

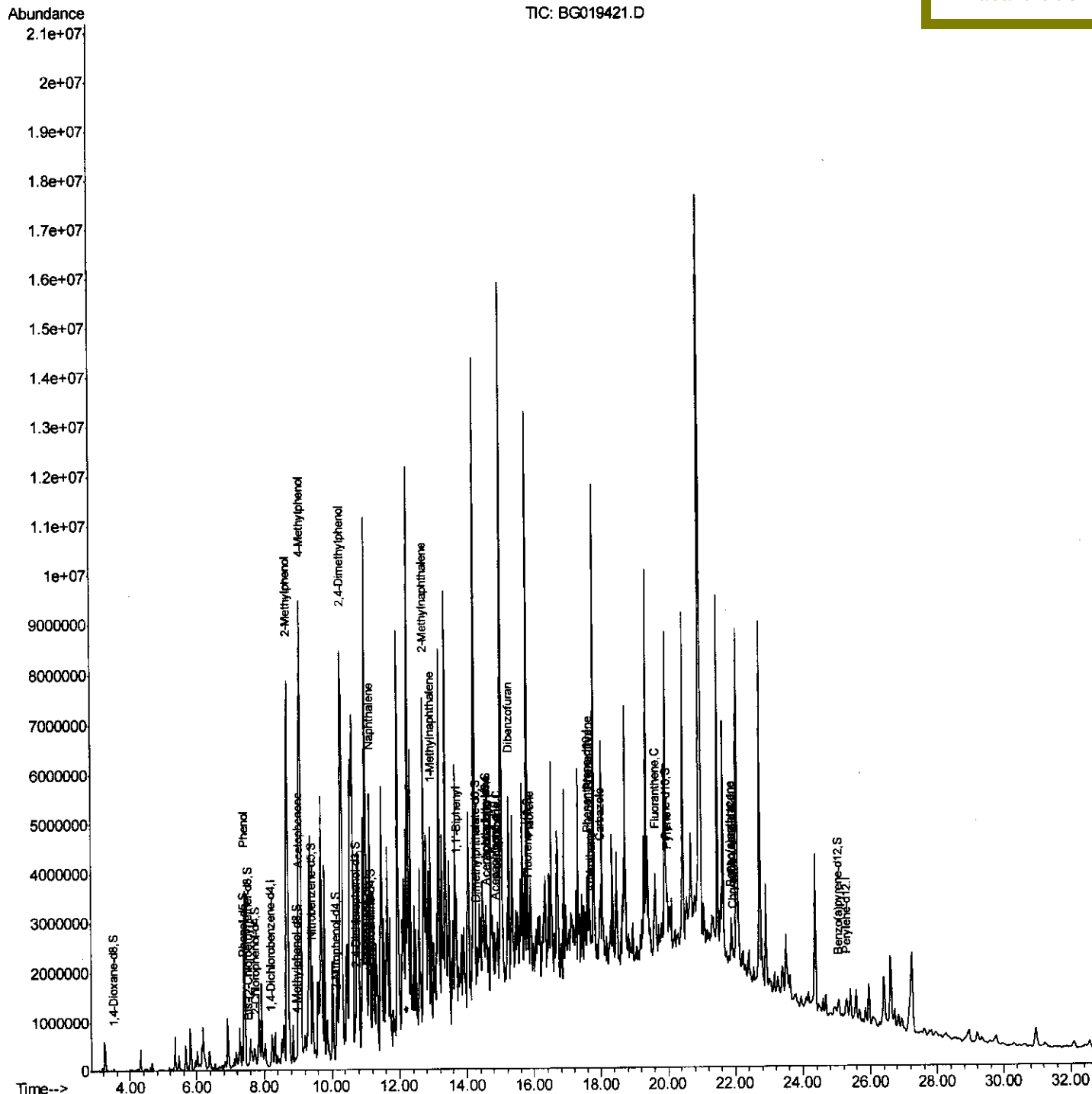
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Quant Time: Oct 30 12:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

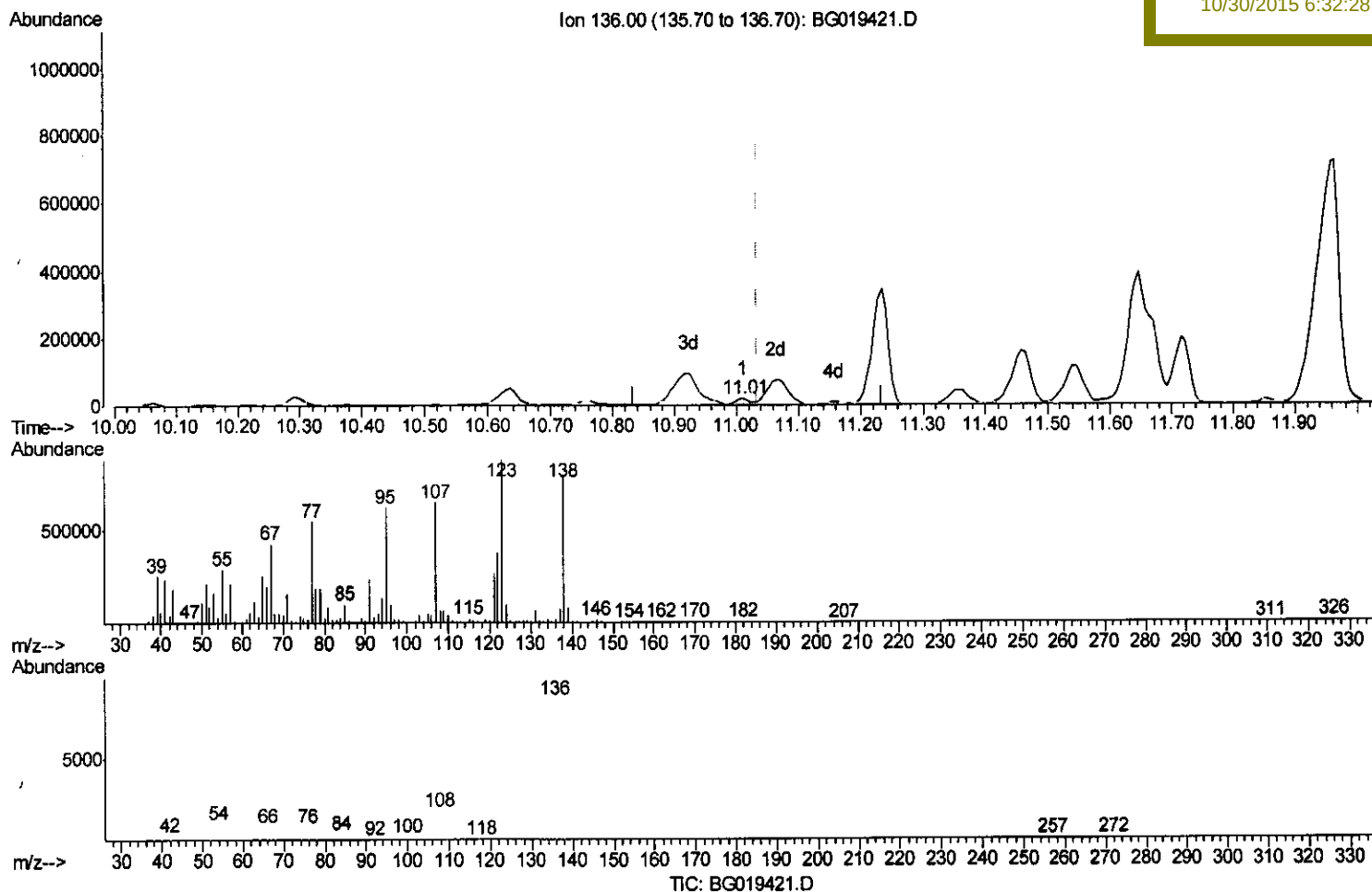
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
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(18) Naphthalene-d8 (I)

11.011min (-0.023) 20.00ng/ul

response 25000

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	234.75#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

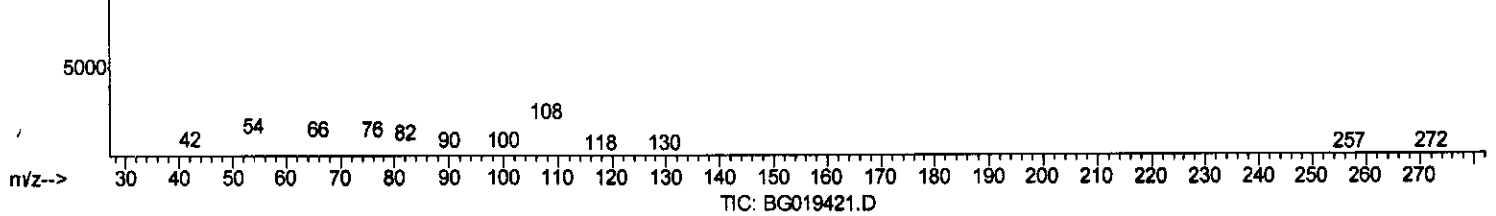
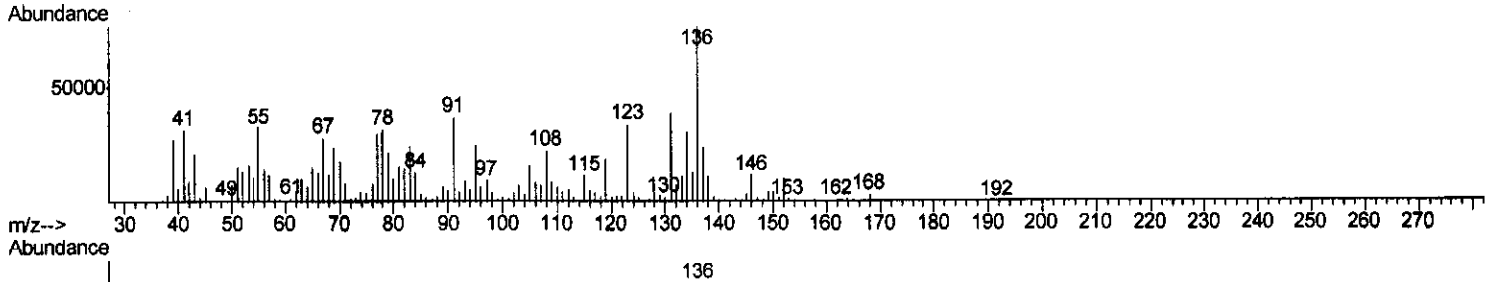
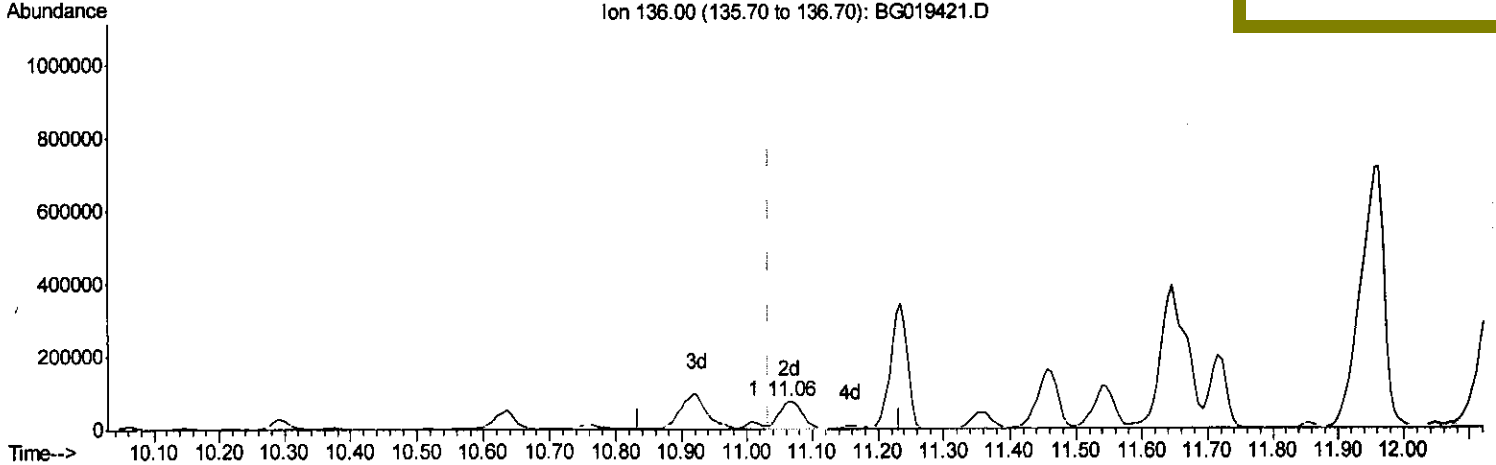
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(18) Naphthalene-d8 (I)

11.064min (+0.030) 20.00ng/ul m

response 189323

Ion	Exp%	Act%
136.00	100	100
68.00	5.00	15.59#
0.00	0.00	0.00
0.00	0.00	0.00

UM
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Quantitation Report (Qedit)

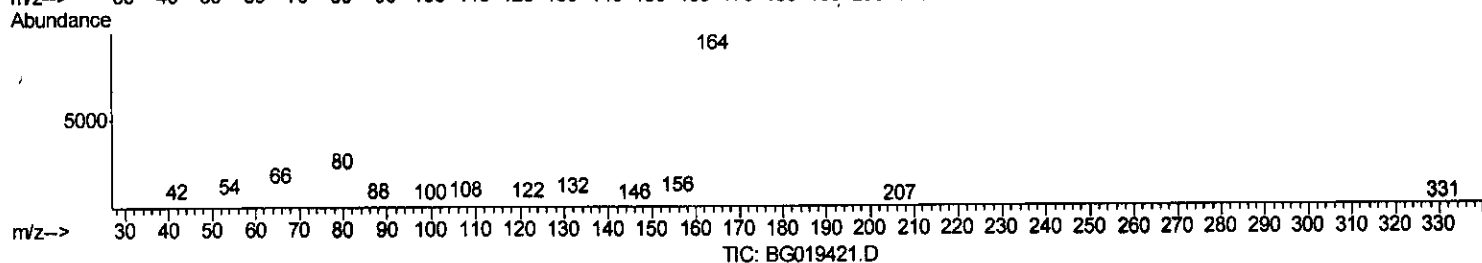
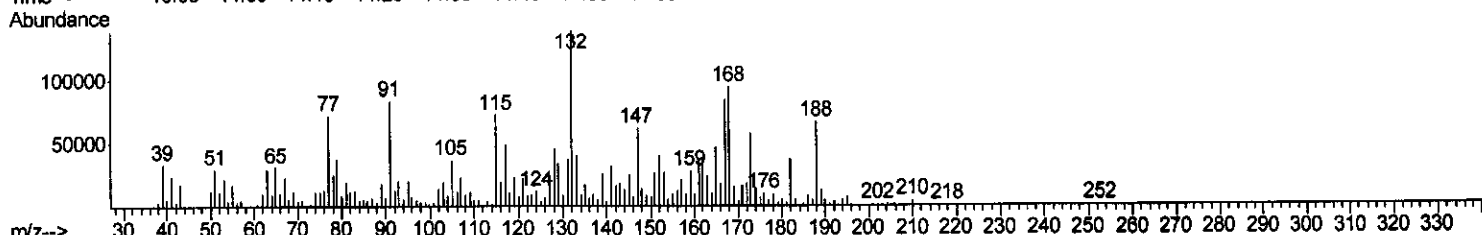
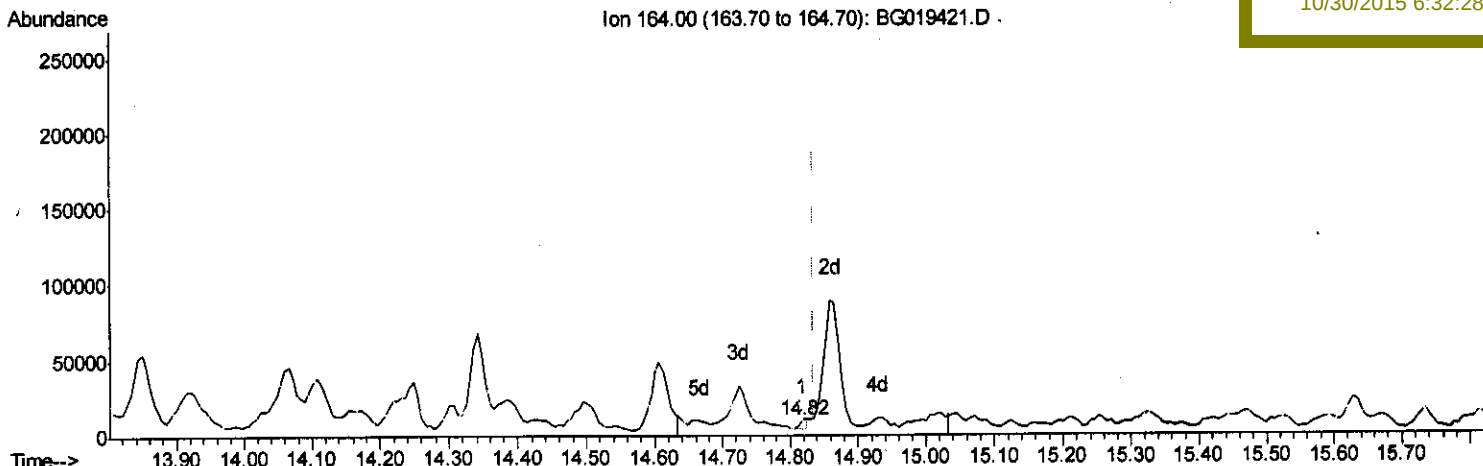
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(36) Acenaphthene-d10 (I)

14.818min (-0.017) 20.00ng/ul

response 5092

Ion	Exp%	Act%
164.00	100	100
162.00	96.80	333.31#
160.00	41.90	85.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

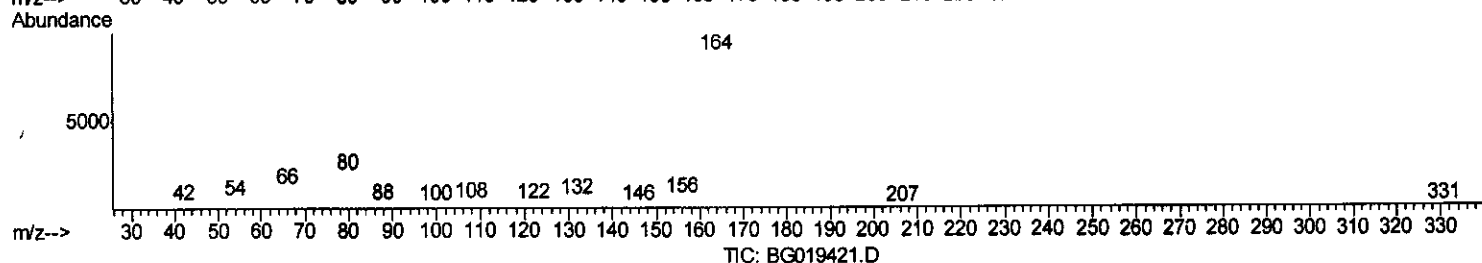
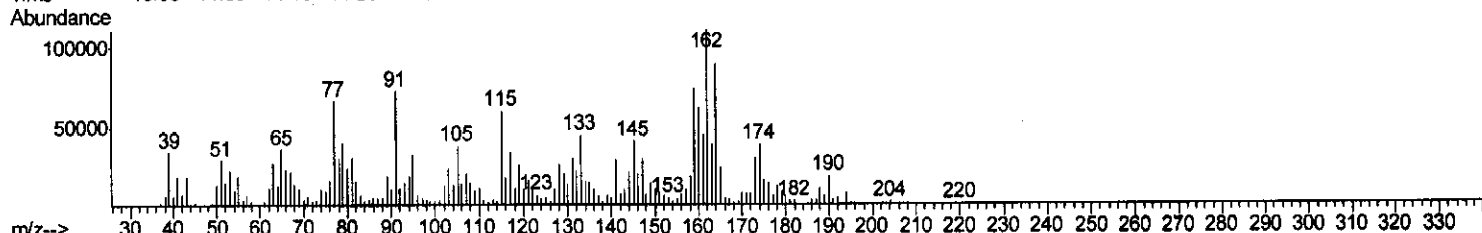
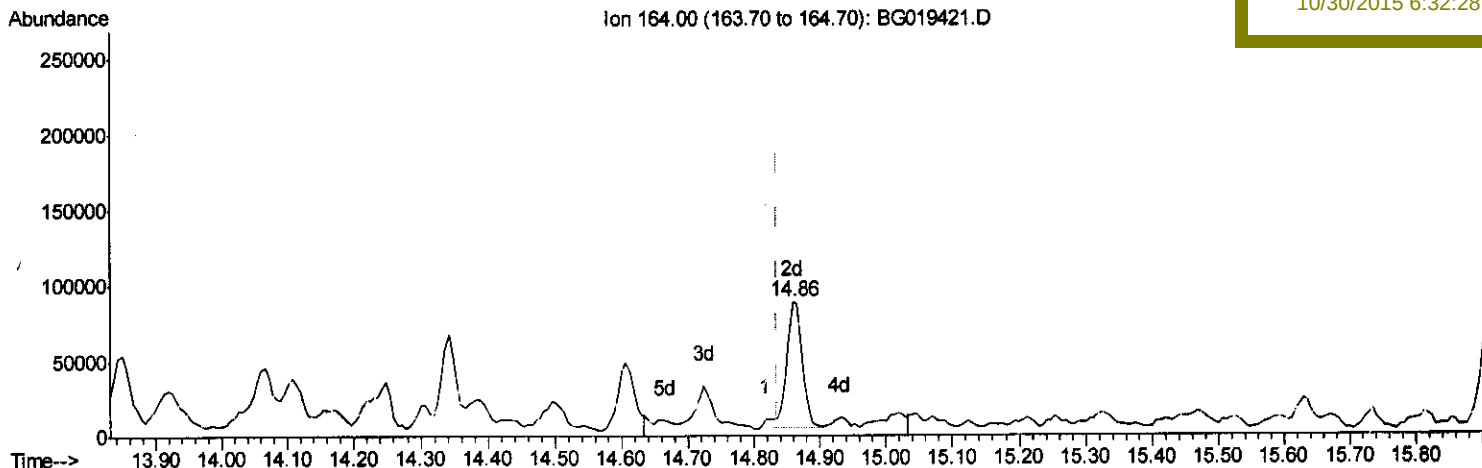
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Manual Integrations
 APPROVED

Mmdadoda
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Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration



(36) Acenaphthene-d10 (I)

14.859min (+0.024) 20.00ng/ul m U.M

response 134753

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Ion	Exp%	Act%
164.00	100	100
162.00	96.80	124.42#
160.00	41.90	69.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

