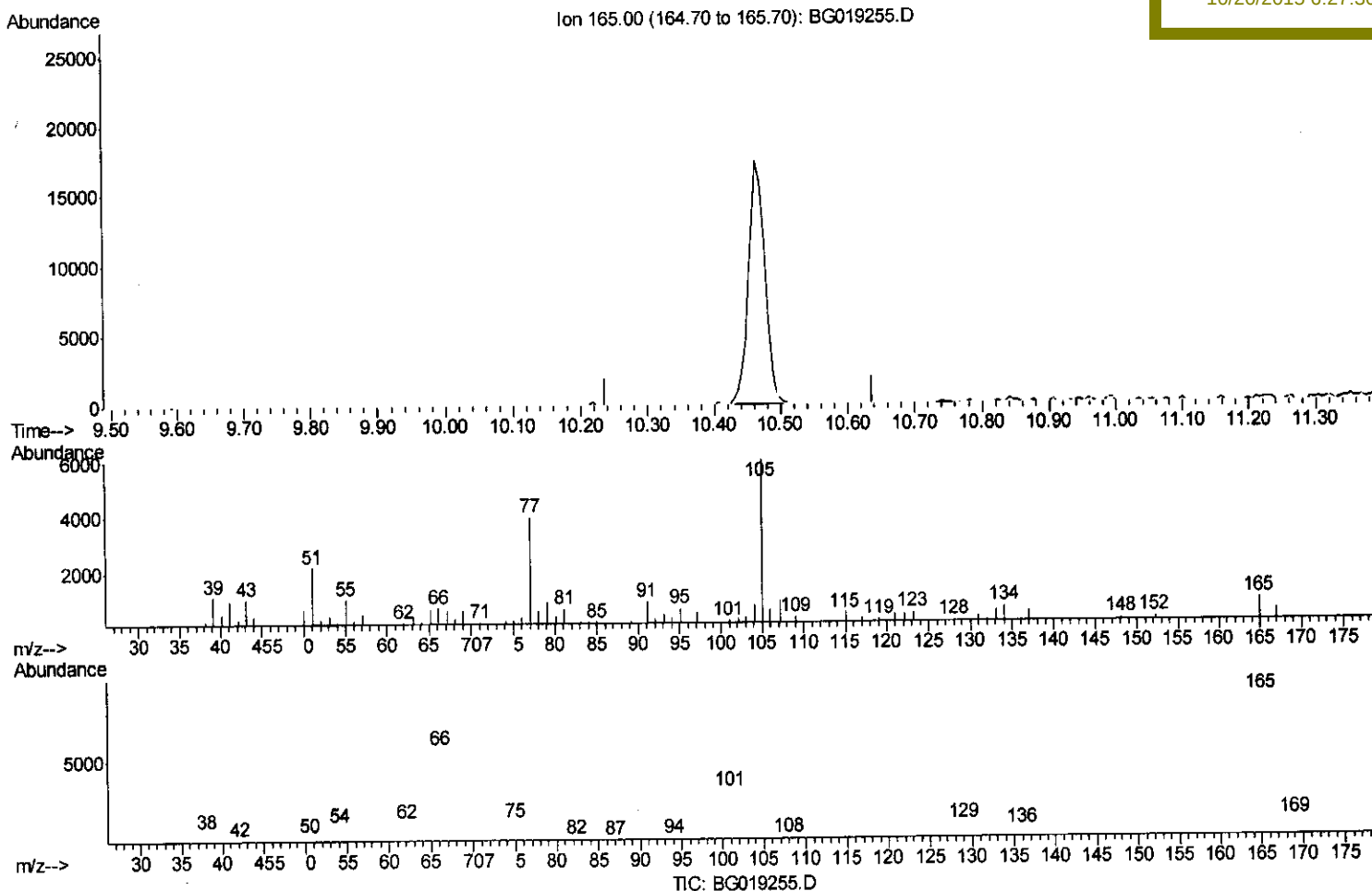
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

10.437min (-10.437) 0.00ng/ul

response 0

Ion	Exp%	Act%
165.00	100	0.00
167.00	62.80	0.00#
101.00	35.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

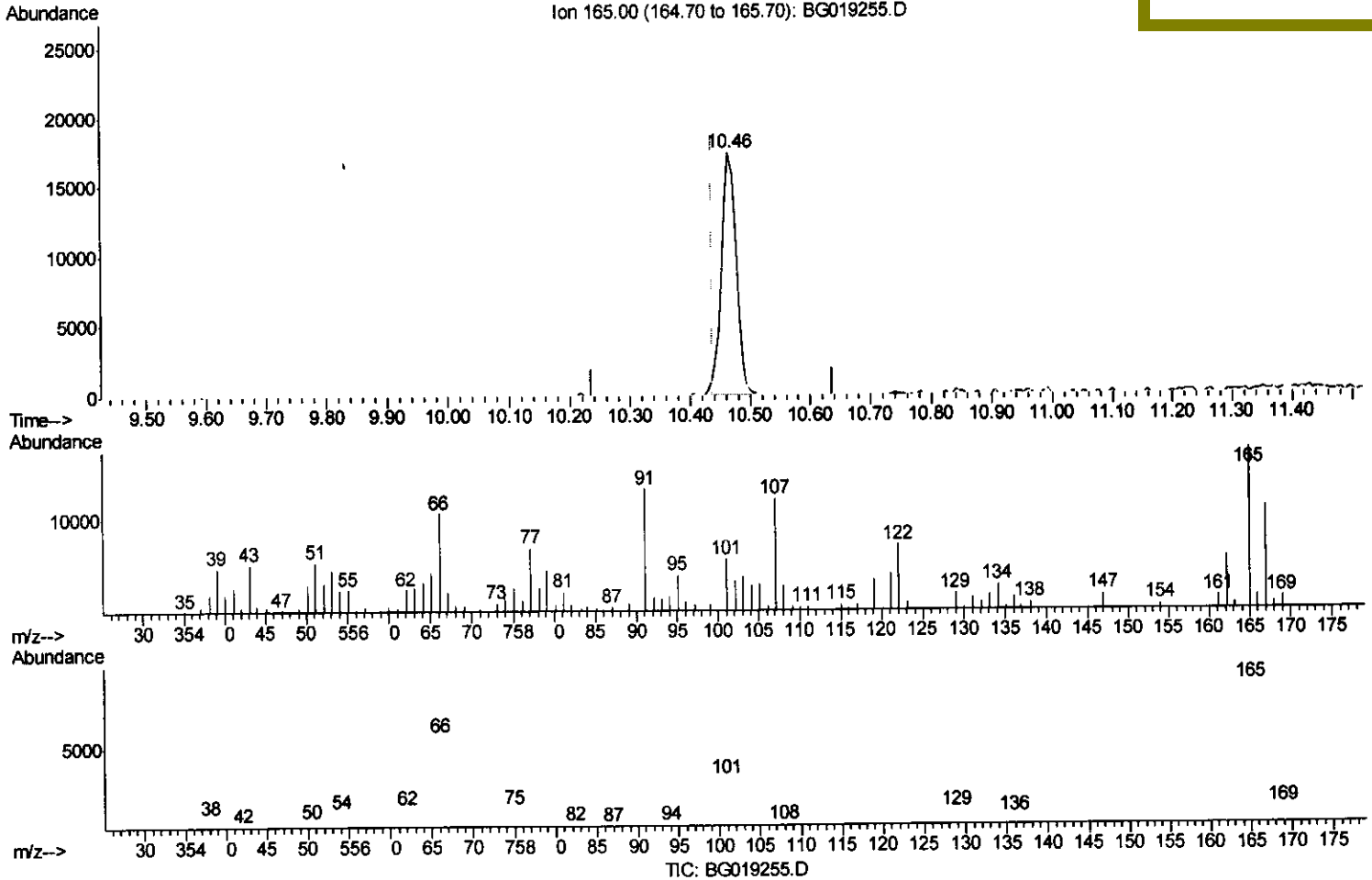
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

10.464min (+0.028) 22.20ng/ul m

response 29671

Ion	Exp%	Act%
165.00	100	100
167.00	62.80	63.98
101.00	35.00	32.52
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

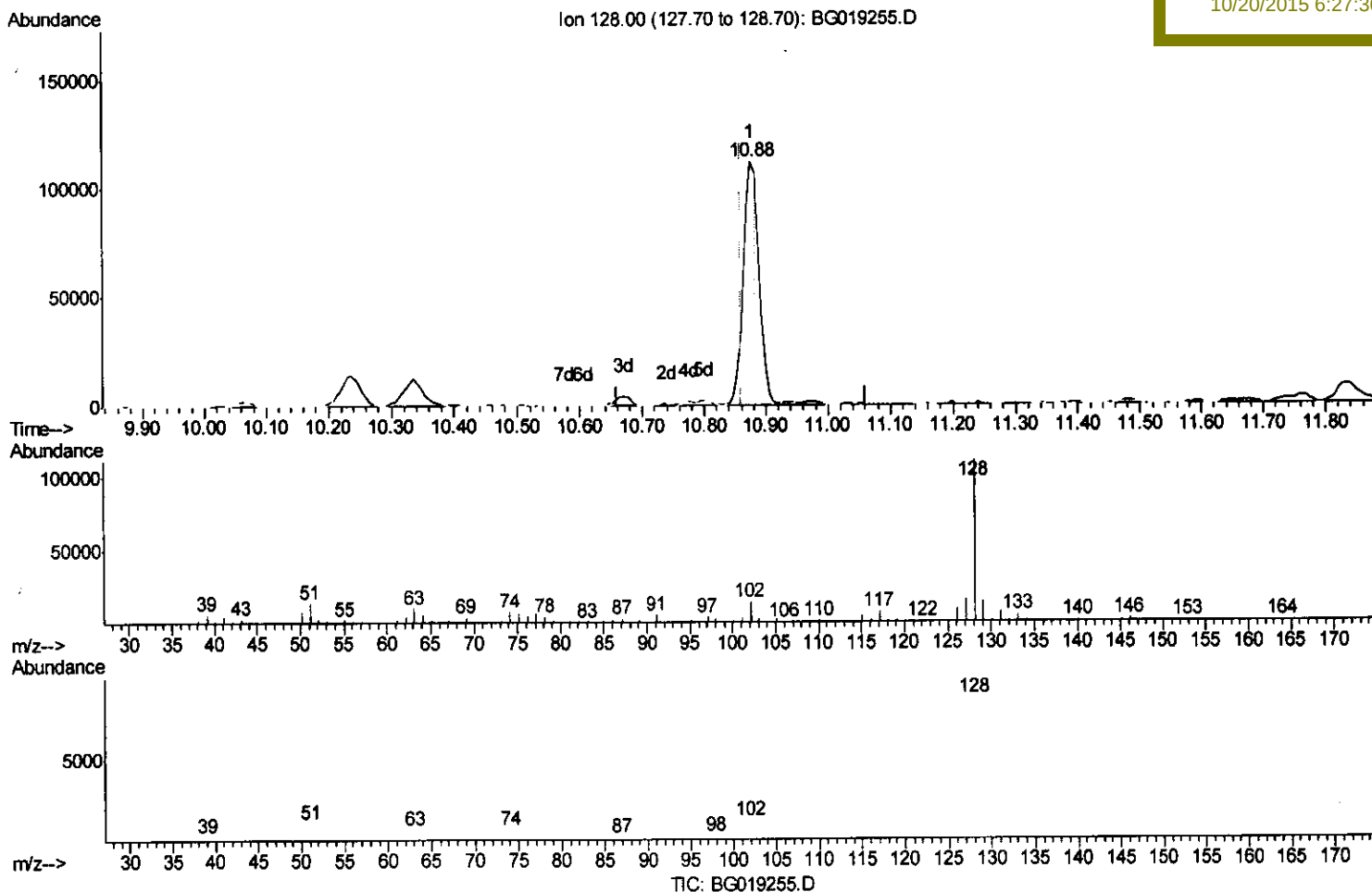
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(28) Naphthalene

10.876min (+0.016) 80.50ng/ul

response 147314

Ion	Exp%	Act%
128.00	100	100
129.00	12.00	12.65
127.00	14.10	14.18
0.00	0.00	0.00

Quantitation Report (Qedit)

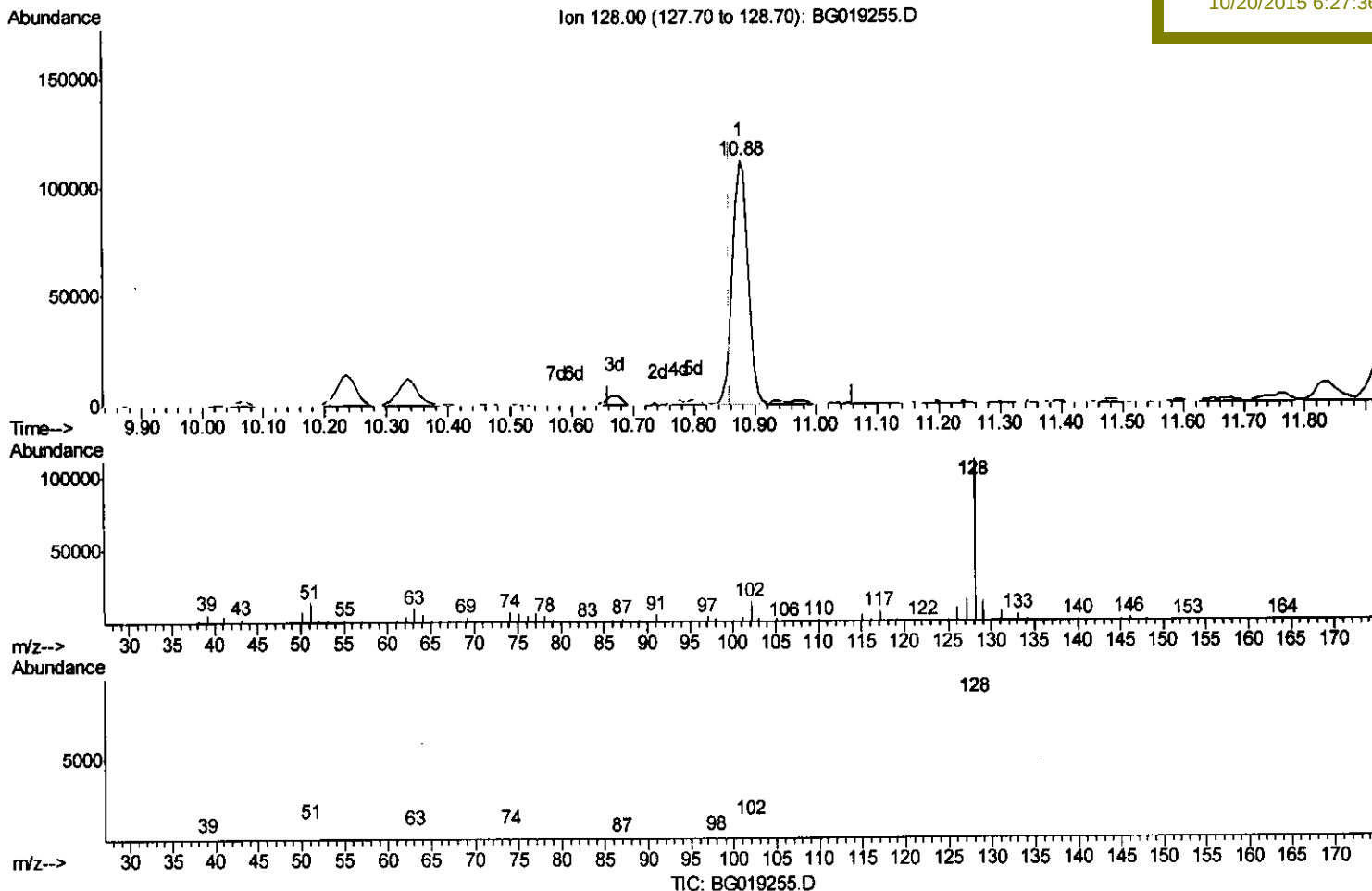
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(28) Naphthalene

10.876min (+0.016) 46.24ng/ul m

response 199454

Ion	Exp%	Act%
128.00	100	100
129.00	12.00	12.65
127.00	14.10	14.18
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

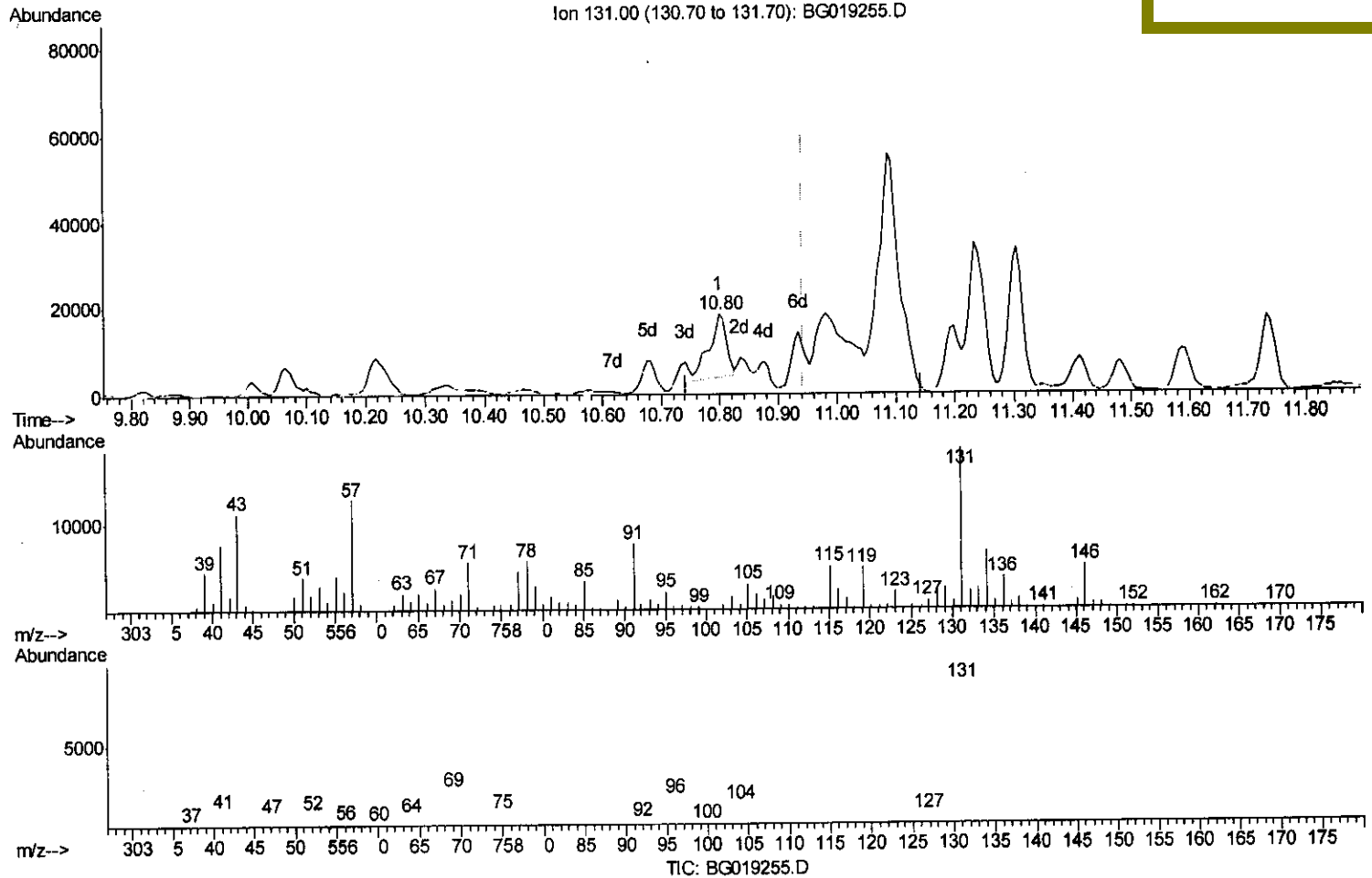
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

10.799min (-0.143) 41.27ng/ul

response 30140

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	13.97#
69.00	17.00	6.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

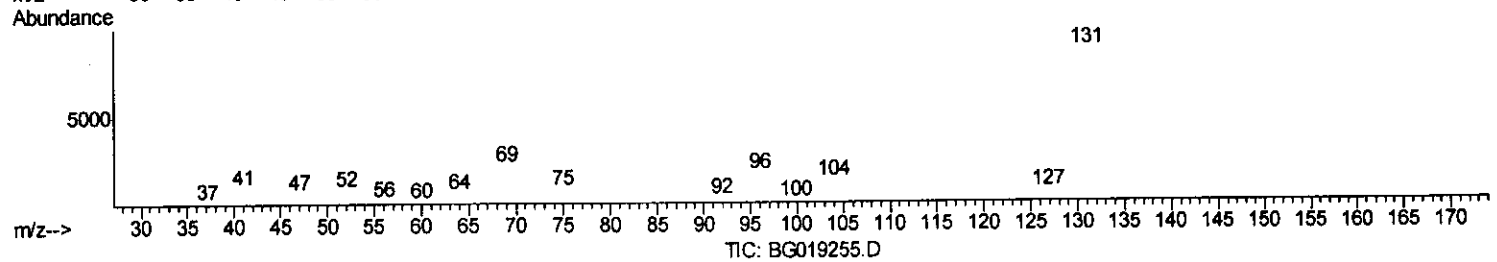
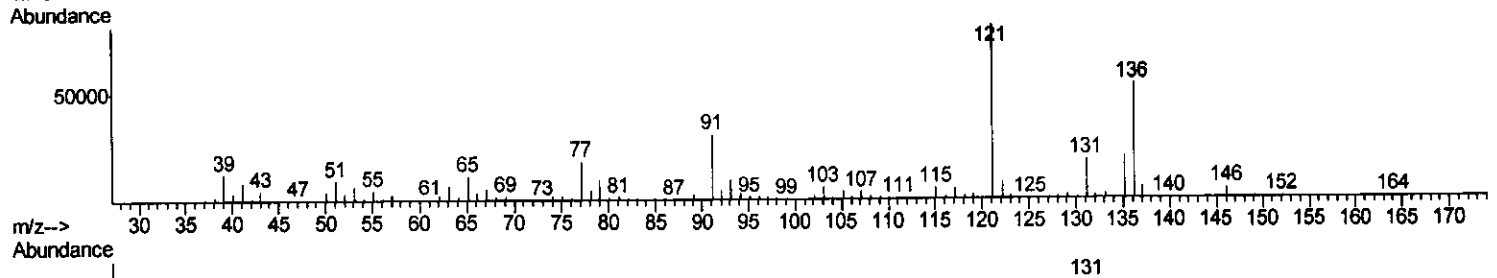
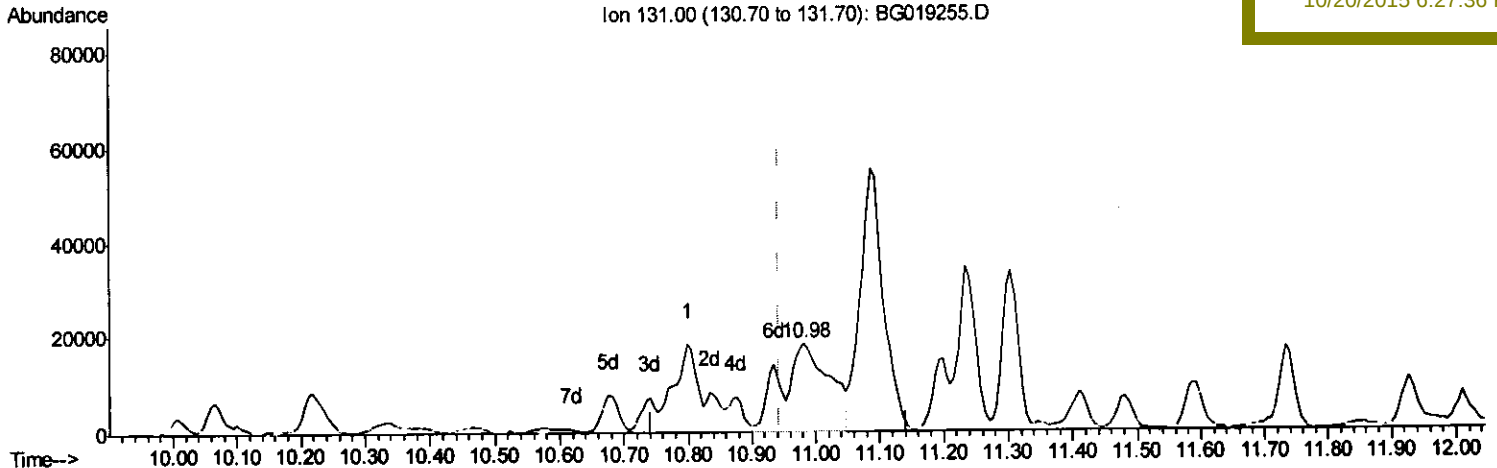
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK5

Manual Integrations
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Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.981min (+0.039) 56.89ng/ul m

response 97909

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 11/3/15

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	11.62#
69.00	17.00	11.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

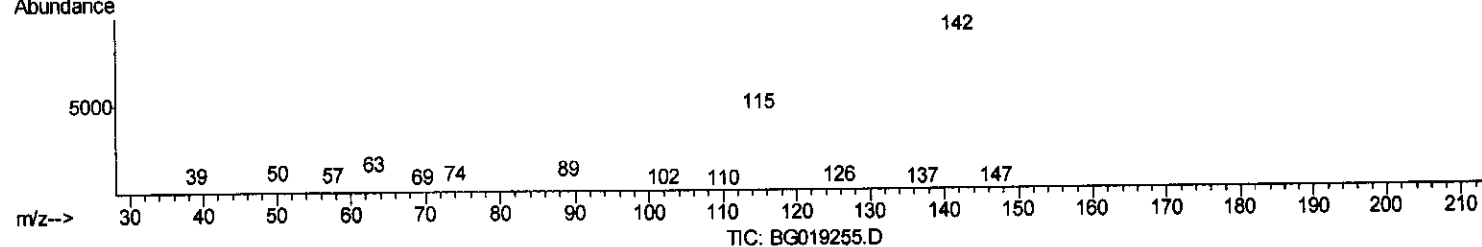
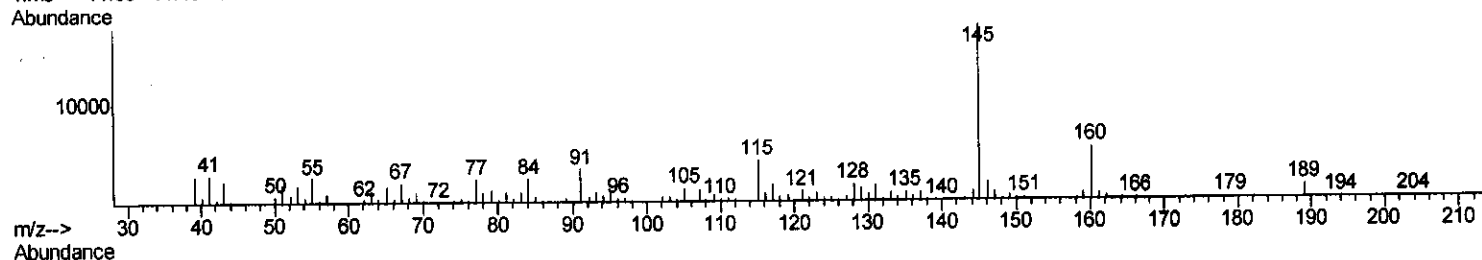
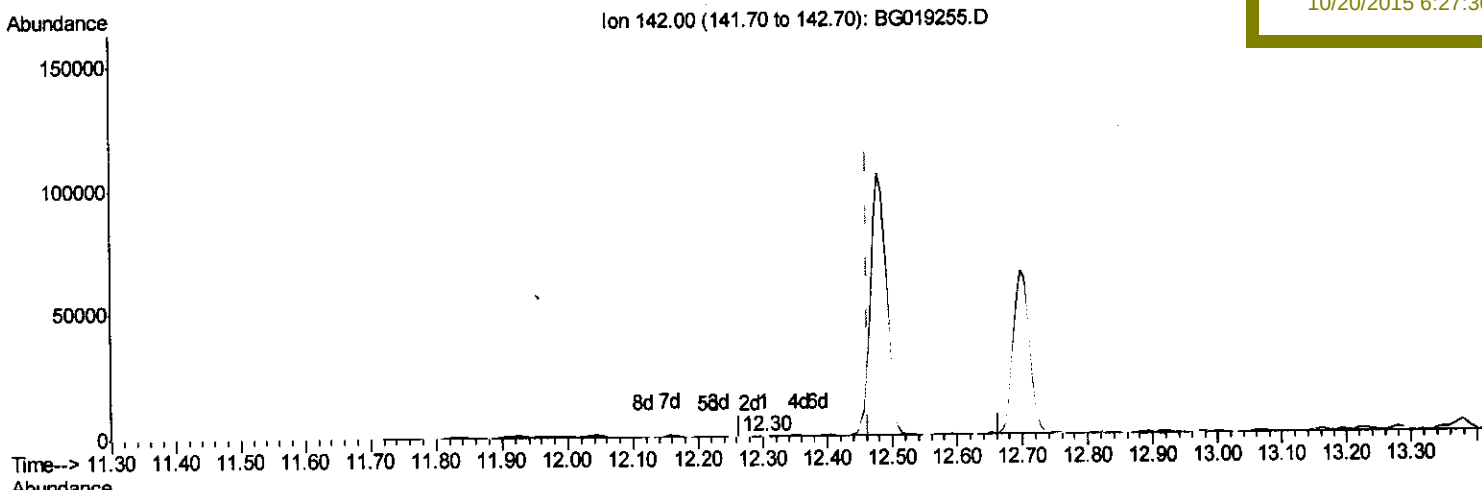
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(34) 2-Methylnaphthalene