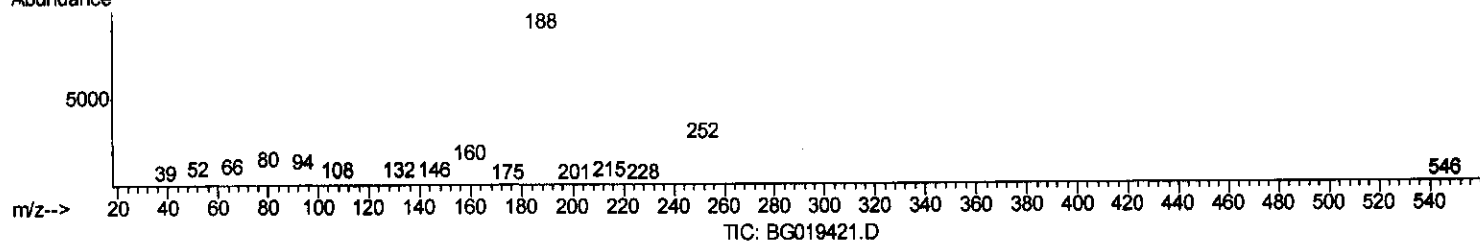
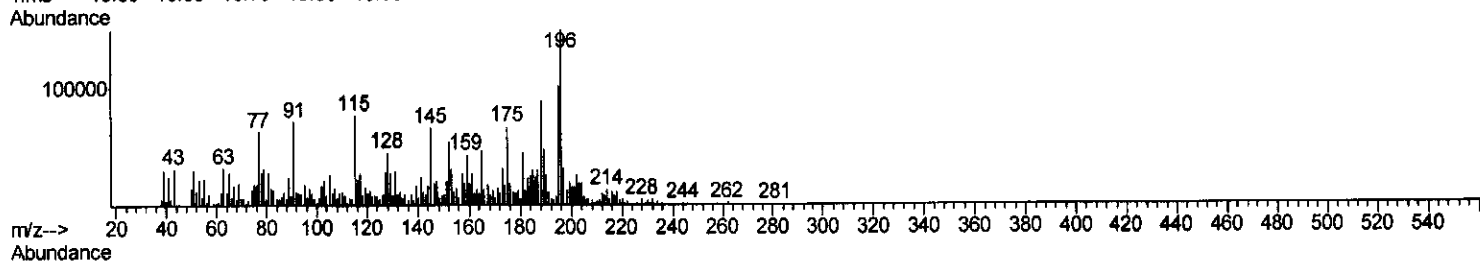
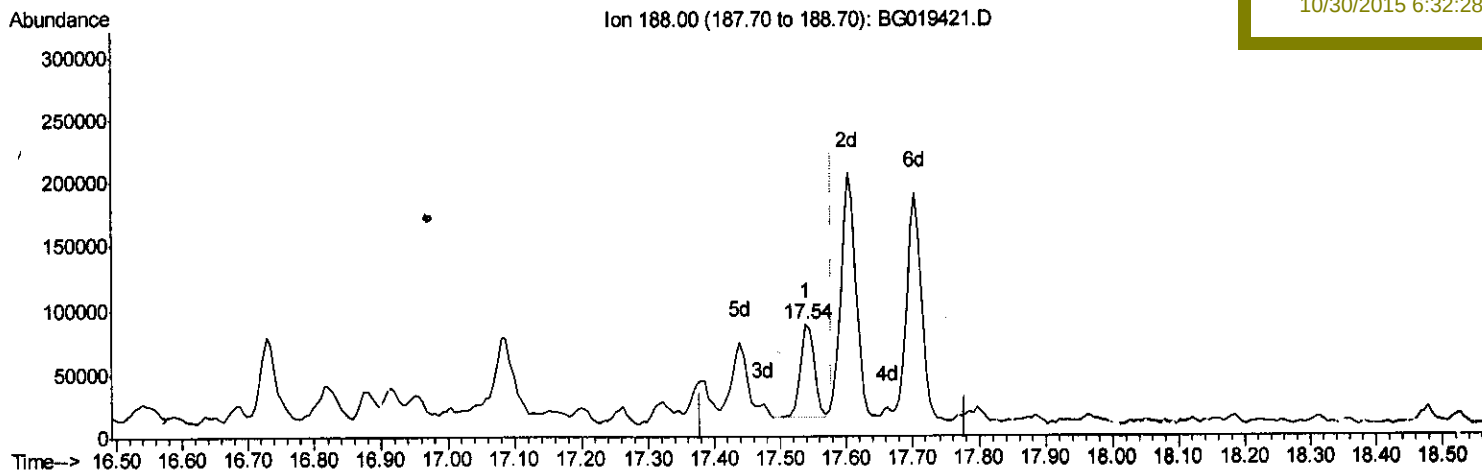
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

Mmdadoda
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(62) Phenanthrene-d10 (I)

17.538min (-0.041) 20.00ng/ul

response 110758

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	10.29#
80.00	7.20	6.52
0.00	0.00	0.00

Quantitation Report (Qedit)

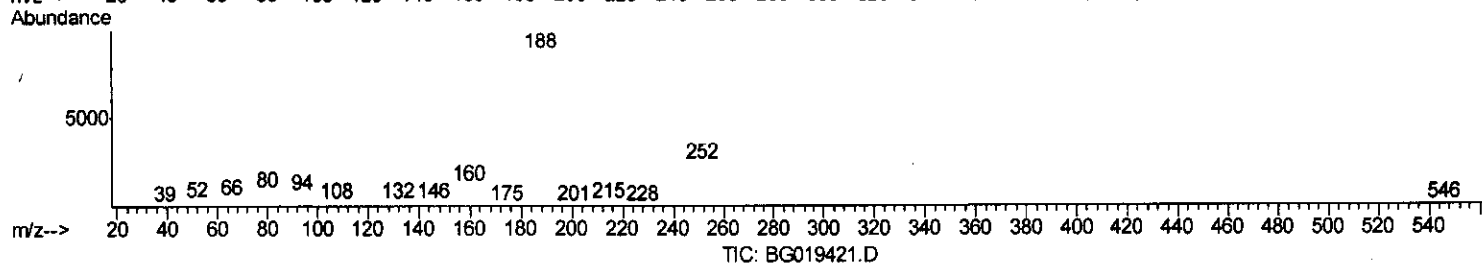
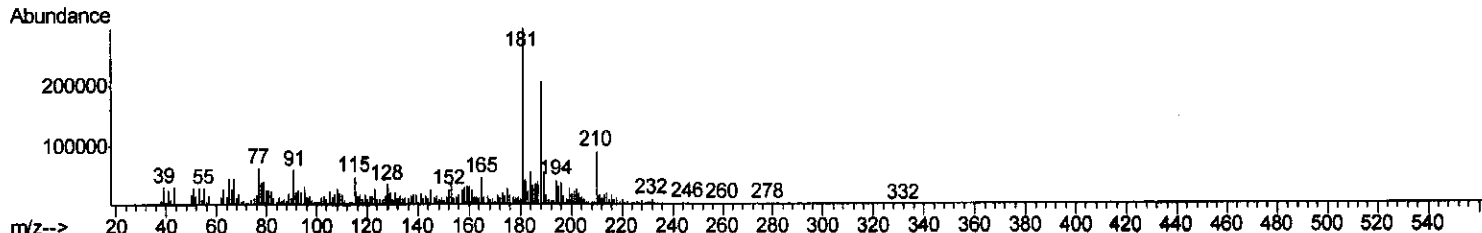
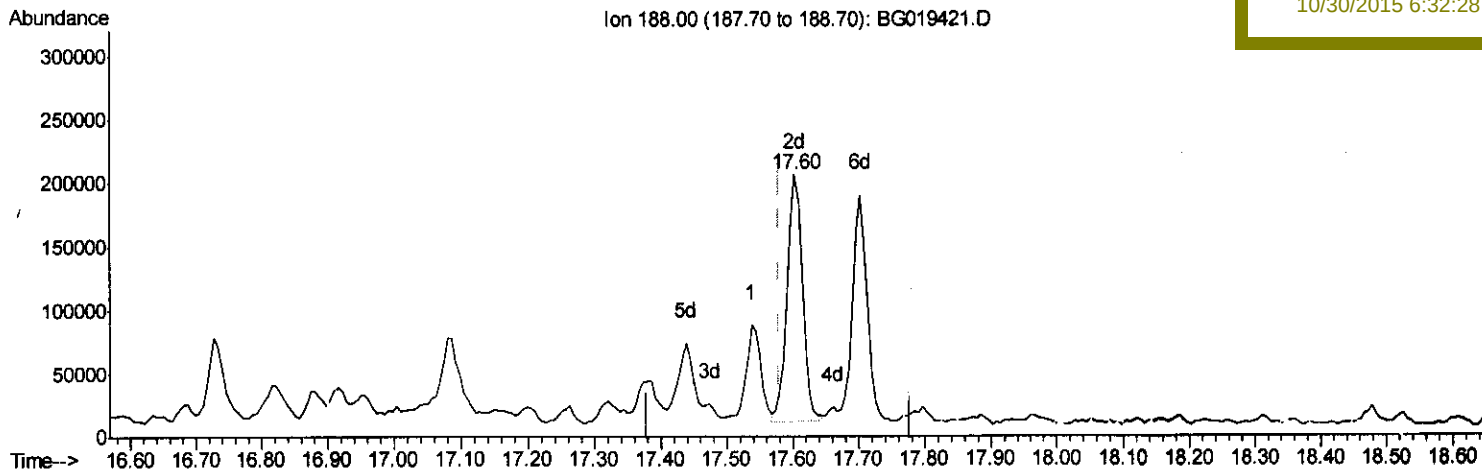
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(62) Phenanthrene-d10 (I)

17.603min (+0.024) 20.00ng/ul m

response 321972

Ion	Exp%	Act%
188.00	100	100
94.00	4.30	9.91#
80.00	7.20	12.26#
0.00	0.00	0.00

V.M
 10/31/15

Quantitation Report (Qedit)

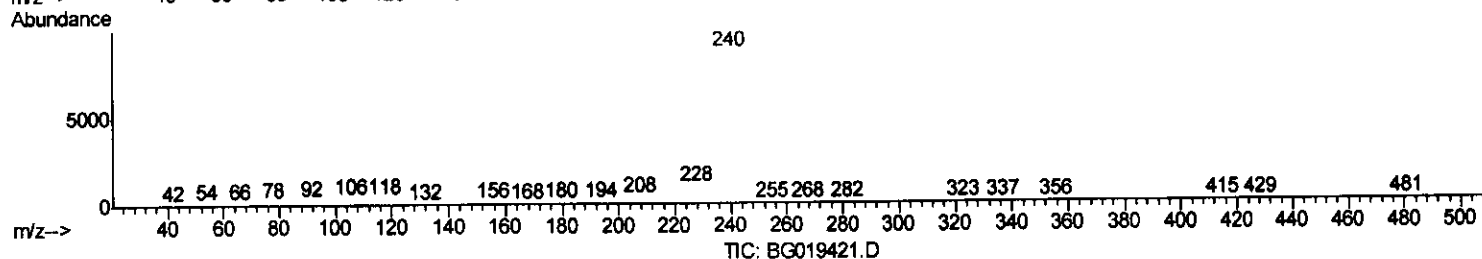
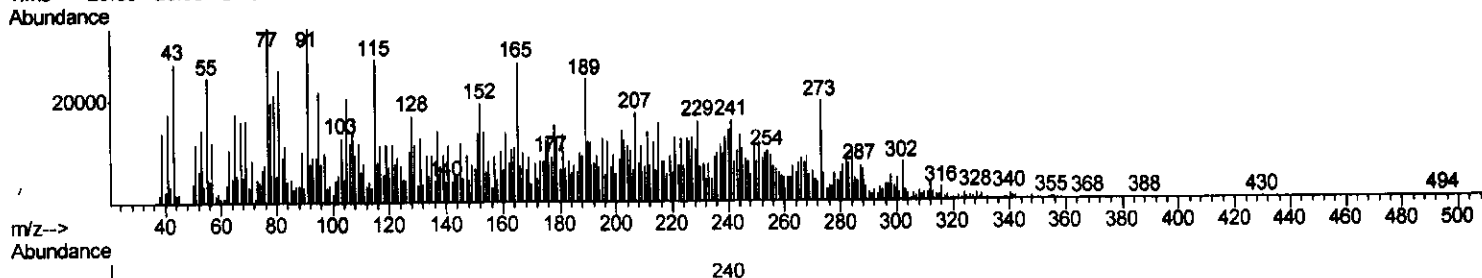
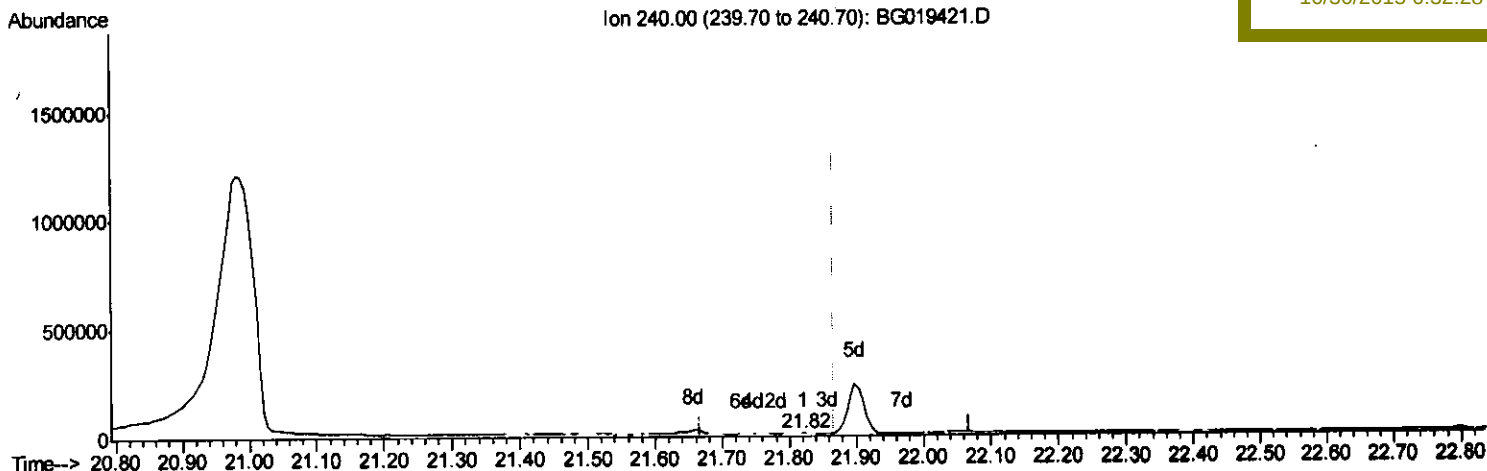
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(78) Chrysene-d12 (I)

21.822min (-0.046) 20.00ng/ul

response 6870

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	49.23#
236.00	26.20	67.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

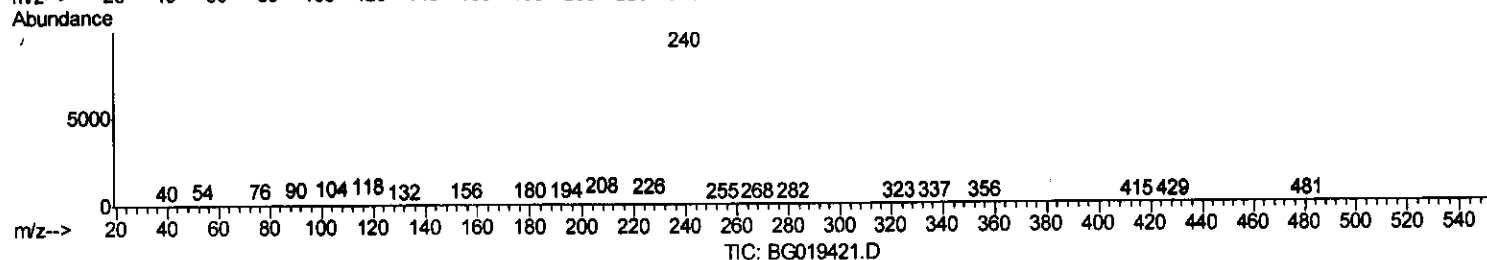
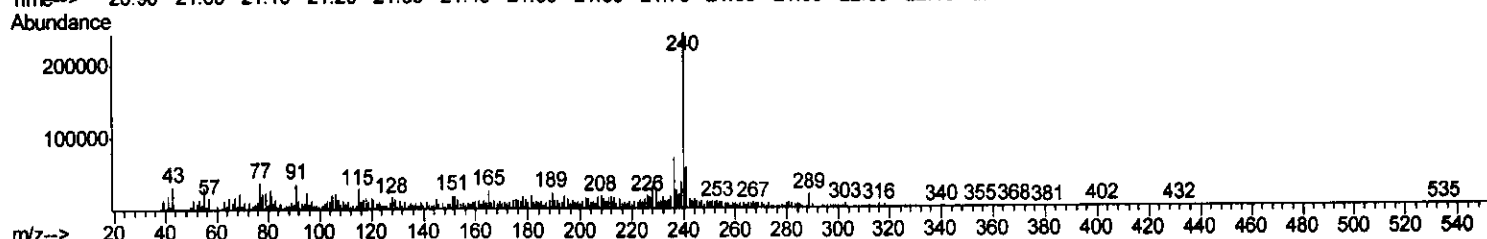
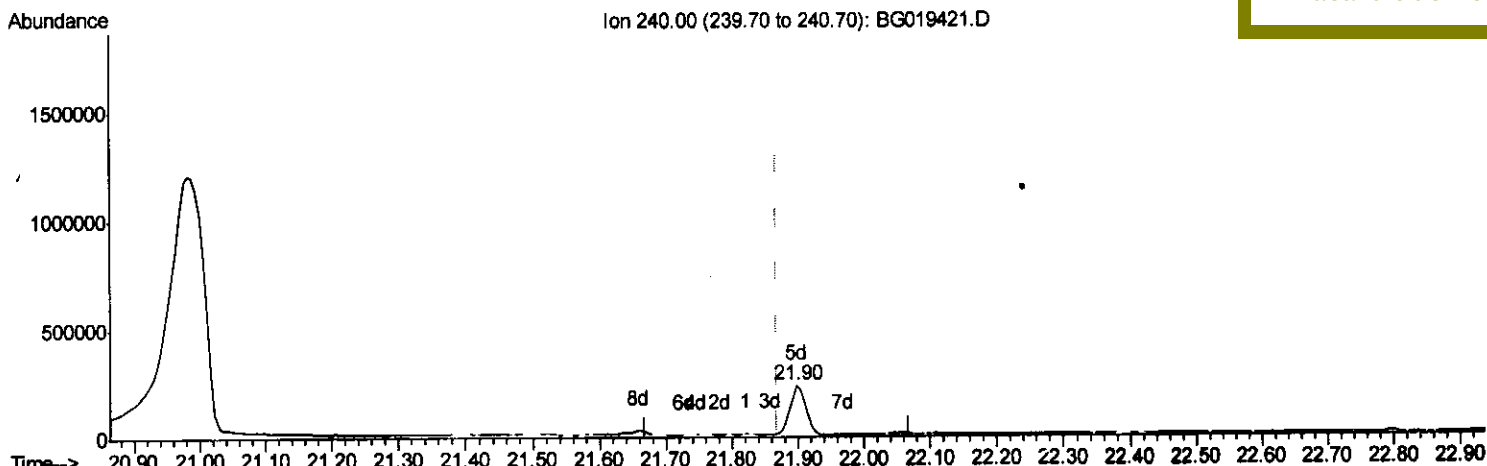
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(78) Chrysene-d12 (I)

21.898min (+0.030) 20.00ng/ul m

response 397942

Ion	Exp%	Act%
240.00	100	100
120.00	3.60	6.50#
236.00	26.20	28.58
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

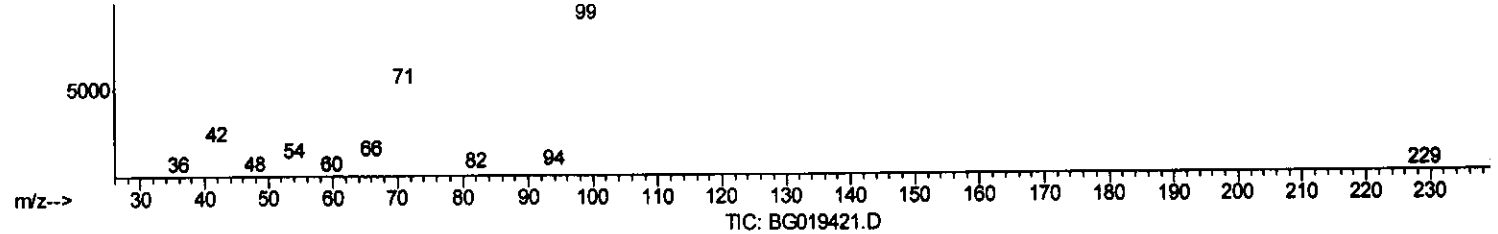
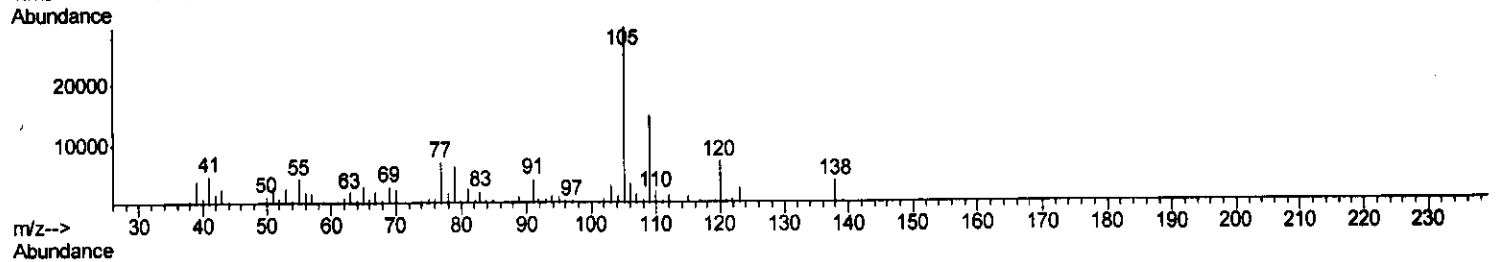
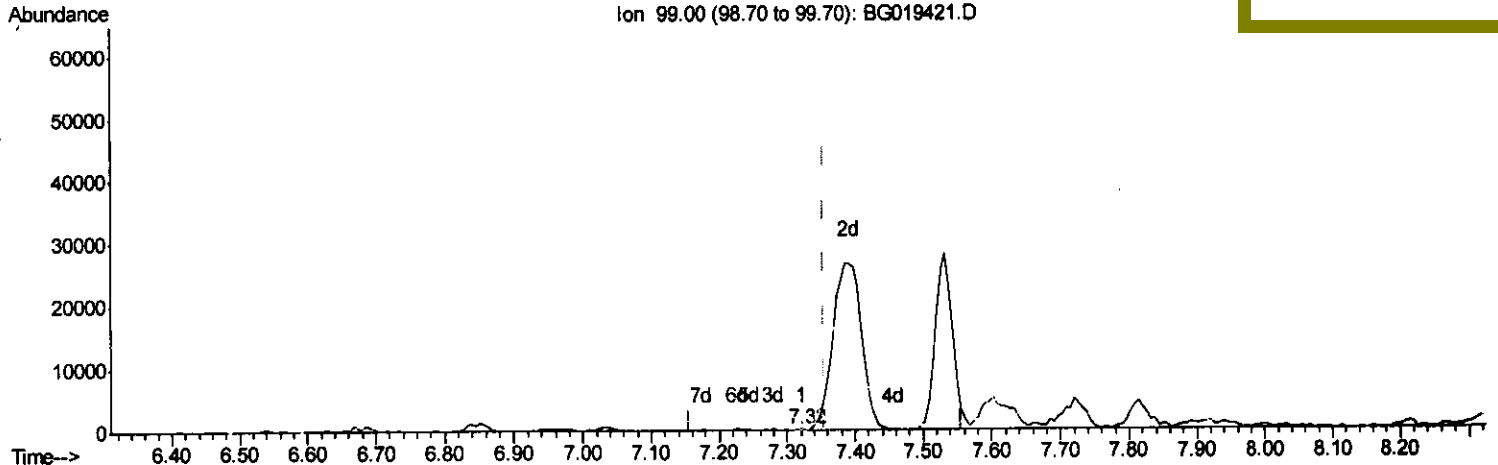
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(5) Phenol-d5 (S)
 7.321min (-0.035) 0.04ng/ul
 response 180

Ion	Exp%	Act%
99.00	100	100
71.00	53.20	57.44
42.00	17.80	475.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