12.303min (-0.160) 0.09ng/ul

response 129

Ion	Exp%	Act%
142.00	100	100
141.00	91.70	158.82#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

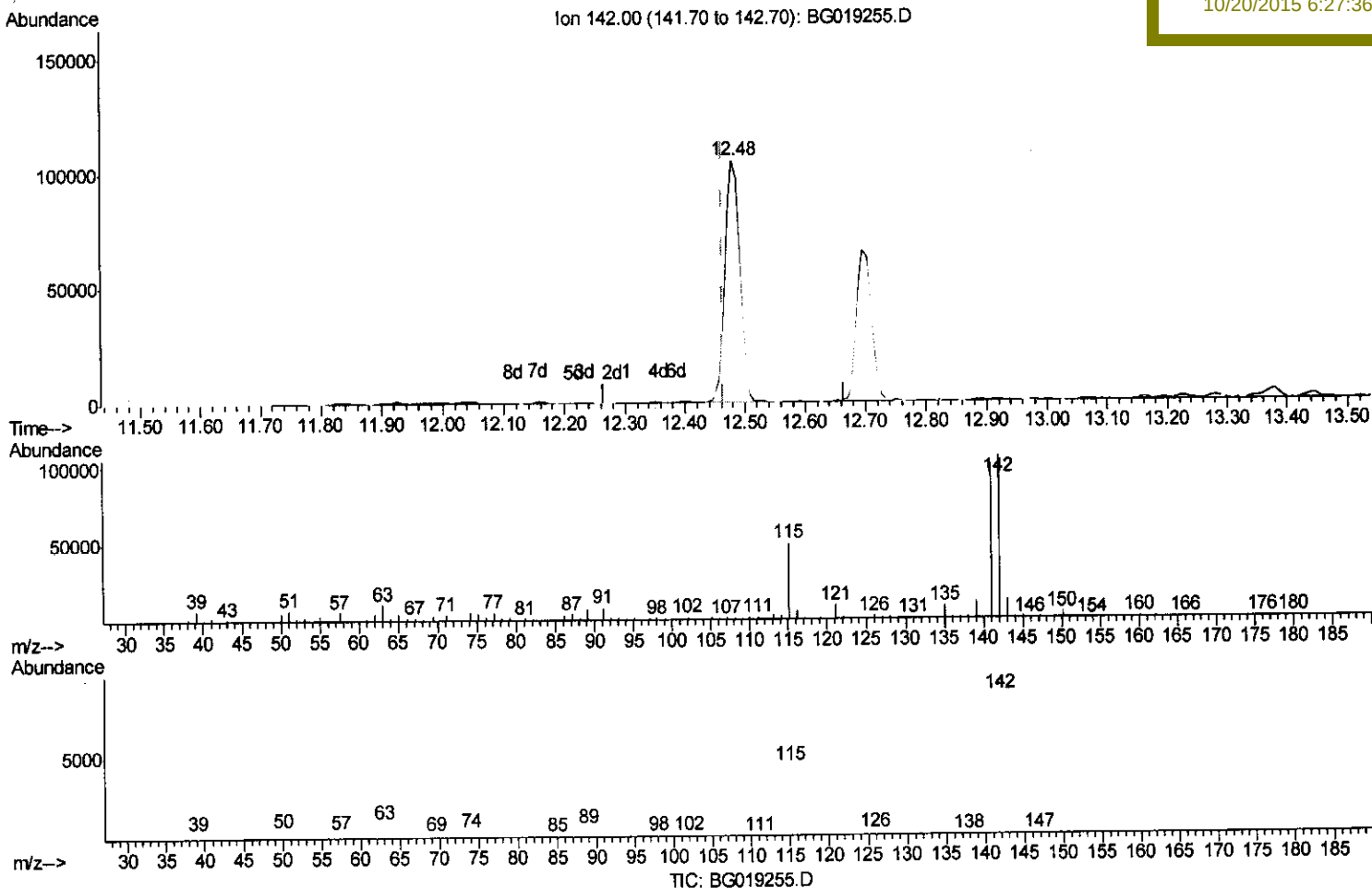
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(34) 2-Methylnaphthalene

12.480min (+0.016) 51.27ng/ul m

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 11/3/15

response 175306

Ion	Exp%	Act%
142.00	100	100
141.00	91.70	95.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

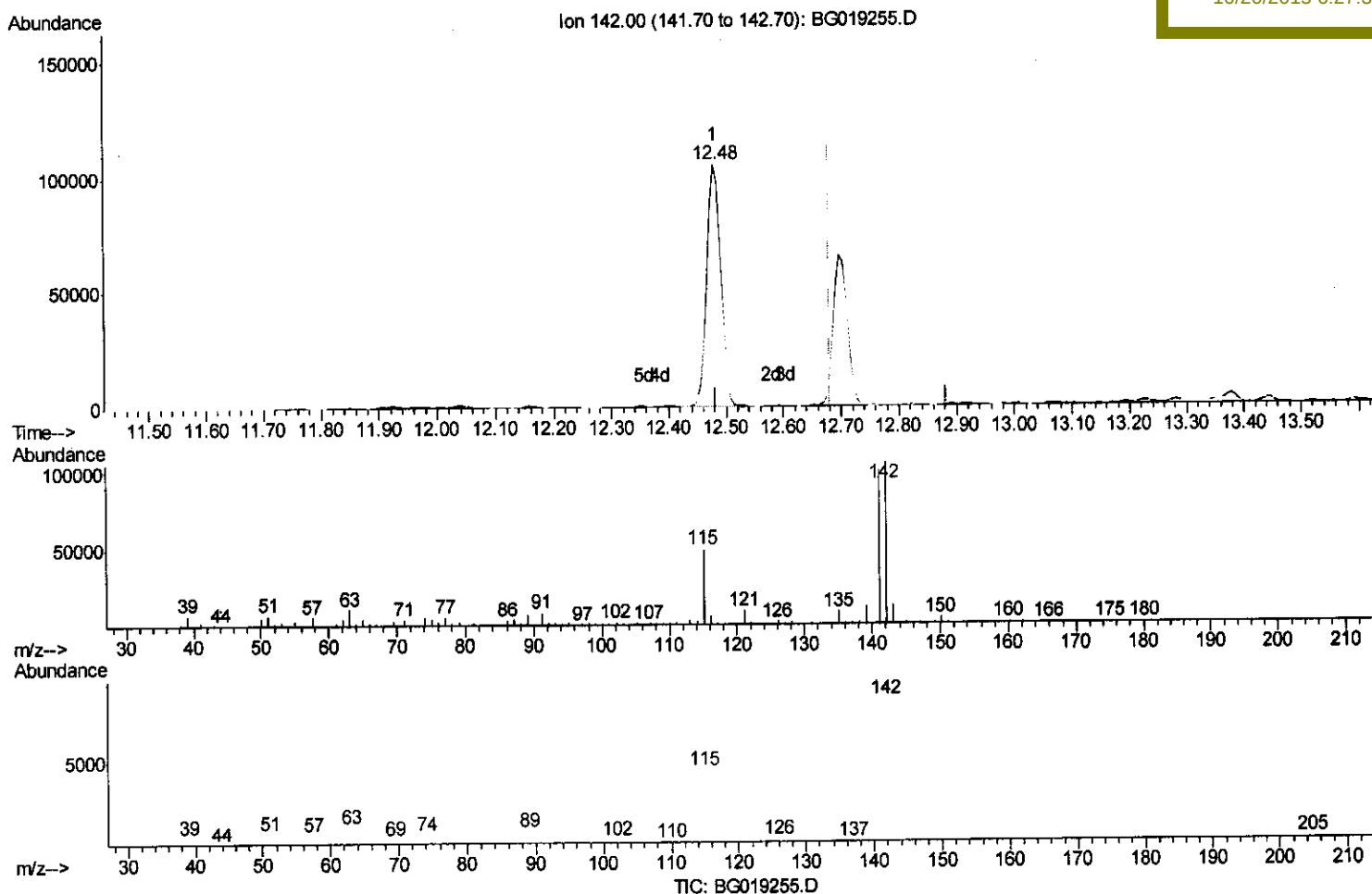
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(35) 1-Methylnaphthalene

12.480min (-0.202) 122.29ng/ul

response 173728

Ion	Exp%	Act%
142.00	100	100
141.00	93.50	95.05
116.00	4.00	5.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

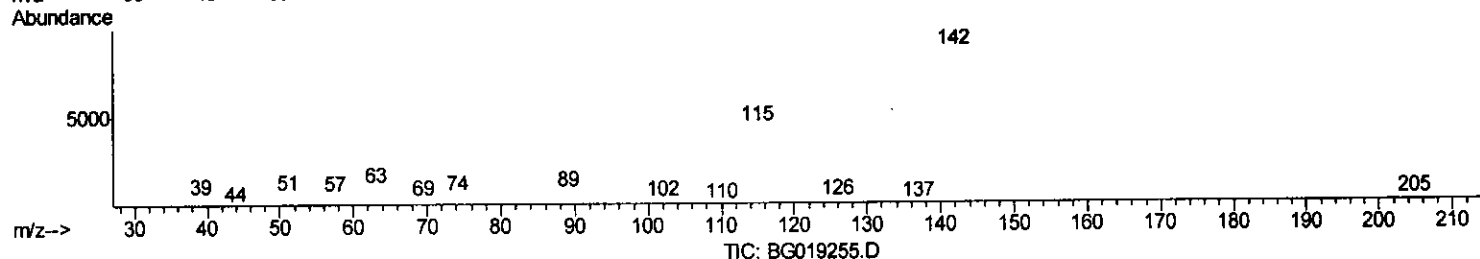
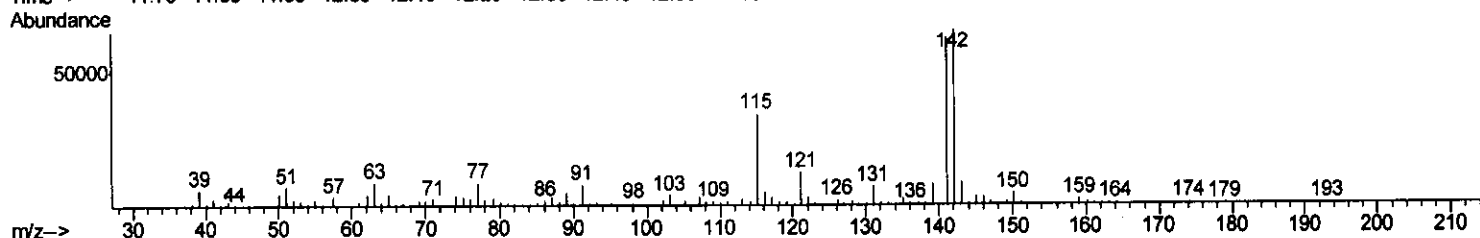
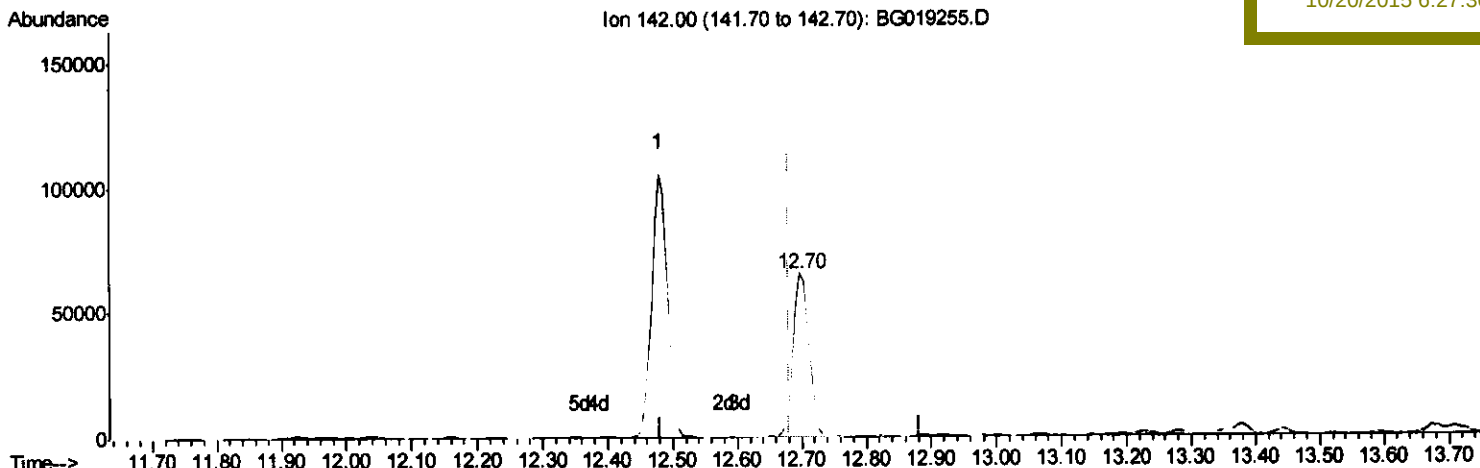
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(35) 1-Methylnaphthalene

12.697min (+0.016) 32.95ng/ul m

response 110324

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 11/3/15

Ion	Exp%	Act%
142.00	100	100
141.00	93.50	95.66
116.00	4.00	7.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

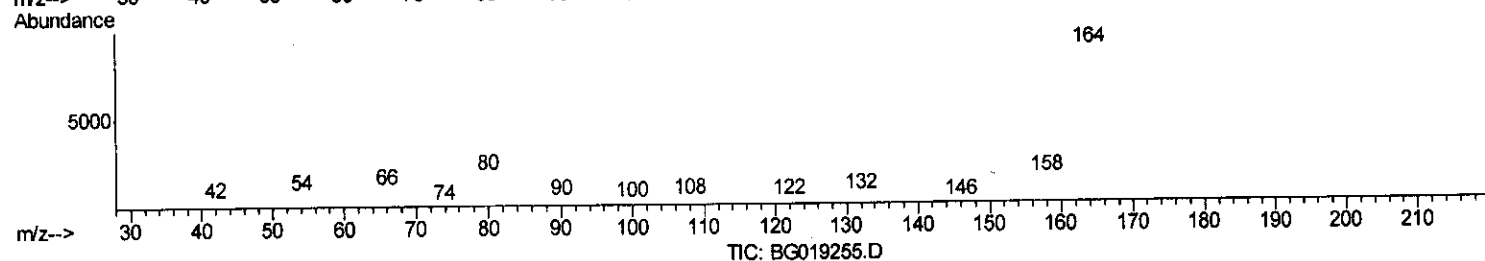
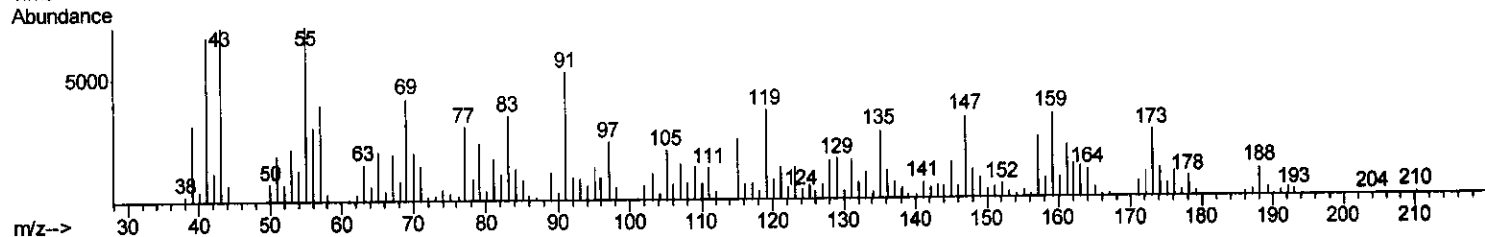
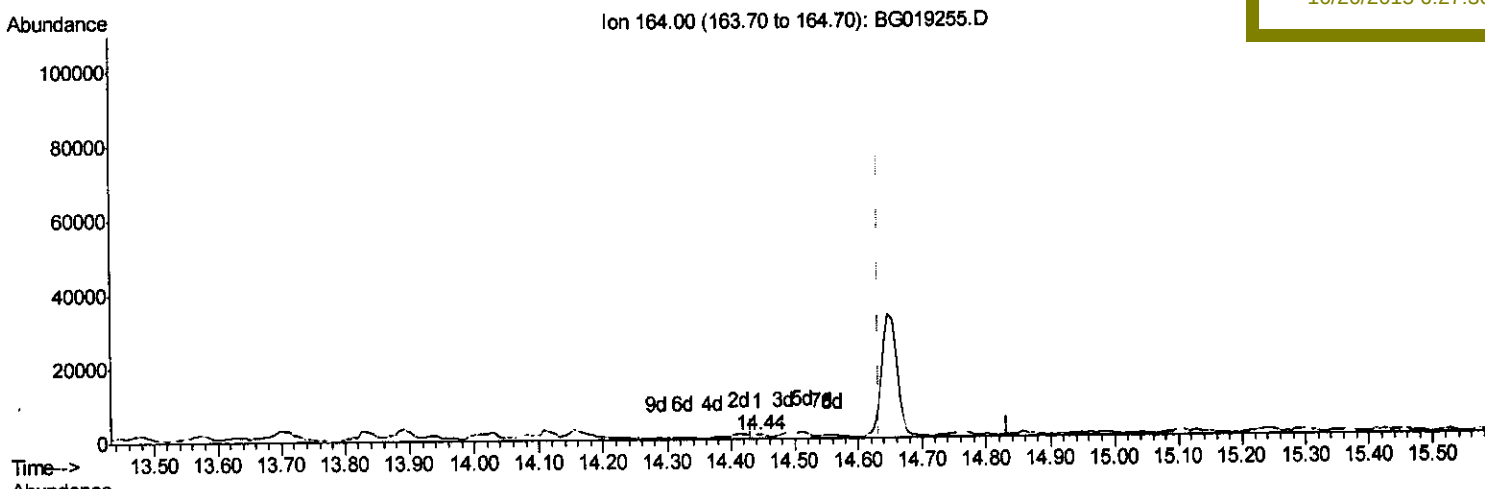
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(36) Acenaphthene-d10 (I)

14.442min (-0.190) 20.00ng/ul

response 1219

Ion	Exp%	Act%
164.00	100	100
162.00	102.00	116.04
160.00	42.40	77.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

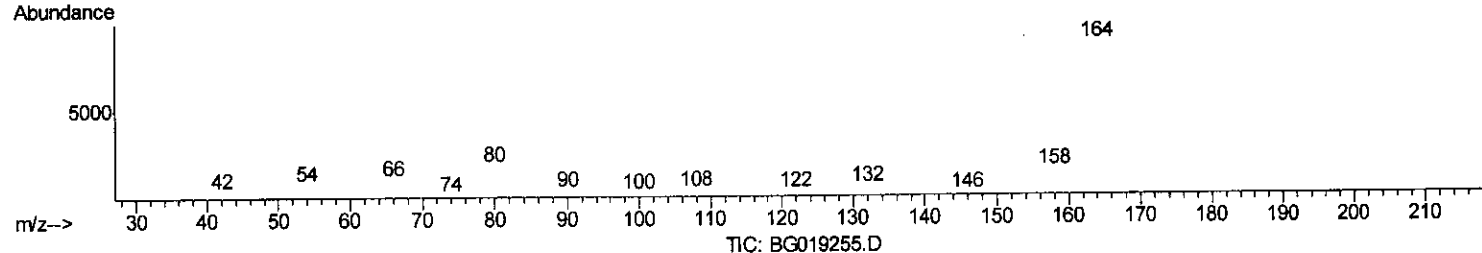
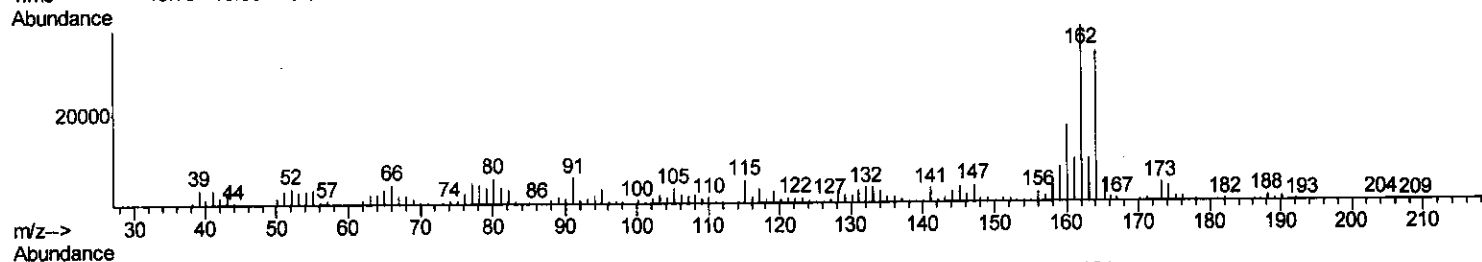
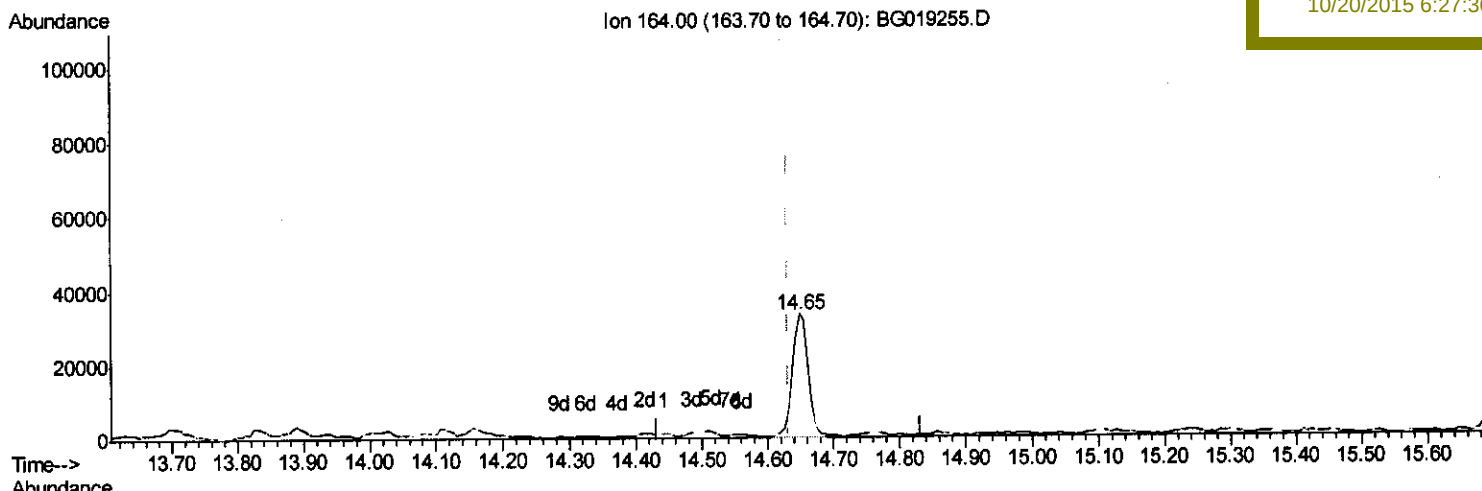
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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MMdadoda
 10/20/2015 6:27:36 PM



TIC: BG019255.D

(36) Acenaphthene-d10 (I)

14.648min (+0.016) 20.00ng/ul m

response 56525

Ion	Exp%	Act%
164.00	100	100
162.00	102.00	116.65
160.00	42.40	50.80
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

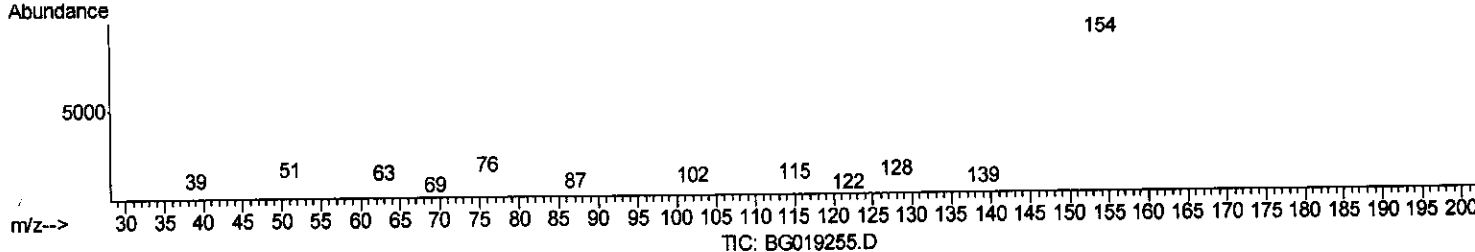
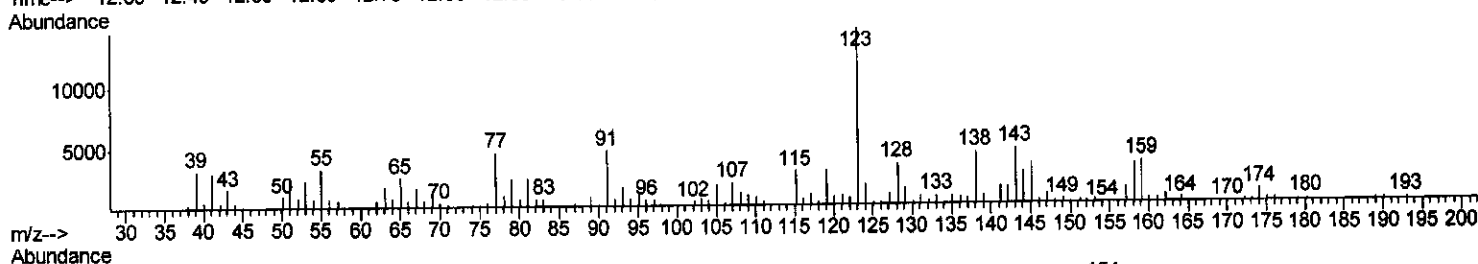
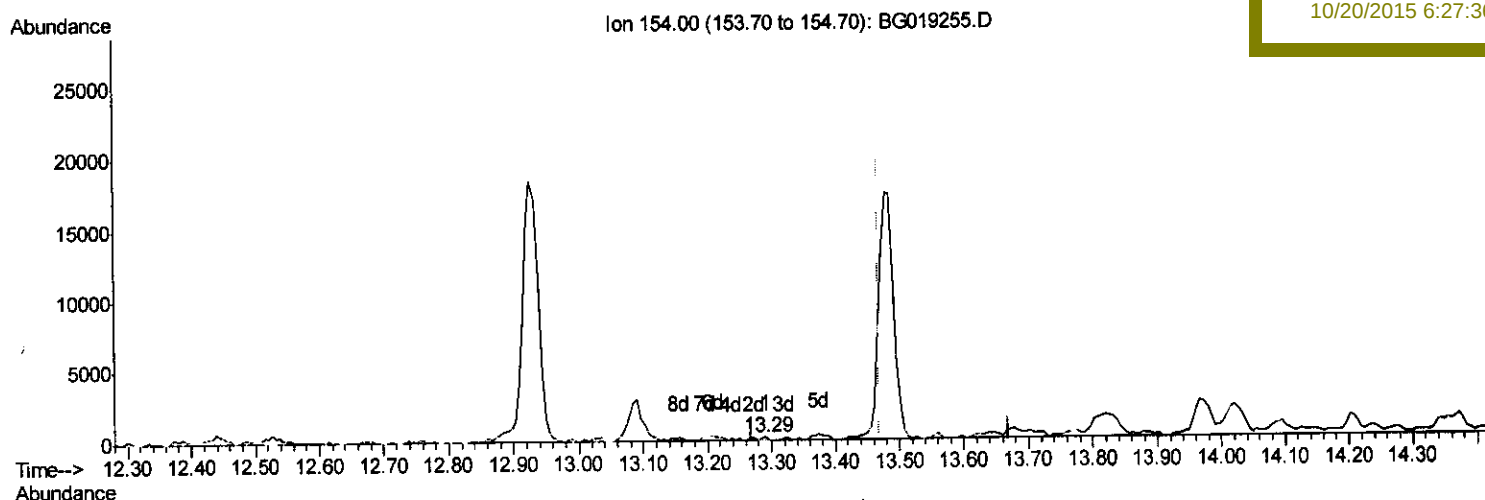
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 20 19:22:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
ESLK5

Manual Integrations
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(41) 1,1'-Biphenyl

13.291min (-0.178) 1.65ng/ul

response 157

Ion	Exp%	Act%
154.00	100	100
153.00	39.20	200.41#
76.00	13.50	173.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

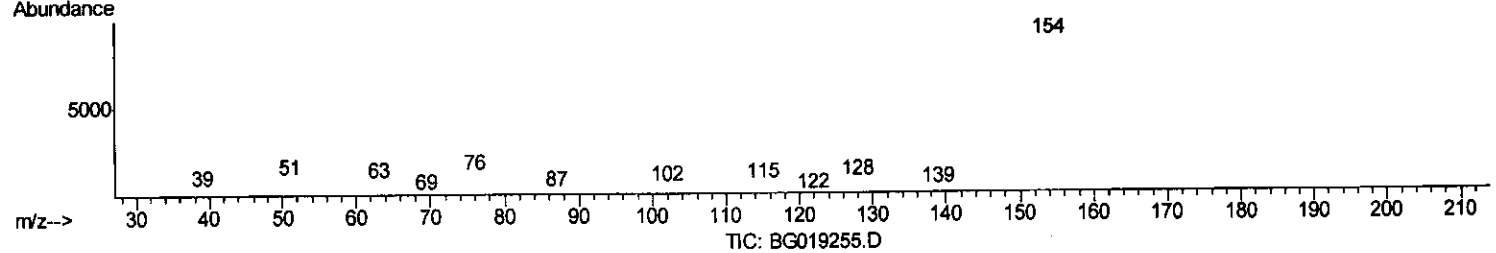
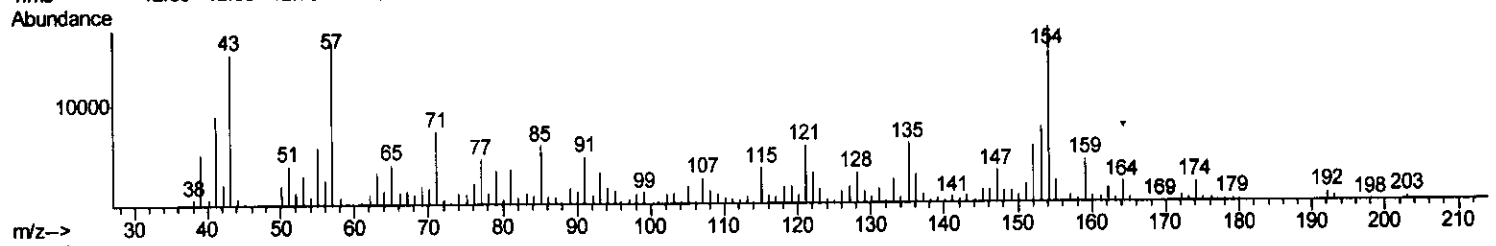
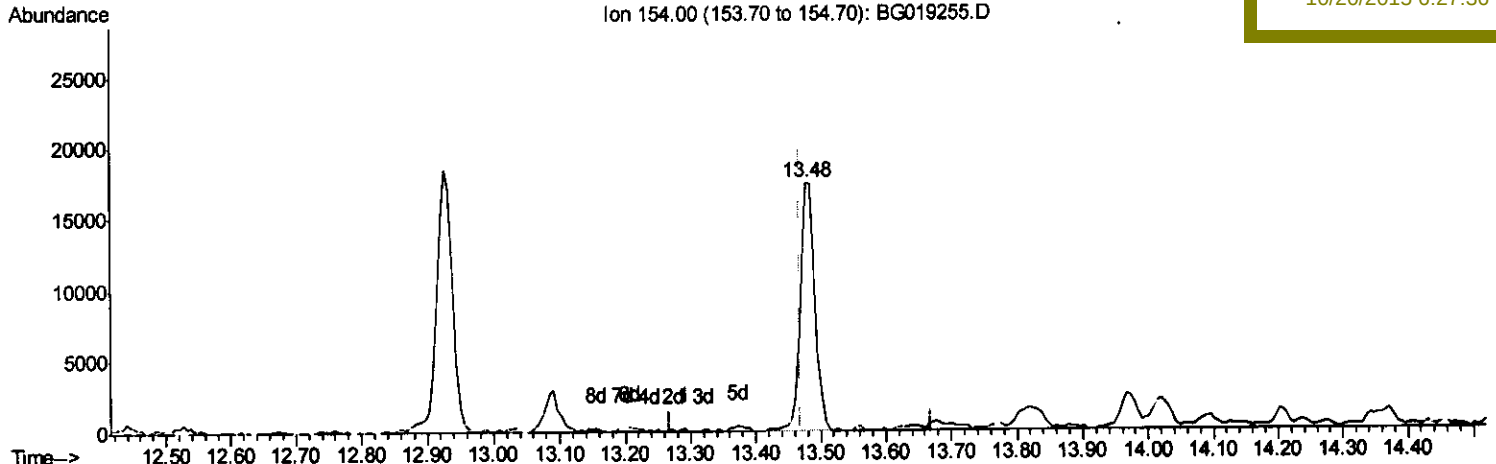
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(41) 1,1'-Biphenyl

13.479min (+0.010) 6.39ng/ul m

response 28179

U.M
 11/3/15

Ion	Exp%	Act%
154.00	100	100
153.00	39.20	43.78
76.00	13.50	12.73
0.00	0.00	0.00

Quantitation Report (Qedit)

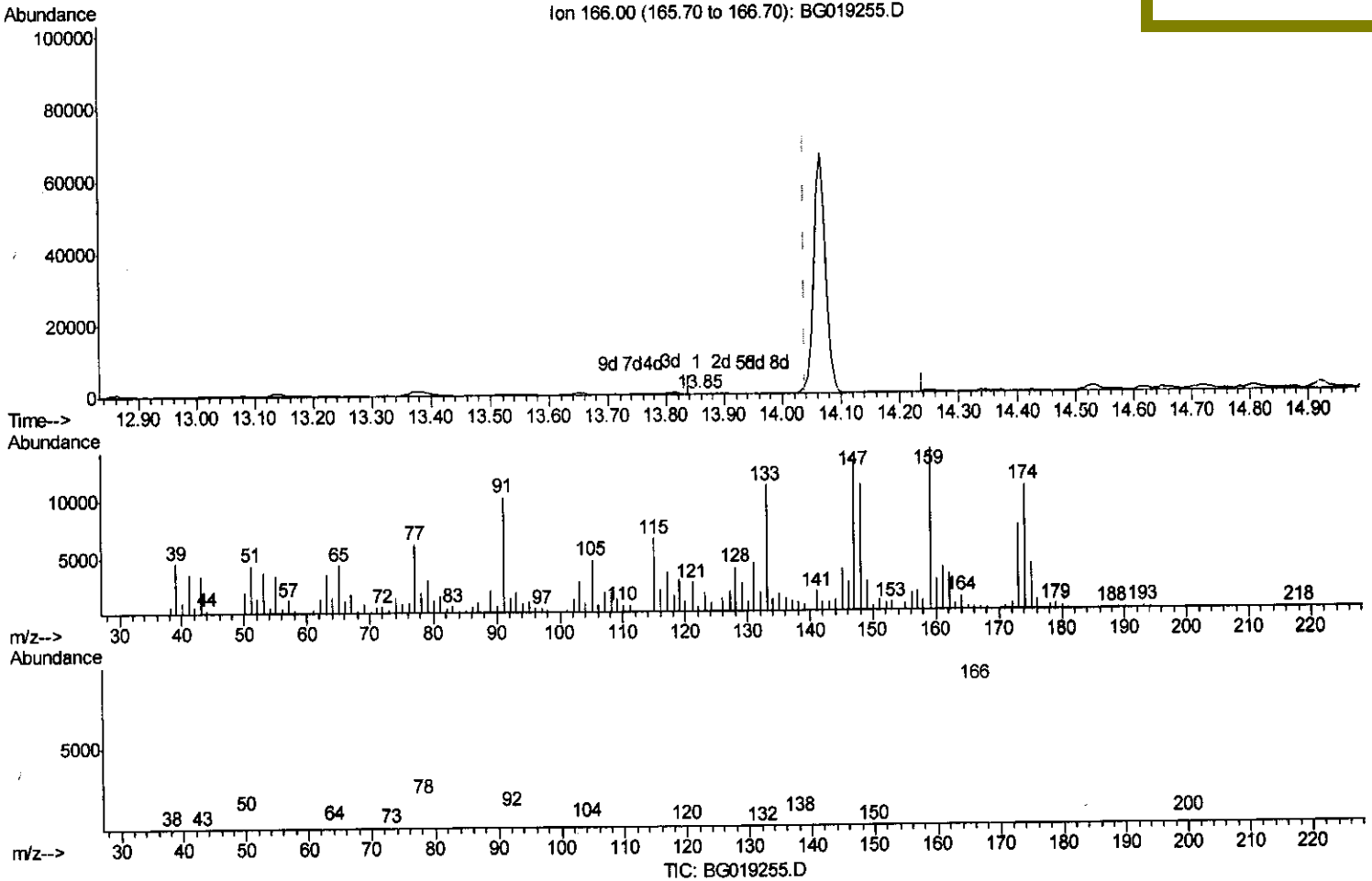
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(44) Dimethylphthalate-d6 (S)

13.855min (-0.184) 4.81ng/ul

response 513

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	424.07#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

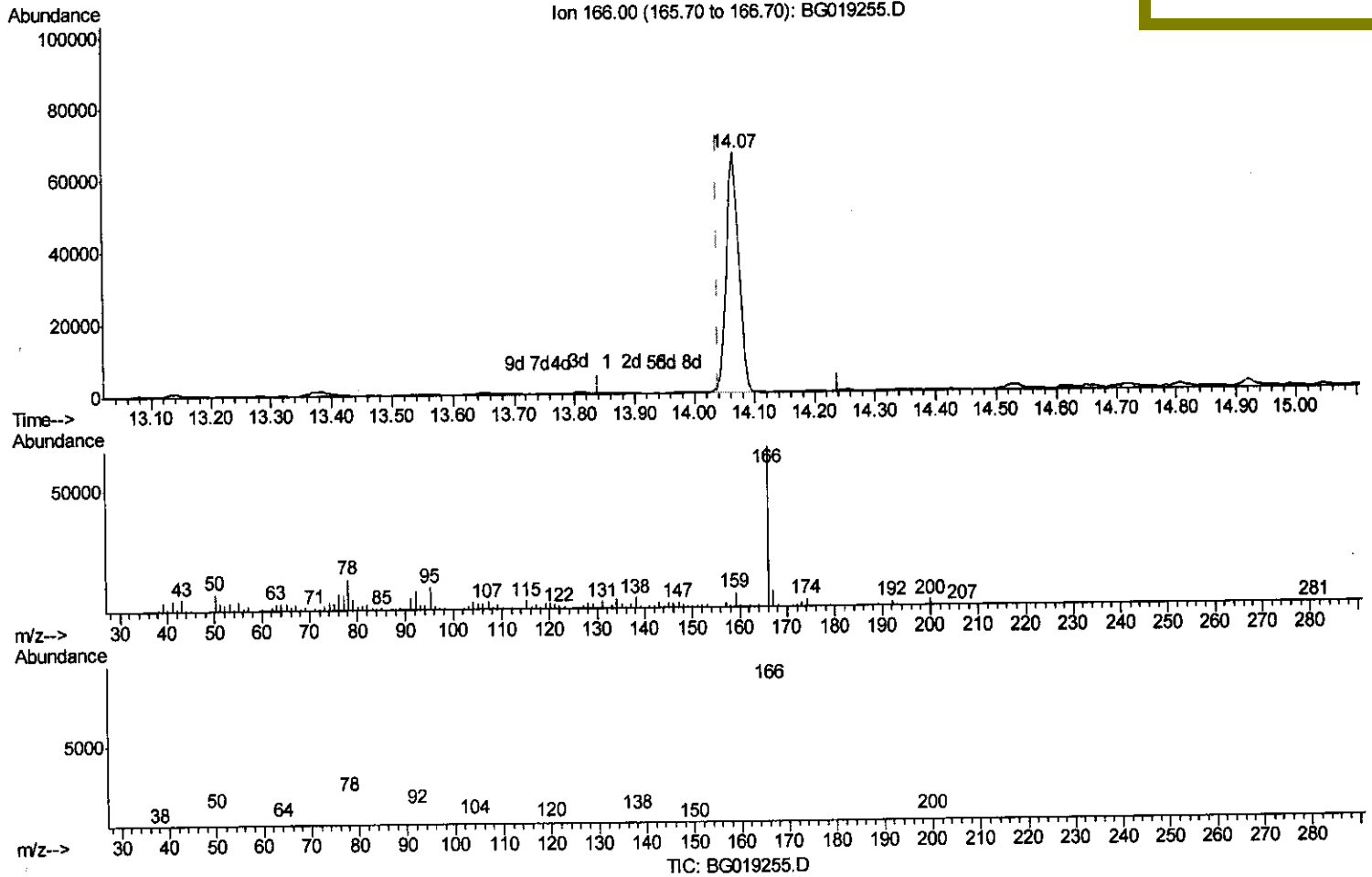
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(44) Dimethylphthalate-d6 (S)

14.066min (+0.028) 19.45ng/ul m

response 96175

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	19.38#
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

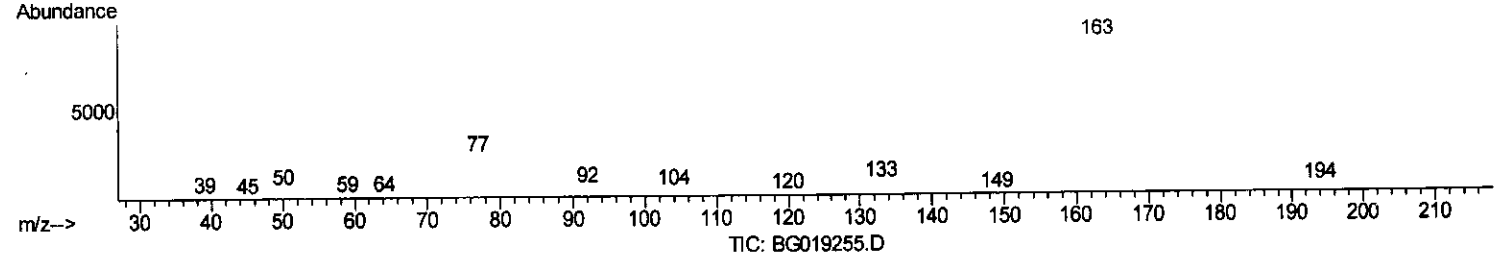
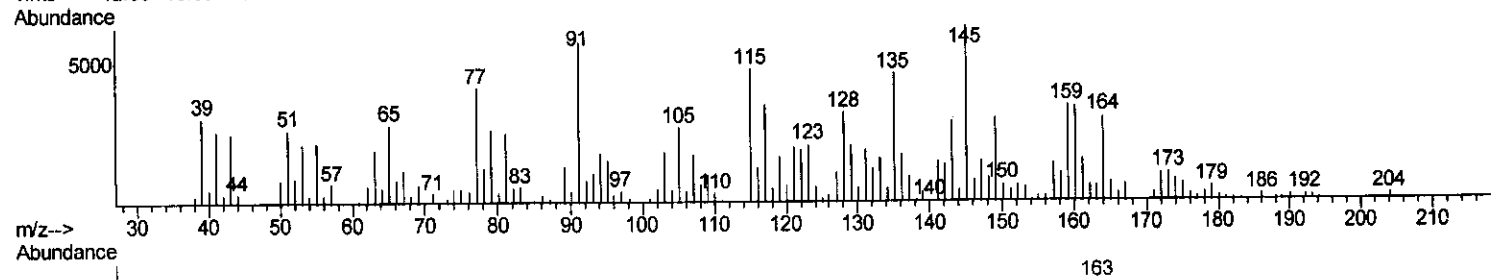
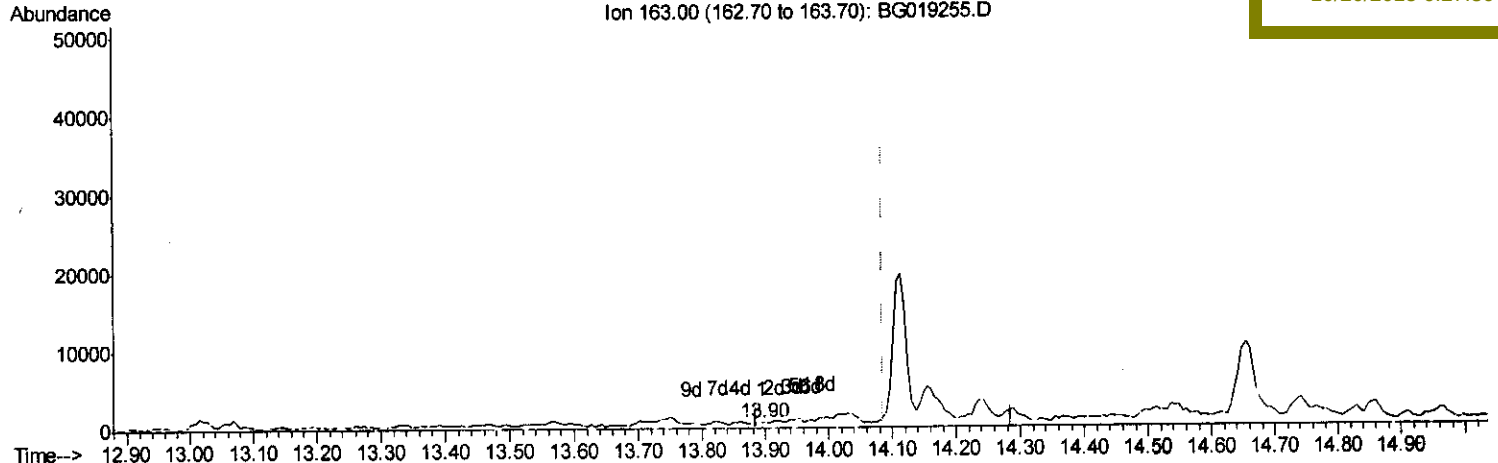
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(45) Dimethylphthalate

13.896min (-0.190) 1.32ng/ul

response 142

Ion	Exp%	Act%
163.00	100	100
194.00	4.10	35.99#
164.00	10.10	442.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

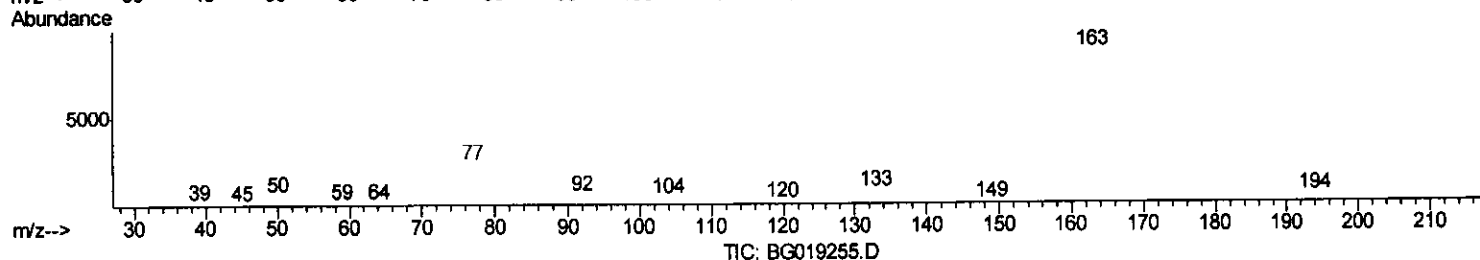
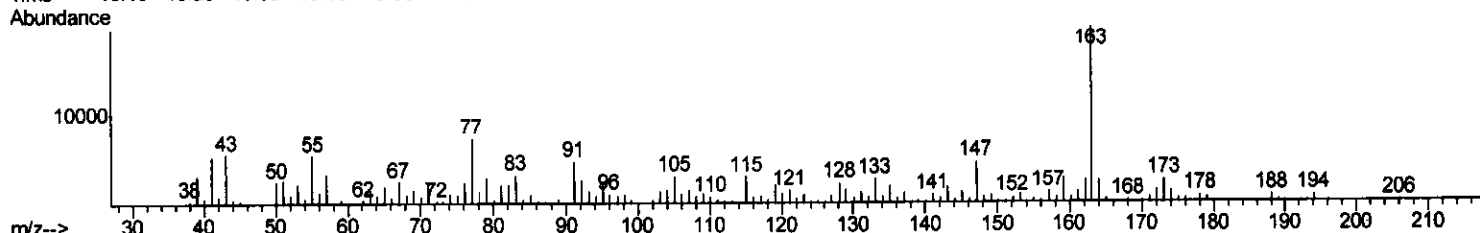
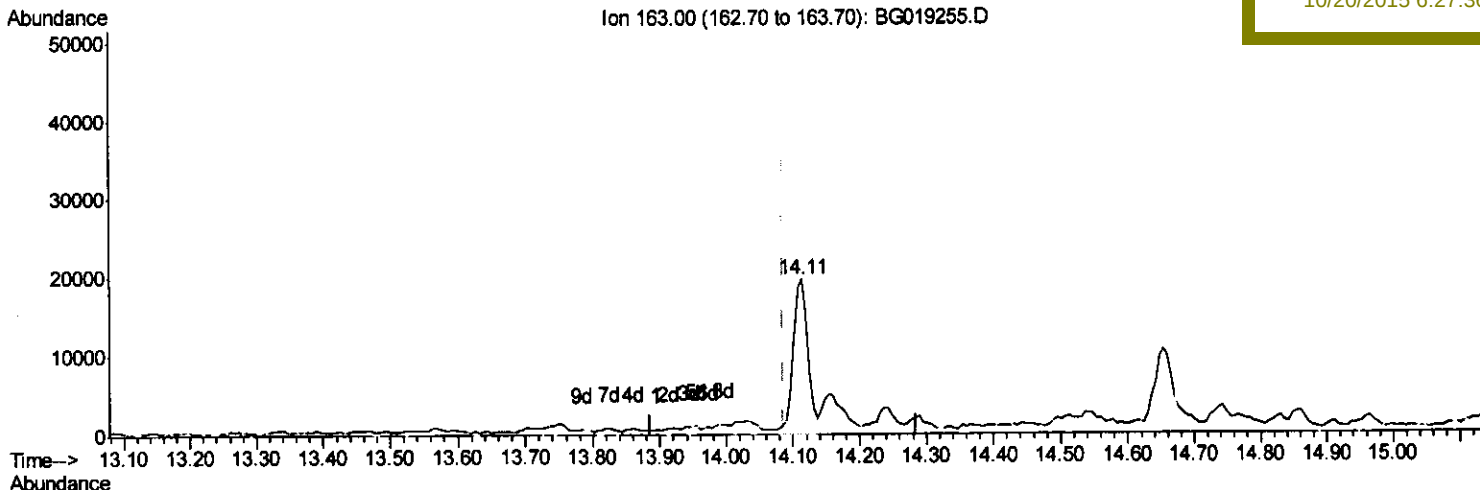
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(45) Dimethylphthalate

14.113min (+0.028) 6.15ng/ul m

response 30628

U.M
 11/3/15

Ion	Exp%	Act%
163.00	100	100
194.00	4.10	4.49
164.00	10.10	13.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

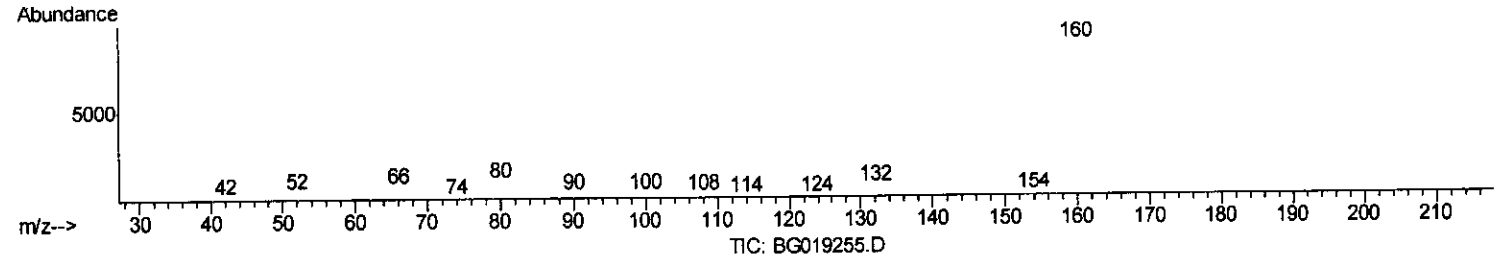
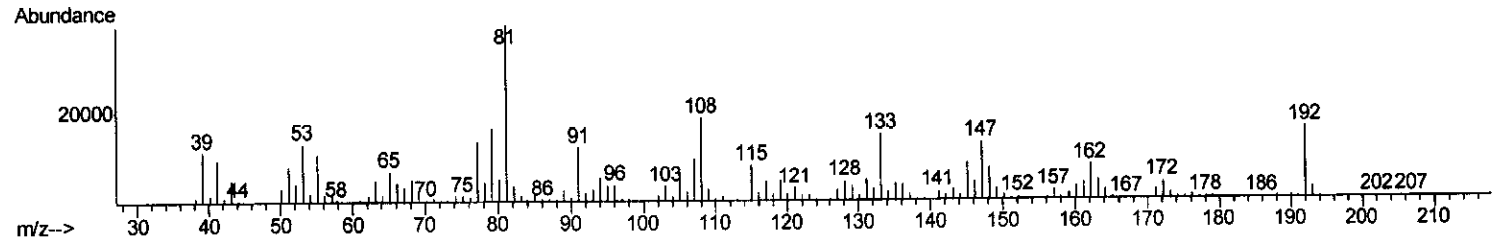
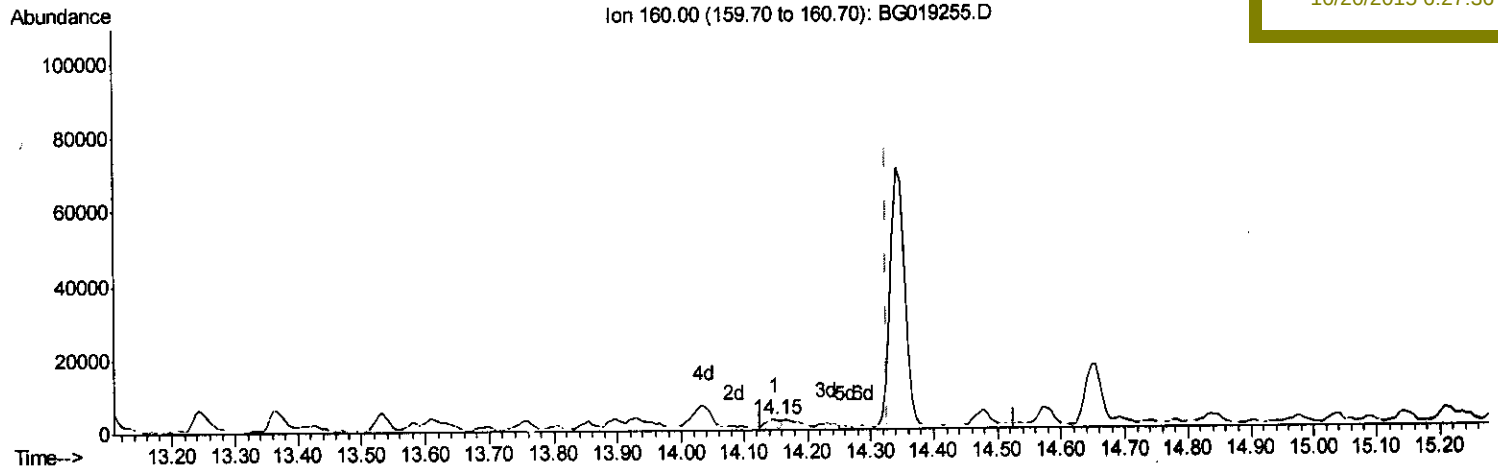
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(47) Acenaphthylene-d8 (S)

14.148min (-0.178) 41.03ng/ul

response 4729

ion	Exp%	Act%
160.00	100	100
80.00	11.60	167.84#
158.00	15.80	22.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

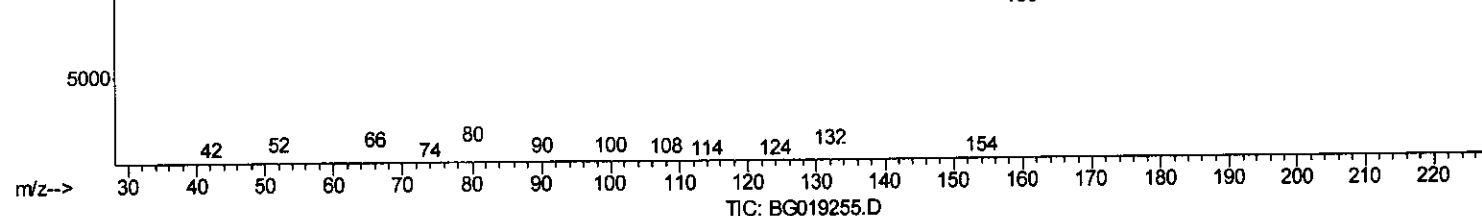
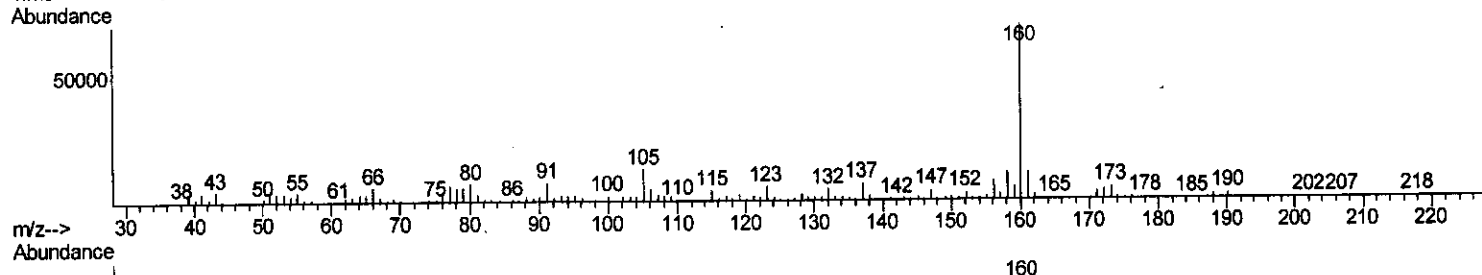
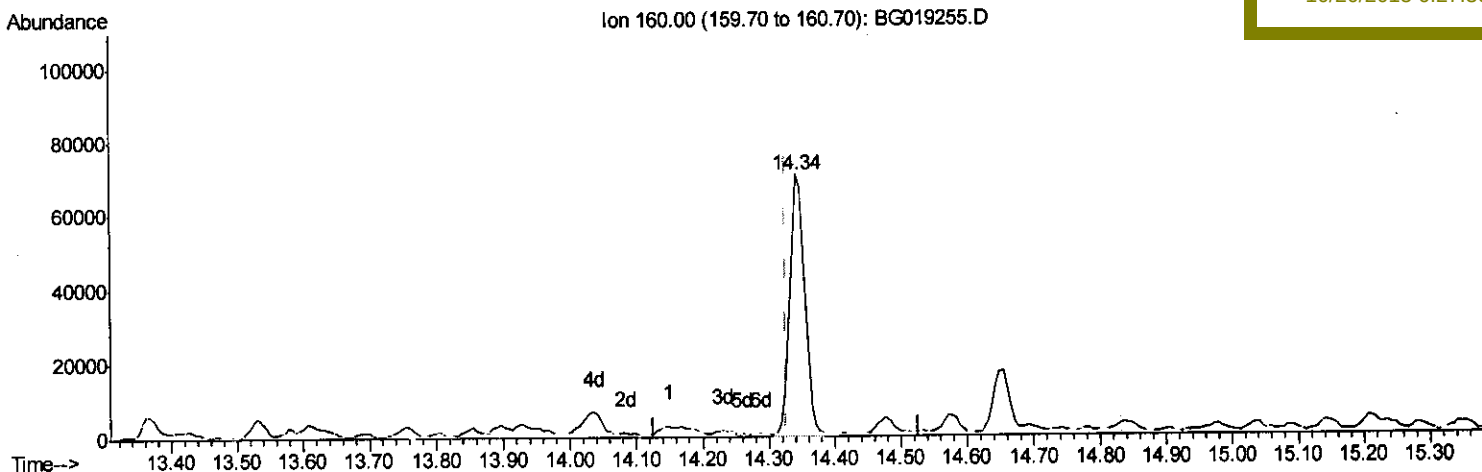
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(47) Acenaphthylene-d8 (S)