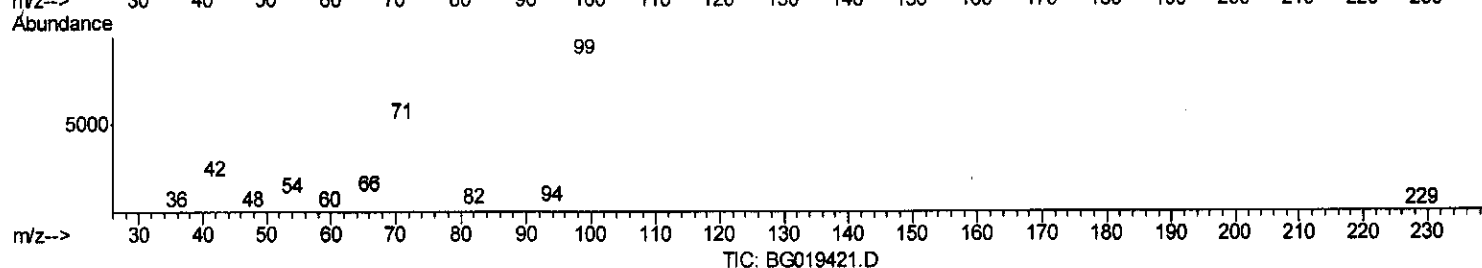
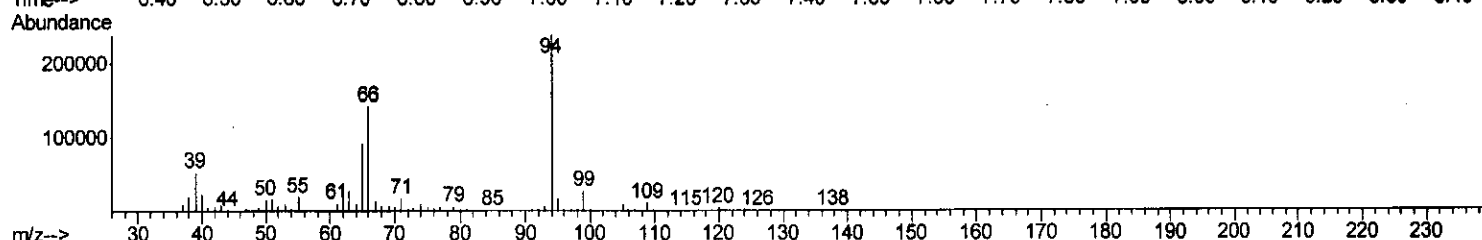
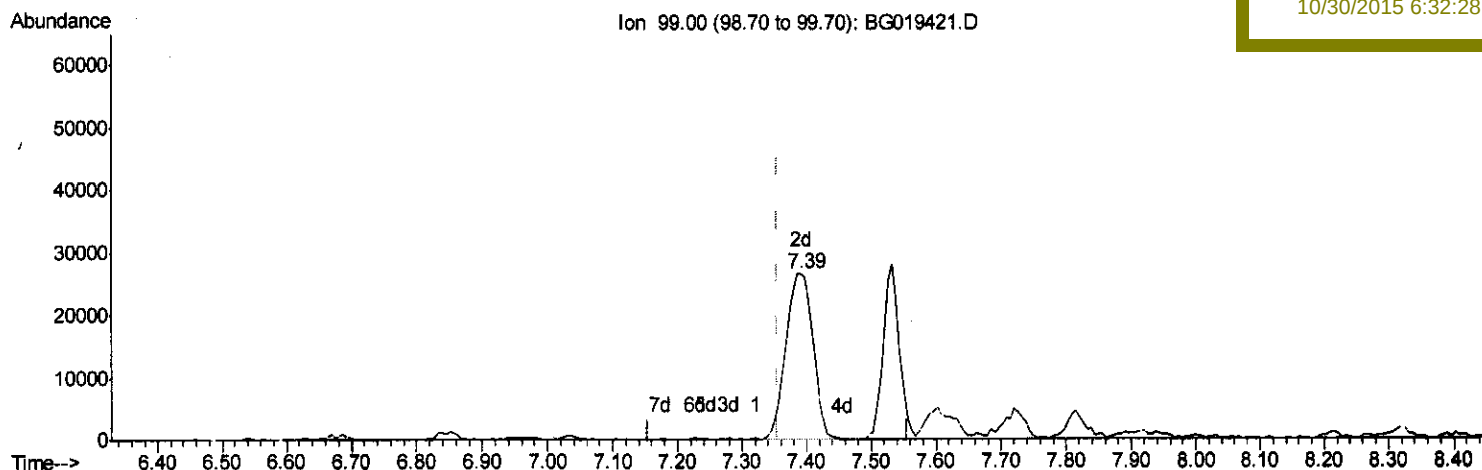
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(5) Phenol-d5 (S)

7.391min (+0.036) 18.26ng/ul m

response 78360

Ion	Exp%	Act%
99.00	100	100
71.00	53.20	64.81#
42.00	17.80	26.73#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

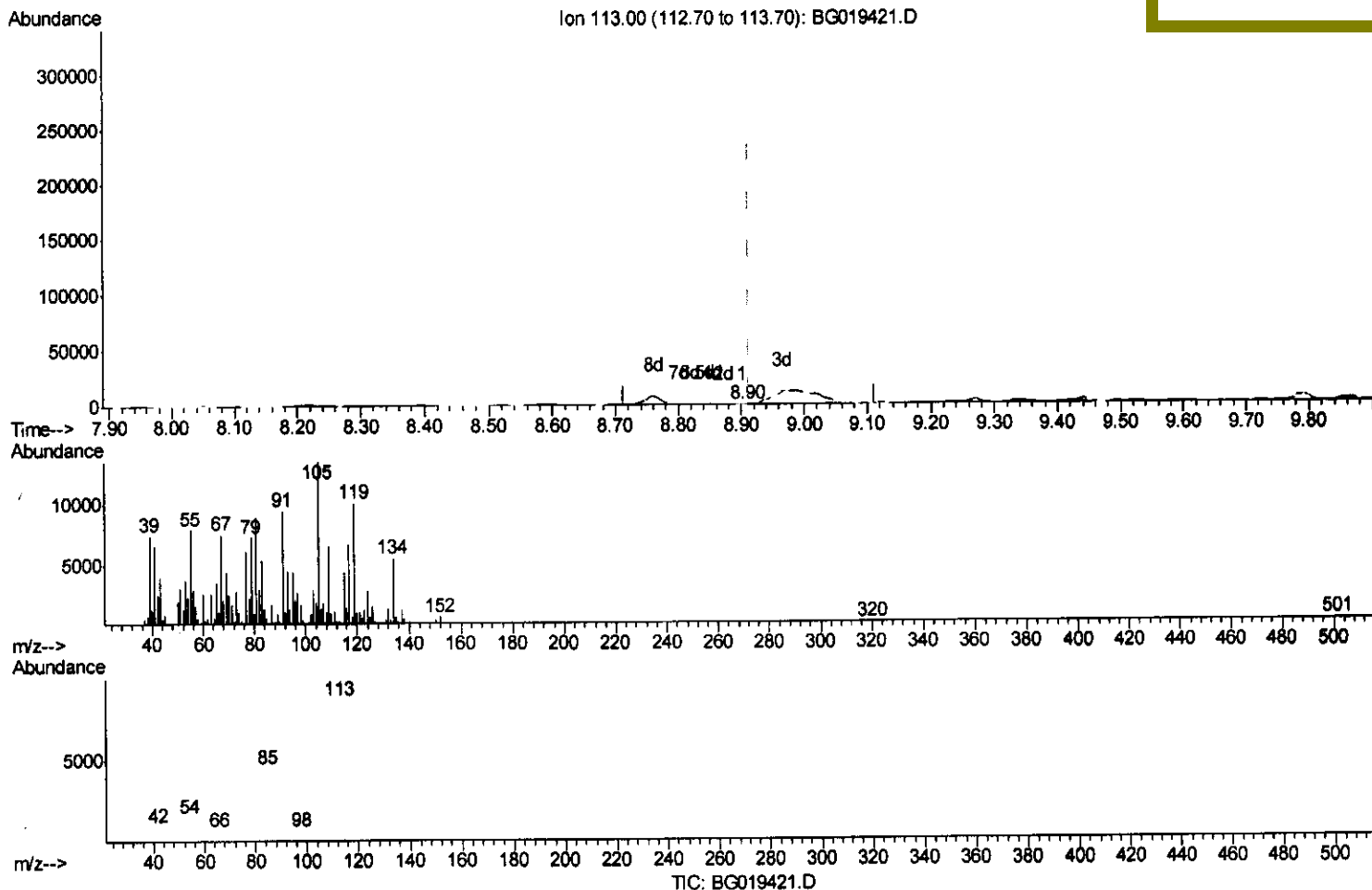
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.901min (-0.011) 0.08ng/ul

response 260

Ion	Exp%	Act%
113.00	100	100
115.00	76.20	1205.85#
54.00	16.60	662.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

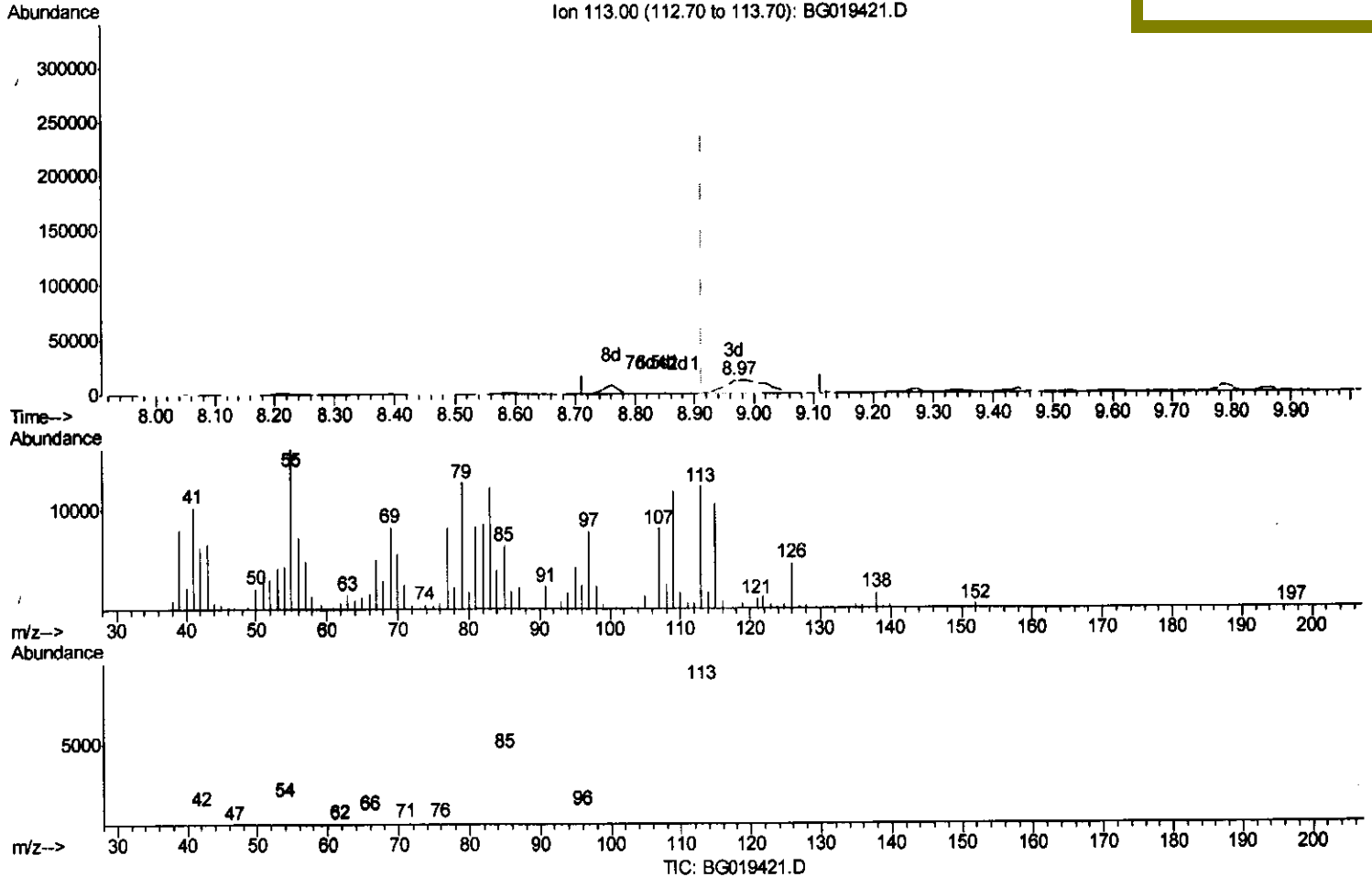
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(13) 4-Methylphenol-d8 (S)

8.966min (+0.053) 14.07ng/ul m

response 48104

Ion	Exp%	Act%
113.00	100	100
115.00	76.20	86.07
54.00	16.60	36.25#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

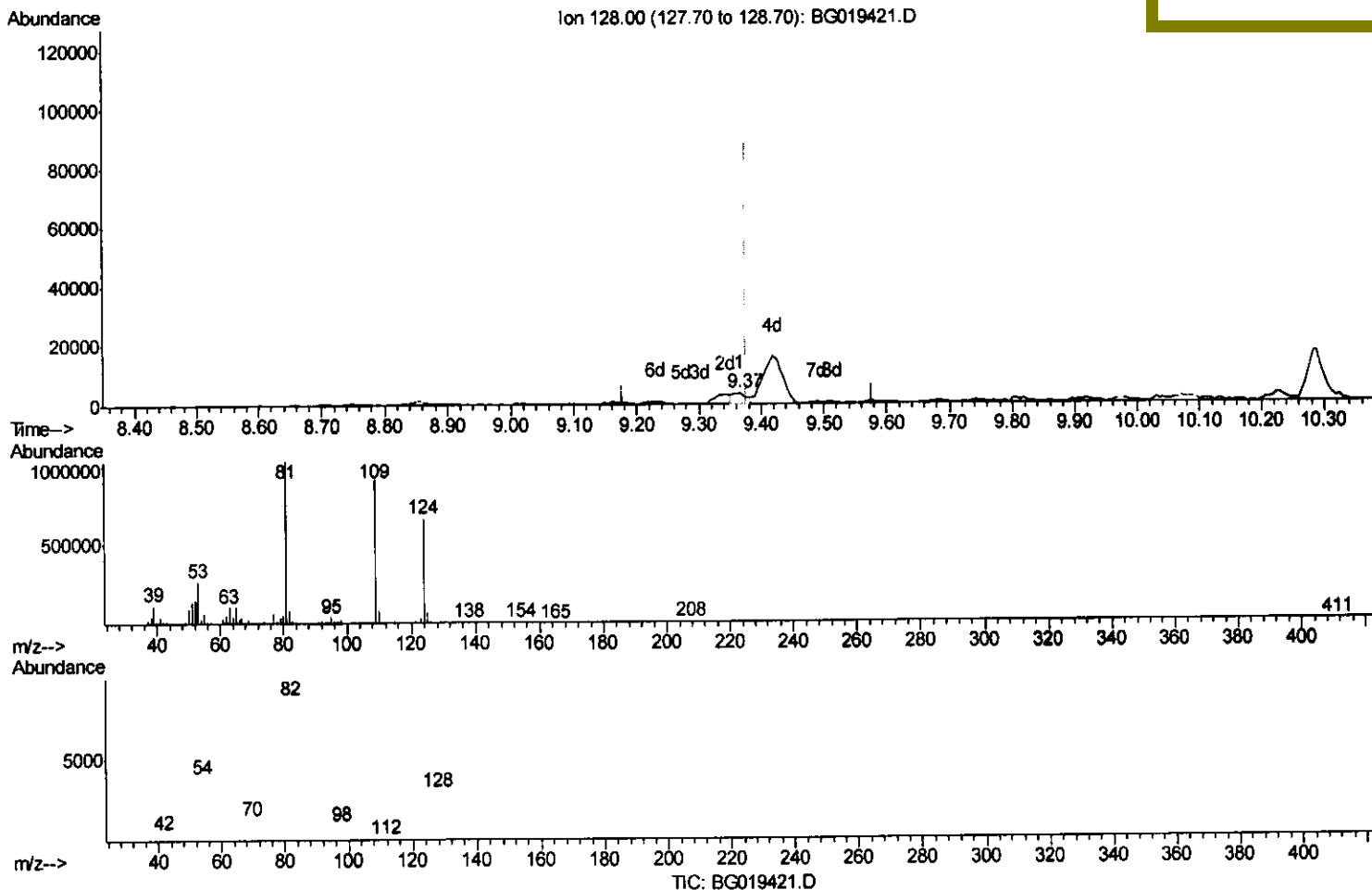
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(19) Nitrobenzene-d5 (S)

9.366min (-0.011) 32.78ng/ul

response 6022

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	2005.28#
54.00	138.70	837.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

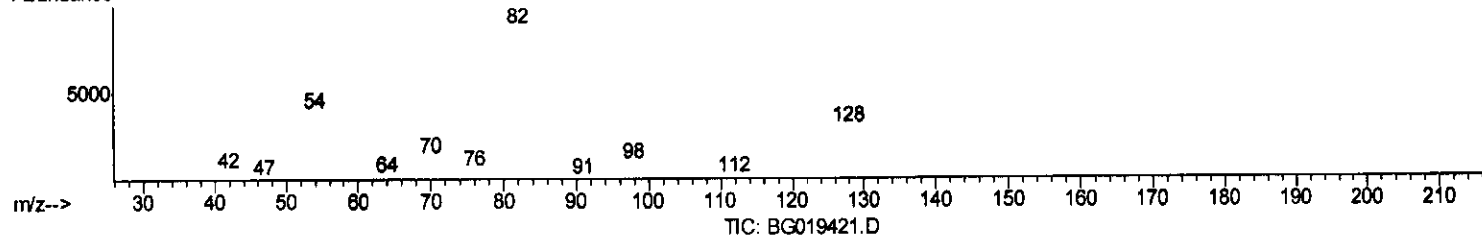
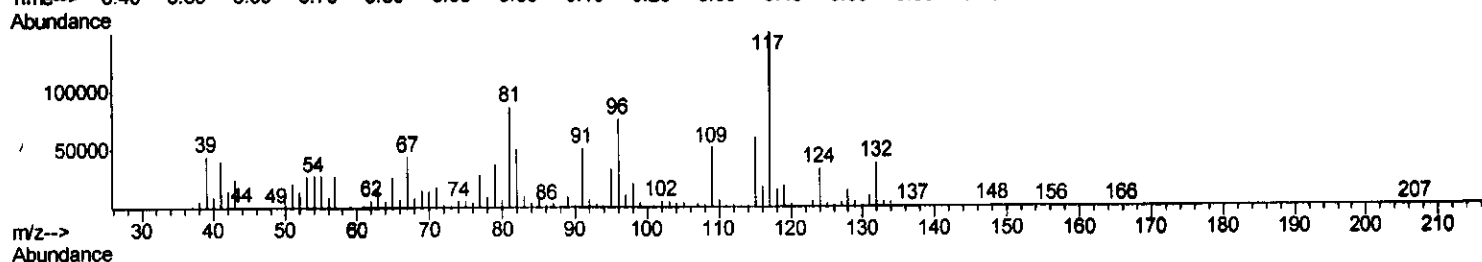
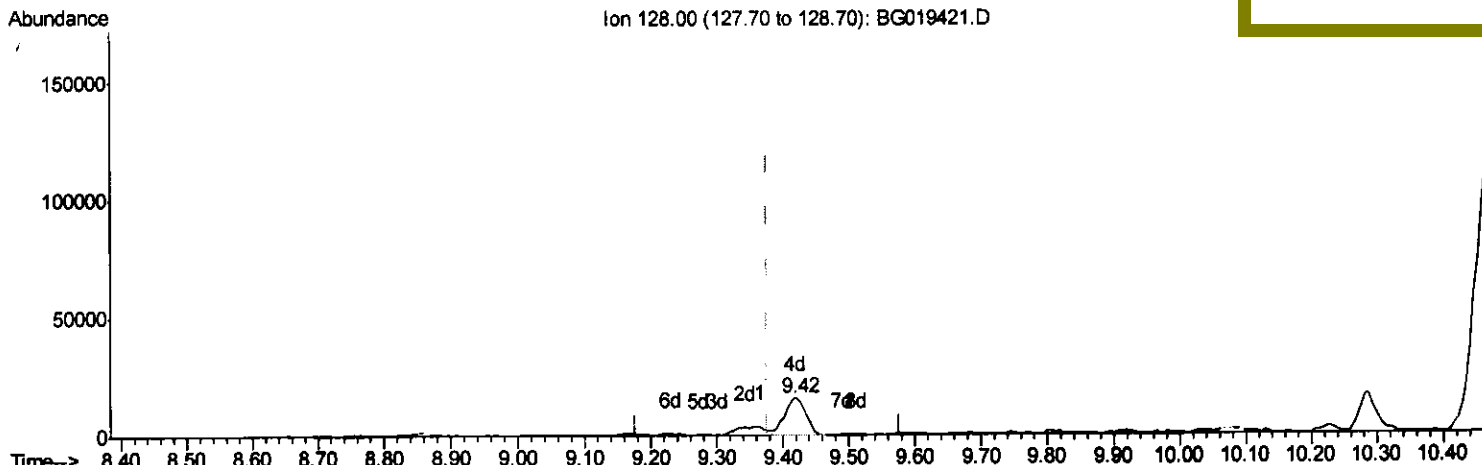
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:28 PM



(19) Nitrobenzene-d5 (S)

9.418min (+0.042) 25.59ng/ul m U.M.

response 35600

Ion	Exp%	Act%
128.00	100	100
82.00	333.00	316.02
54.00	138.70	171.55#
0.00	0.00	0.00

10/31/15

Quantitation Report (Qedit)

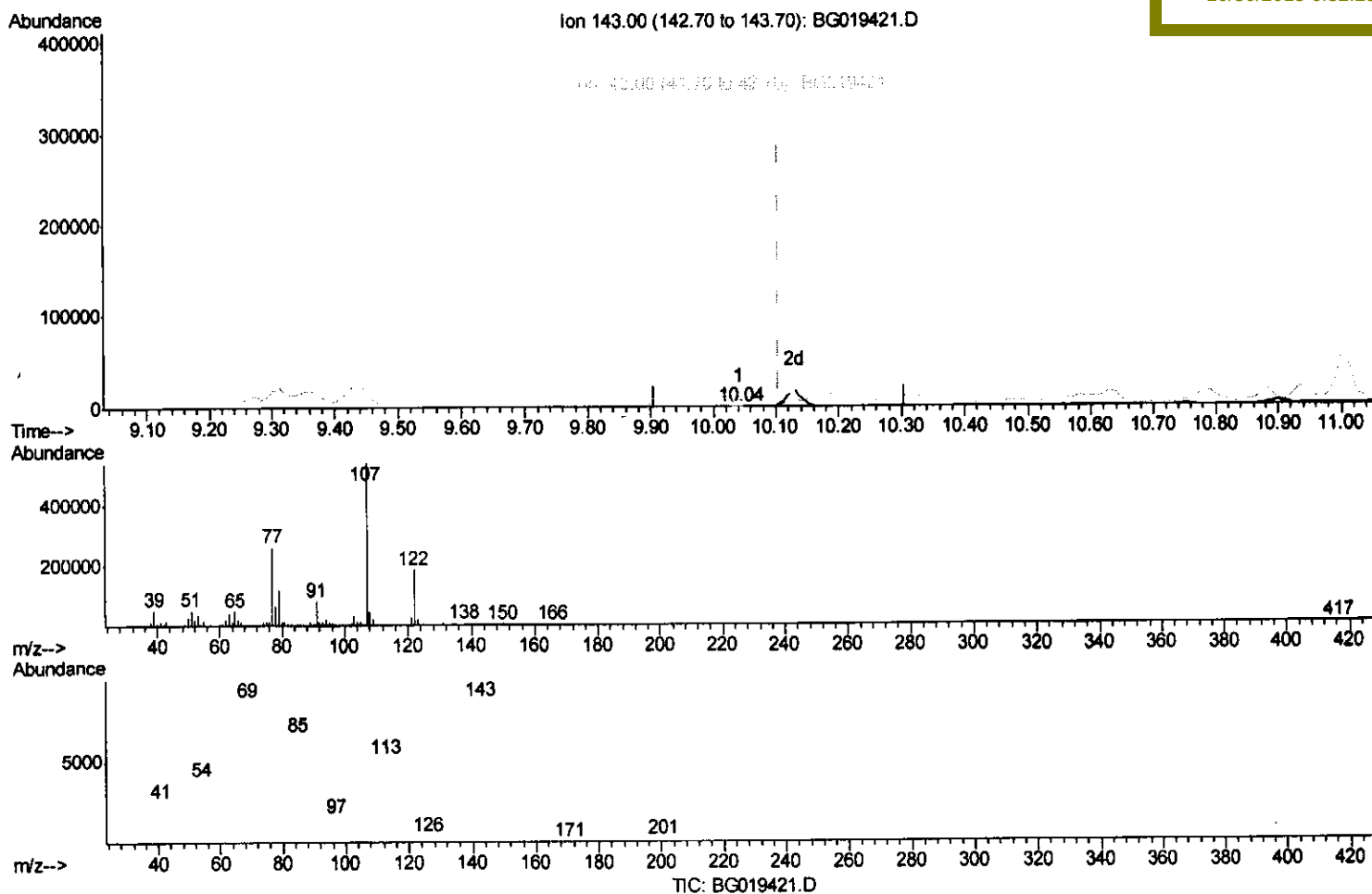
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLK7

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
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(22) 2-Nitrophenol-d4 (S)

10.041min (-0.064) 0.80ng/ul

response 175

Ion	Exp%	Act%
143.00	100	100
69.00	78.10	1629.94#
41.00	23.40	3838.37#
42.00	15.40	937.50#

Quantitation Report (Qedit)

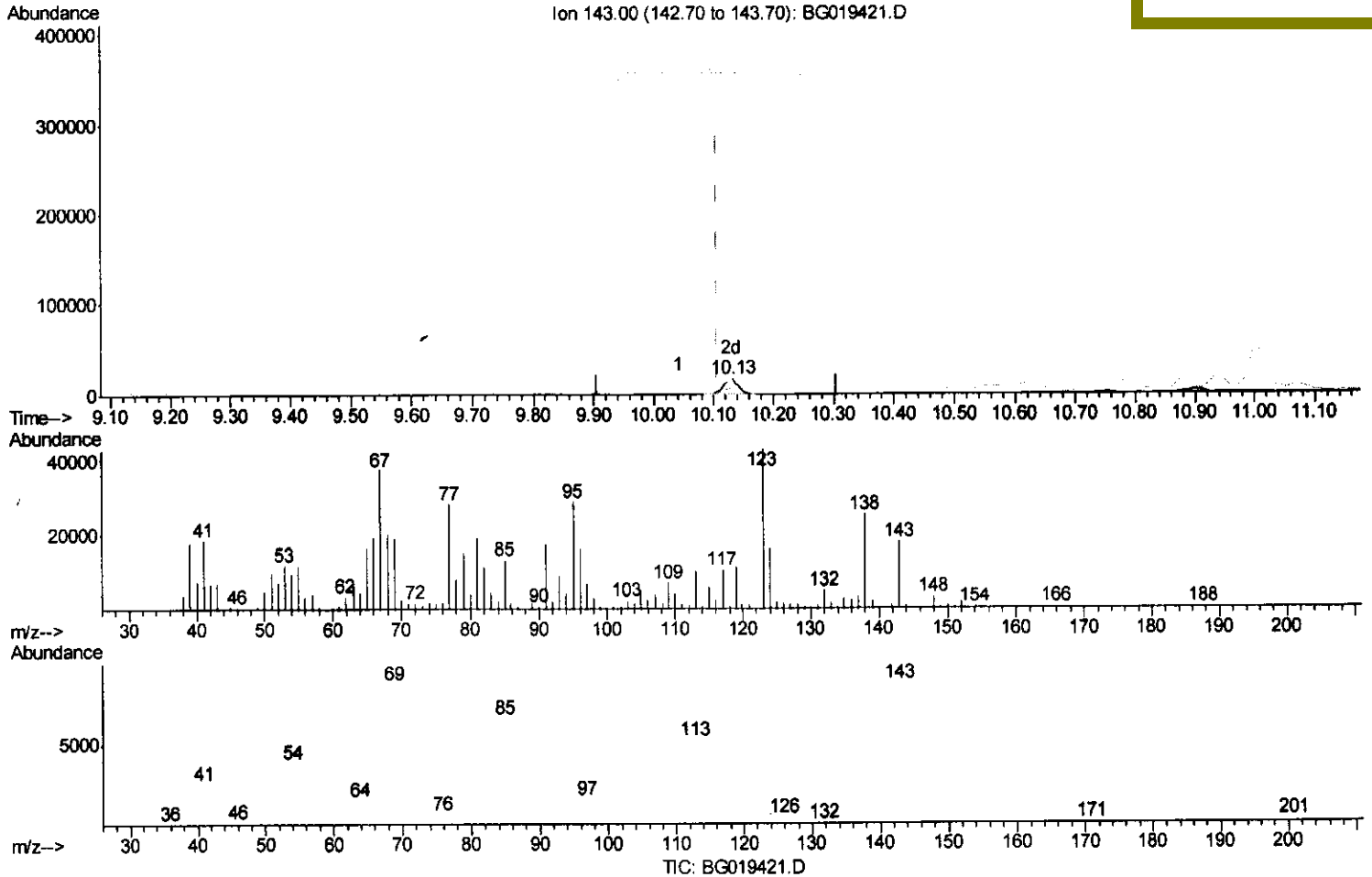
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(22) 2-Nitrophenol-d4 (S)

10.129min (+0.024) 18.17ng/ul m

response 30016

Ion	Exp%	Act%
143.00	100	100
69.00	78.10	105.77#
41.00	23.40	102.82#
42.00	15.40	37.69#

U.M
 10/31/15

Quantitation Report (Qedit)

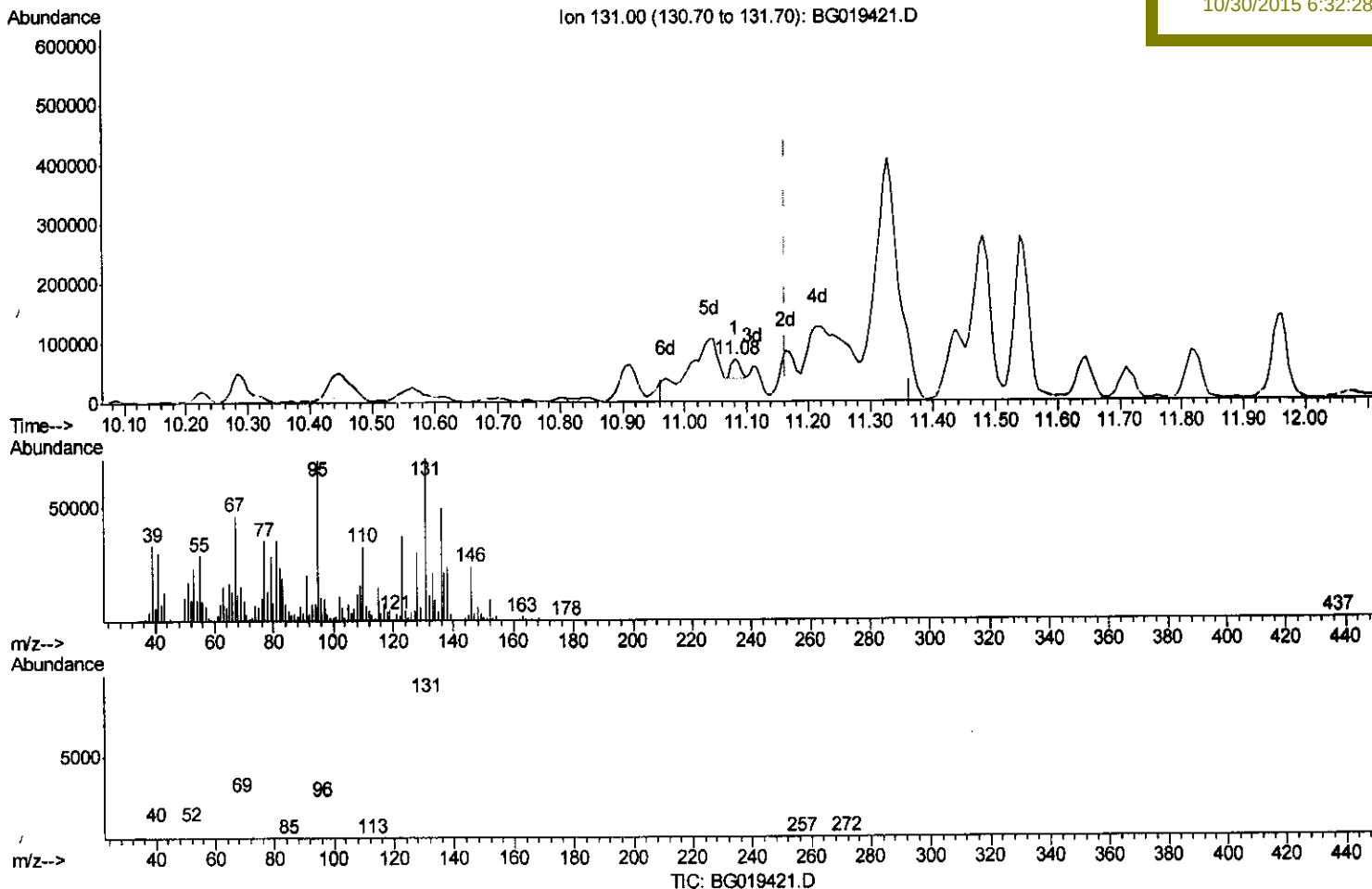
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 E5LK7

Manual Integrations
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Mmdadoda
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Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.081min (-0.082) 70.04ng/ul

response 33524

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	29.34
69.00	23.70	21.74
0.00	0.00	0.00

Quantitation Report (Qedit)

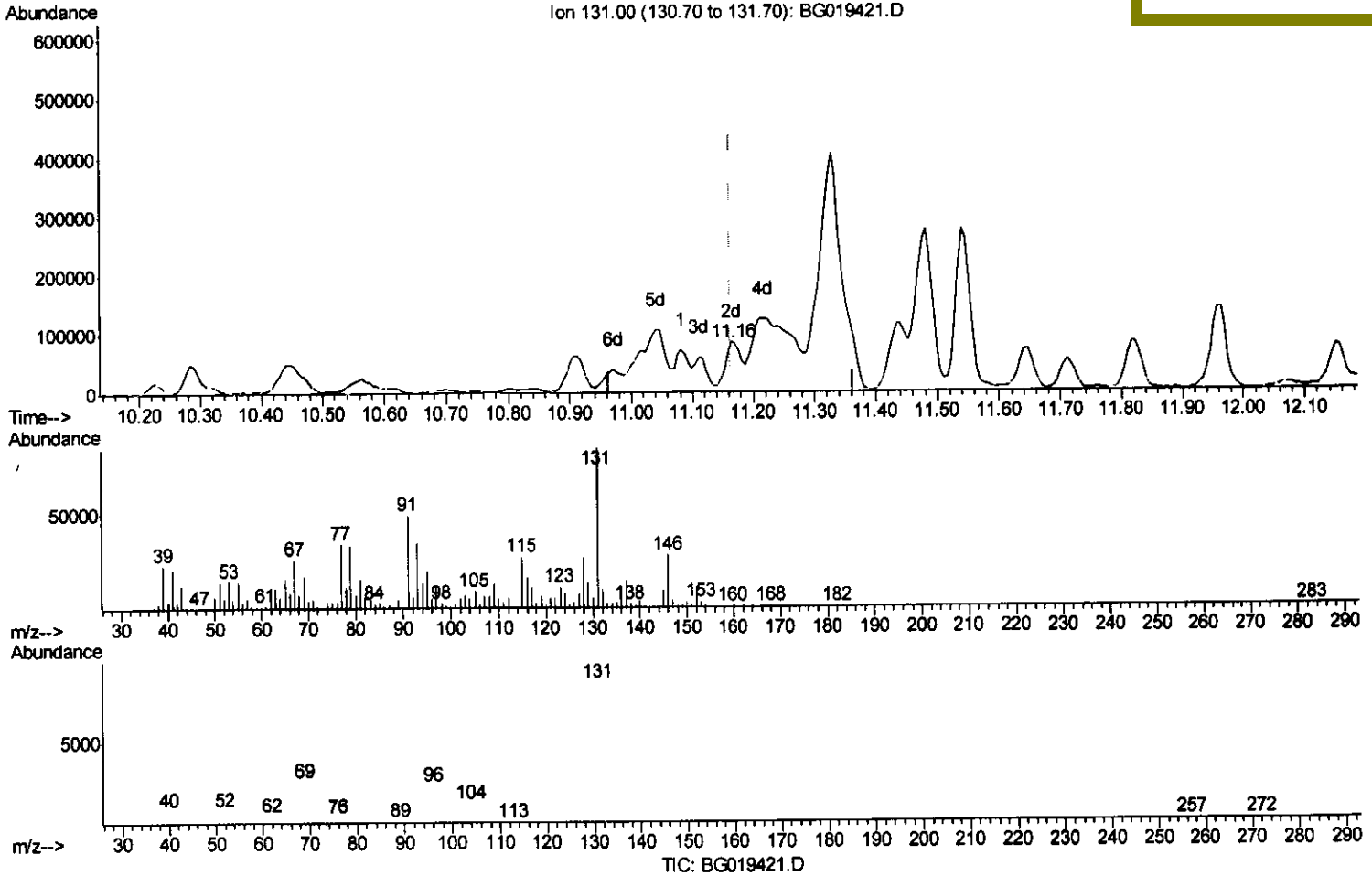
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

11.163min (+0.001) 38.78ng/ul m

response 140557

Ion	Exp%	Act%
131.00	100	100
133.00	29.30	3.16#
69.00	23.70	20.24
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

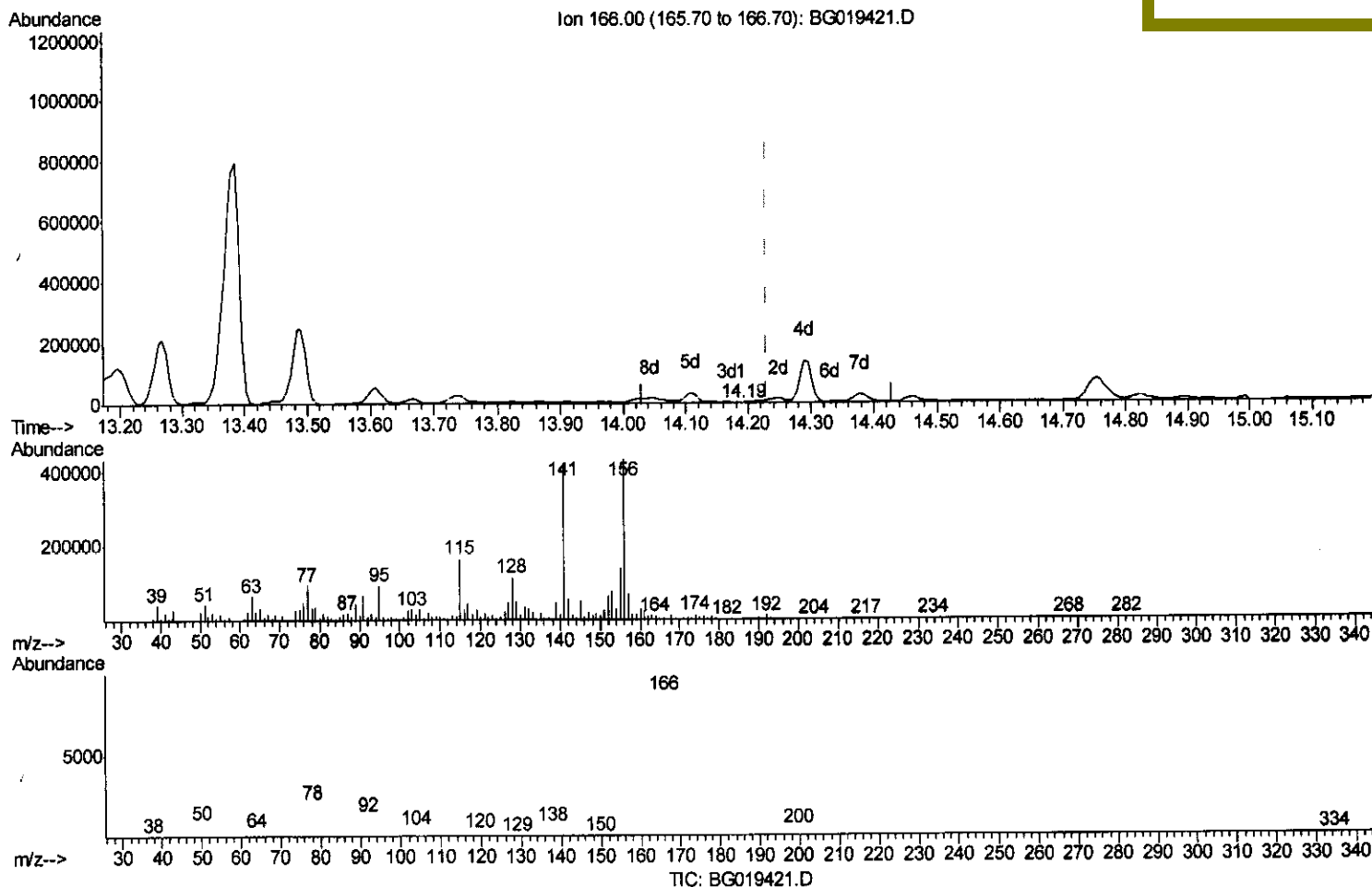
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
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(44) Dimethylphthalate-d6 (S)

14.189min (-0.041) 1.50ng/ul

response 631

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	1225.09#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

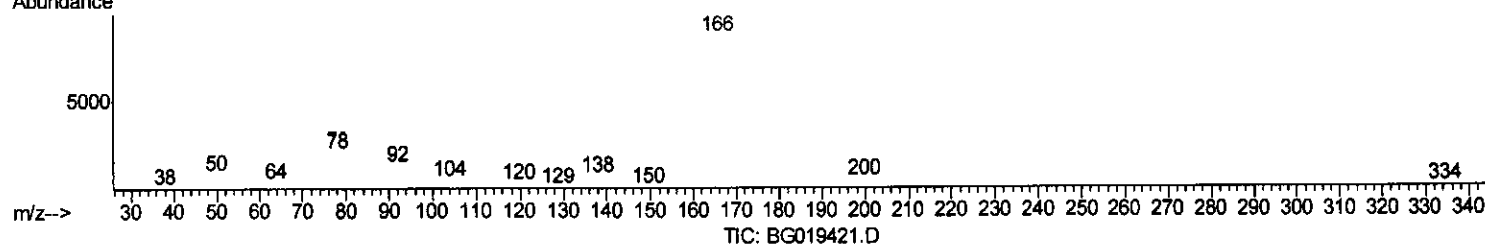
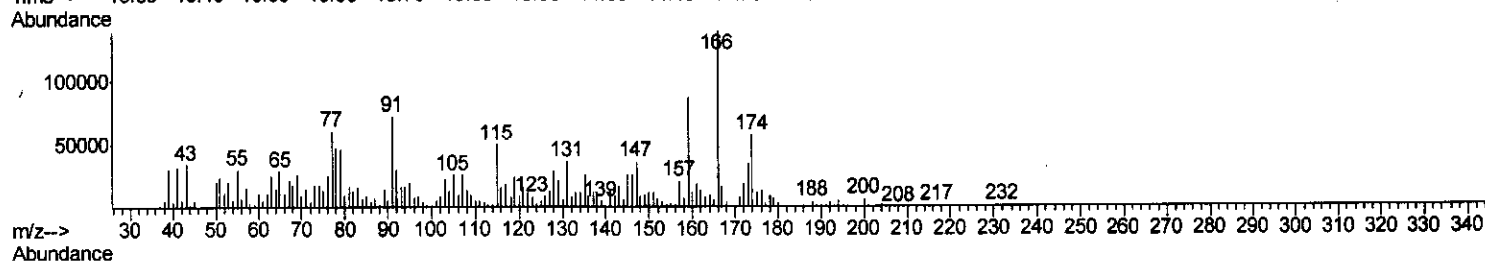
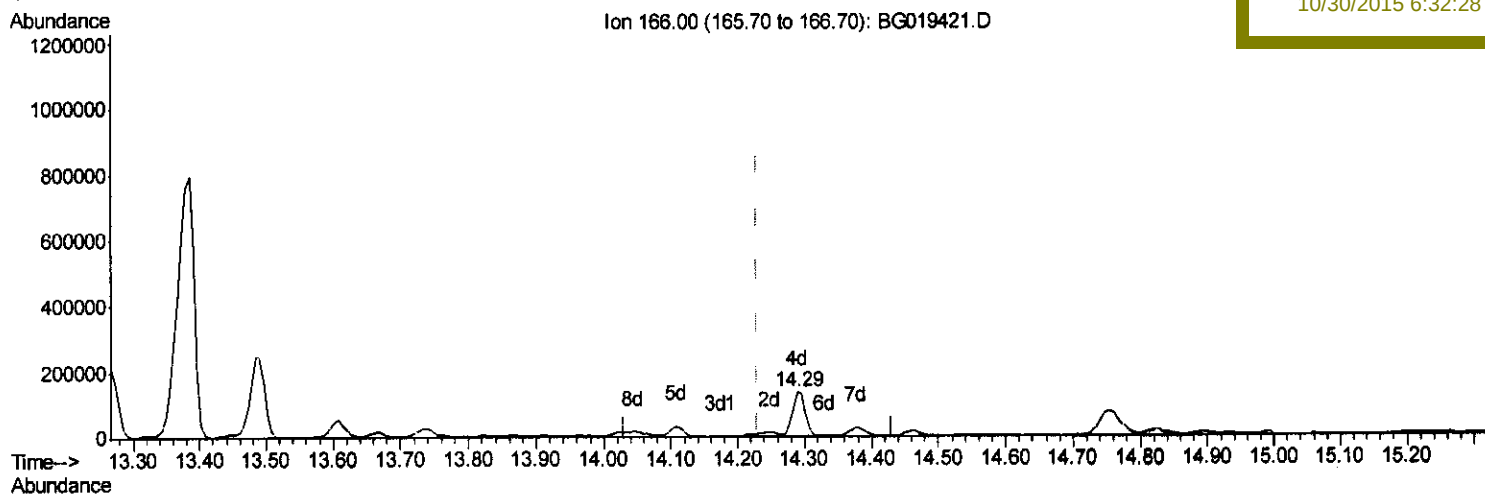
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

Mmdadoda
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Quant Time: Oct 30 12:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration



(44) Dimethylphthalate-d6 (S)

14.289min (+0.059) 16.27ng/ul m

response 180713

Ion	Exp%	Act%
166.00	100	100
78.00	19.20	33.79#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

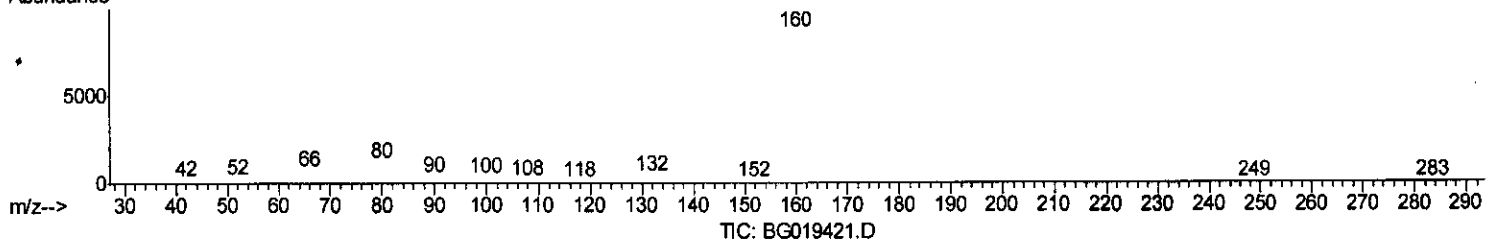
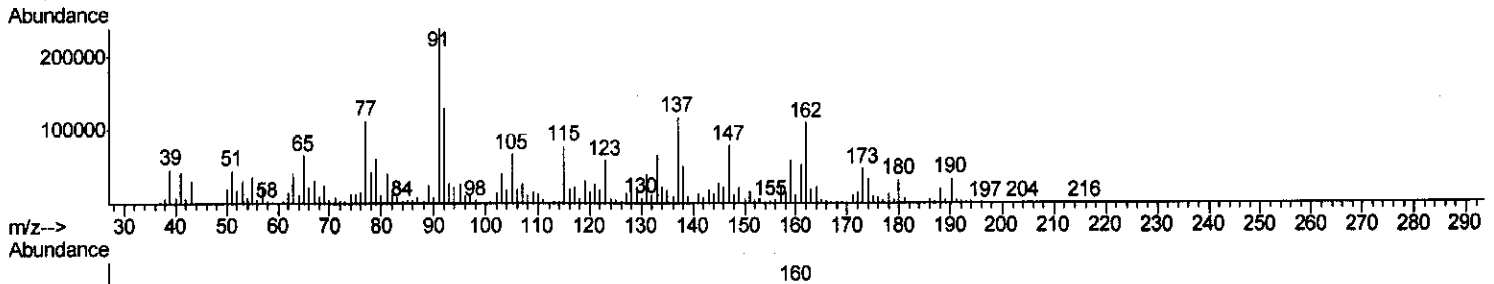
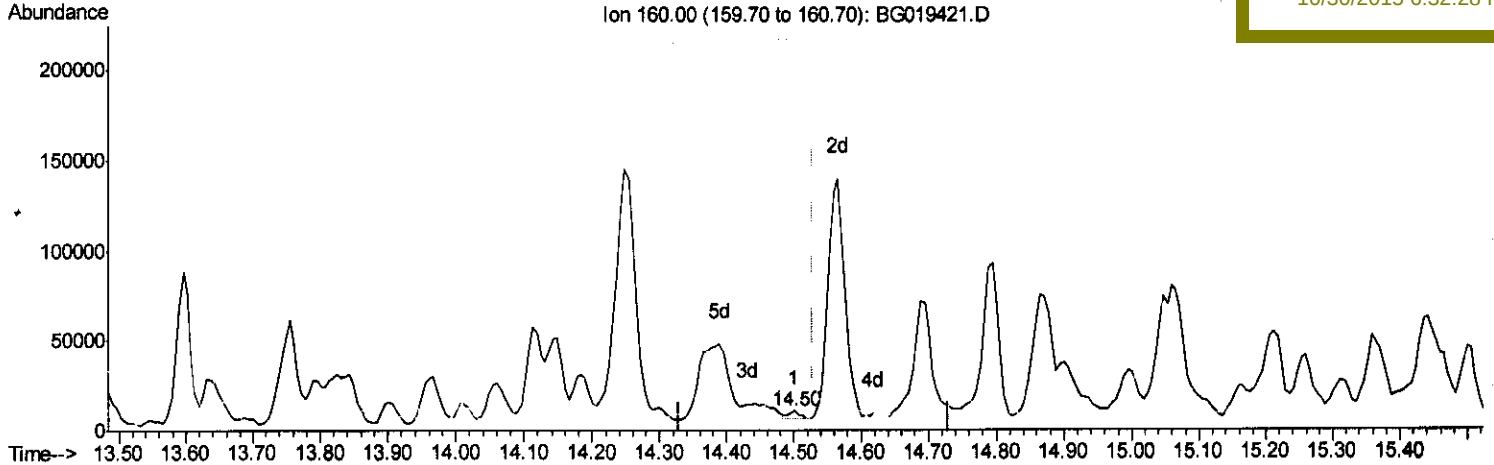
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(47) Acenaphthylene-d8 (S)