14.342min (+0.016) 20.99ng/ul m U.M
 response 112153
 11/3/15

Ion	Exp%	Act%
160.00	100	100
80.00	11.60	10.27
158.00	15.80	15.92
0.00	0.00	0.00

Quantitation Report (Qedit)

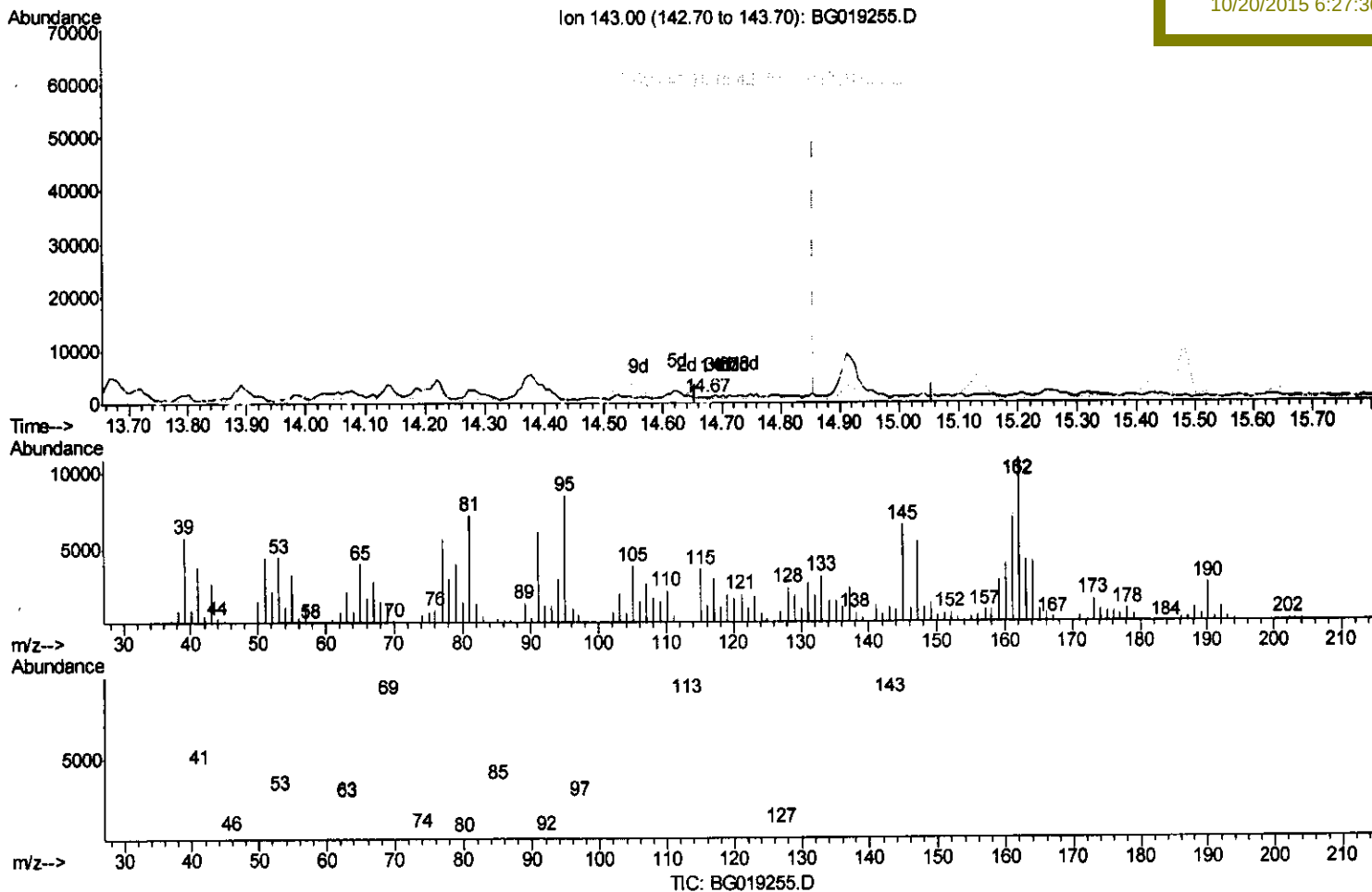
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(52) 4-Nitrophenol-d4 (S)

14.671min (-0.184) 8.92ng/ul

response 171

Ion	Exp%	Act%
143.00	100	100
113.00	73.80	13.95#
41.00	46.80	339.54#
42.00	29.50	53.40#

Quantitation Report (Qedit)

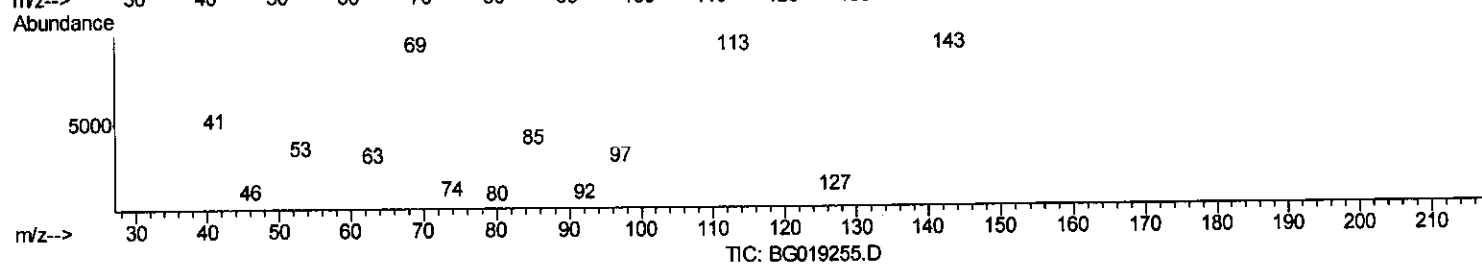
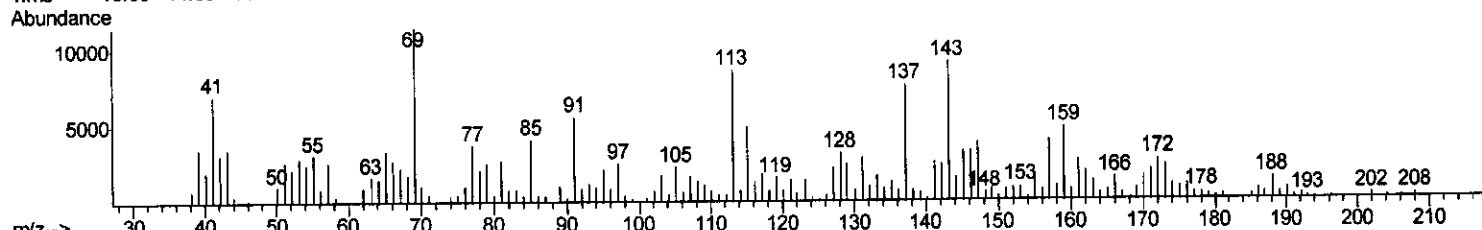
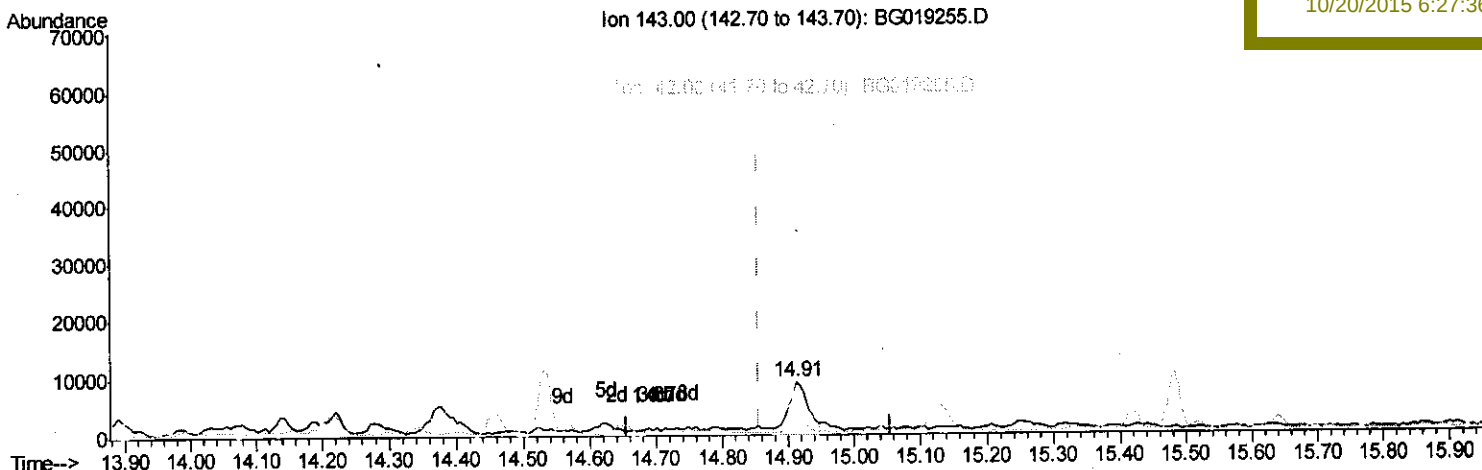
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:36 PM



(52) 4-Nitrophenol-d4 (S)

14.912min (+0.057) 21.88ng/ul m

response 19447

Ion	Exp%	Act%
143.00	100	100
113.00	73.80	94.41#
41.00	46.80	76.47#
42.00	29.50	34.51

U.M
 11/3/15

Quantitation Report (Qedit)

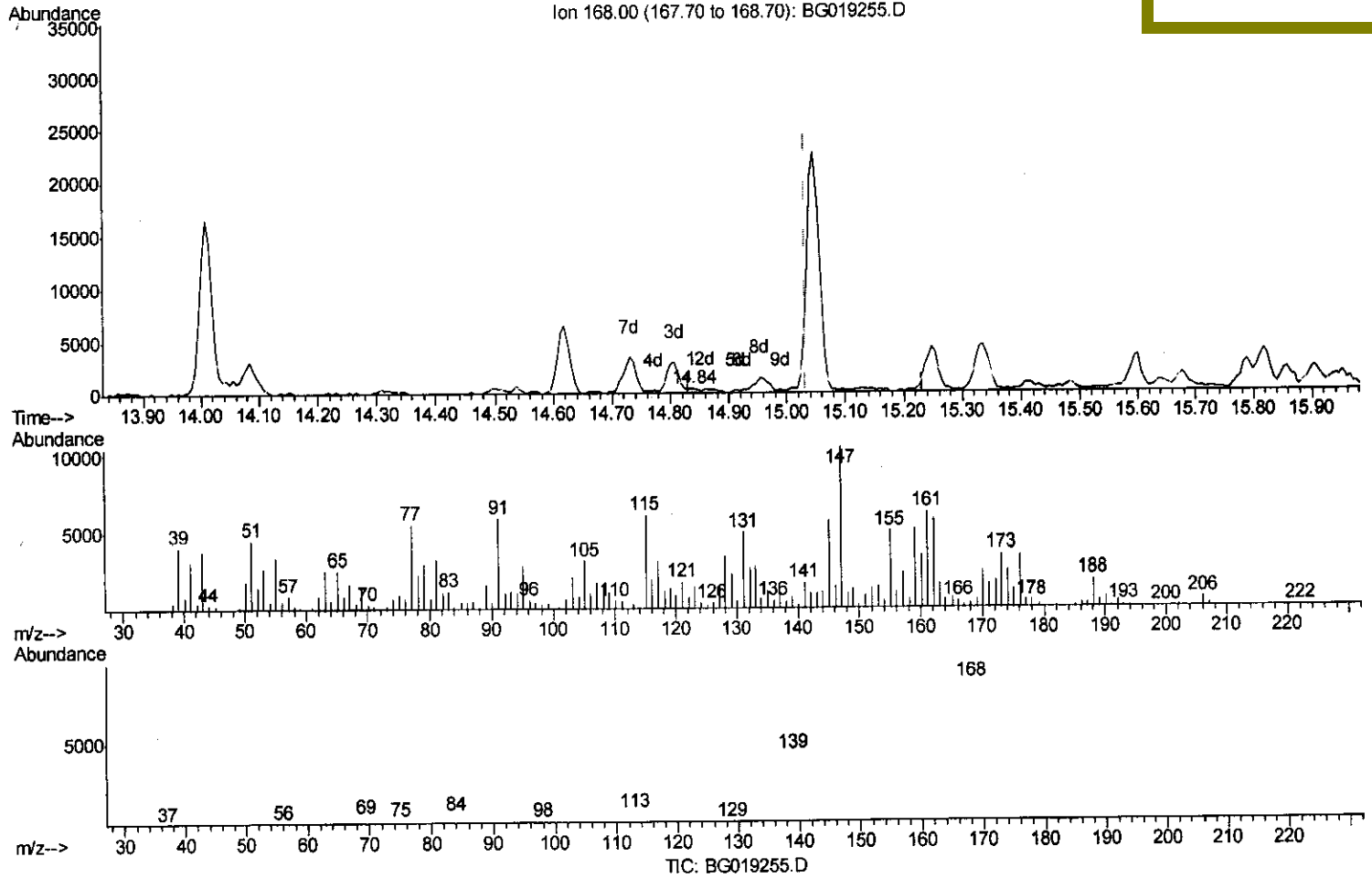
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(54) Dibenzo(f,h)quinoxaline

14.836min (-0.196) 2.86ng/ul

response 344

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	194.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

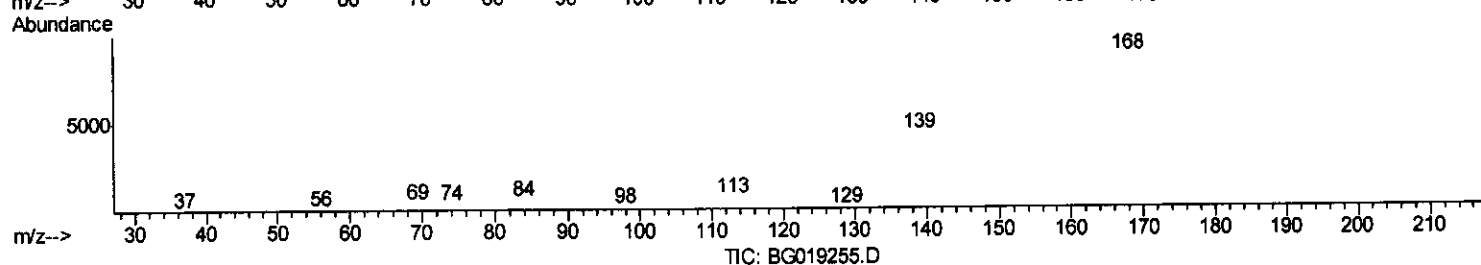
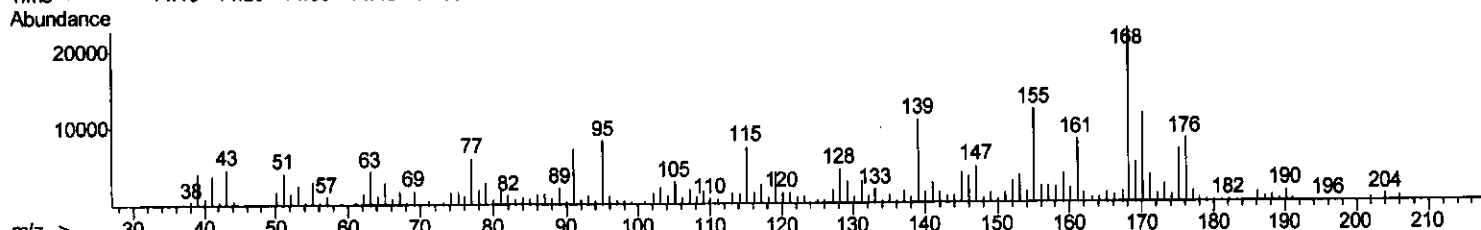
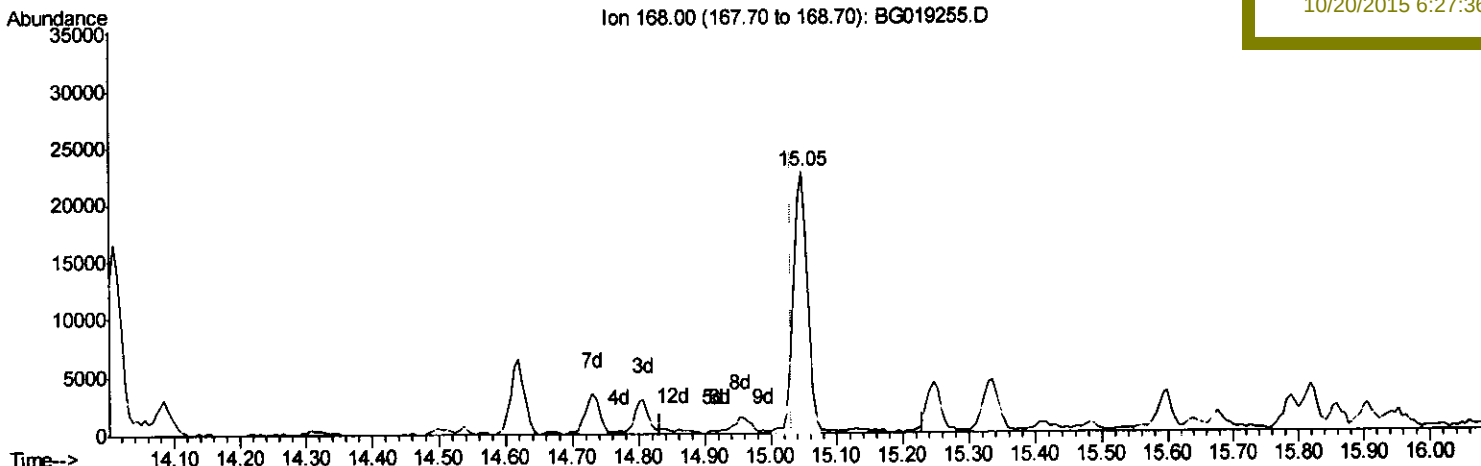
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:36 PM



(54) Dibenzofuran

15.047min (+0.016) 6.15ng/ul m

response 34324

U.M
 11/3/15

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	47.95#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

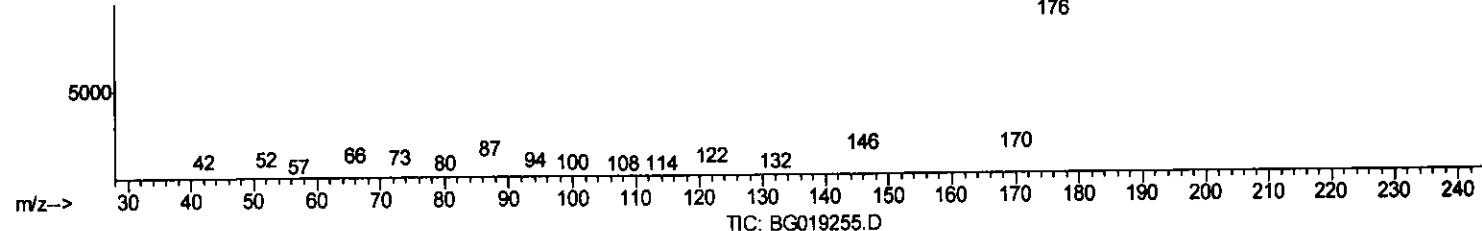
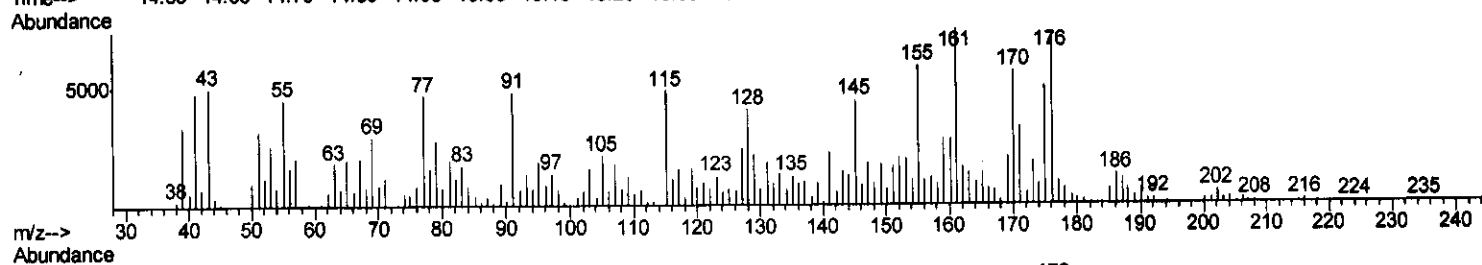
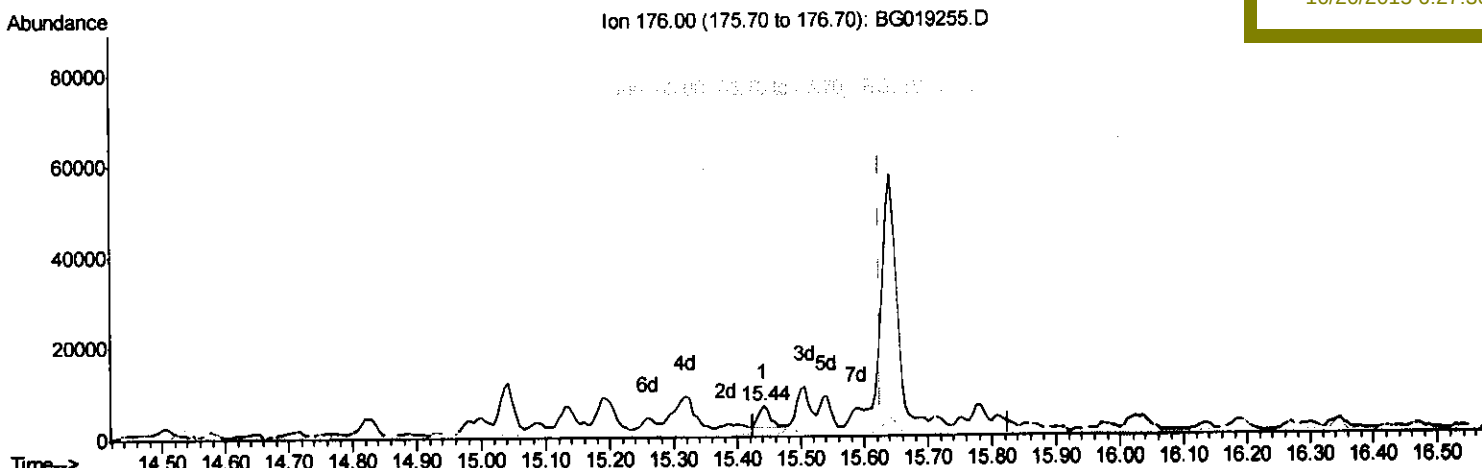
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(58) Fluorene-d10 (S)

15.441min (-0.184) 75.60ng/ul

response 6889

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	14.61#
87.00	12.30	7.54#
86.00	11.30	4.59#

Quantitation Report (Qedit)

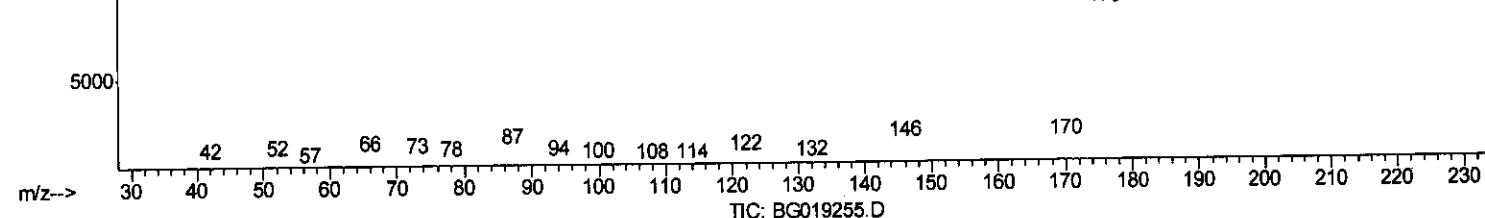
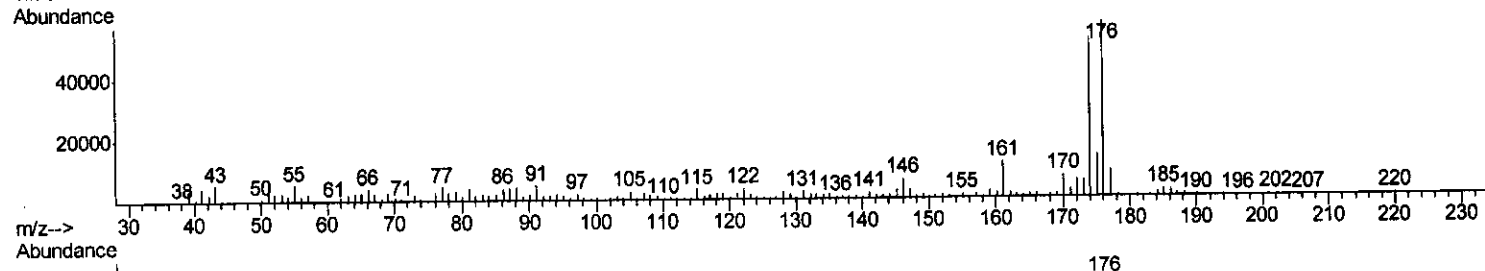
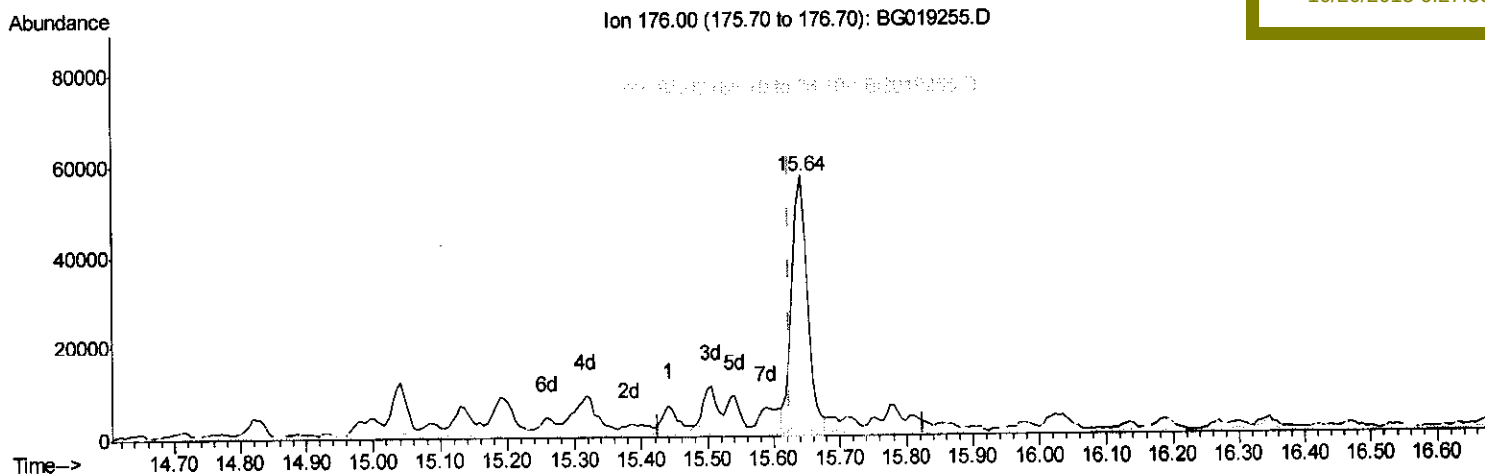
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(58) Fluorene-d10 (S)

15.641min (+0.016) 22.59ng/ul m

response 95446

U.M
 11/3/15

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	90.92
87.00	12.30	7.75#
86.00	11.30	7.28#

Quantitation Report (Qedit)