14.501min (-0.029) 11.56ng/ul

response 5373

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	110.22#
158.00	13.90	131.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

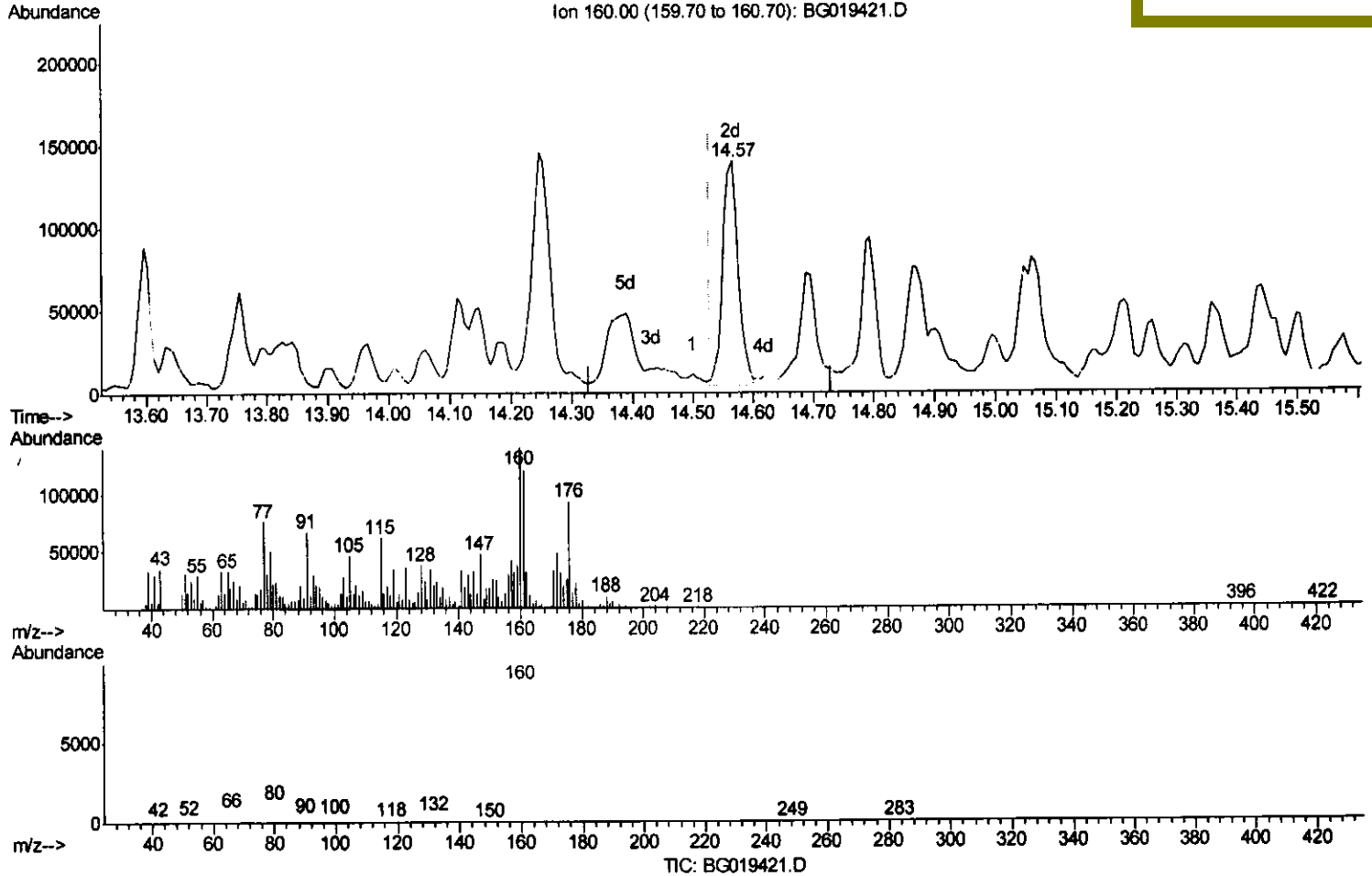
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:28 PM



(47) Acenaphthylene-d8 (S)

14.565min (+0.036) 19.75ng/ul m

response 243046

Ion	Exp%	Act%
160.00	100	100
80.00	7.40	15.04#
158.00	13.90	21.80#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

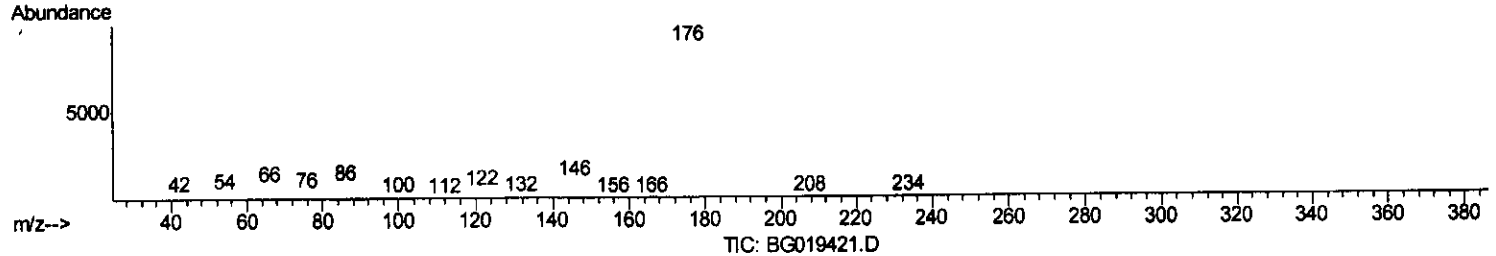
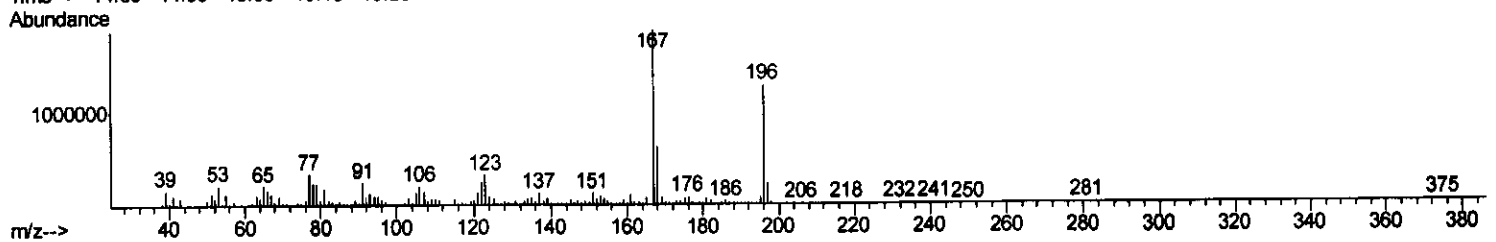
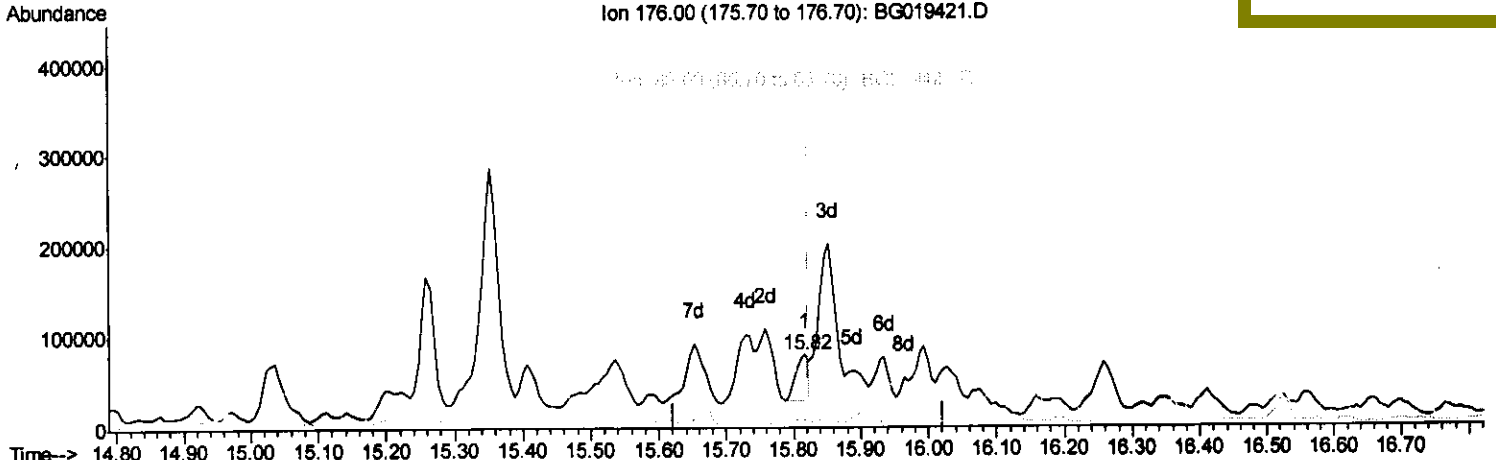
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(58) Fluorene-d10 (S)

15.817min (-0.005) 185.00ng/ul

response 71851

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	56.03#
87.00	5.70	17.79#
86.00	6.30	11.71#

Quantitation Report (Qedit)

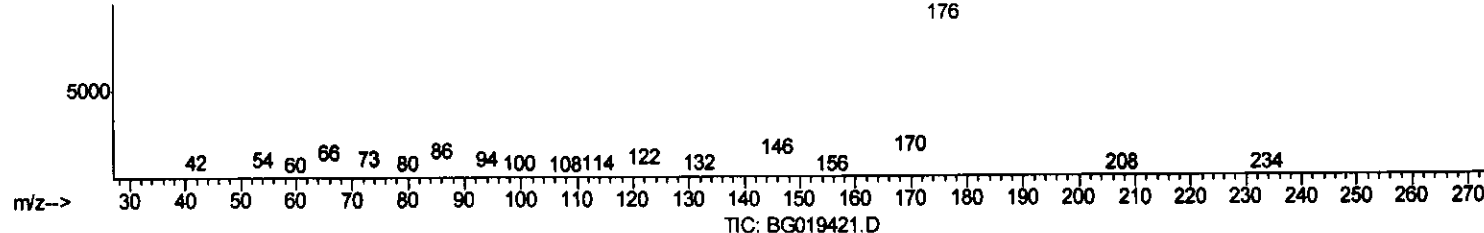
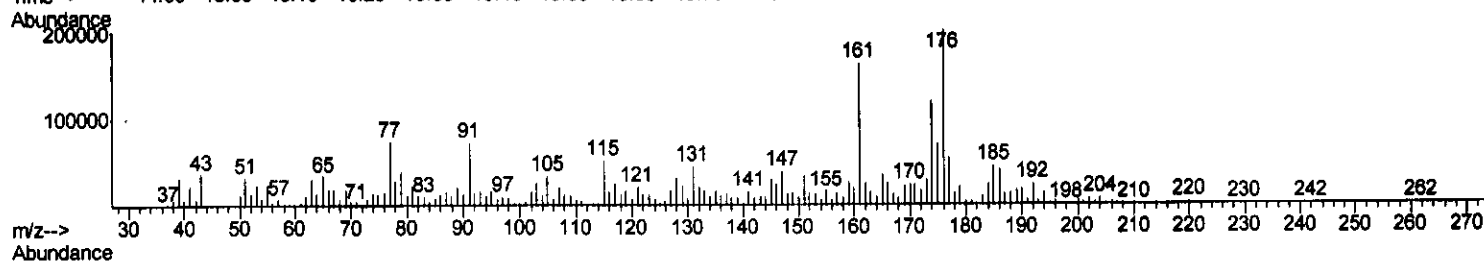
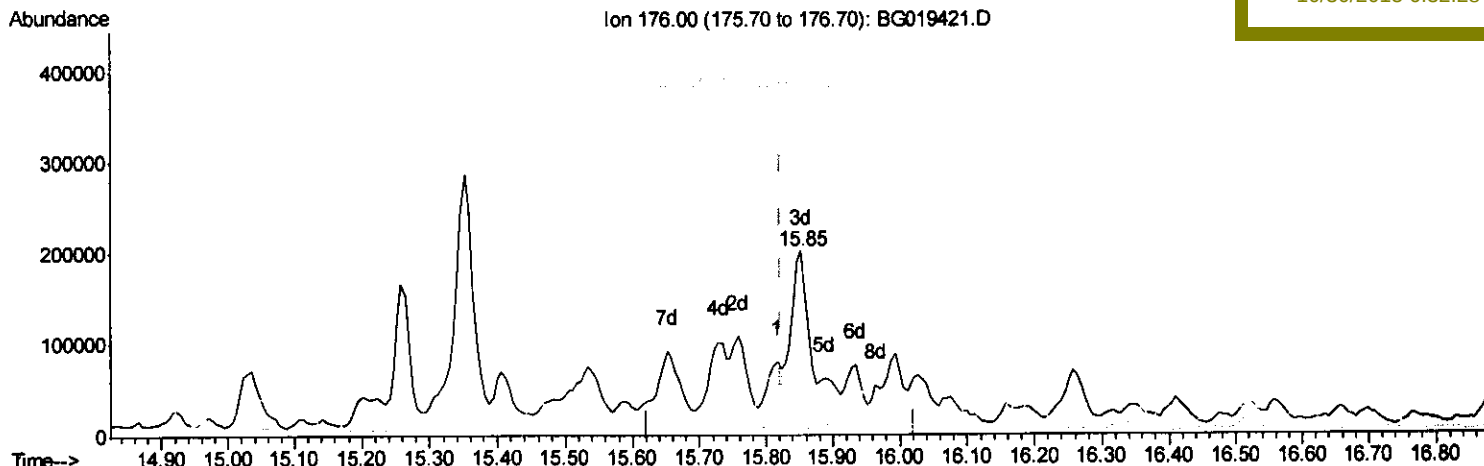
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:28 PM



(58) Fluorene-d10 (S)

15.852min (+0.030) 28.77ng/ul m

response 295755

Ion	Exp%	Act%
176.00	100	100
174.00	88.10	59.05#
87.00	5.70	7.58#
86.00	6.30	6.32

U.M.
 10/31/15

Quantitation Report (Qedit)

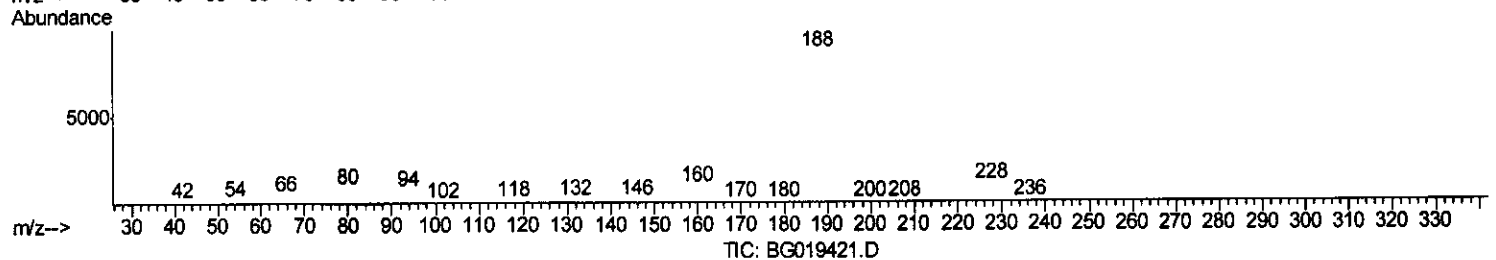
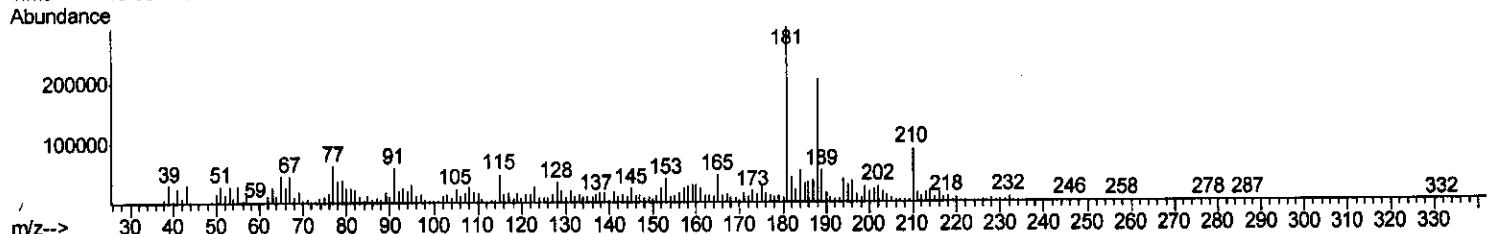
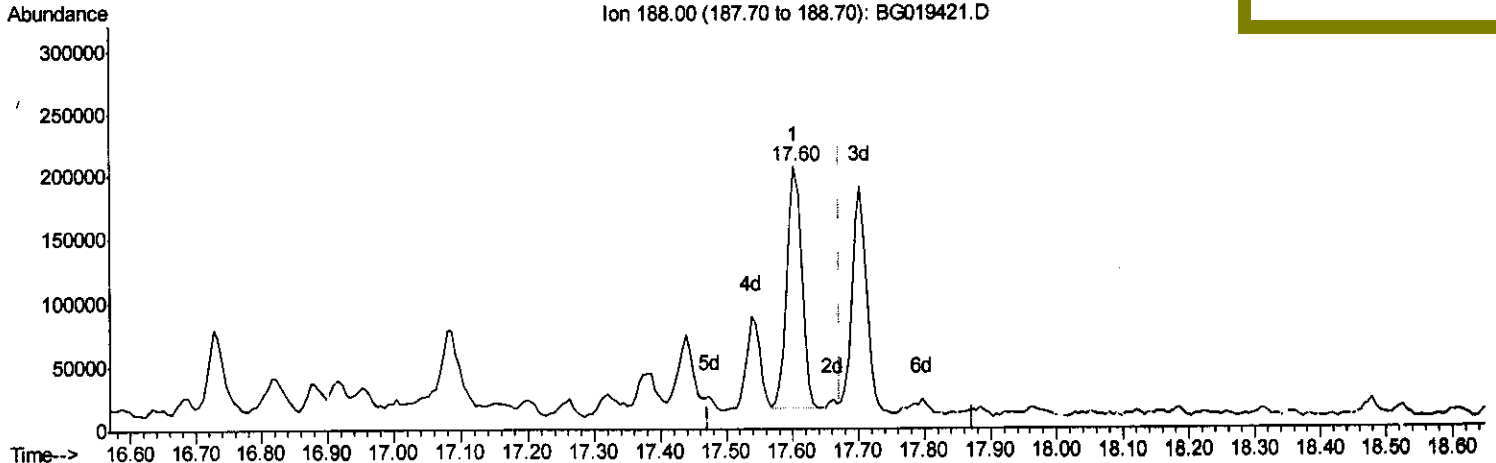
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(71) Anthracene-d10 (S)

17.603min (-0.070) 59.98ng/ul

response 302828

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	9.91#
80.00	7.00	12.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

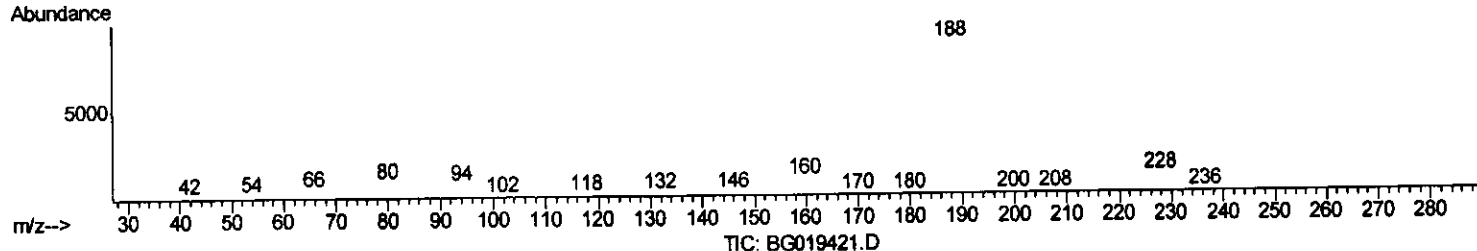
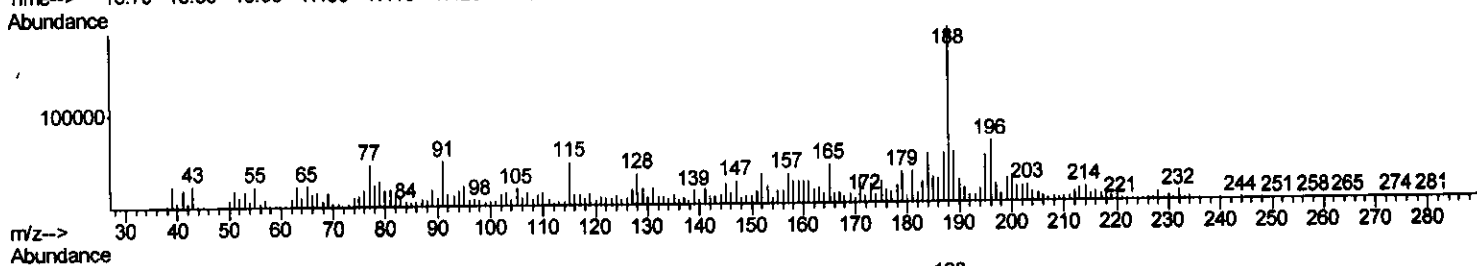
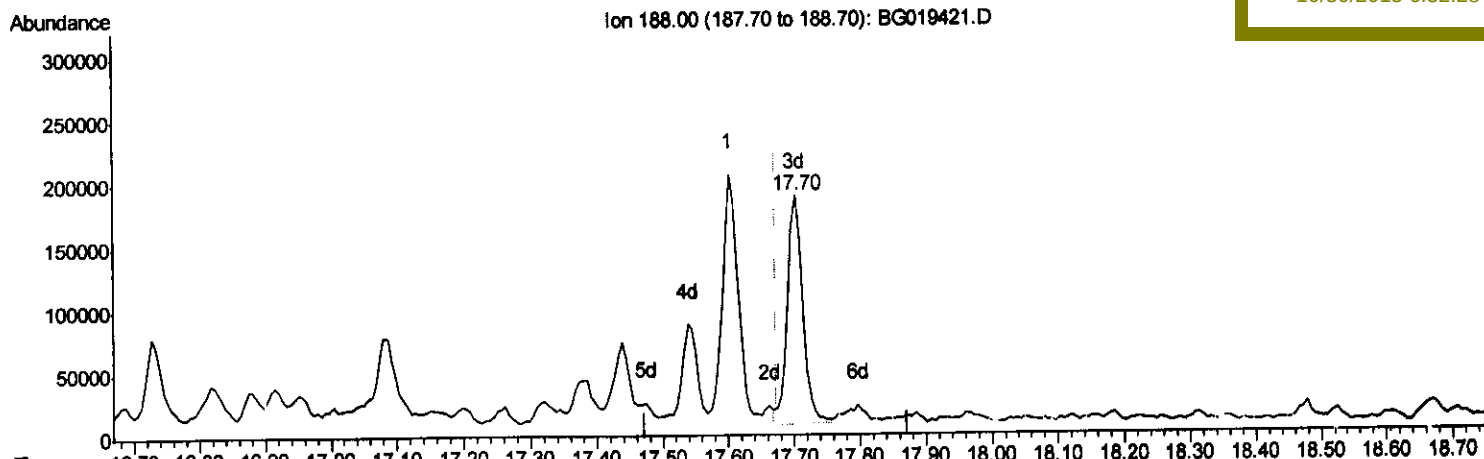
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 6:32:28 PM