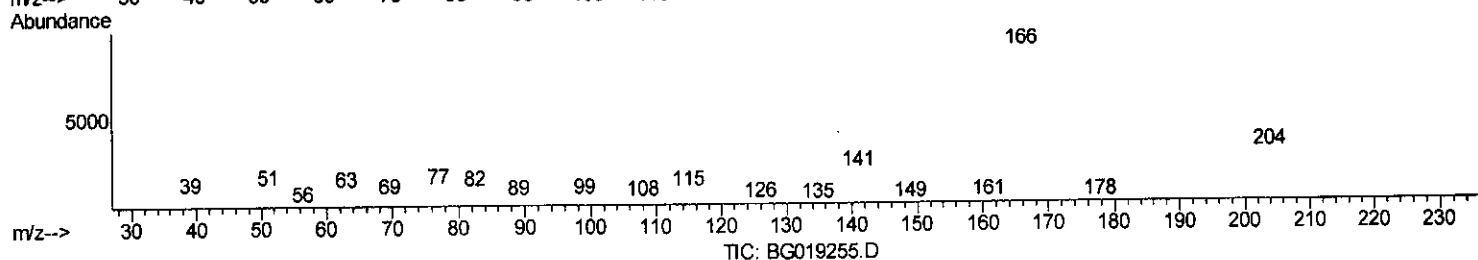
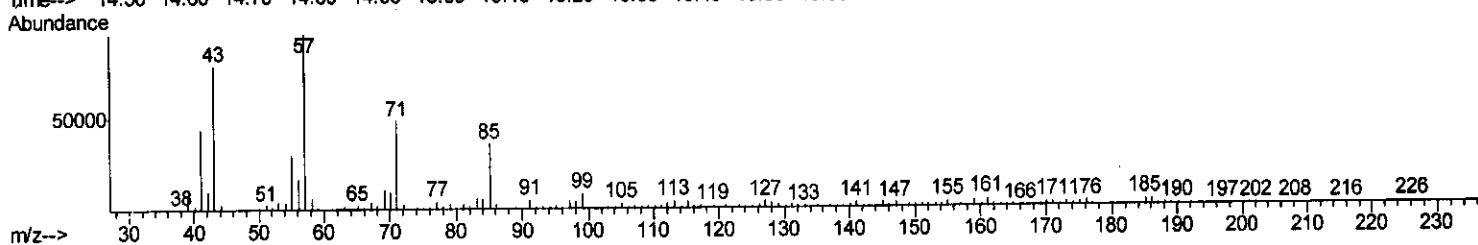
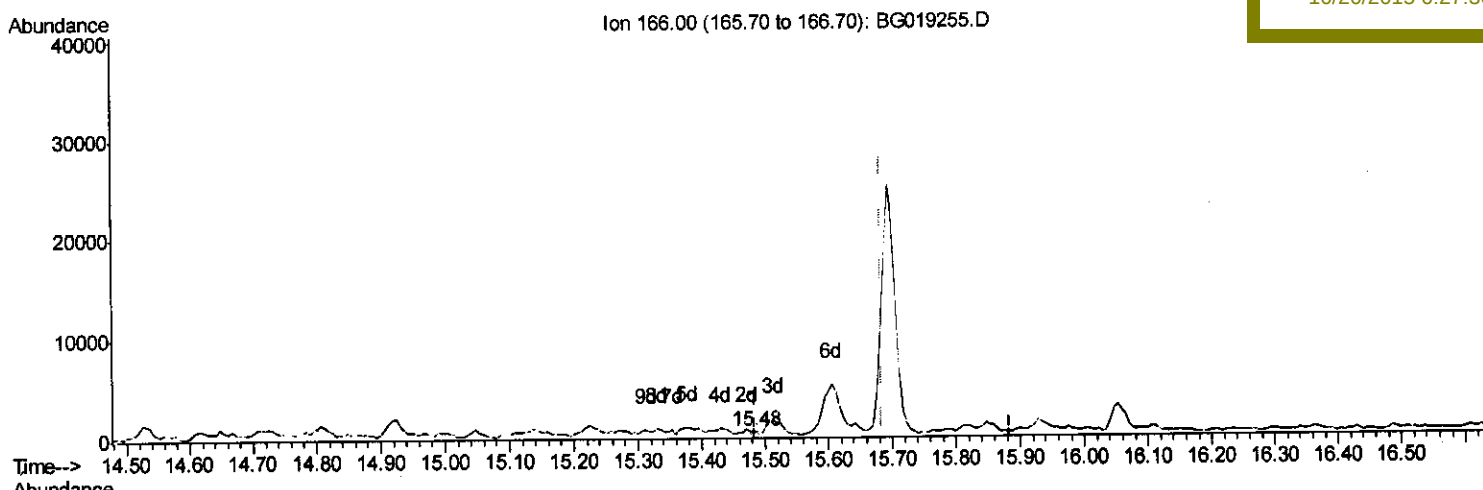
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5

Quant Time: Oct 20 19:22:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:36 PM



(59) Fluorene

15.482min (-0.202) 1.58ng/ul

response 163

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	199.87#
167.00	13.00	149.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

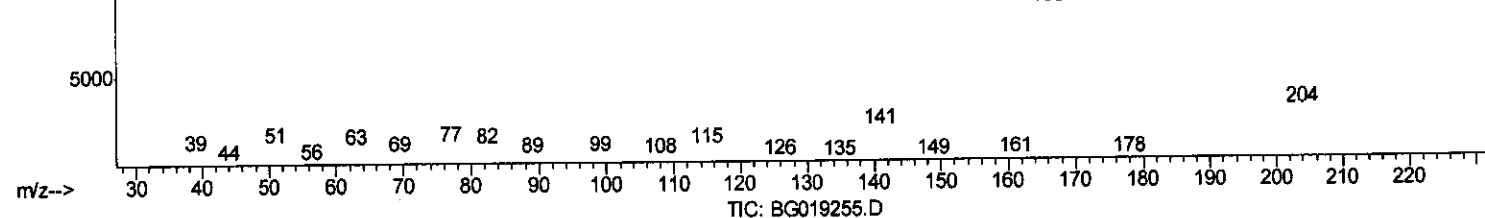
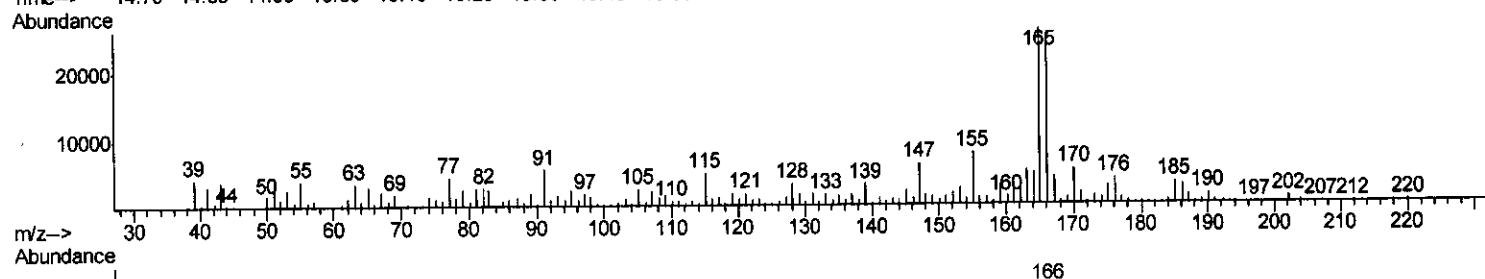
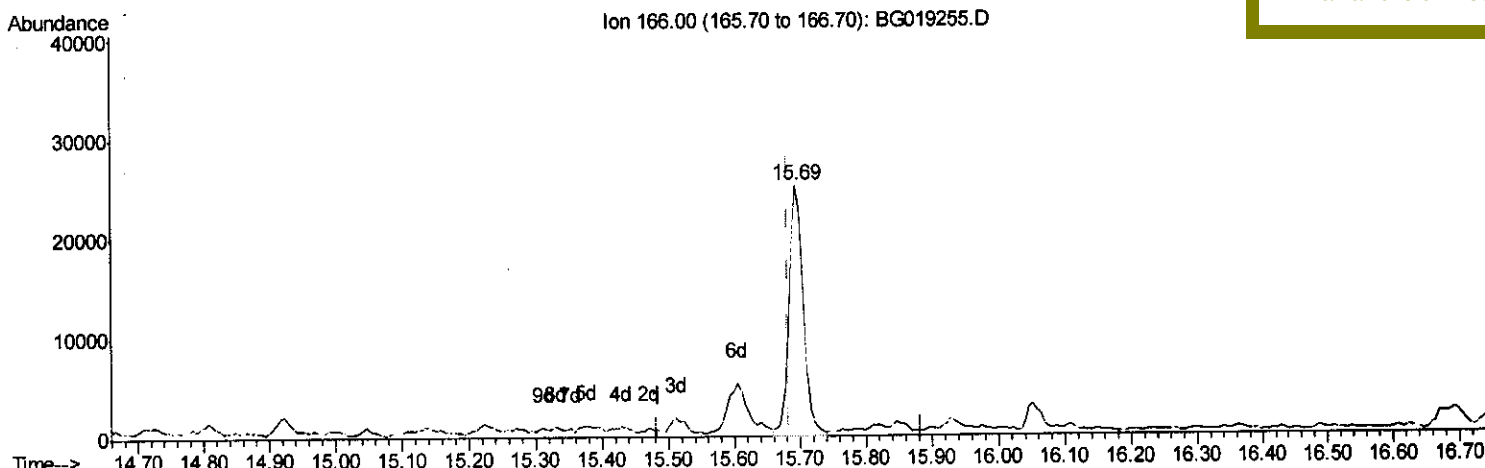
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:36 PM



(59) Fluorene

15.694min (+0.010) 8.16ng/ul m

response 38966

U.M
 11/3/15

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	103.71
167.00	13.00	17.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

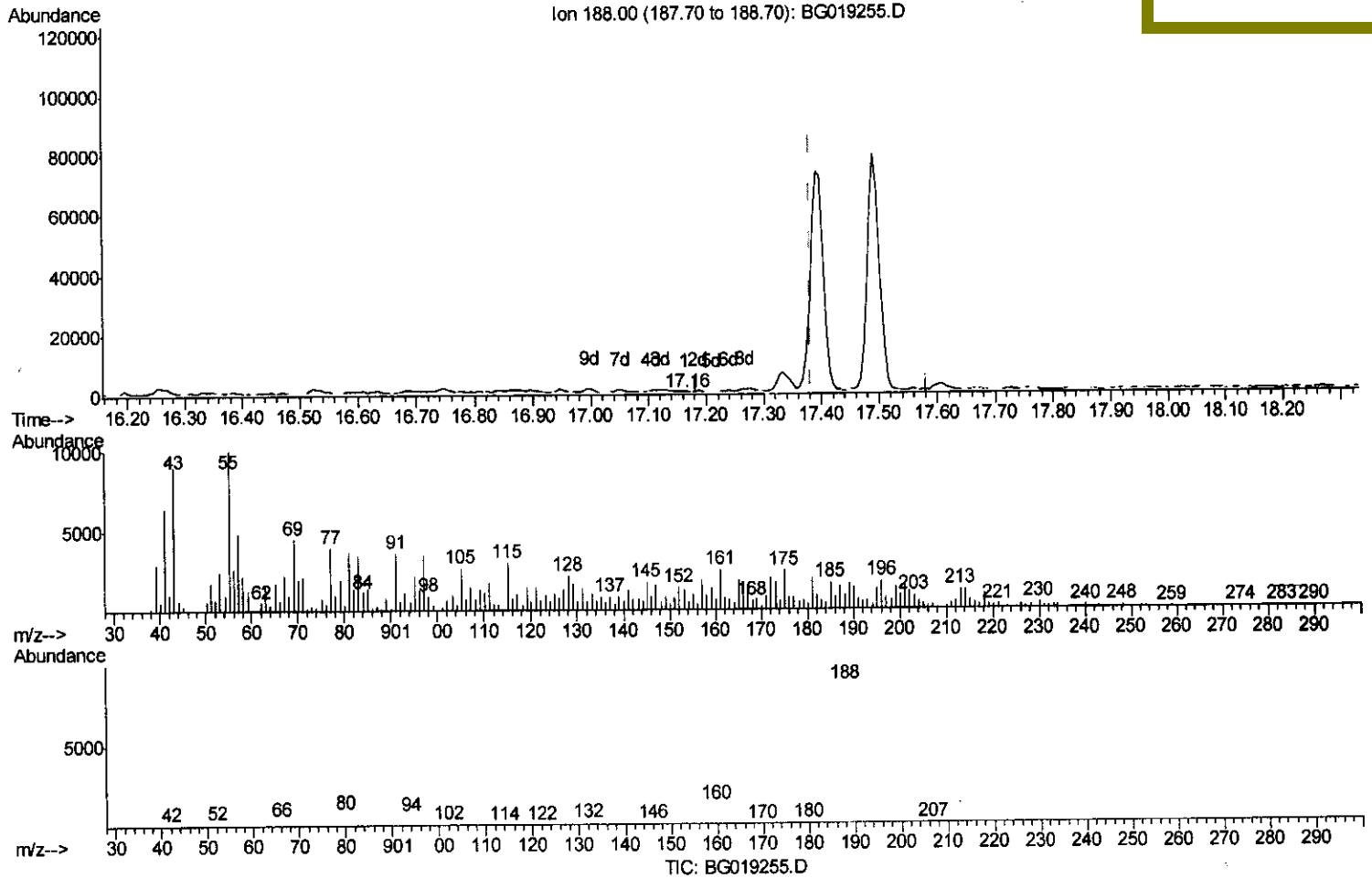
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(62) Phenanthrene-d10 (I)

17.162min (-0.219) 20.00ng/ul

response 177

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	69.13#
80.00	10.90	45.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

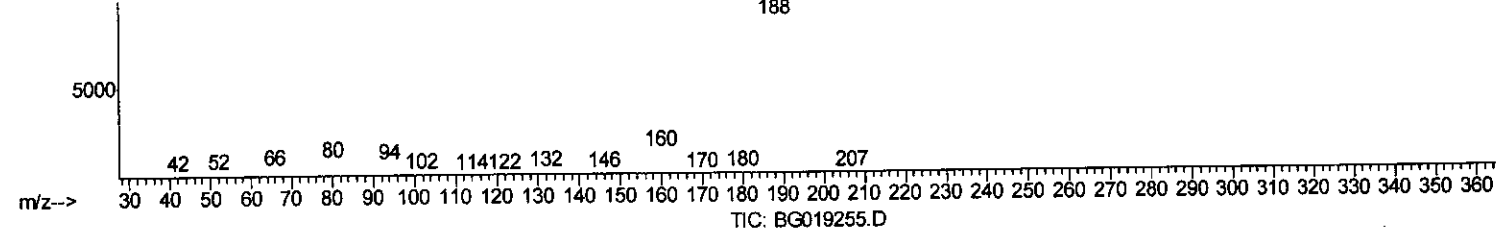
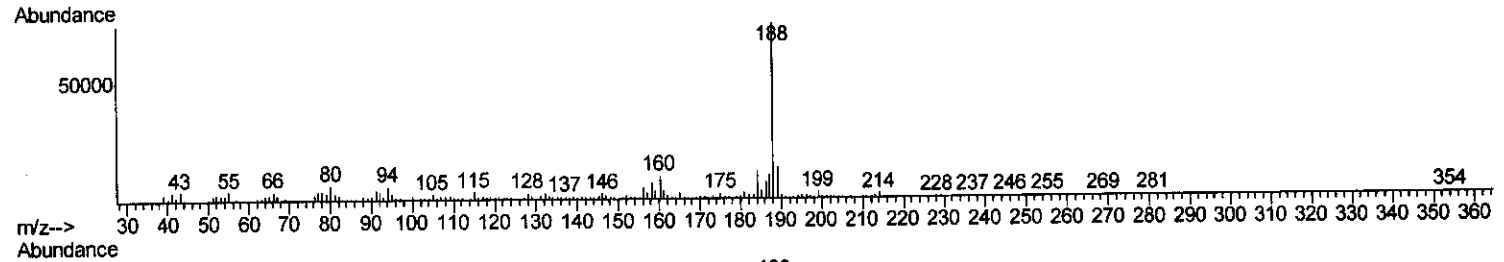
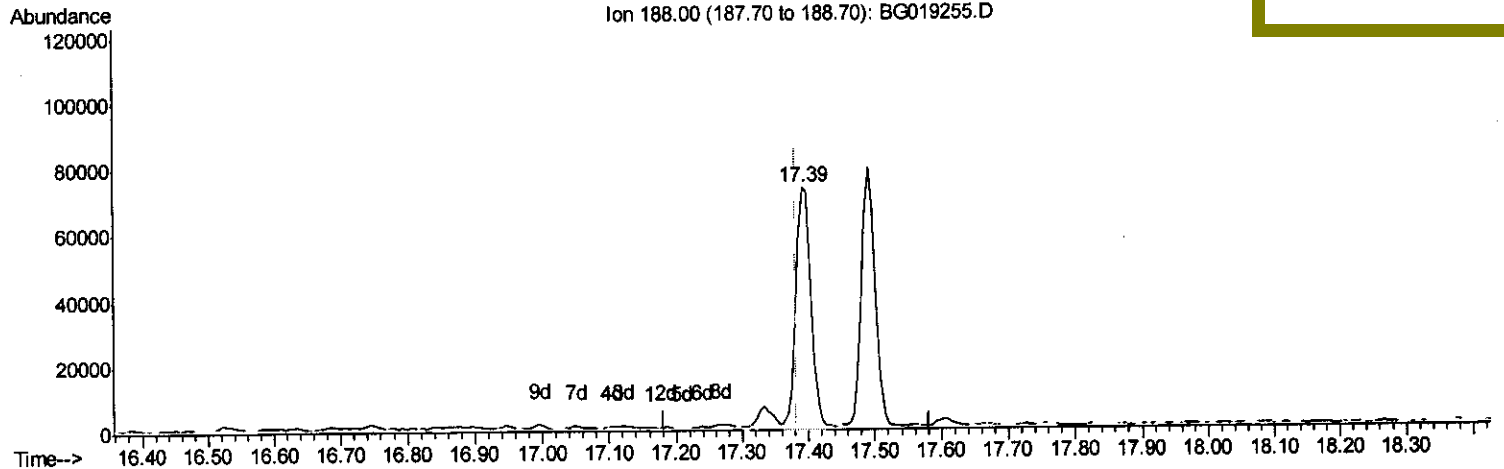
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(62) Phenanthrene-d10 (I)

17.392min (+0.010) 20.00ng/ul m U.M

response 116981

11/3/15

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.74
80.00	10.90	8.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

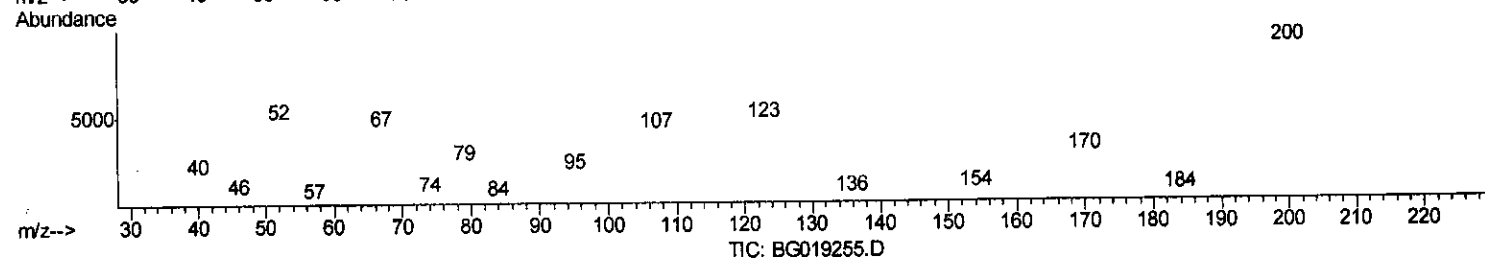
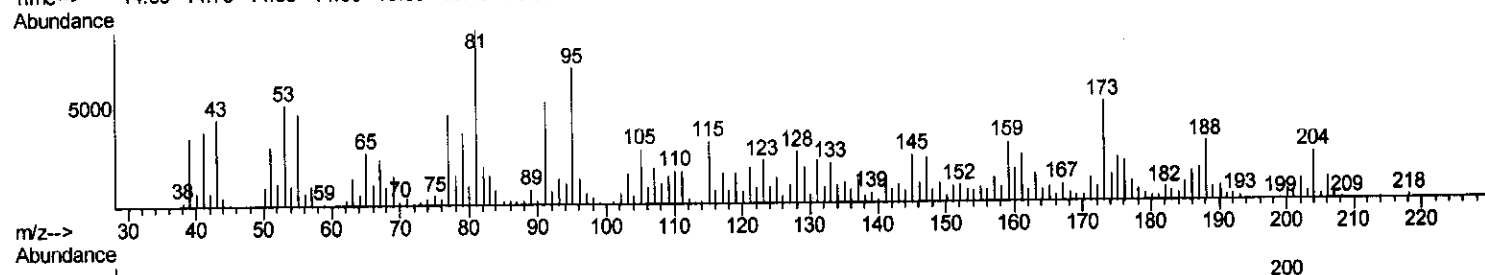
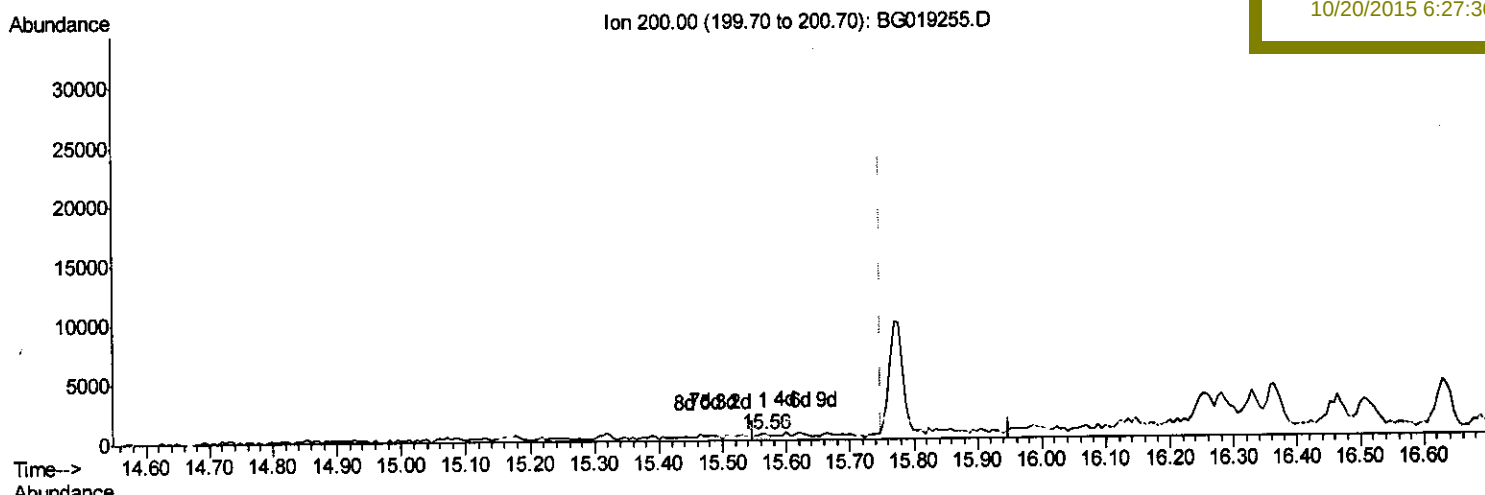
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:36 PM



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

15.564min (-0.184) 385.55ng/ul

response 421

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	76.01#
52.00	46.30	207.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

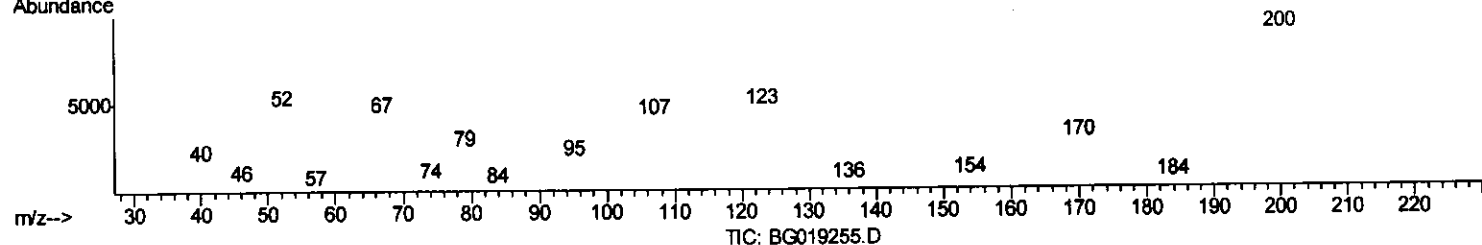
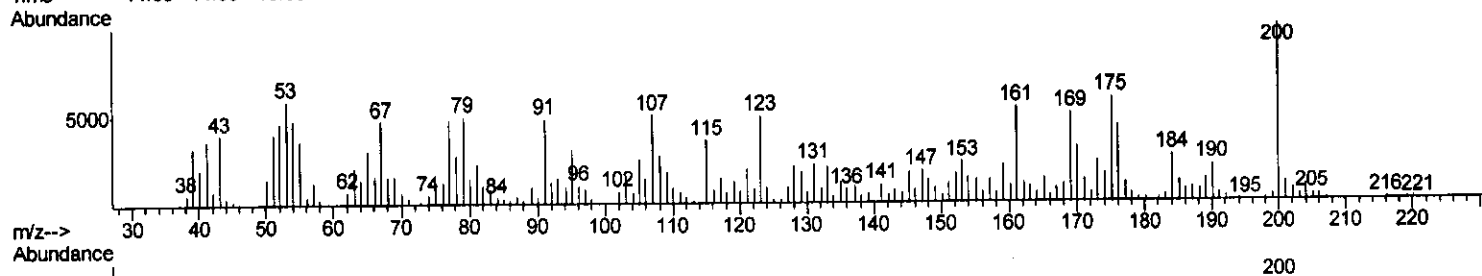
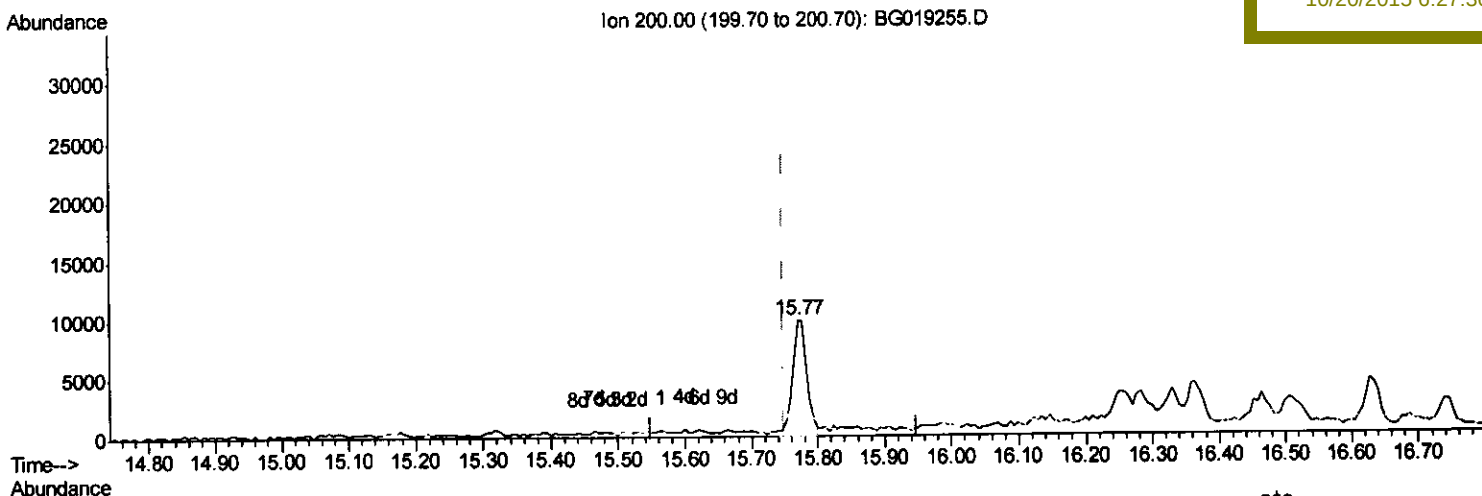
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



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

15.770min (+0.022) 20.85ng/ul m

response 15049

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	32.86#
52.00	46.30	47.01
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

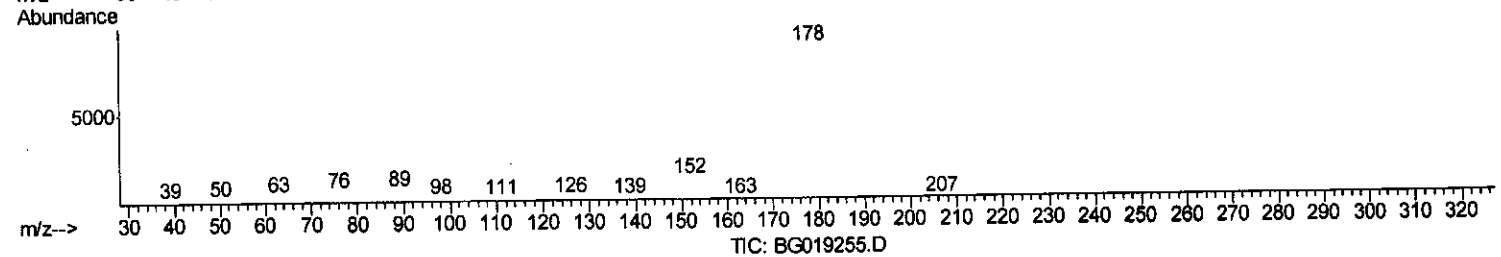
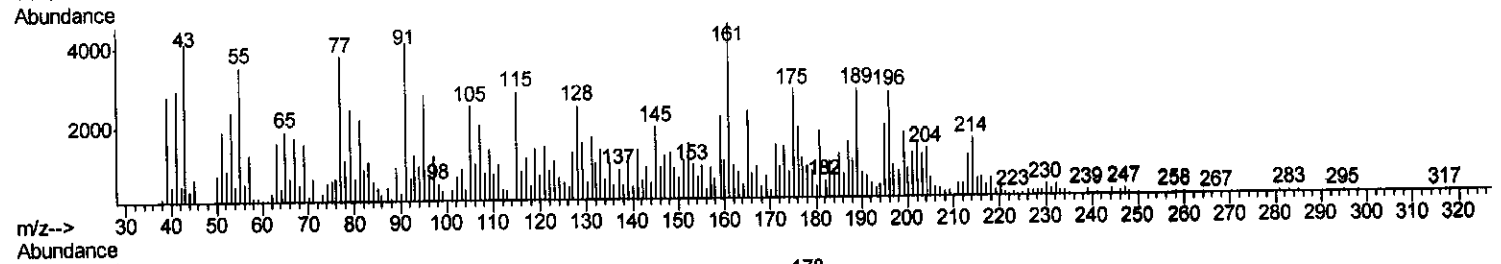
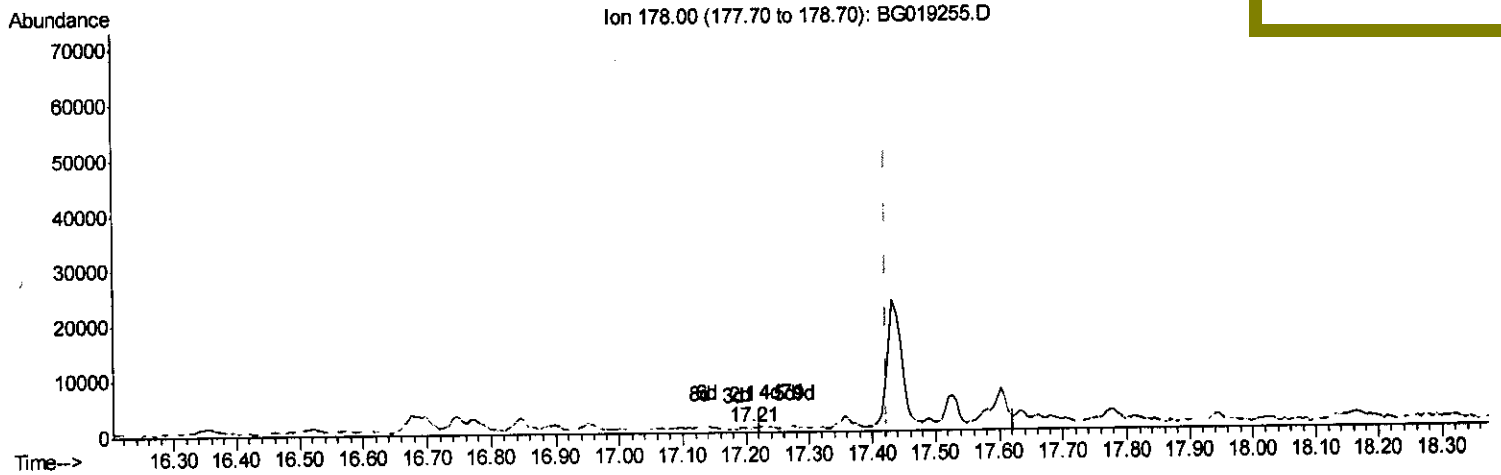
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(70) Phenanthrene

17.209min (-0.213) 17.50ng/ul

response 173

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	89.71#
176.00	19.20	202.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

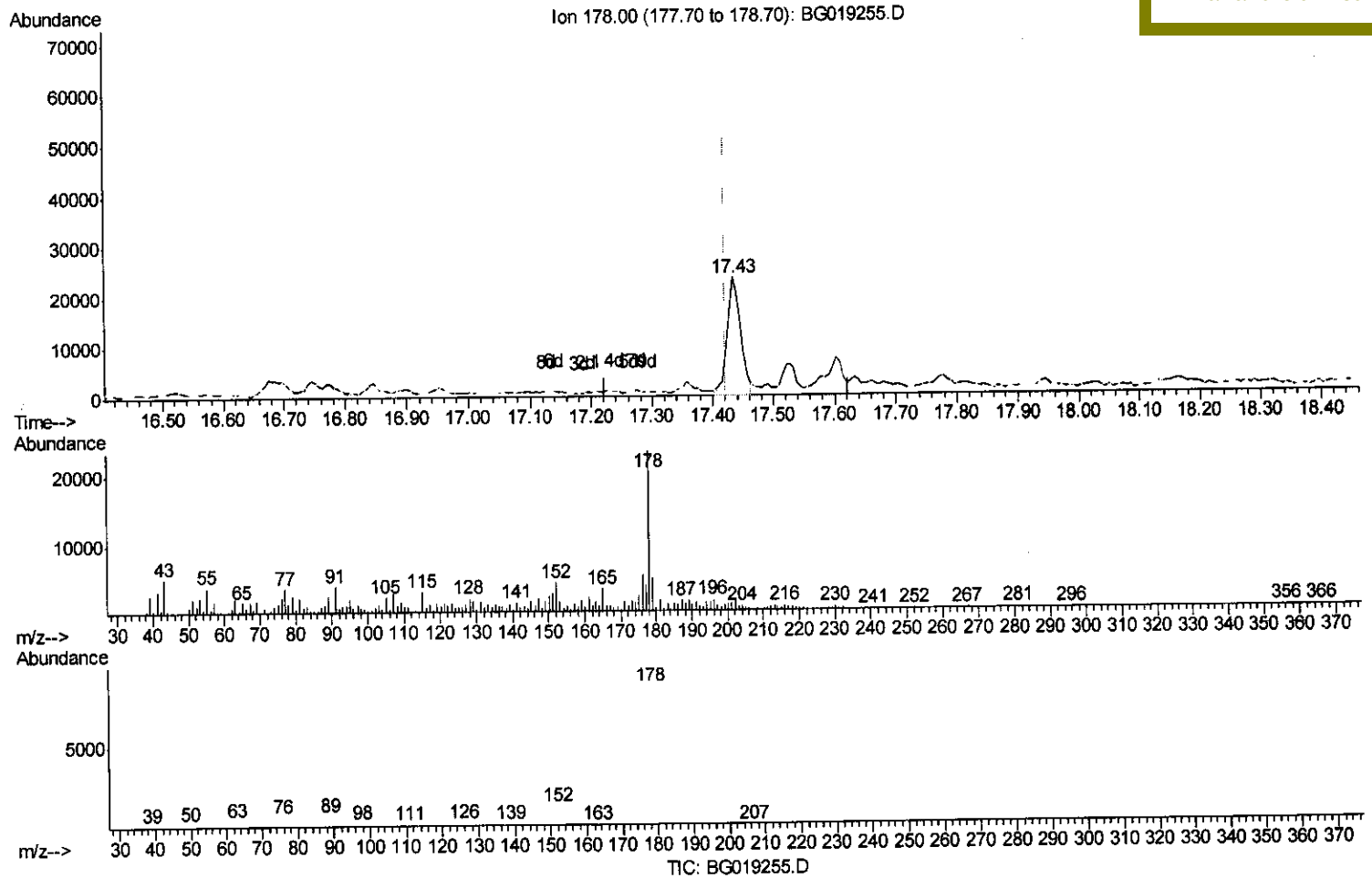
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(70) Phenanthrene

17.433min (+0.010) 5.60ng/ul m

response 36559

U.M
 11/3/15

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	20.83#
176.00	19.20	22.92
0.00	0.00	0.00

Quantitation Report (Qedit)

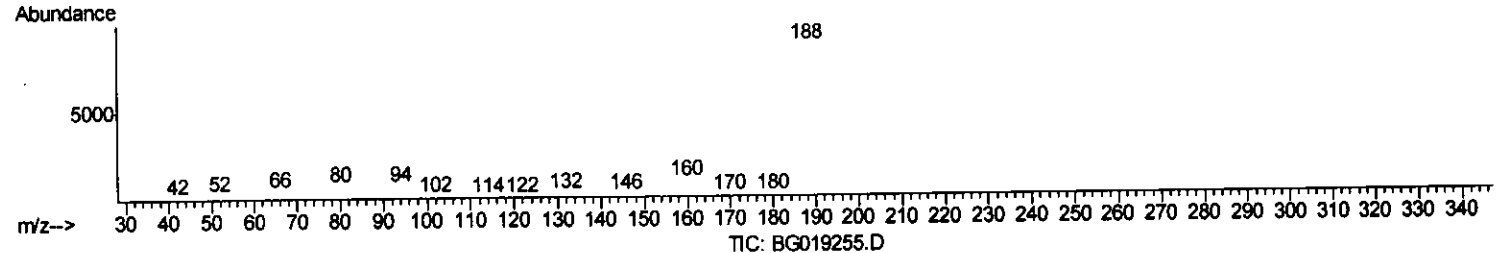
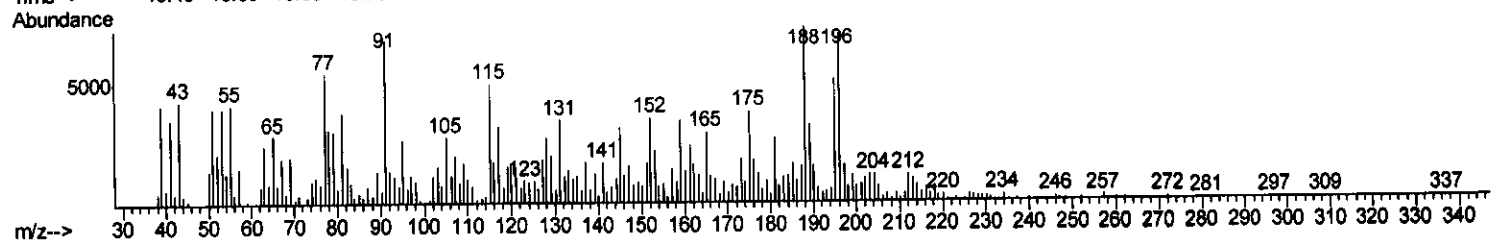
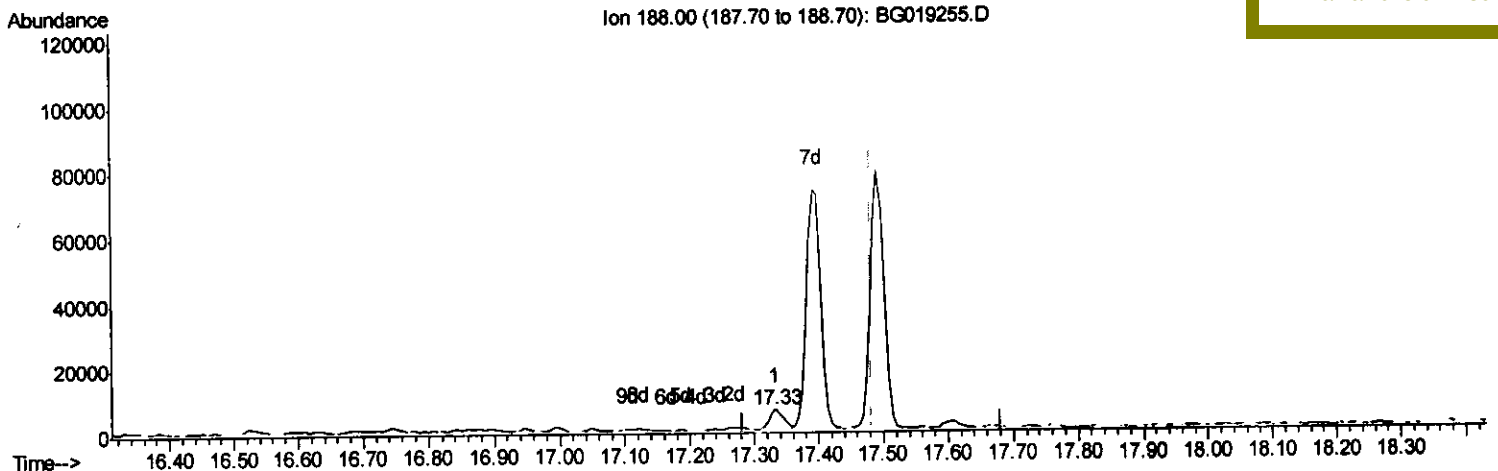
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(71) Anthracene-d10 (S)

17.333min (-0.149) 1087.93ng/ul

response 9098

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	11.79
80.00	9.40	10.28
0.00	0.00	0.00

Quantitation Report (Qedit)

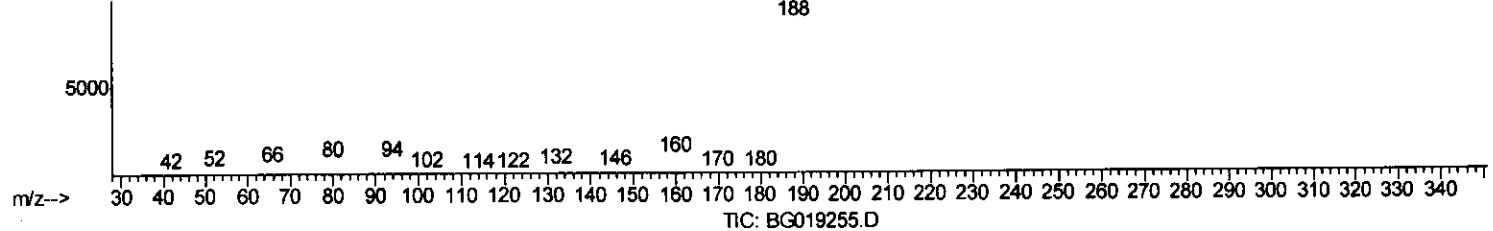
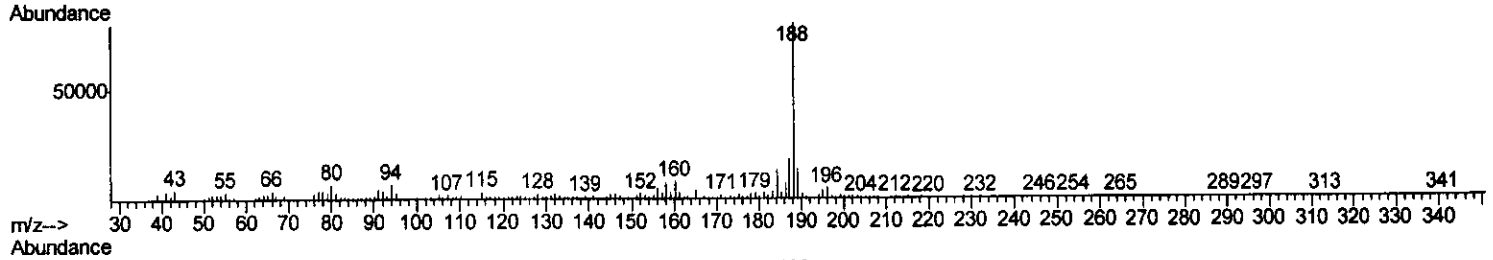
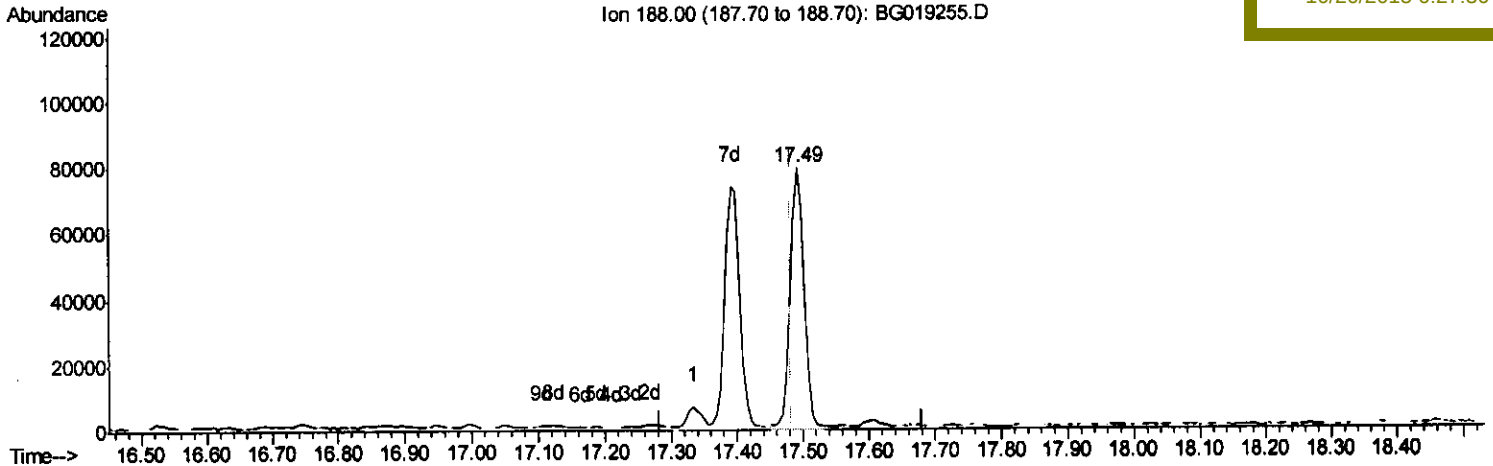
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(71) Anthracene-d10 (S)

17.491min (+0.010) 21.38ng/ul m U.M

response 118149

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	8.54
80.00	9.40	8.67
0.00	0.00	0.00

11/3/15

Quantitation Report (Qedit)

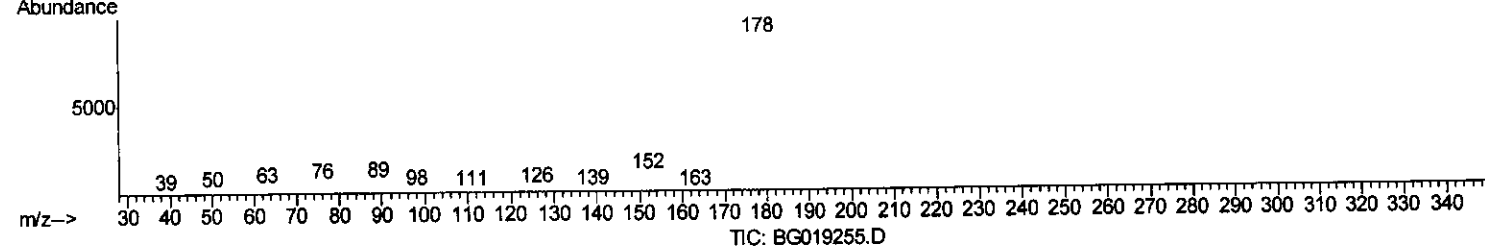
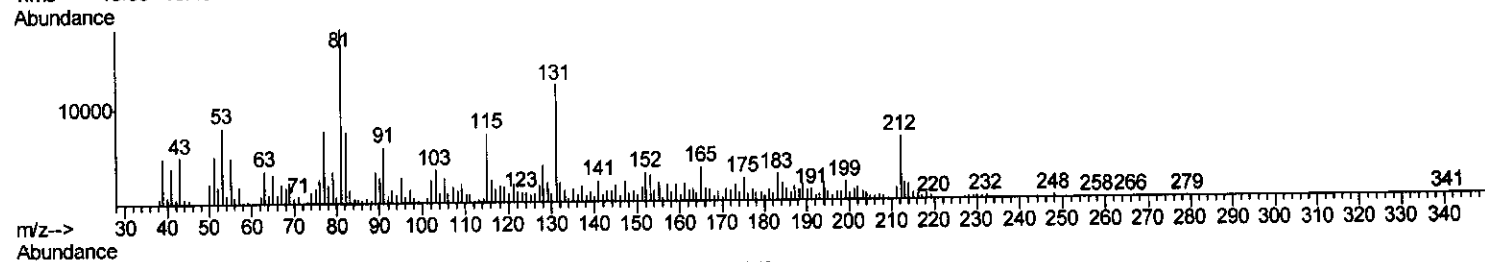
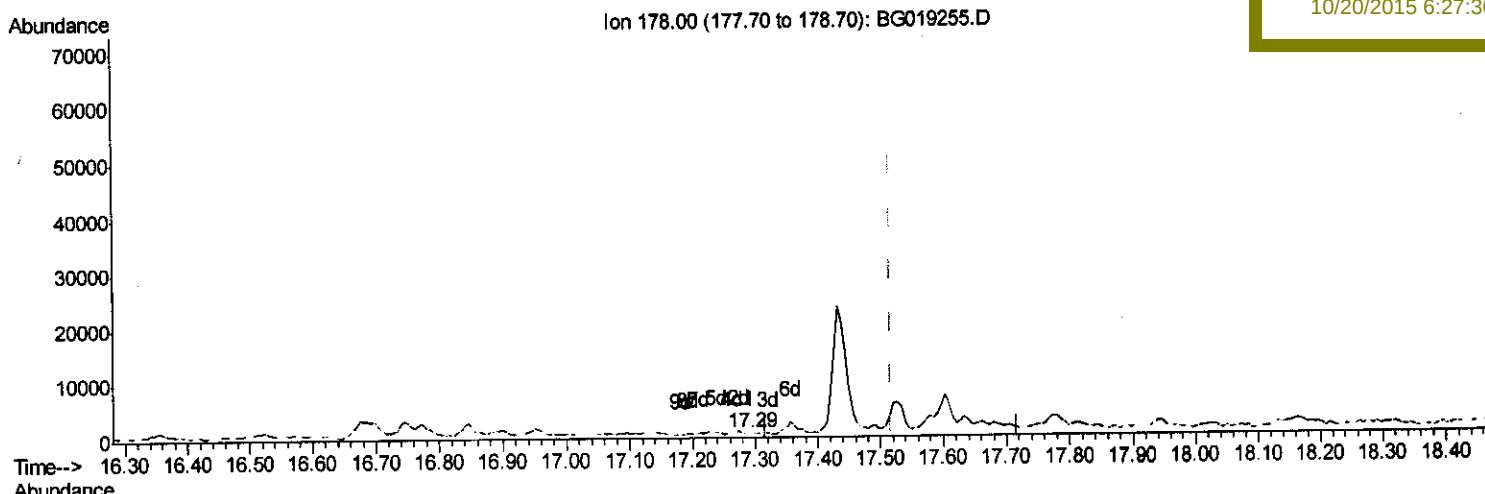
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:36 PM



(72) Anthracene

17.292min (-0.225) 18.92ng/ul

response 190

ion	Exp%	Act%
178.00	100	100
179.00	15.30	95.23#
176.00	18.80	81.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

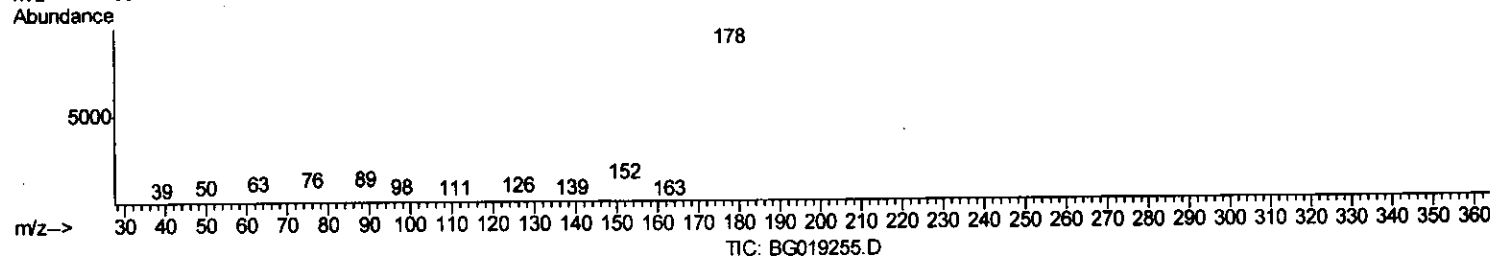
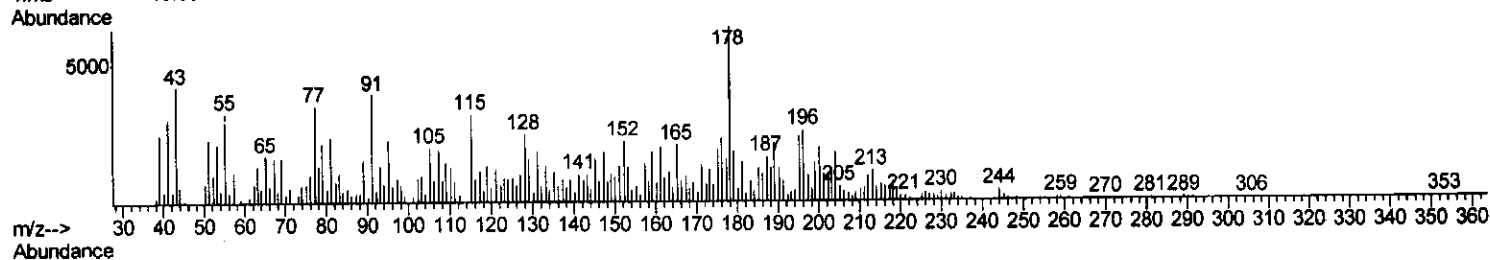
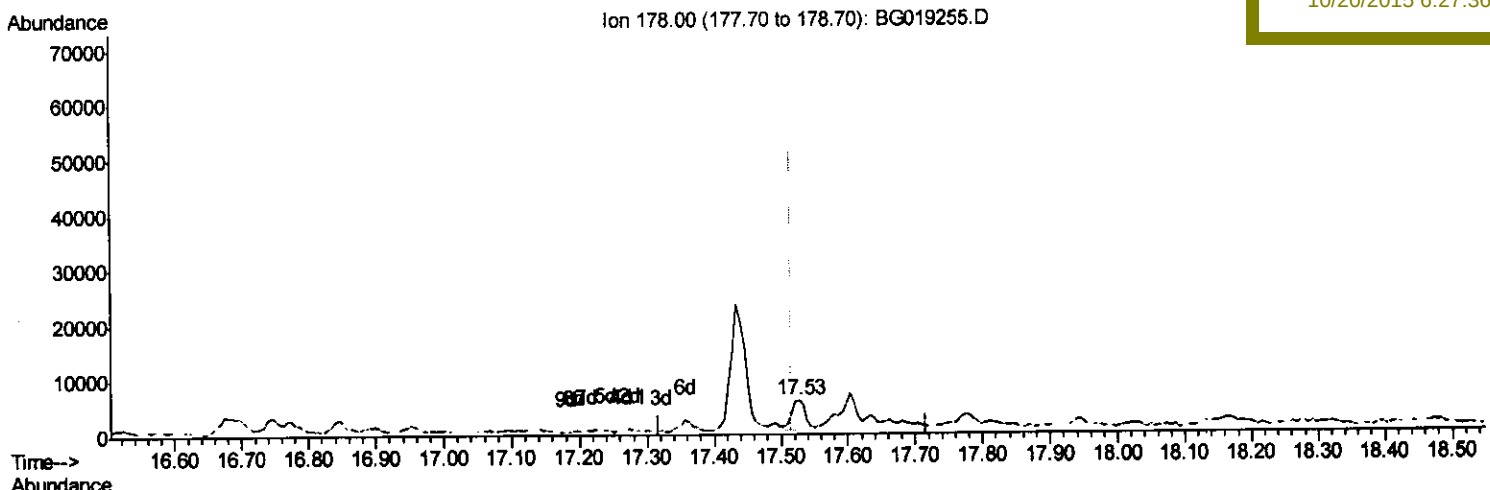
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(72) Anthracene

17.527min (+0.010) 1.20ng/ul m

response 7949

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	30.32#
176.00	18.80	37.86#
0.00	0.00	0.00

U.M
 11/3/15

Quantitation Report (Qedit)