(71) Anthracene-d10 (S)

17.703min (+0.030) 20.04ng/ul m U.M

response 294139

10/31/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.30	9.13#
80.00	7.00	9.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

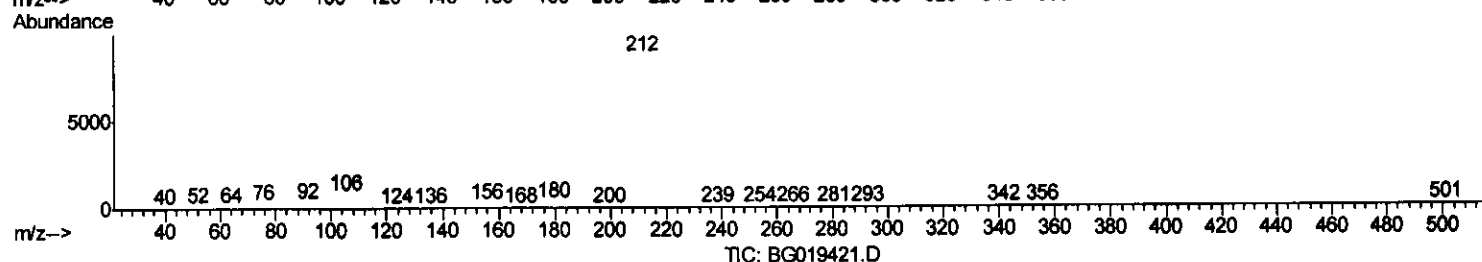
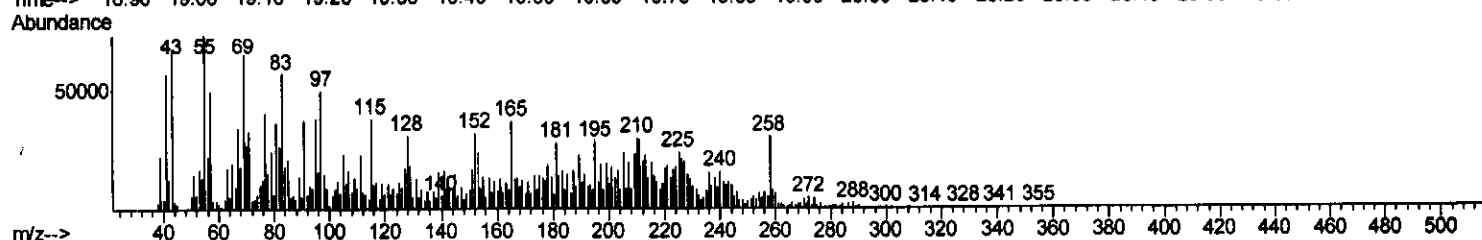
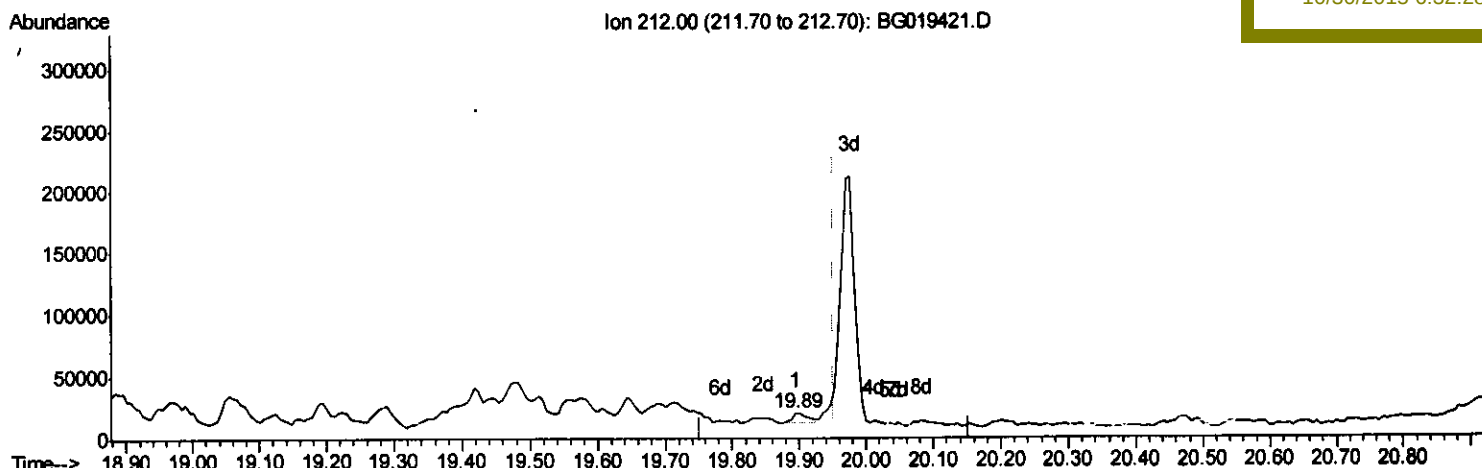
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(79) Pyrene-d10 (S)

19.894min (-0.058) 47.60ng/ul

response 14310

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	52.70#
104.00	5.10	32.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

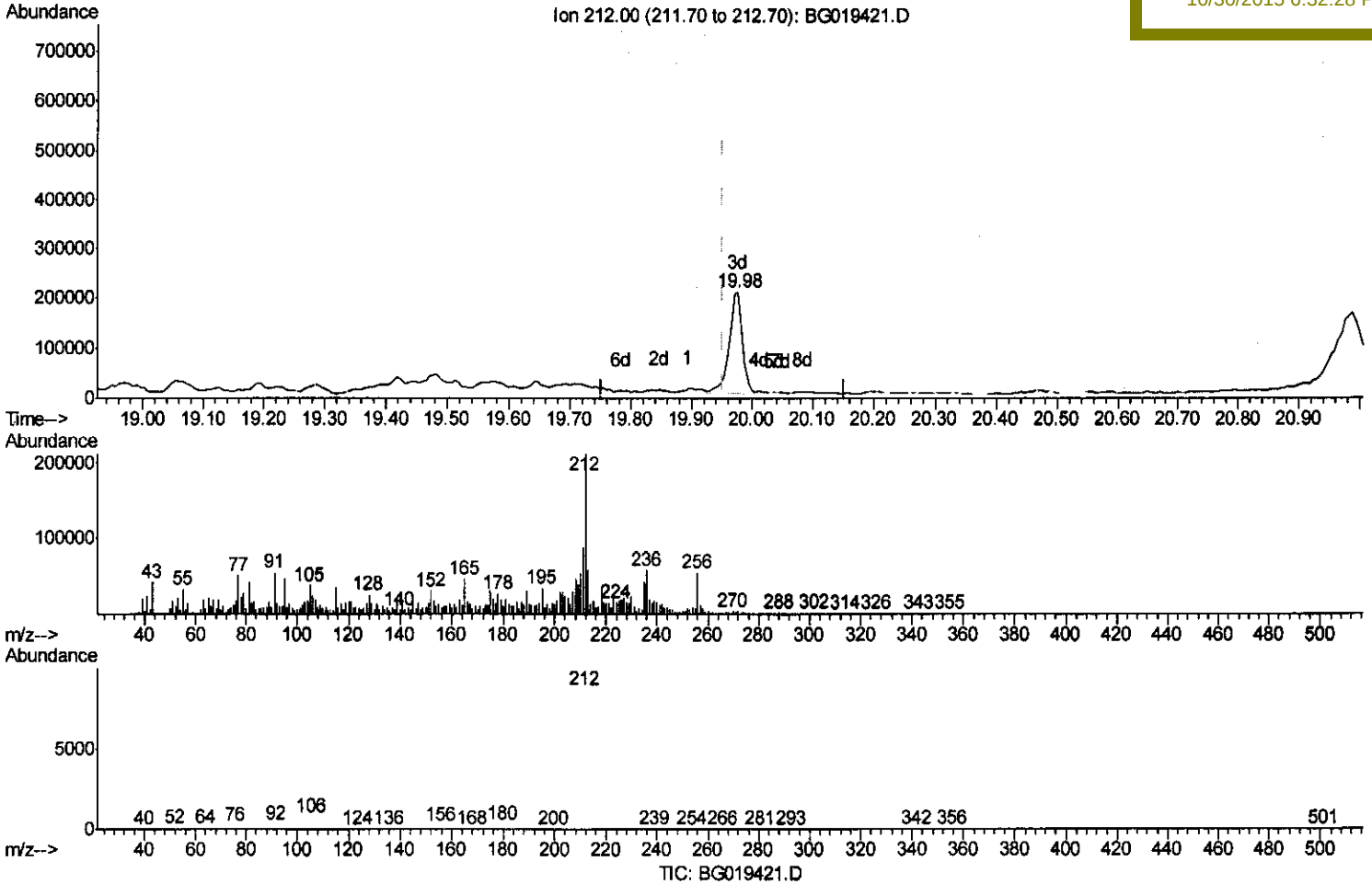
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(79) Pyrene-d10 (S)

19.977min (+0.024) 18.25ng/ul m *V.M*
10/31/15
 response 317883

Ion	Exp%	Act%
212.00	100	100
106.00	6.00	11.72#
104.00	5.10	8.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

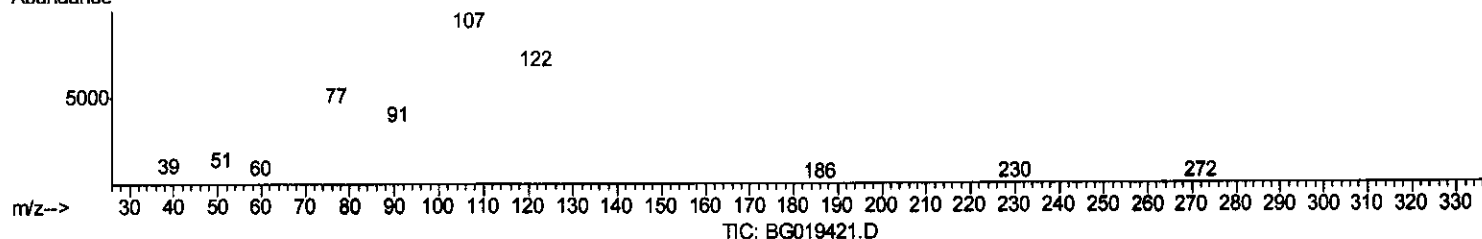
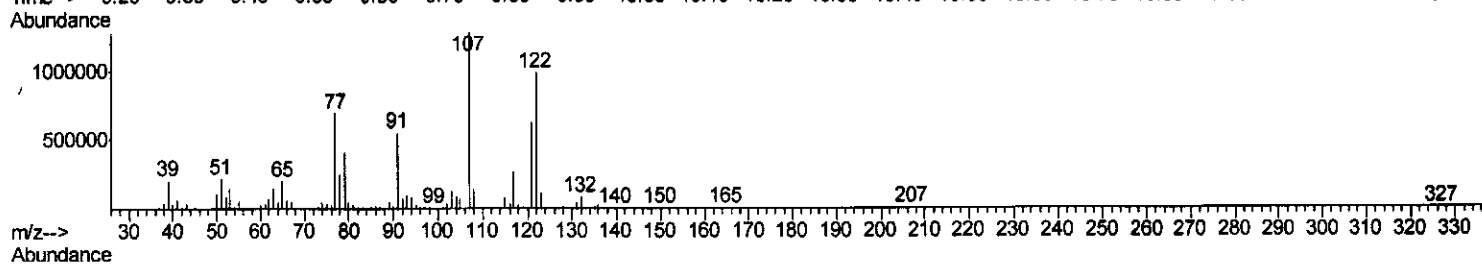
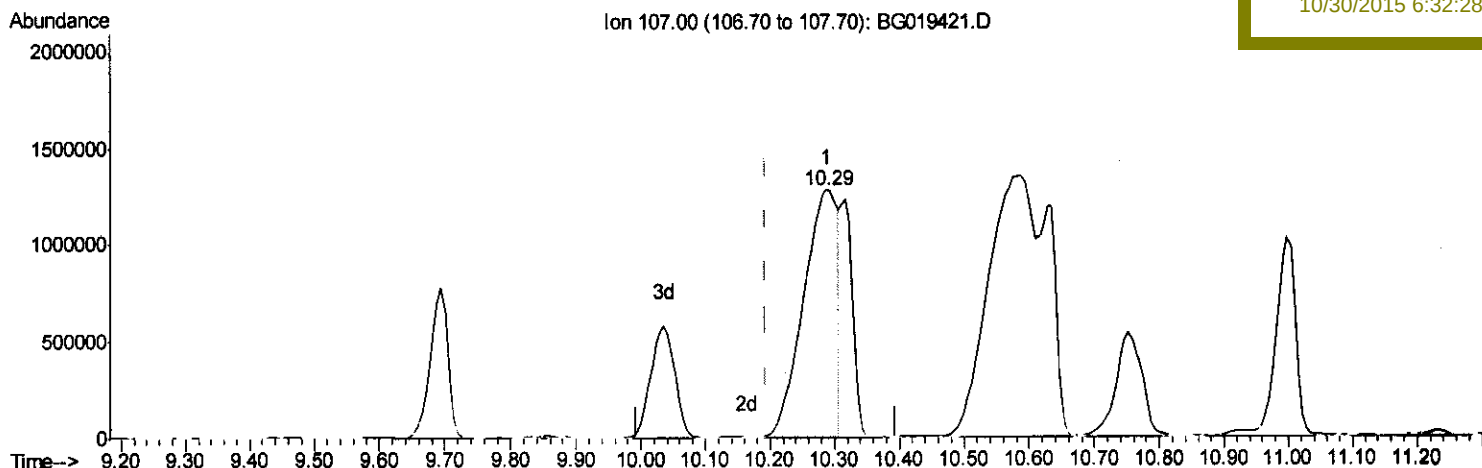
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

Mmdadoda
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(24) 2,4-Dimethylphenol

10.288min (+0.095) 7185.01ng/ul

response 4649200

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	48.73
122.00	67.70	77.26
0.00	0.00	0.00

Quantitation Report (Qedit)

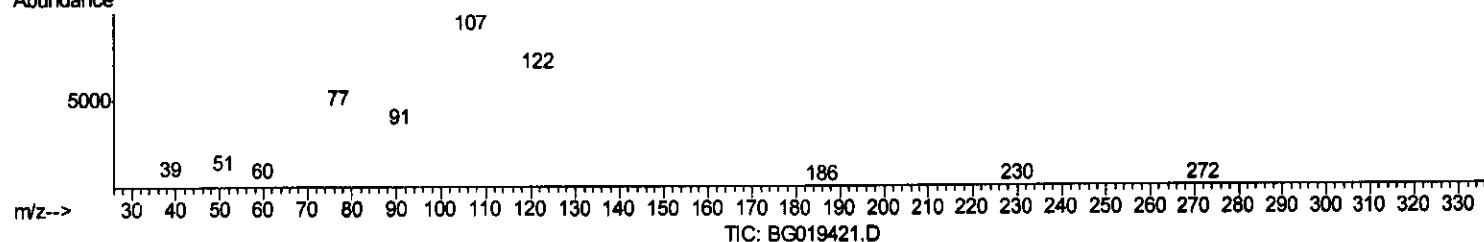
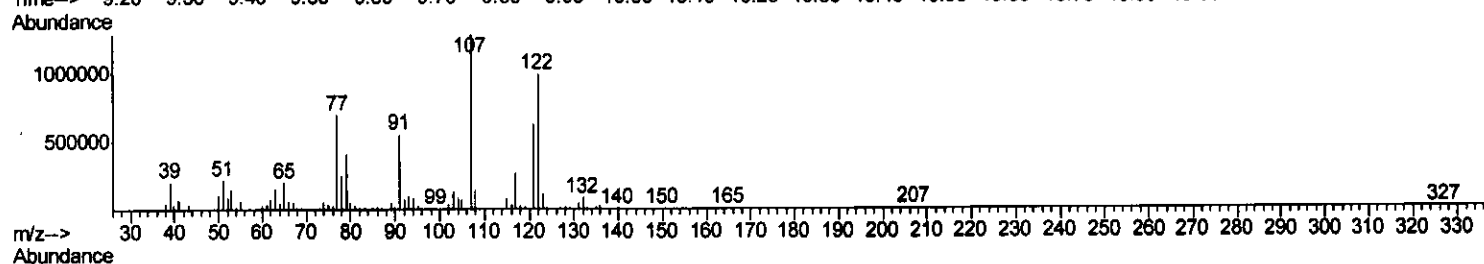
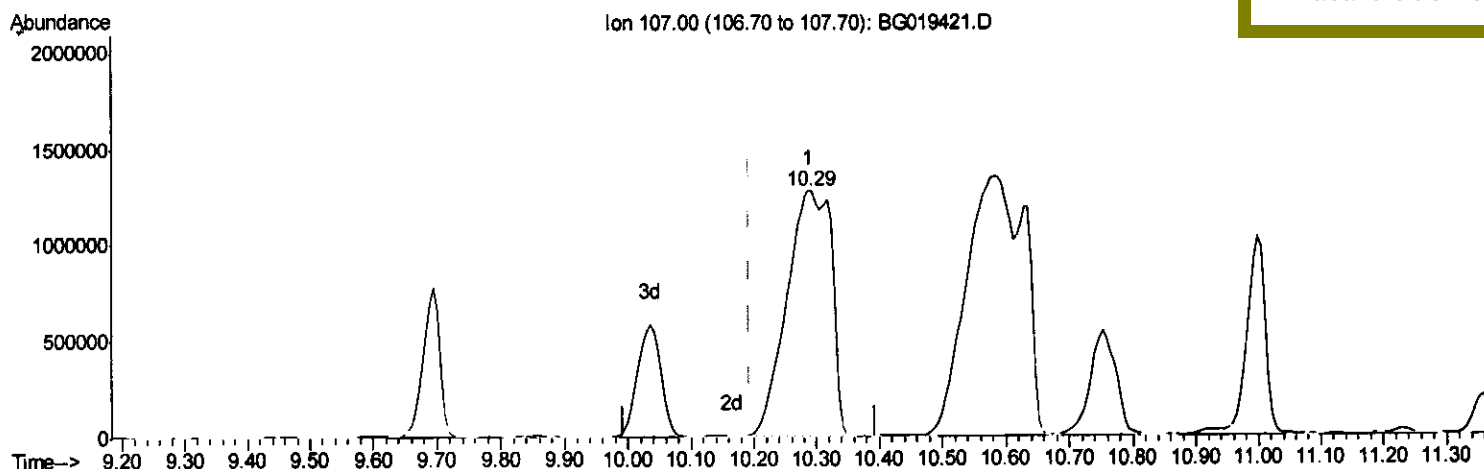
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Quant Time: Oct 30 12:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 6:32:28 PM



(24) 2,4-Dimethylphenol

10.288min (+0.095) 1288.49ng/ul m

response 6313872

Ion	Exp%	Act%
107.00	100	100
121.00	41.20	48.73
122.00	67.70	77.26
0.00	0.00	0.00

V.M
10/31/15

Quantitation Report (Qedit)

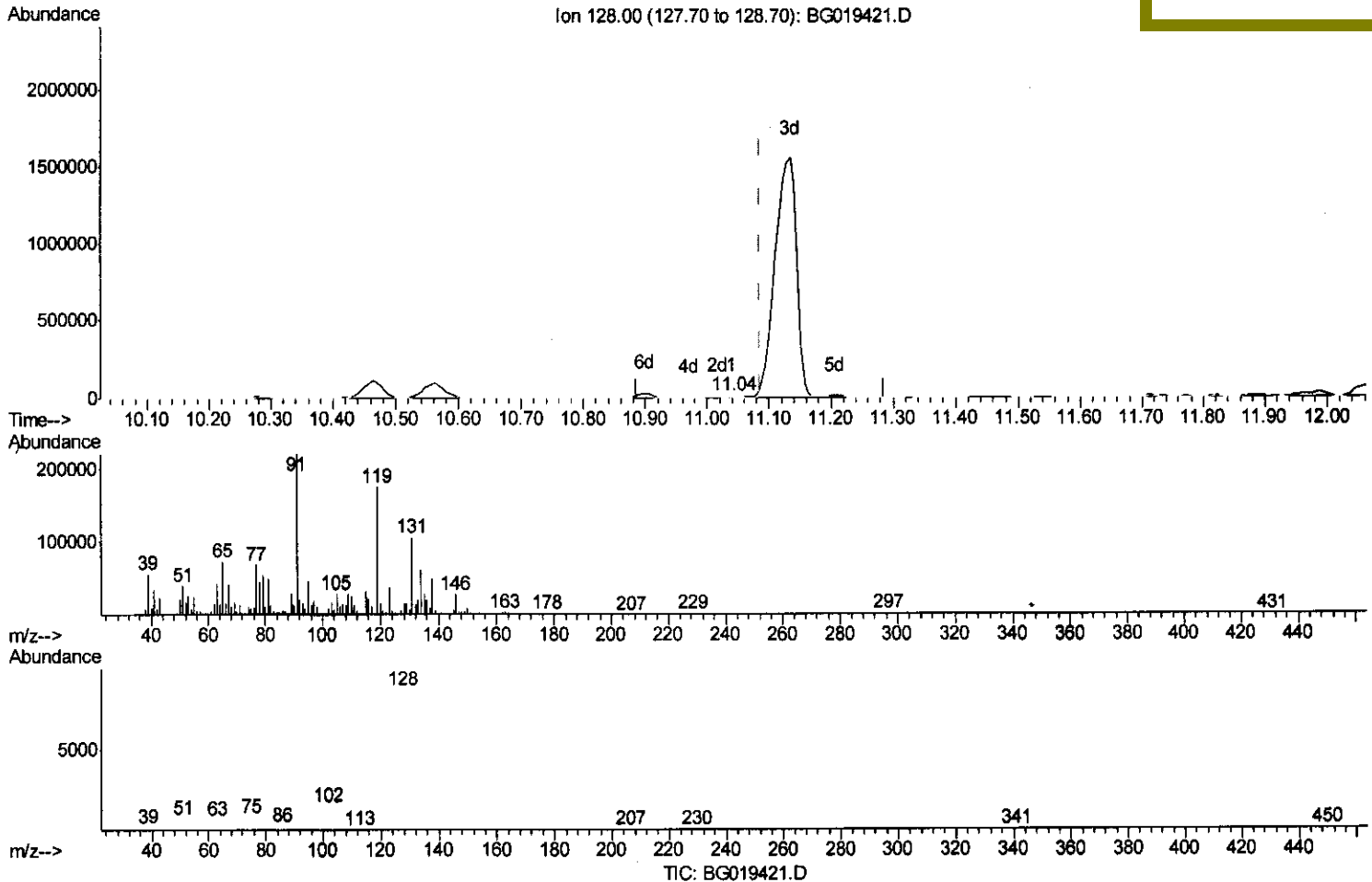
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(28) Naphthalene

11.040min (-0.046) 16.84ng/ul

response 21065

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	101.26#
127.00	16.40	34.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

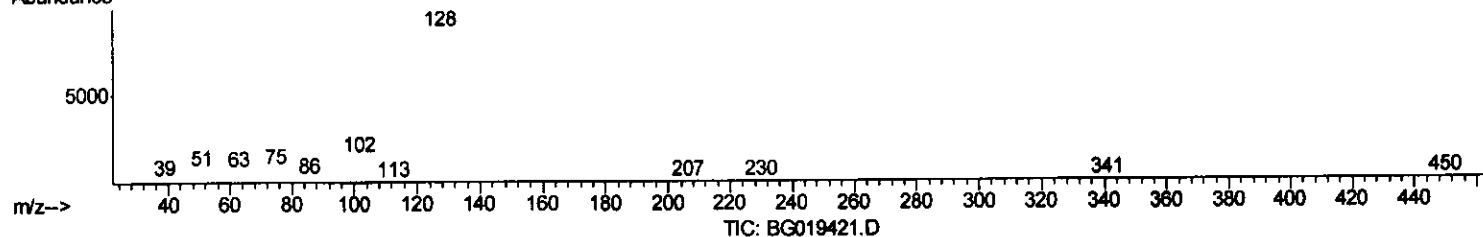
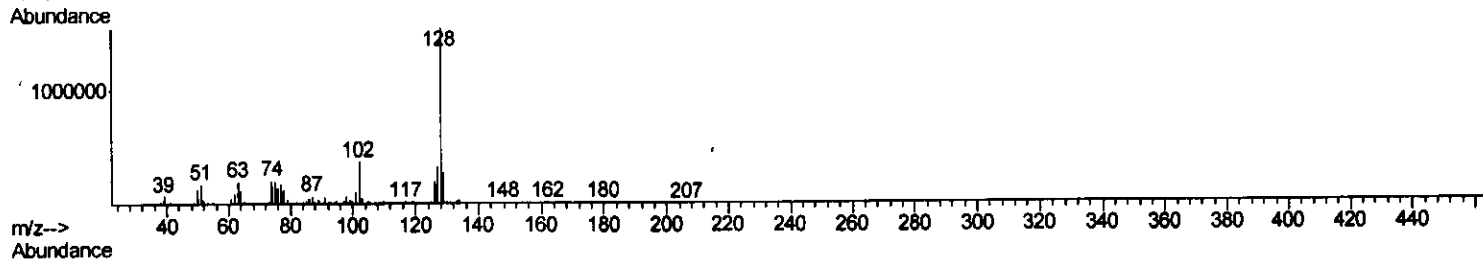
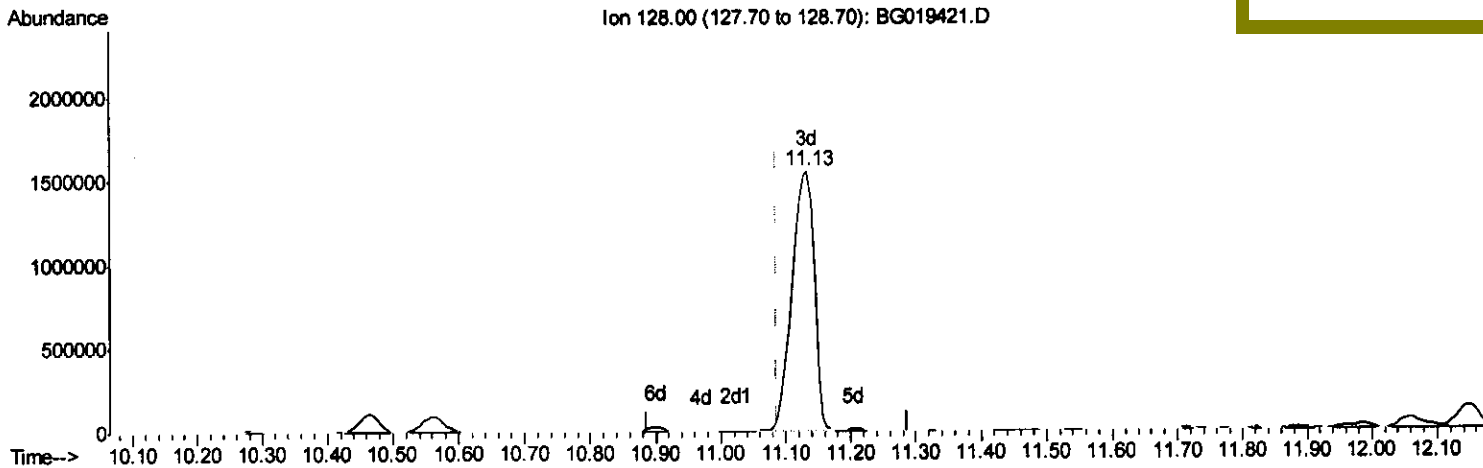
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(28) Naphthalene

11.134min (+0.048) 396.00ng/ul m

response 3751194

Ion	Exp%	Act%
128.00	100	100
129.00	11.10	17.48#
127.00	16.40	21.34#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

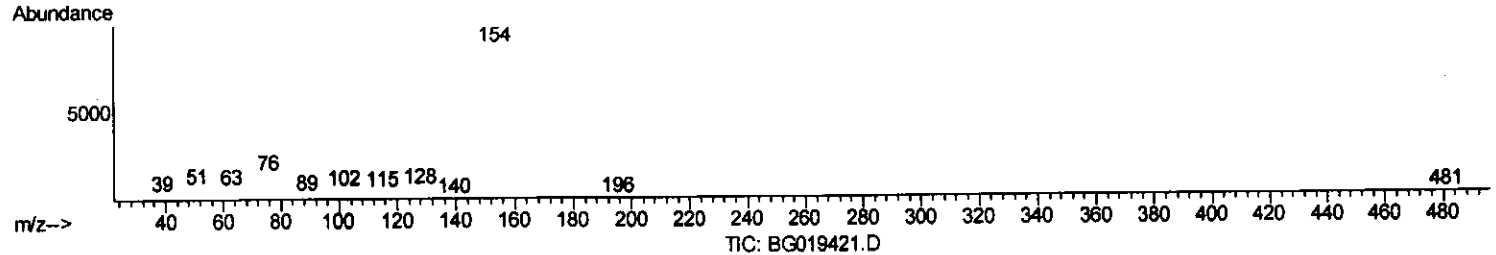
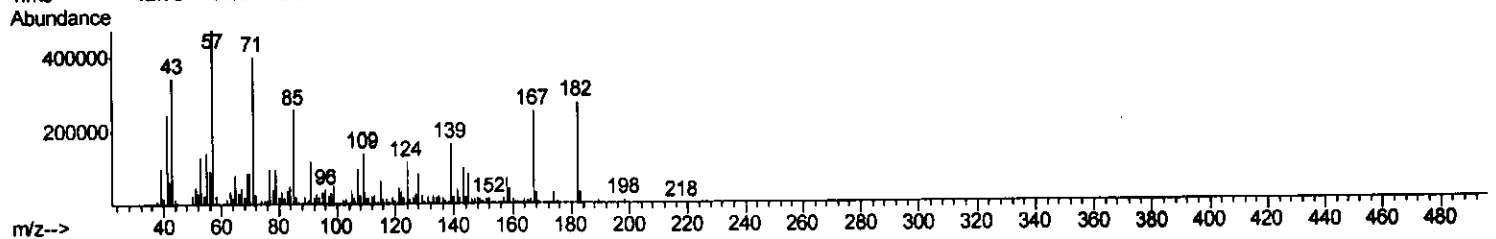
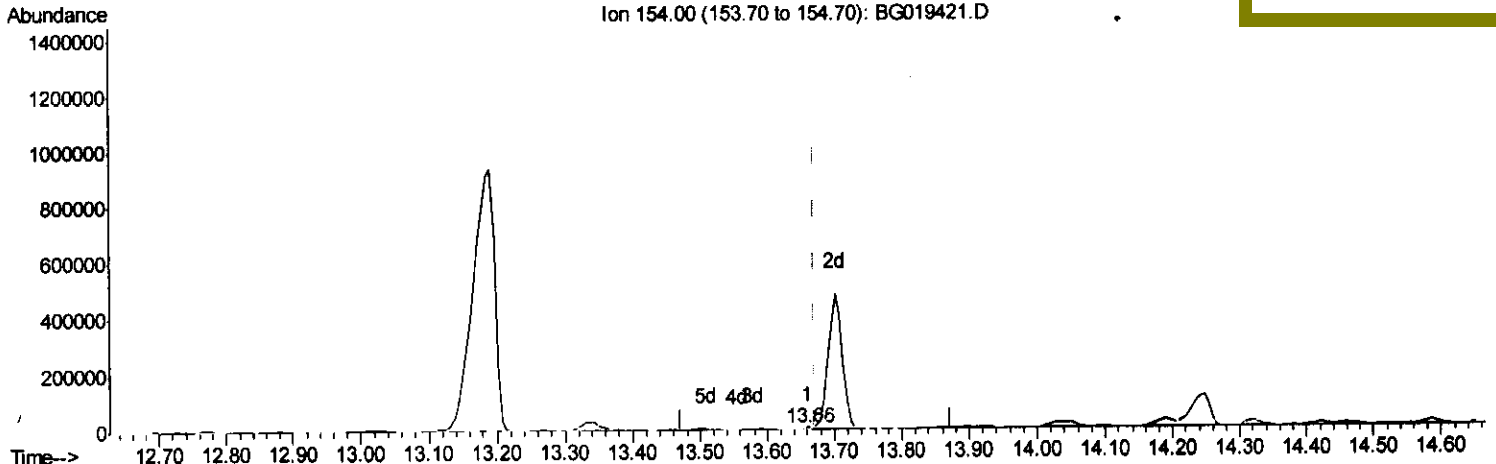
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(41) 1,1'-Biphenyl

13.661min (-0.011) 19.59ng/ul

response 7052

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	84.80#
76.00	9.60	169.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

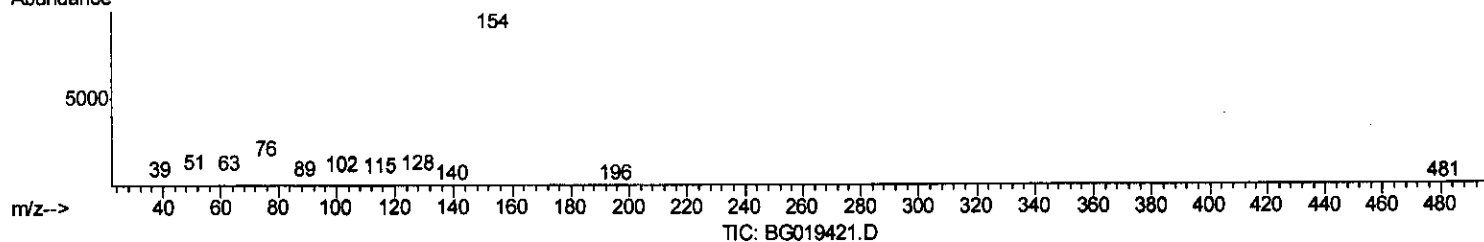
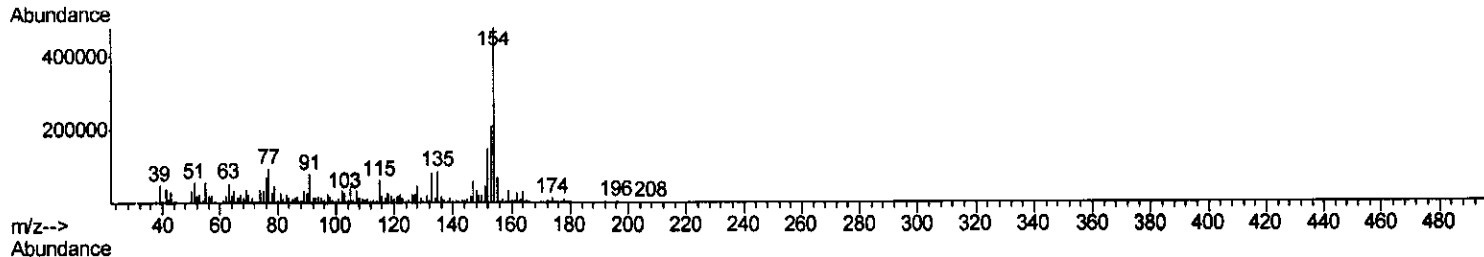
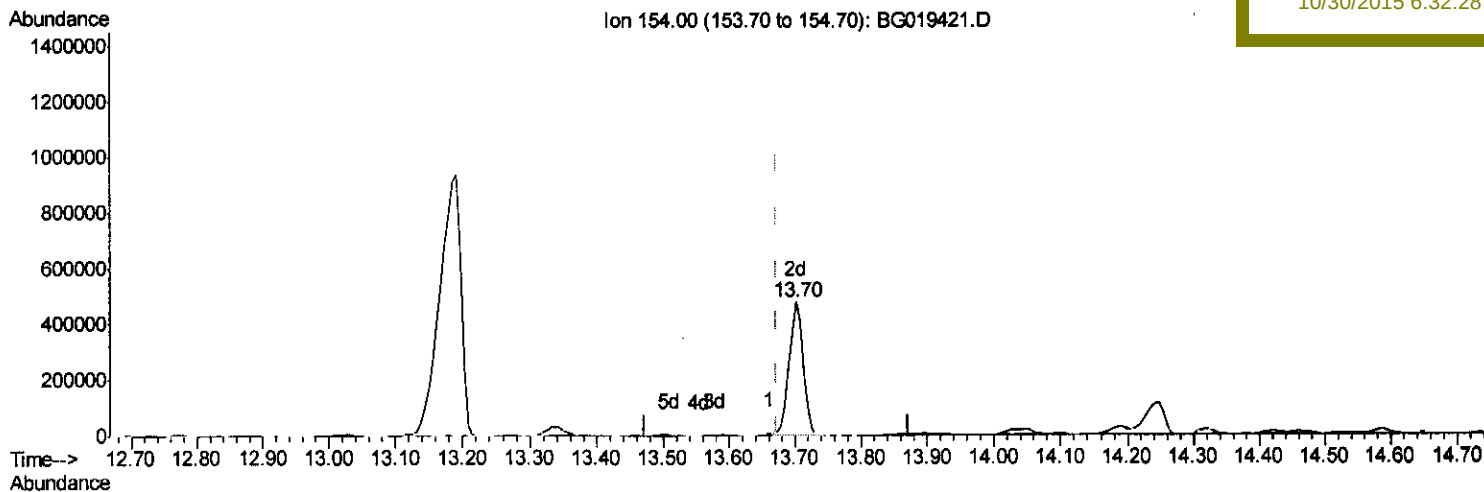
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
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Quant Time: Oct 30 12:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration



(41) 1,1'-Biphenyl

13.702min (+0.030) 74.45ng/ul m U.M

response 709177

Ion	Exp%	Act%
154.00	100	100
153.00	41.00	43.70
76.00	9.60	14.50#
0.00	0.00	0.00

10/31/15

Quantitation Report (Qedit)

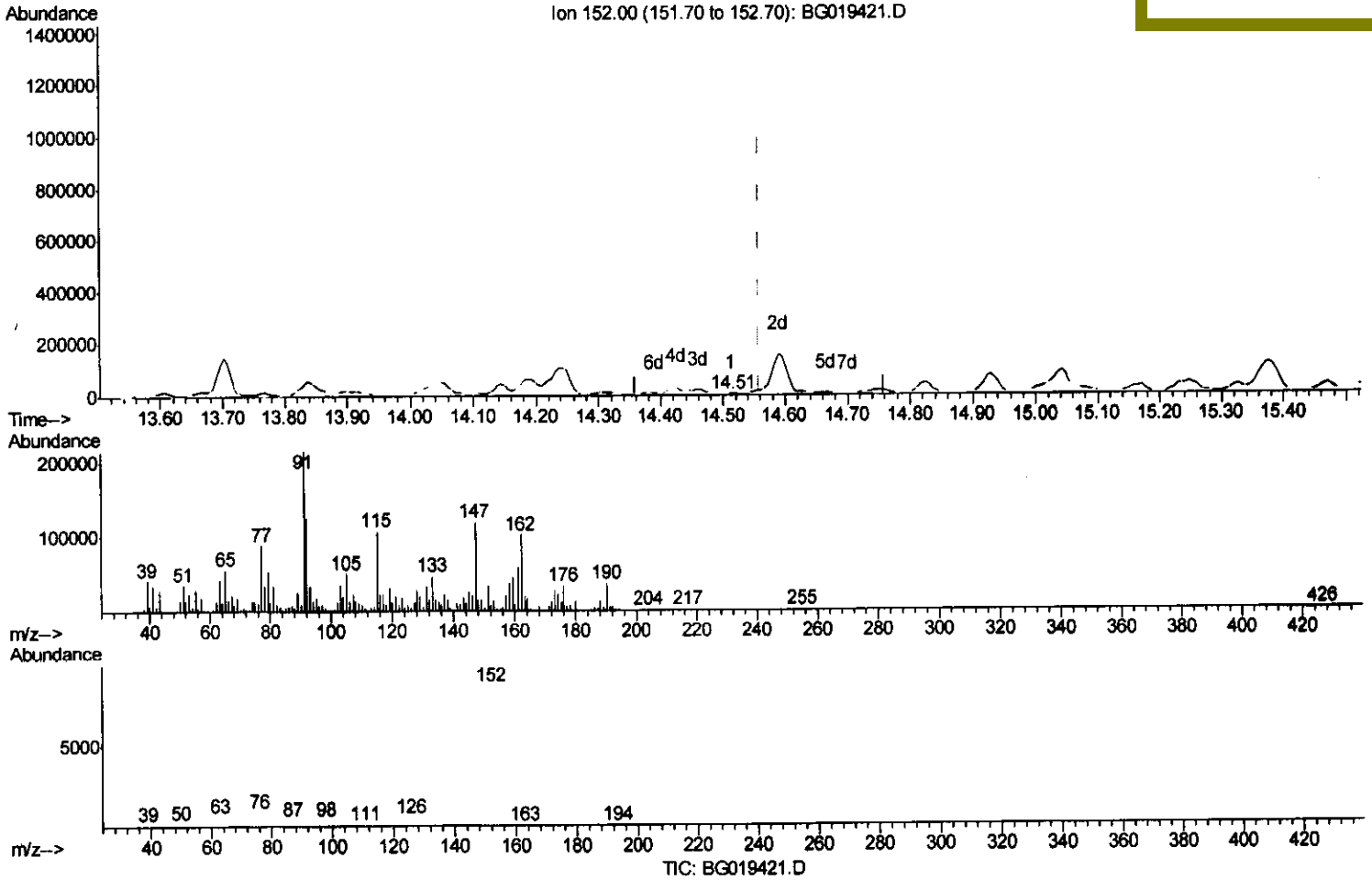
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(48) Acenaphthylene

14.512min (-0.046) 4.98ng/ul

response 2372

Ion	Exp%	Act%
152.00	100	100
151.00	21.10	434.58#
153.00	13.50	165.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

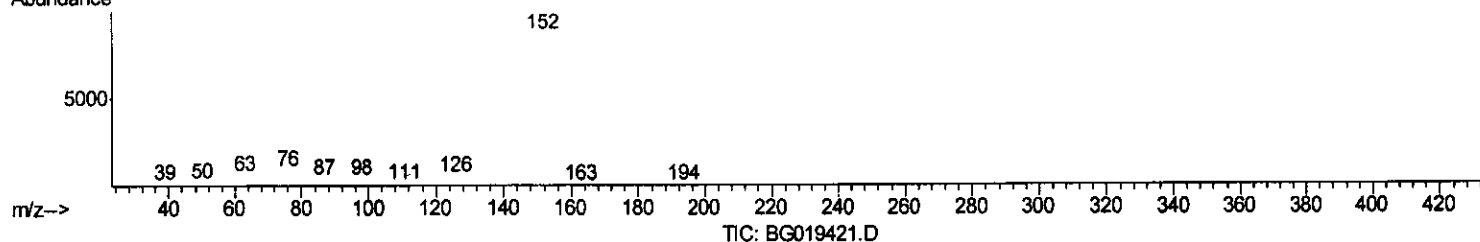
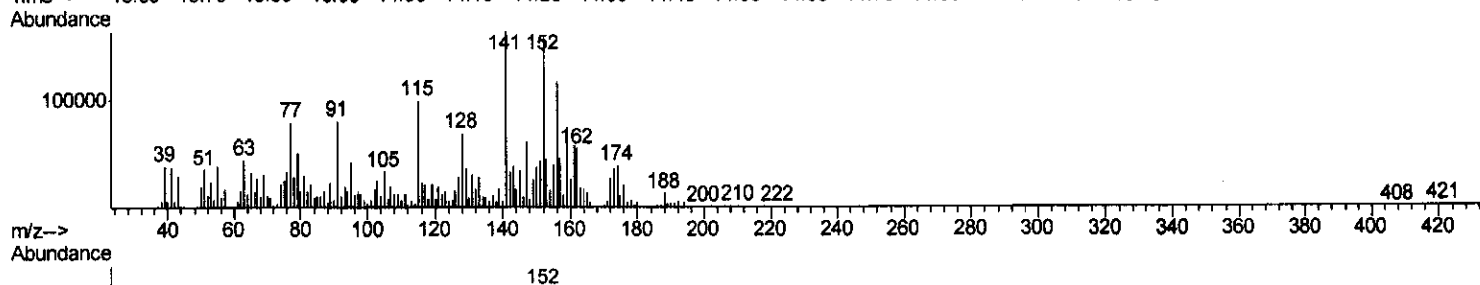
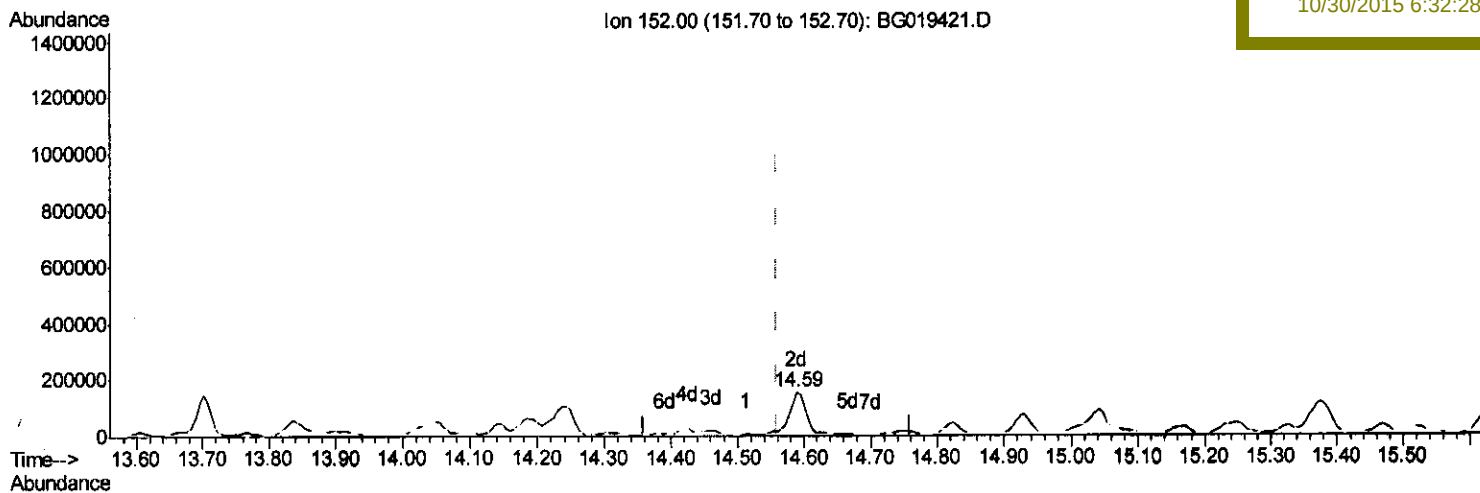
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Manual Integrations
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Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration



(48) Acenaphthylene

14.589min (+0.030) 20.37ng/ul m U.M
 response 256794 10/31/15

Ion	Exp%	Act%
152.00	100	100
151.00	21.10	27.19#
153.00	13.50	28.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