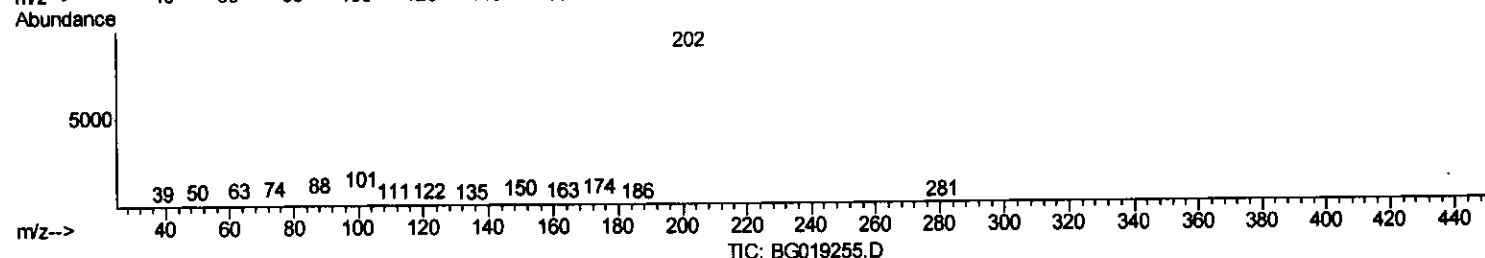
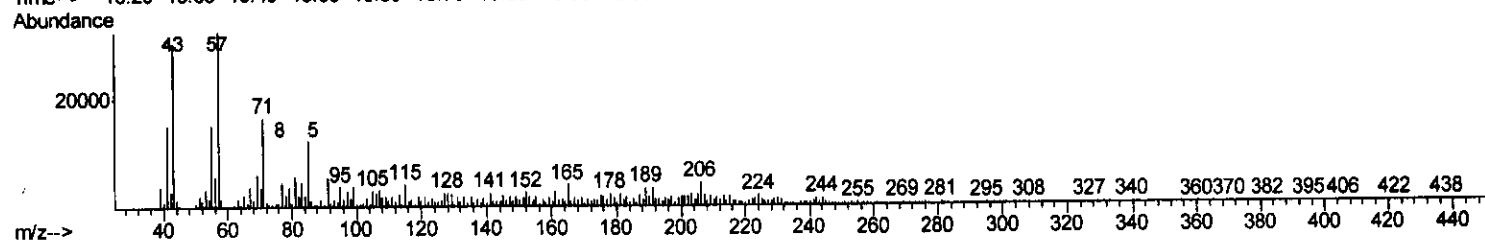
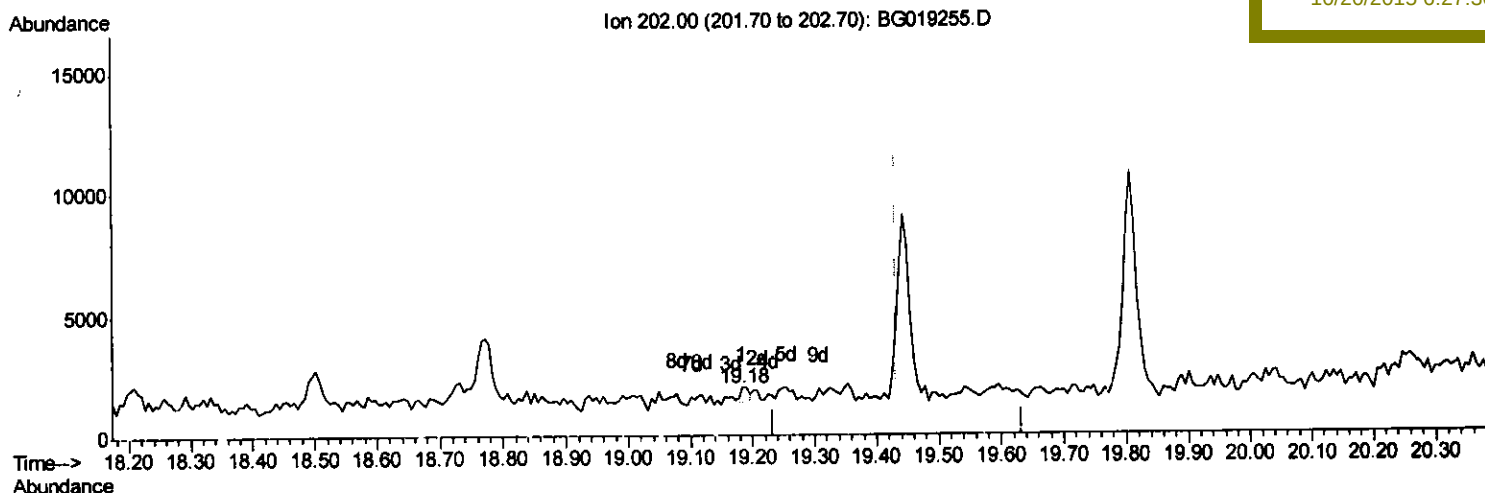
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5

Quant Time: Oct 20 19:22:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:36 PM



(77) Fluoranthene (C)

19.184min (-0.249) 46.88ng/ul

response 580

Ion	Exp%	Act%
202.00	100	100
131.00	11.20	32.90#
100.00	8.60	29.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

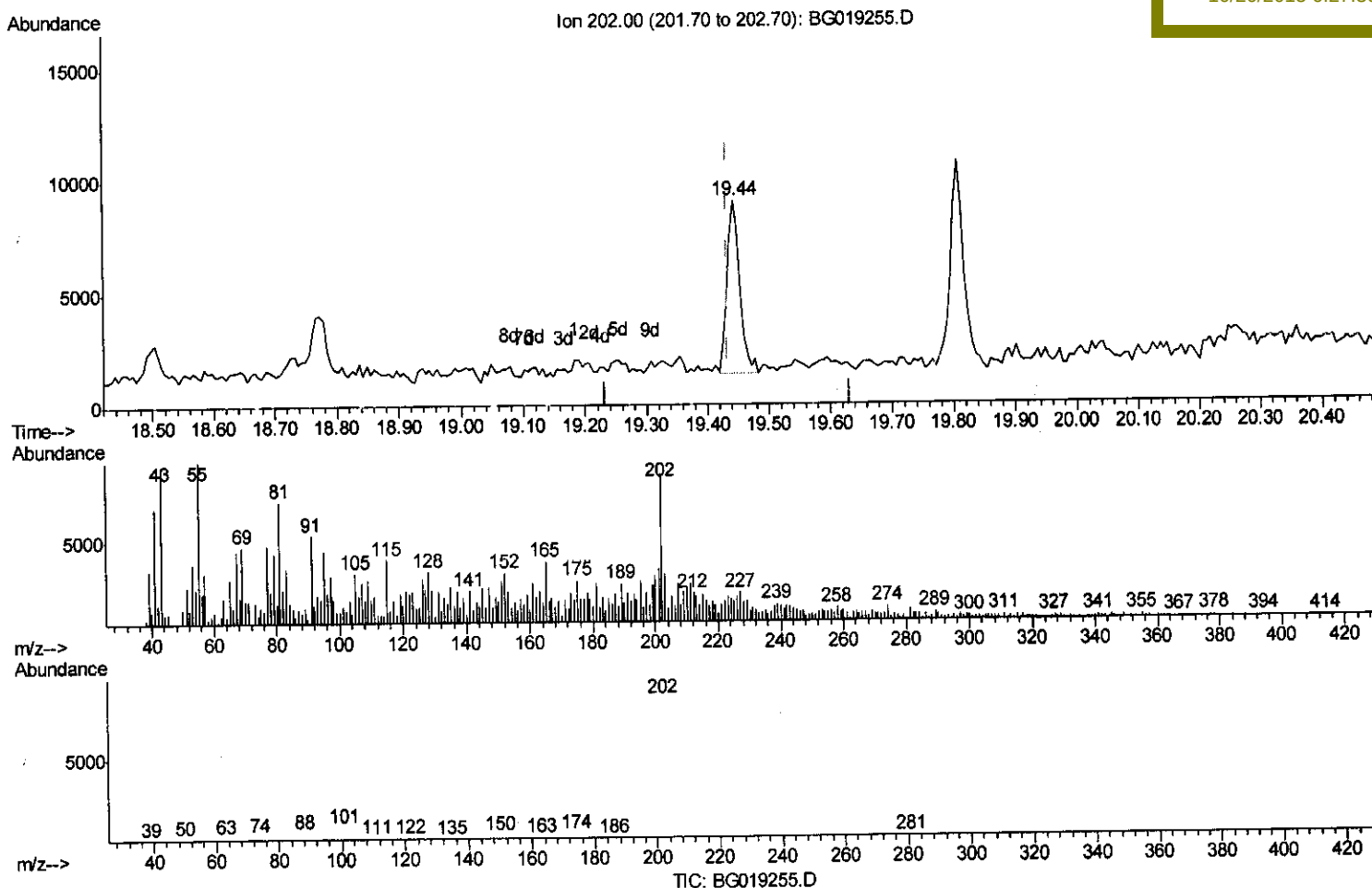
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(77) Fluoranthene (C)

19.442min (+0.010) 1.35ng/ul m

response 11054

U.M
 11/3/15

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	12.47
100.00	8.60	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

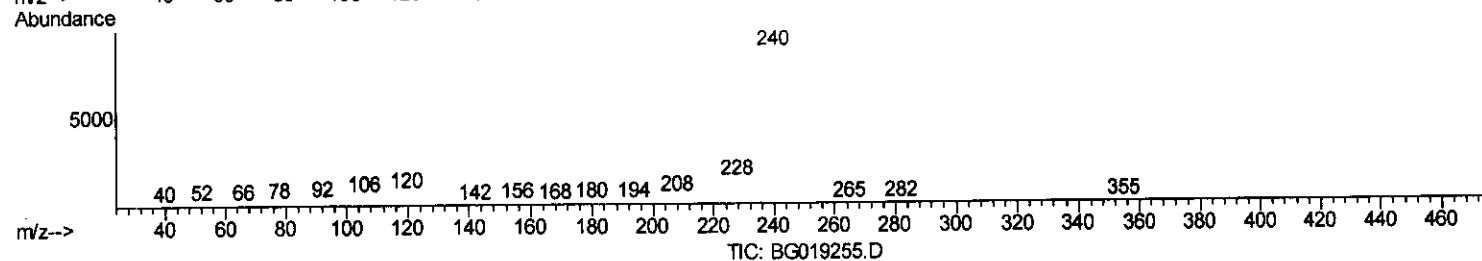
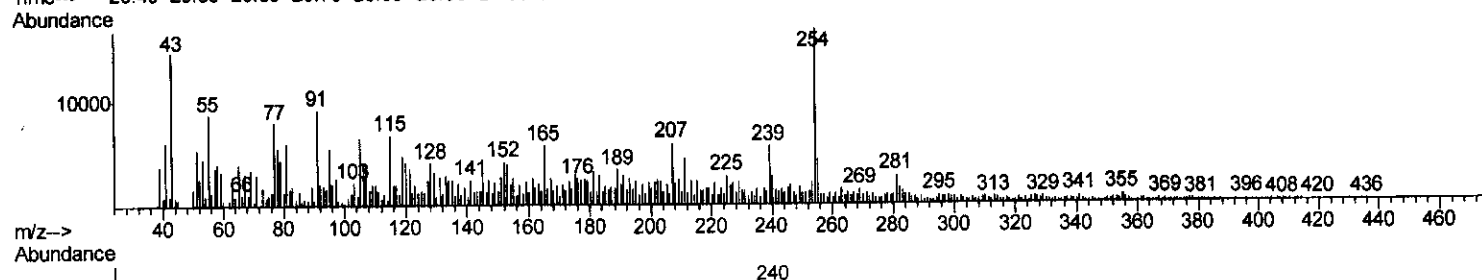
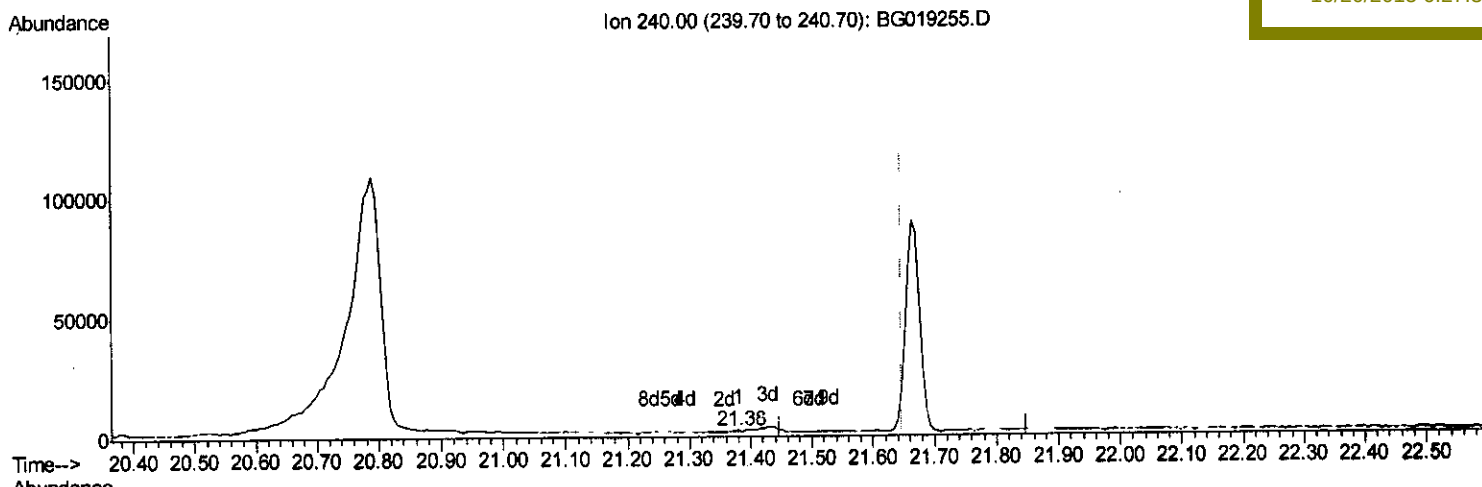
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019255.D
Acq On : 20 Oct 2015 00:51
Operator : UM/NP
Sample : G3996-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK5

Quant Time: Oct 20 19:22:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
10/20/2015 6:27:36 PM



(78) Chrysene-d12 (I)

21.381min (-0.266) 20.00ng/ul

response 745

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	147.94#
236.00	26.00	29.33
0.00	0.00	0.00

Quantitation Report (Qedit)

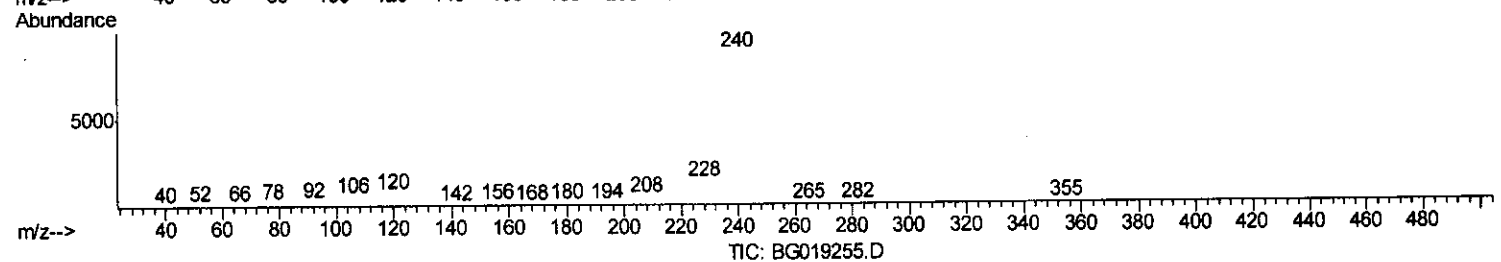
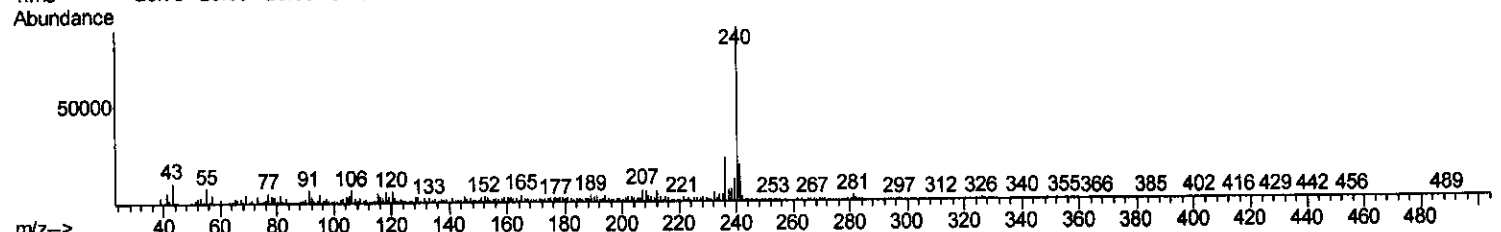
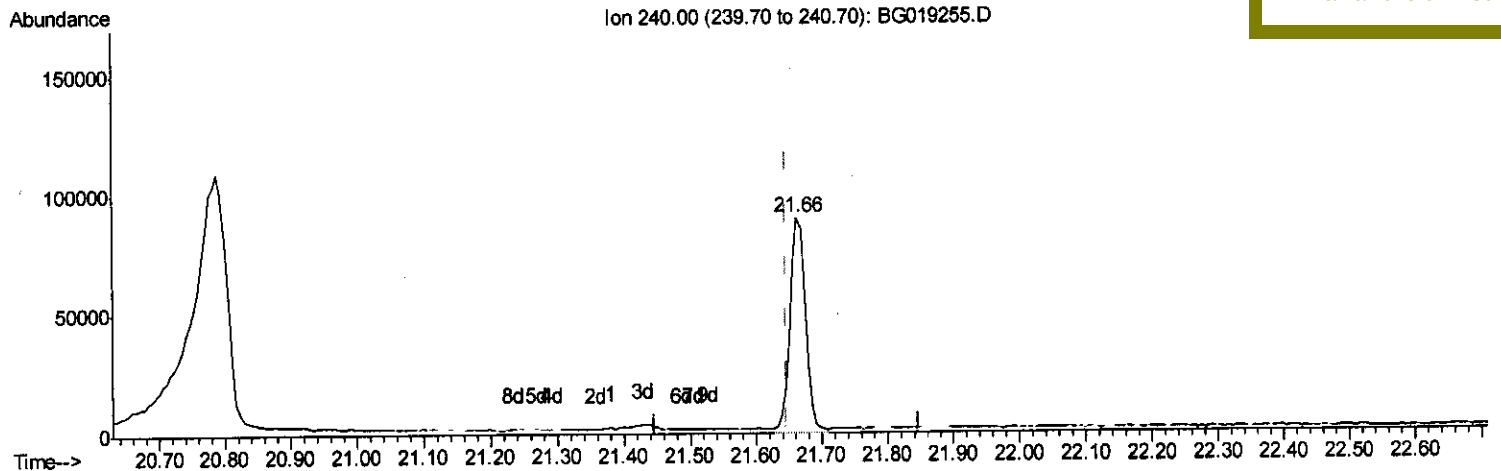
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:36 PM



(78) Chrysene-d12 (I)

21.663min (+0.016) 20.00ng/ul m

response 148209

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 11/3/15

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	6.84#
236.00	26.00	25.24
0.00	0.00	0.00

Quantitation Report (Qedit)

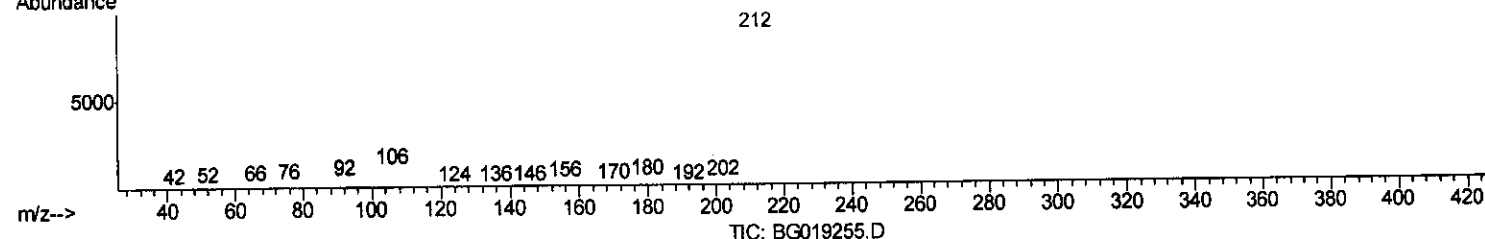
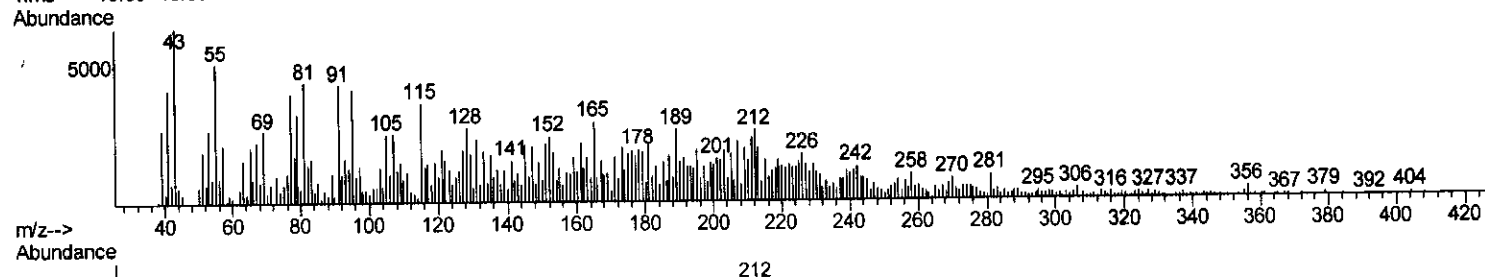
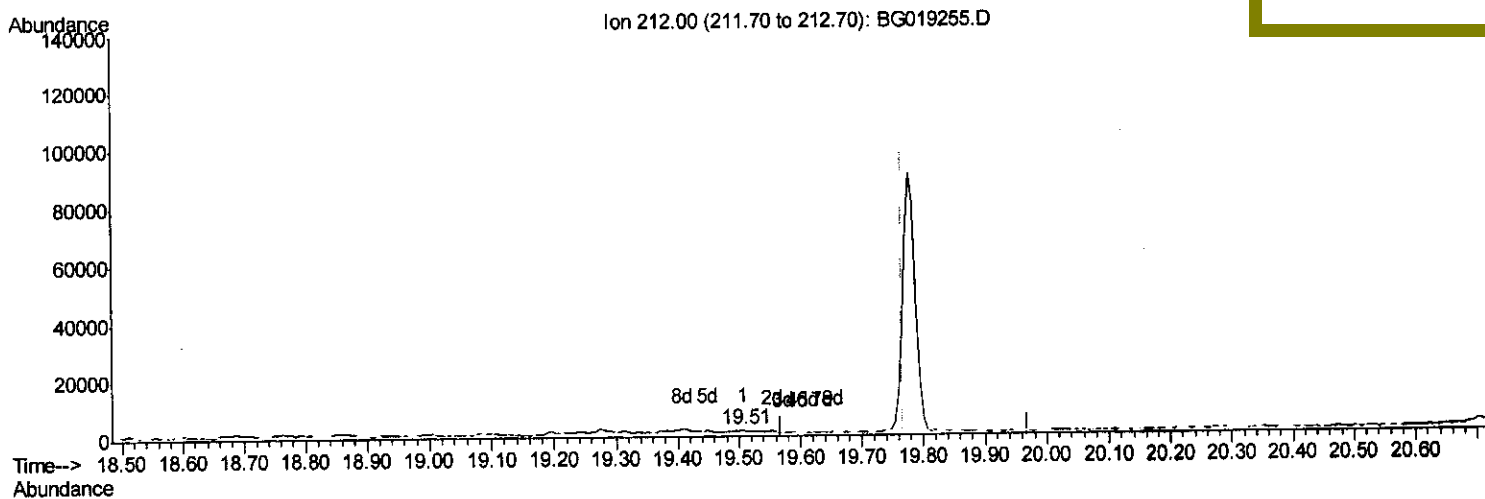
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(79) Pyrene-d10 (S)

19.507min (-0.260) 48.59ng/ul

response 1642

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	42.87#
104.00	9.60	27.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

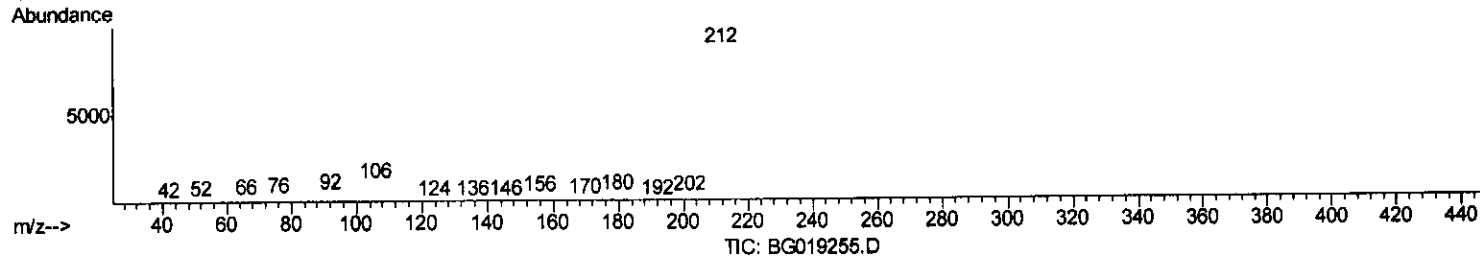
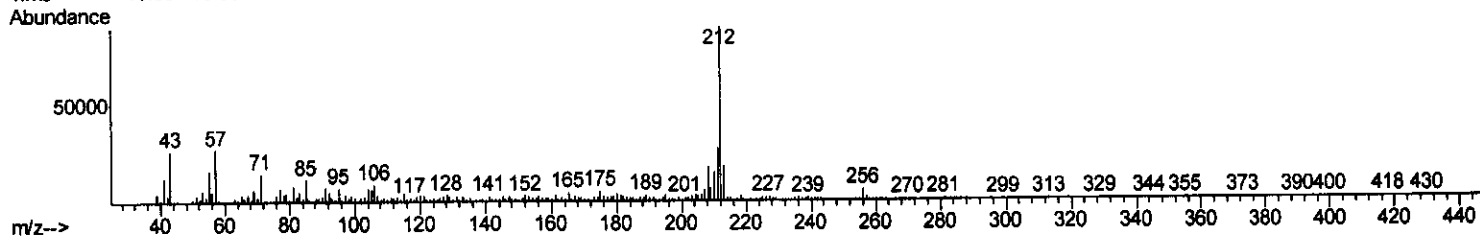
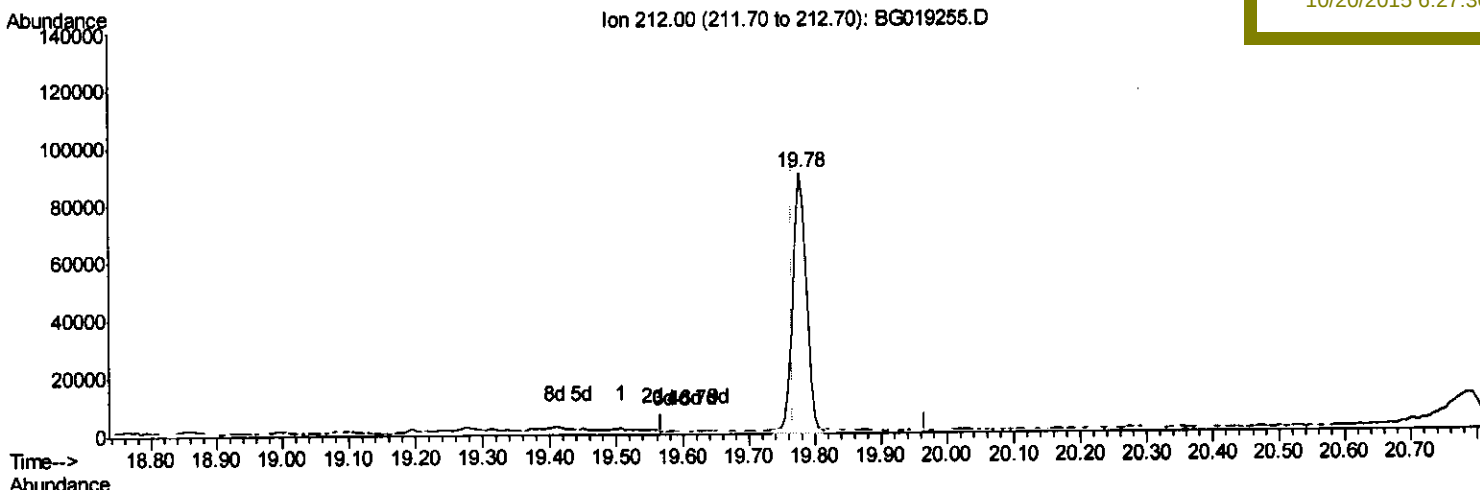
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(79) Pyrene-d10 (S)

19.777min (+0.010) 19.43ng/ul m

response 130582

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	10.01#
104.00	9.60	7.52#
0.00	0.00	0.00

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 11/3/15

Quantitation Report (Qedit)

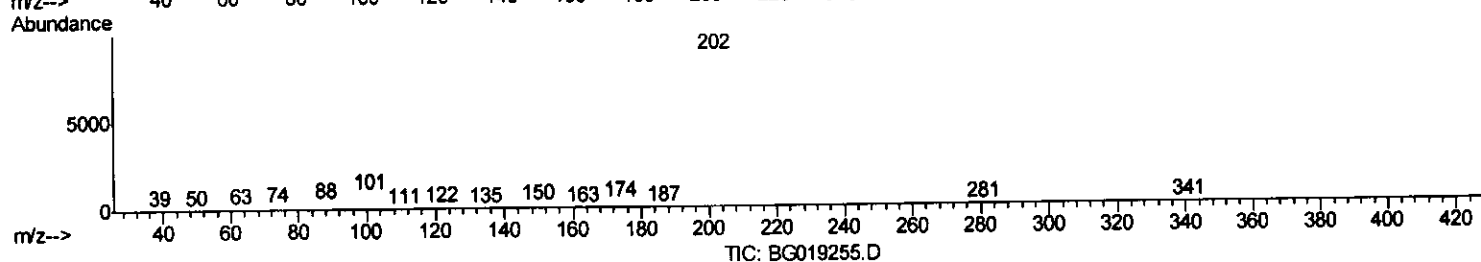
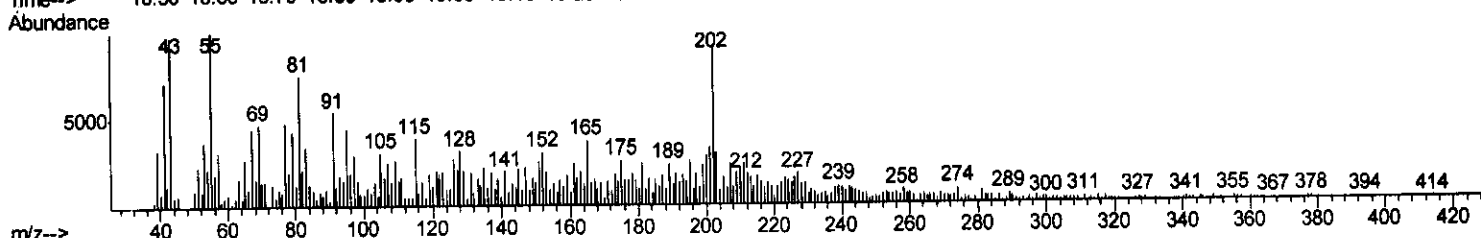
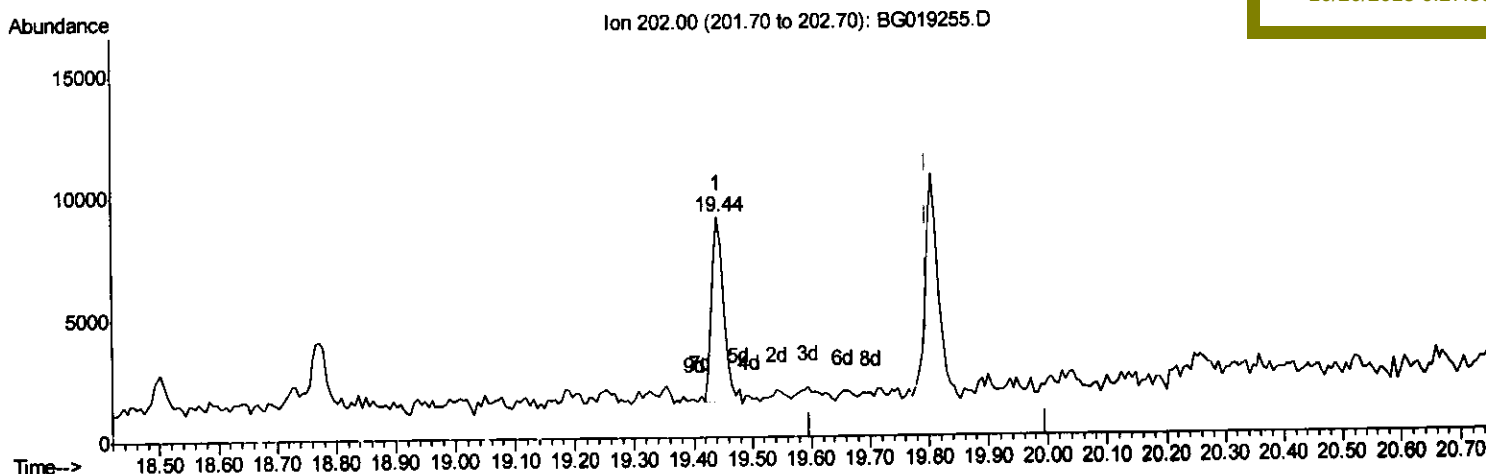
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(80) Pyrene

19.442min (-0.354) 235.47ng/ul

response 10412

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	12.47
100.00	10.60	9.30
0.00	0.00	0.00

Quantitation Report (Qedit)

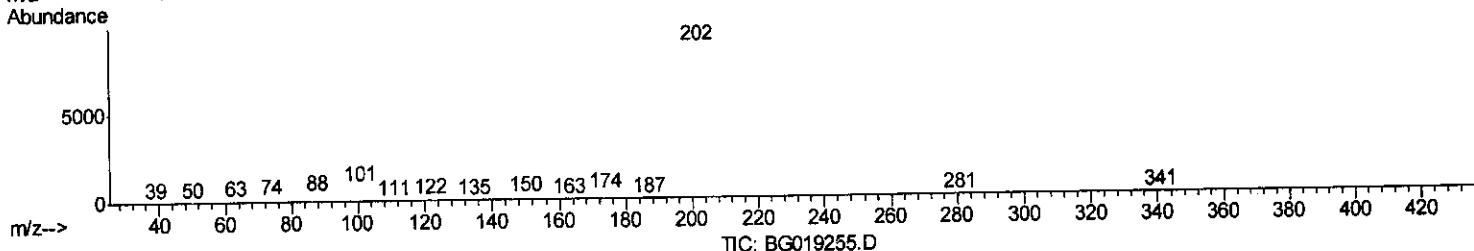
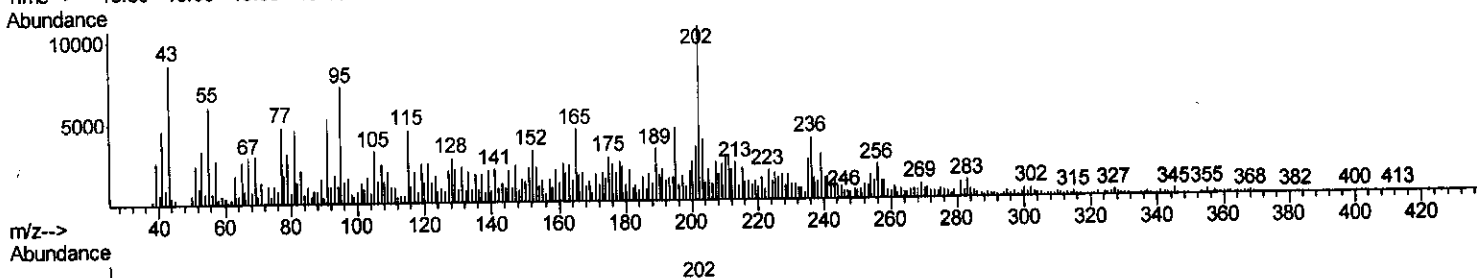
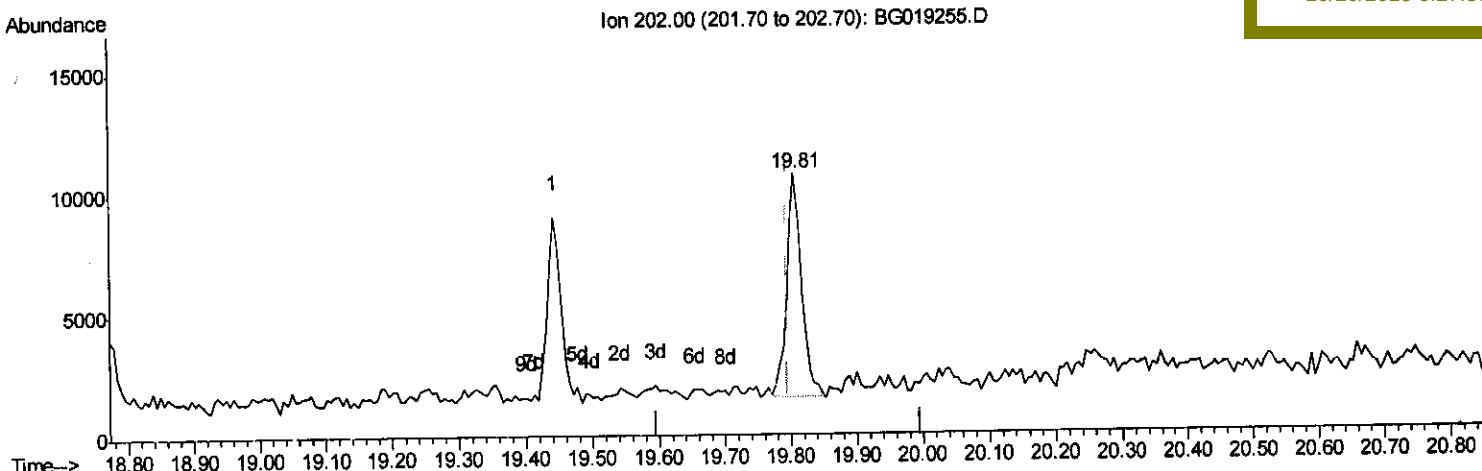
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

19.806min (+0.010) 1.60ng/ul m

response 14074

Ion Exp% Act%

202.00 100 100

101.00 12.70 12.93

100.00 10.60 8.28#

0.00 0.00 0.00

U.M
 11/3/15

Quantitation Report (Qedit)

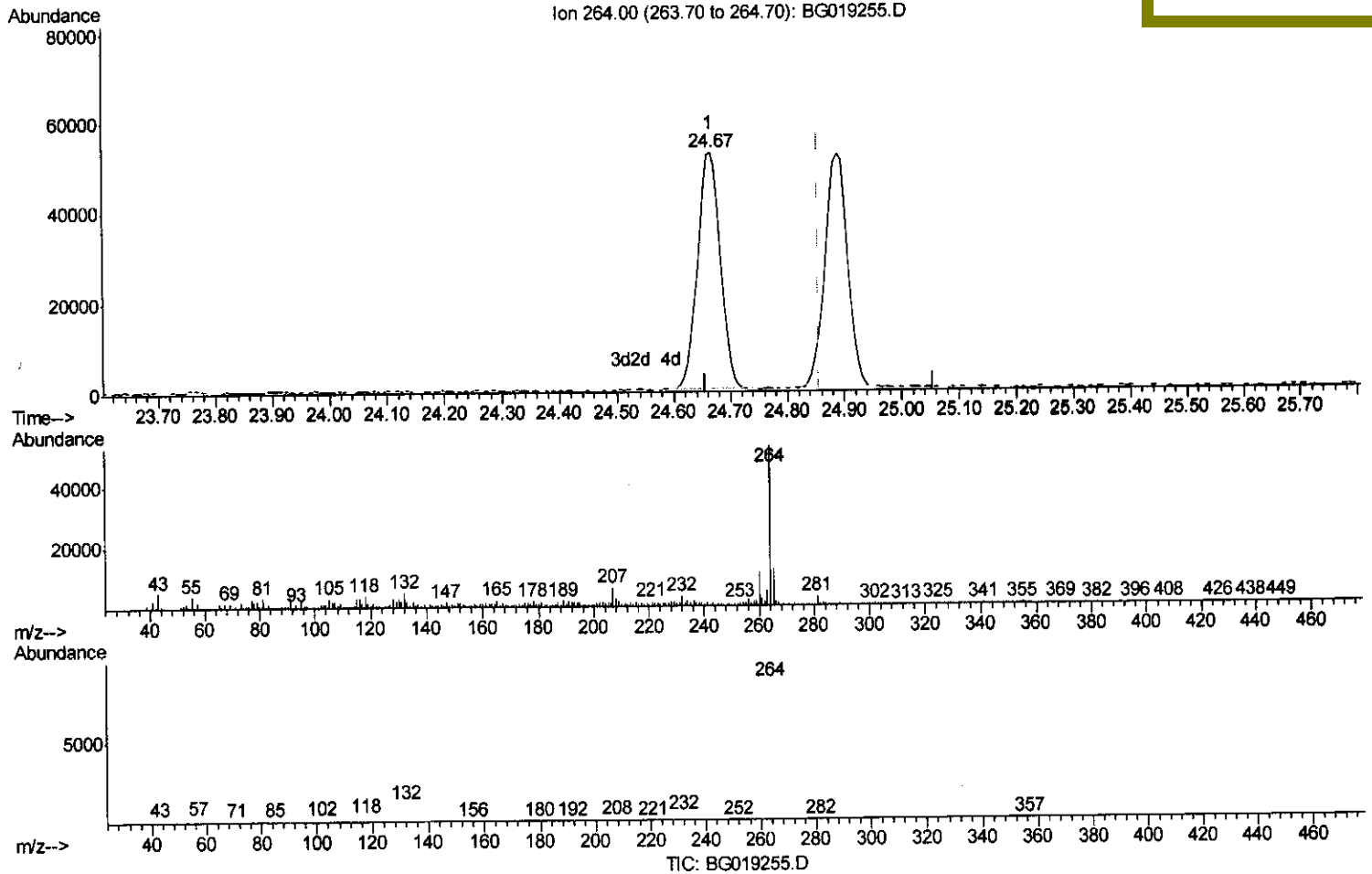
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(86) Perylene-d12 (I)

24.665min (-0.190) 20.00ng/ul

response 144777

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	21.35
265.00	21.10	23.20
0.00	0.00	0.00

Quantitation Report (Qedit)

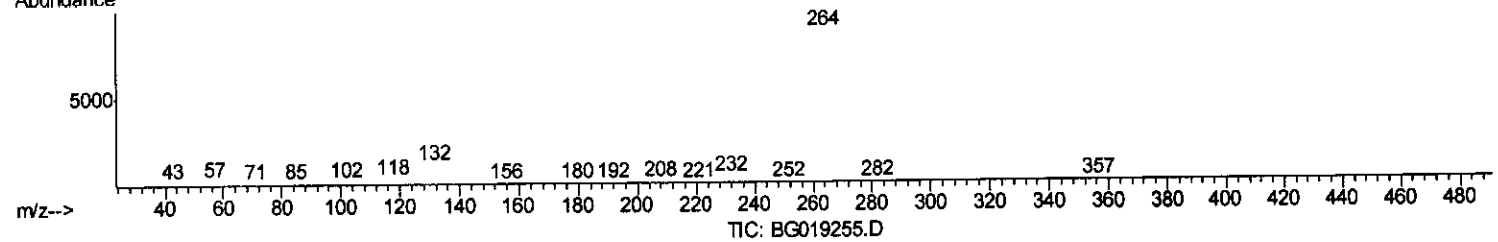
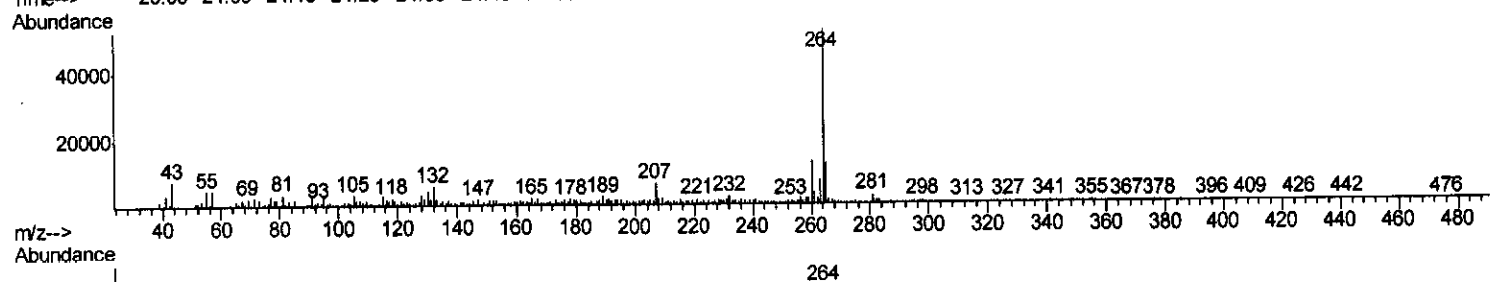
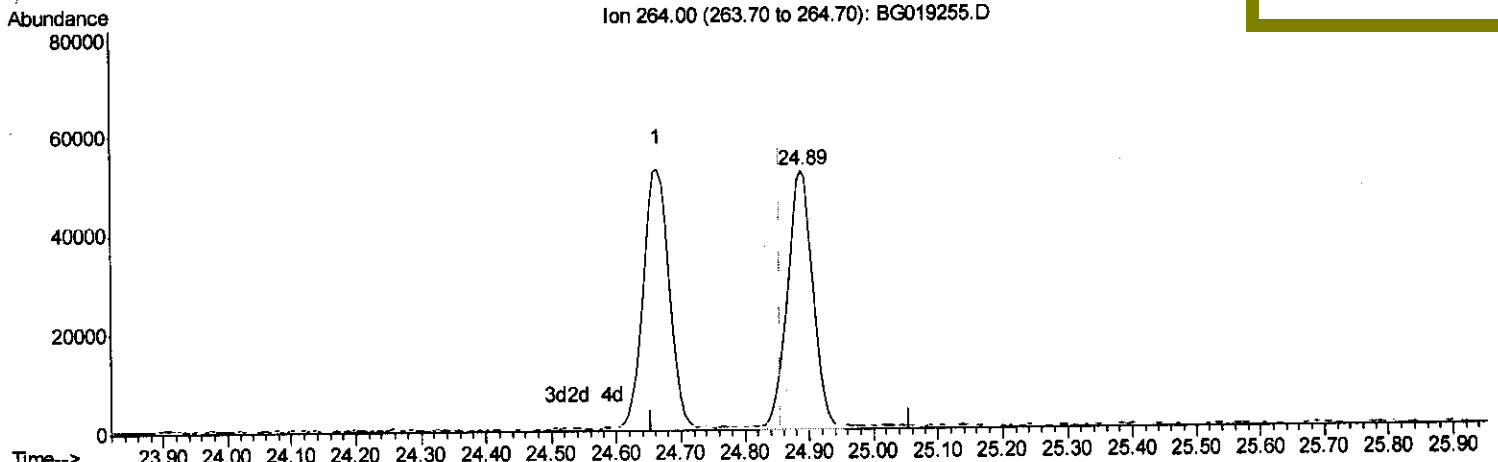
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(86) Perylene-d12 (I)

24.889min (+0.033) 20.00ng/ul m

response 145214

U.M
 11/3/15

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	24.60
265.00	21.10	23.27
0.00	0.00	0.00

Quantitation Report (Qedit)

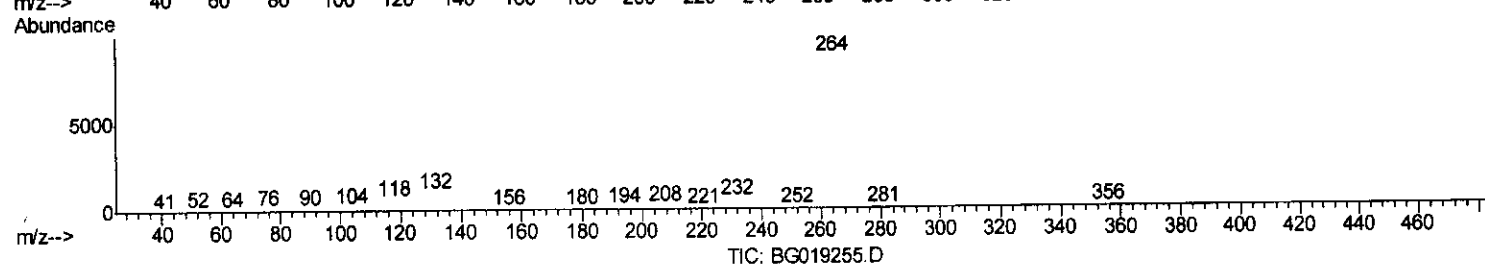
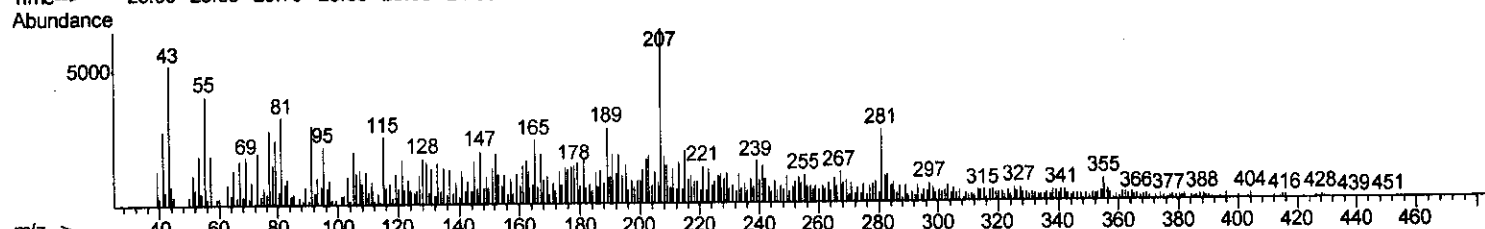
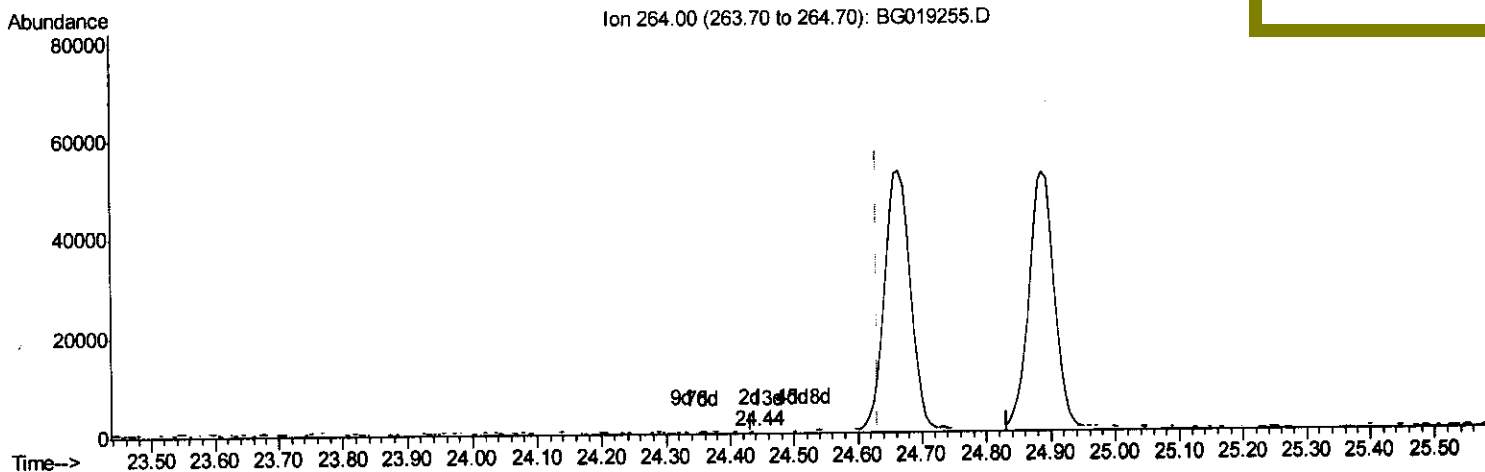
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 19:22:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

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

24.442min (-0.190) 0.01ng/ul

response 65

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	83.25#
118.00	9.00	61.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

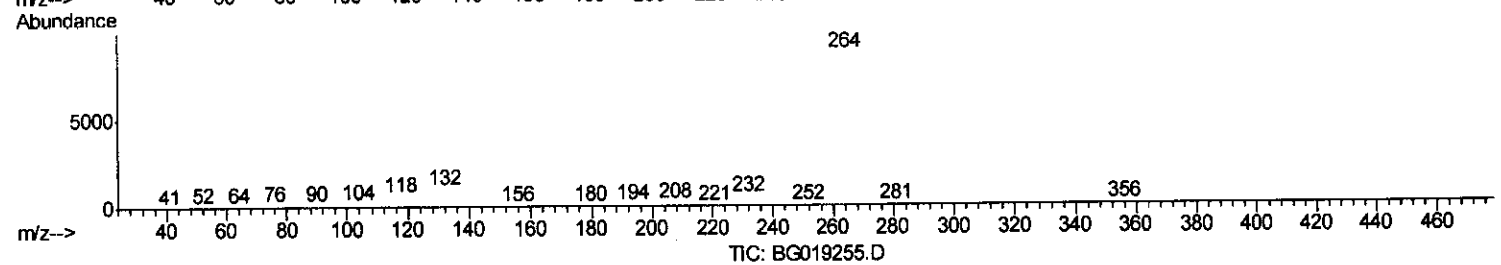
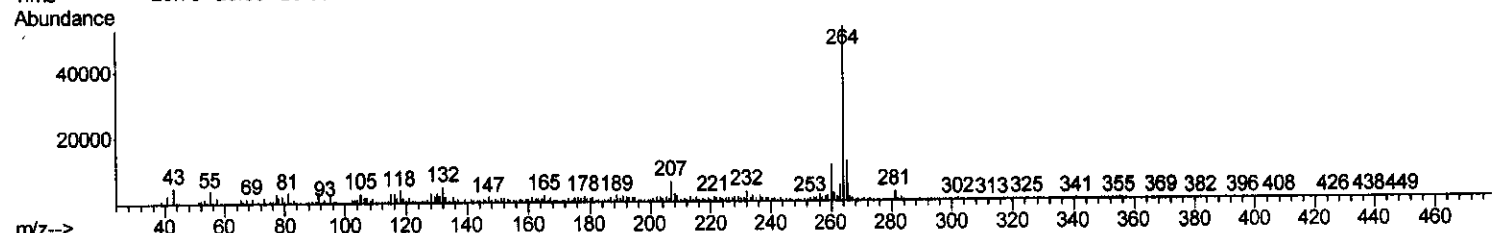
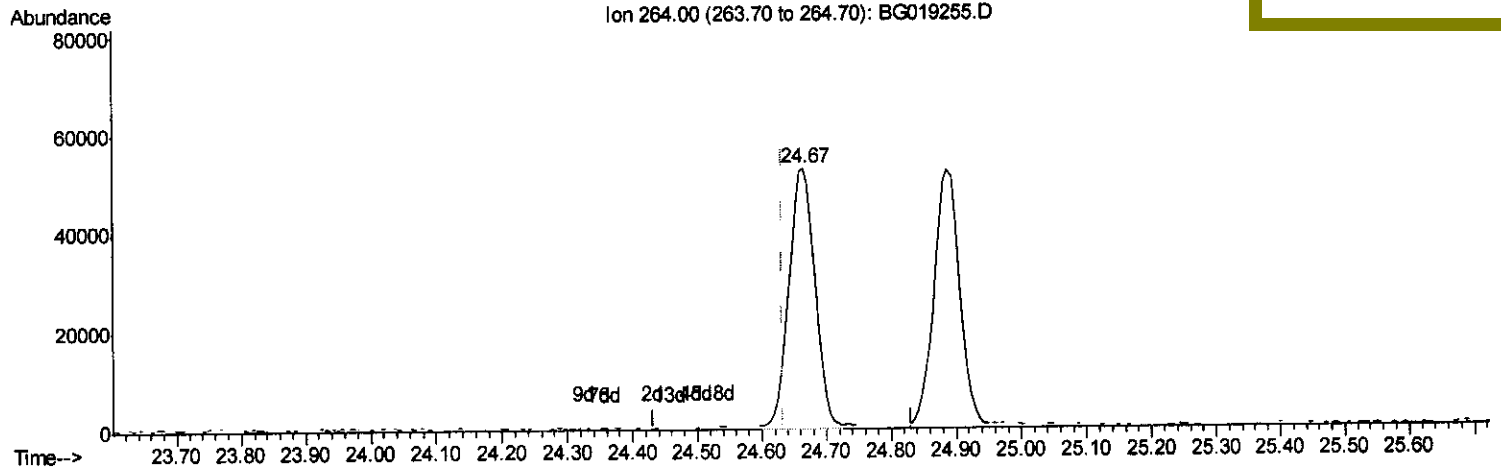
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

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

24.665min (+0.033) 20.36ng/ul m

response 149389

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	9.37#
118.00	9.00	7.50
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019255.D
 Acq On : 20 Oct 2015 00:51
 Operator : UM/NP
 Sample : G3996-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK5

Quant Time: Oct 20 07:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	18854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	82518m	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.65	164	56525m	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.39	188	116981m	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	148209m	20.00	ng/ul	0.02
86) Perylene-d12	24.89	264	145214m	20.00	ng/ul	0.03

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	5960	17.61	ng/uL	0.00
5) Phenol-d5	7.20	99	33446	20.33	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.34	67	21301	20.12	ng/ul	0.02
9) 2-Chlorophenol-d4	7.56	132	25764	21.48	ng/ul	0.02
13) 4-Methylphenol-d8	8.75	113	29417	21.10	ng/ul	0.03
19) Nitrobenzene-d5	9.19	128	17204m	27.06	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	16424	24.34	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.46	165	29671m	22.20	ng/ul	0.03
29) 4-Chloroaniline-d4	10.98	131	97909m	56.89	ng/ul	0.04
44) Dimethylphthalate-d6	14.07	166	96175m	19.45	ng/ul	0.03
47) Acenaphthylene-d8	14.34	160	112153m	20.99	ng/ul	0.02
52) 4-Nitrophenol-d4	14.91	143	19447m	21.88	ng/ul	0.06
58) Fluorene-d10	15.64	176	95446m	22.59	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.77	200	15049m	20.85	ng/ul	0.02
71) Anthracene-d10	17.49	188	118149m	21.38	ng/ul	0.00
79) Pyrene-d10	19.78	212	130582m	19.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	149389m	20.36	ng/ul	0.03

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Target Compounds

					Ovalue
6) Phenol	7.24	94	283158	165.25	ng/ul# 75
11) 2-Methylphenol	8.50	108	535842	398.41	ng/ul 97
16) 4-Methylphenol	8.86	108	1399368	927.40	ng/ul 95
24) 2,4-Dimethylphenol	10.06	107	929009m	534.85	ng/ul
28) Naphthalene	10.88	128	199454m	46.24	ng/ul
34) 2-Methylnaphthalene	12.48	142	175306m	51.27	ng/ul
35) 1-Methylnaphthalene	12.70	142	110324m	32.95	ng/ul
41) 1,1'-Biphenyl	13.48	154	28179m	6.39	ng/ul
45) Dimethylphthalate	14.11	163	30628m	6.15	ng/ul
54) Dibenzofuran	15.05	168	34324m	6.15	ng/ul
59) Fluorene	15.69	166	38966m	8.16	ng/ul
70) Phenanthrene	17.43	178	36559m	5.60	ng/ul
72) Anthracene	17.53	178	7949m	1.20	ng/ul
77) Fluoranthene	19.44	202	11054m	1.35	ng/ul
80) Pyrene	19.81	202	14074m	1.60	ng/ul

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