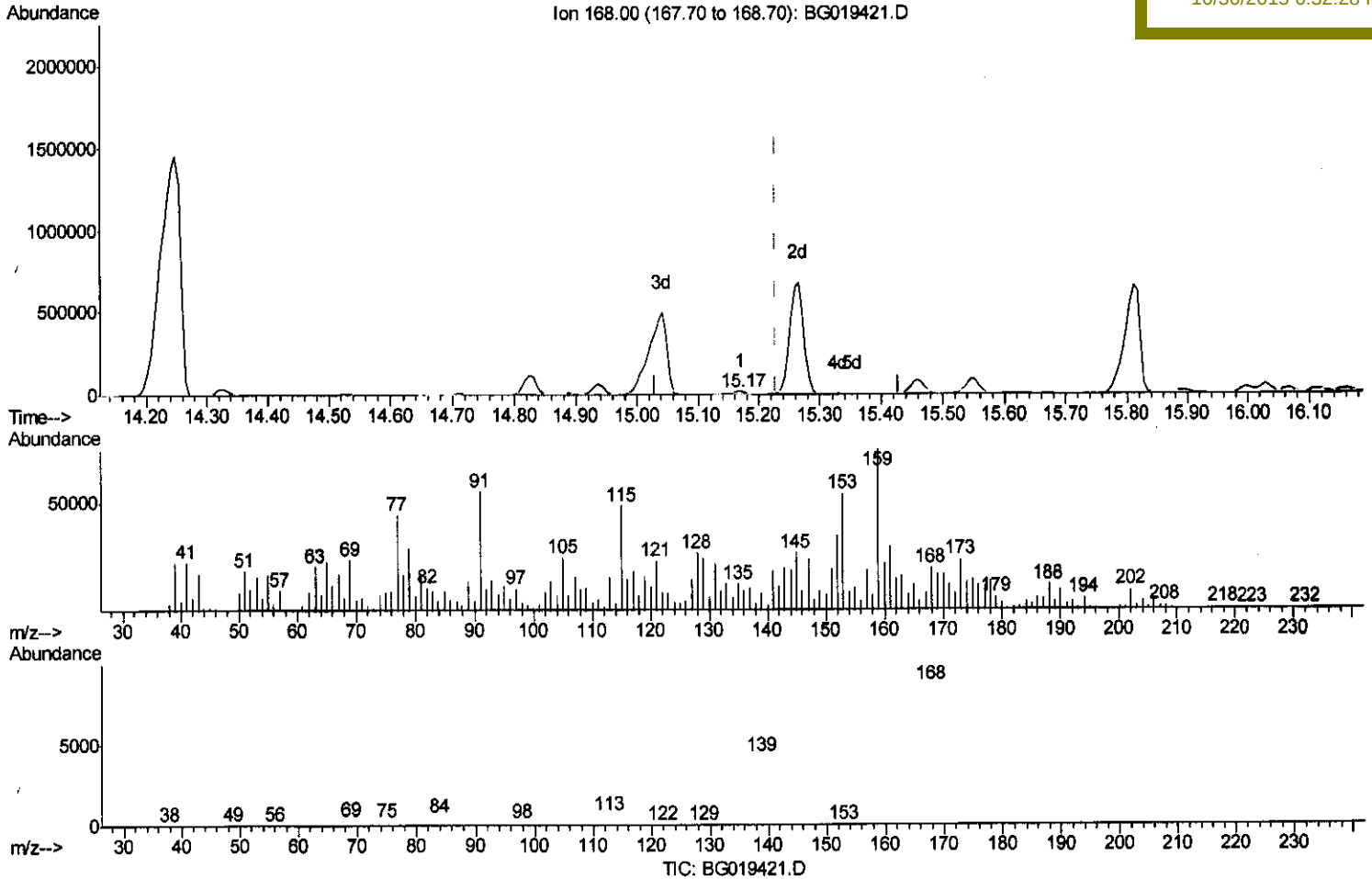
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(54) Dibenzofuran

15.171min (-0.058) 63.07ng/ul

response 29880

Ion	Exp%	Act%
168.00	100	100
139.00	40.50	41.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

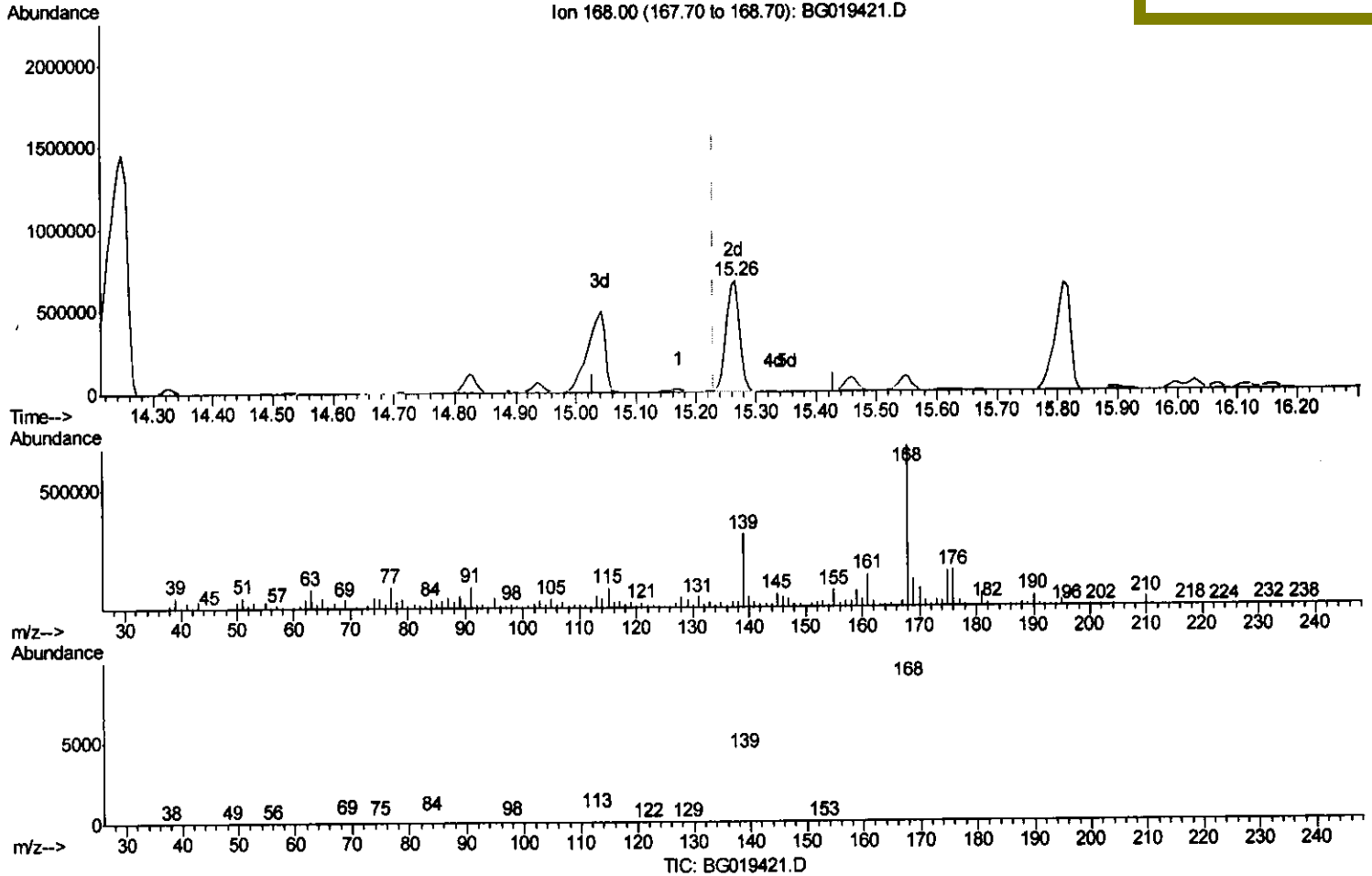
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(54) Dibenzo(f,h)quinoxaline

15.265min (+0.036) 86.12ng/ul m

response 1079676

Ion	Exp%	Act%
168.00	100	100
139.00	40.50	45.74
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

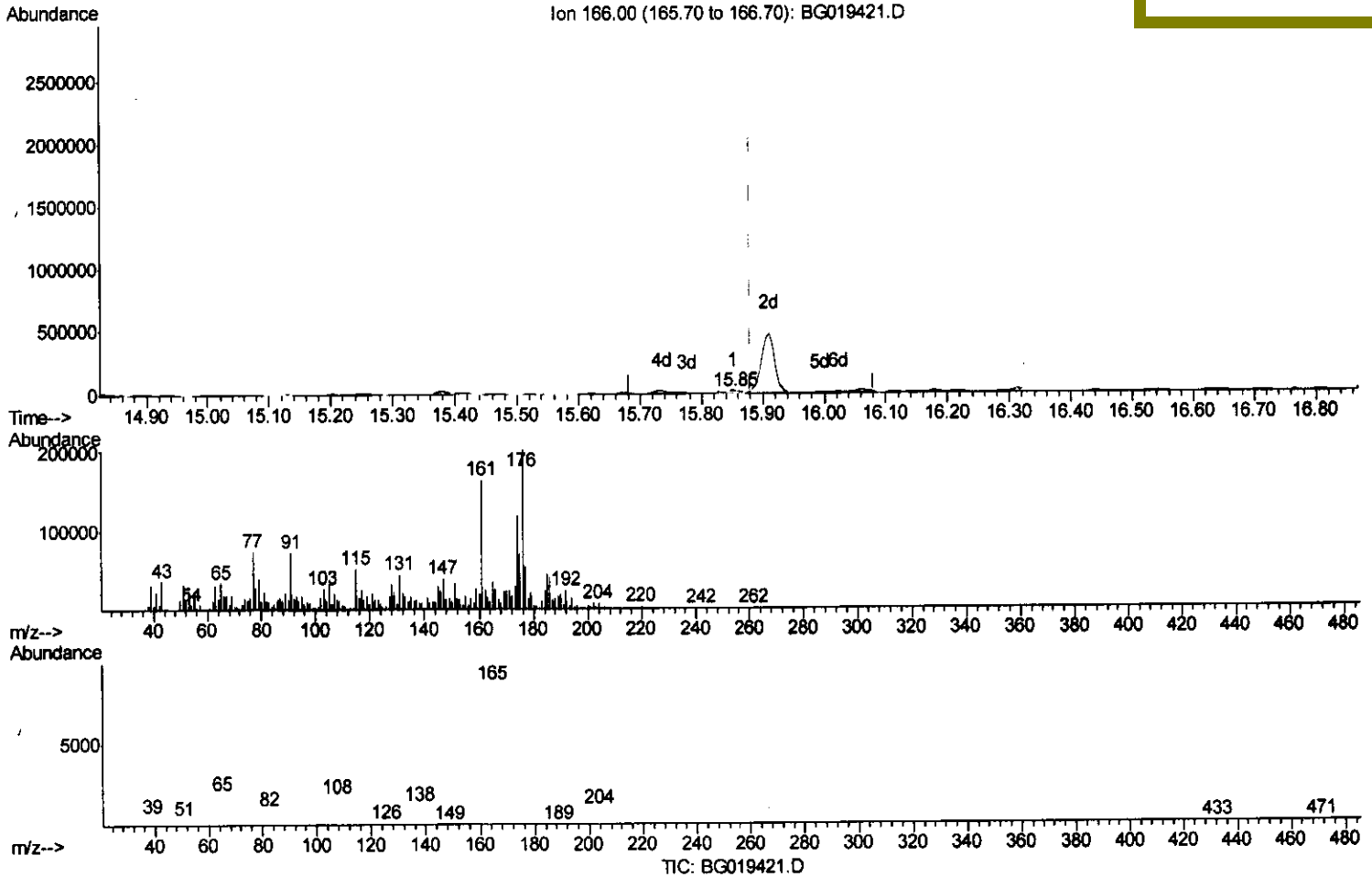
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial. : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(59) Fluorene

15.852min (-0.029) 125.09ng/ul

response 51692

Ion	Exp%	Act%
166.00	100	100
165.00	97.00	141.74#
167.00	12.00	51.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

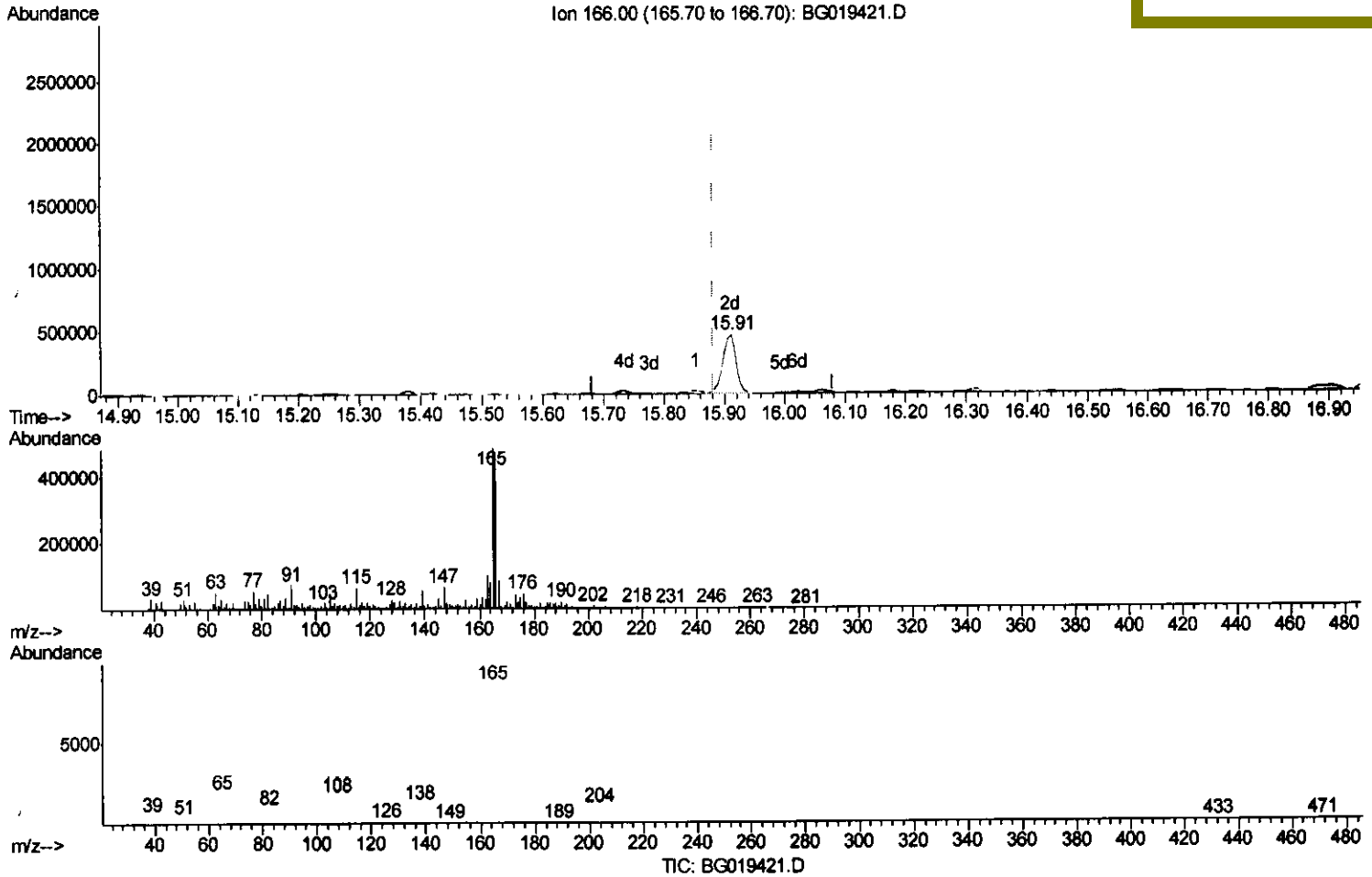
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(59) Fluorene

15.911min (+0.030) 69.50ng/ul m U.M

response 760044

Ion	Exp%	Act%
166.00	100	100
165.00	97.00	102.45
167.00	12.00	17.78#
0.00	0.00	0.00

10/31/15

Quantitation Report (Qedit)

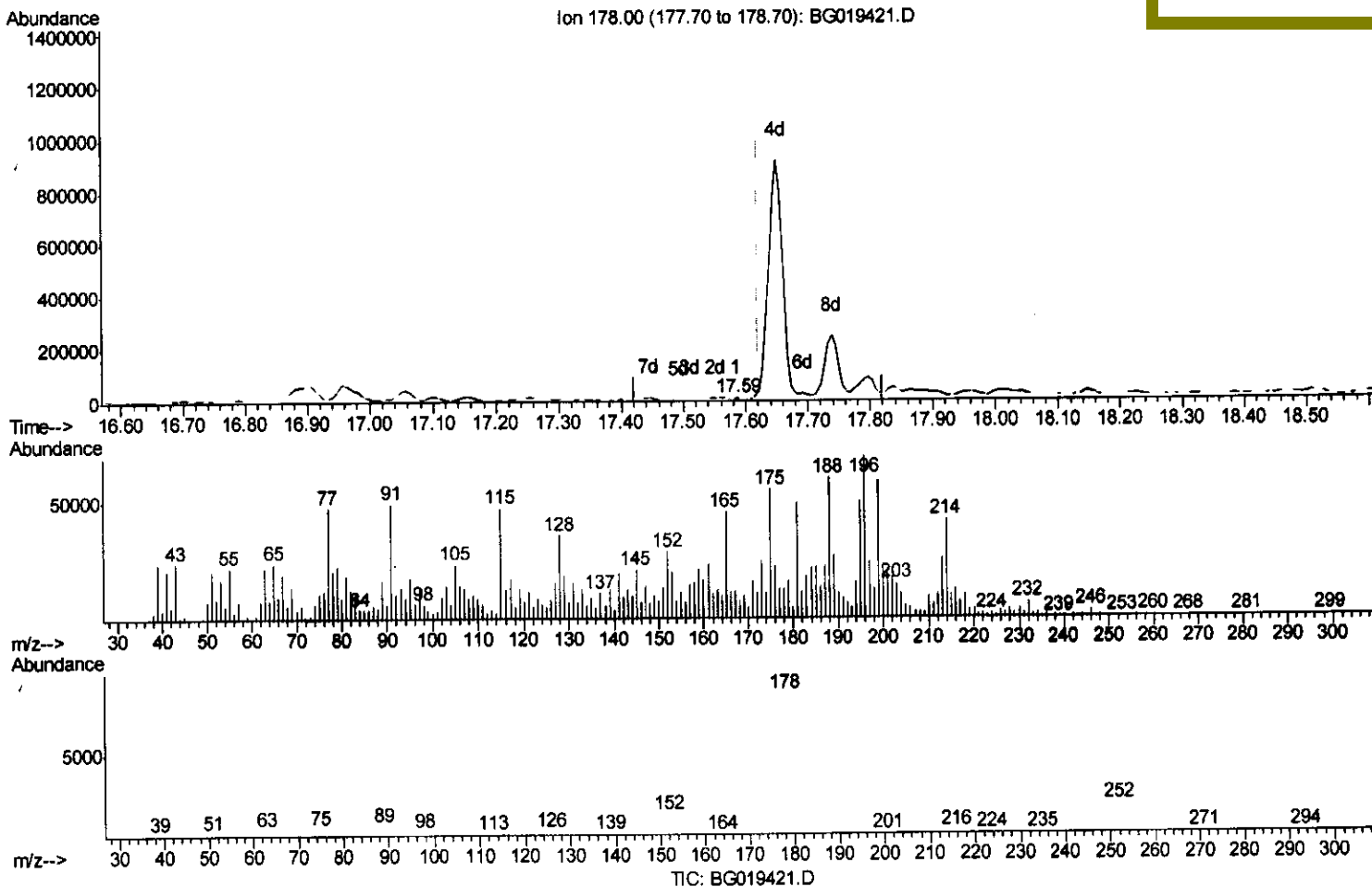
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK7

Quant Time: Oct 30 14:06:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Manual Integrations
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Mmdadoda
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(70) Phenanthrene

17.585min (-0.035) 0.73ng/ul

response 4081

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	125.16#
176.00	17.90	173.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

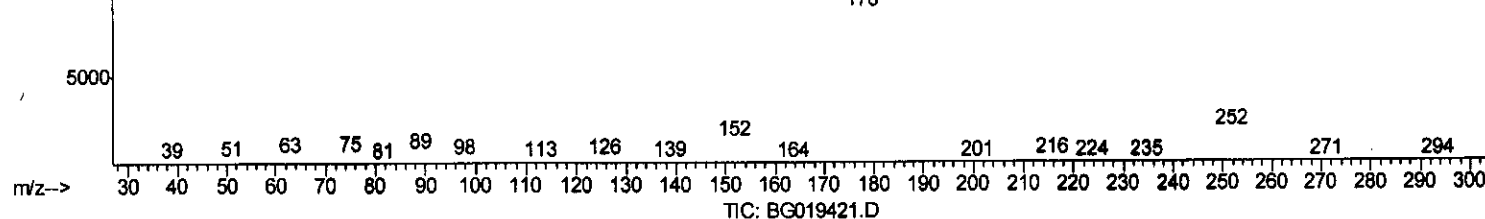
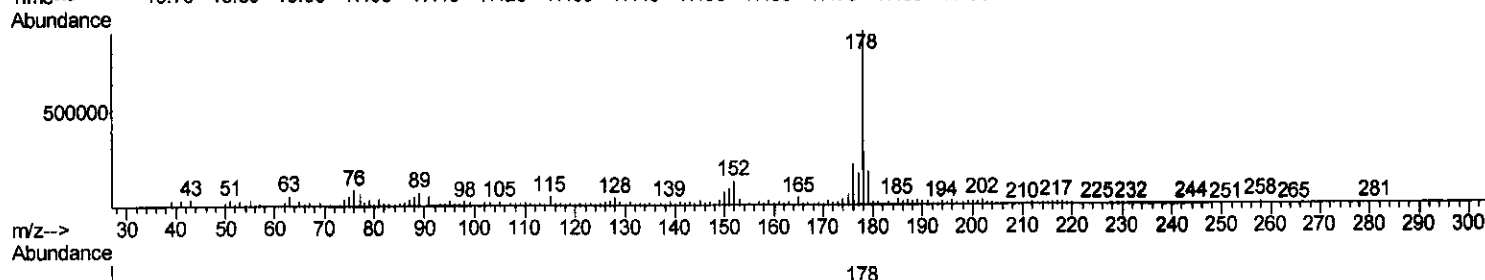
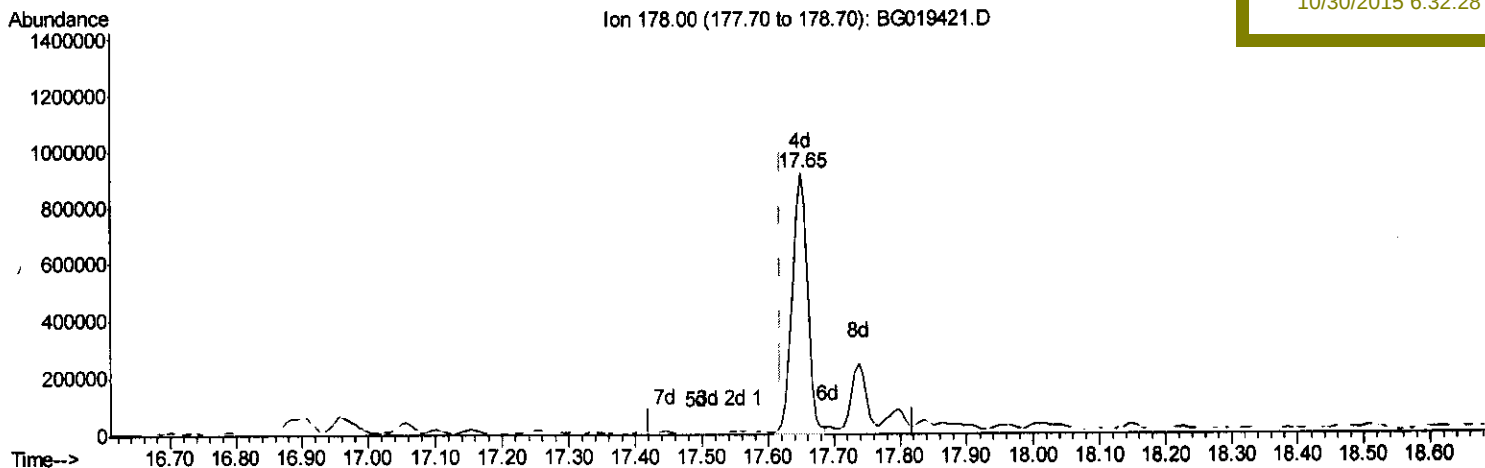
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019421.D
Acq On : 29 Oct 2015 17:28
Operator : UM/NP
Sample : G3996-18
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 30 12:19:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK7

Manual Integrations
APPROVED

Mmdadoda
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(70) Phenanthrene

17.650min (+0.030) 92.04ng/ul m

response 1495697

Ion	Exp%	Act%
178.00	100	100
179.00	15.70	19.33#
176.00	17.90	23.42#
0.00	0.00	0.00

U.M
10/31/15

Quantitation Report (Qedit)

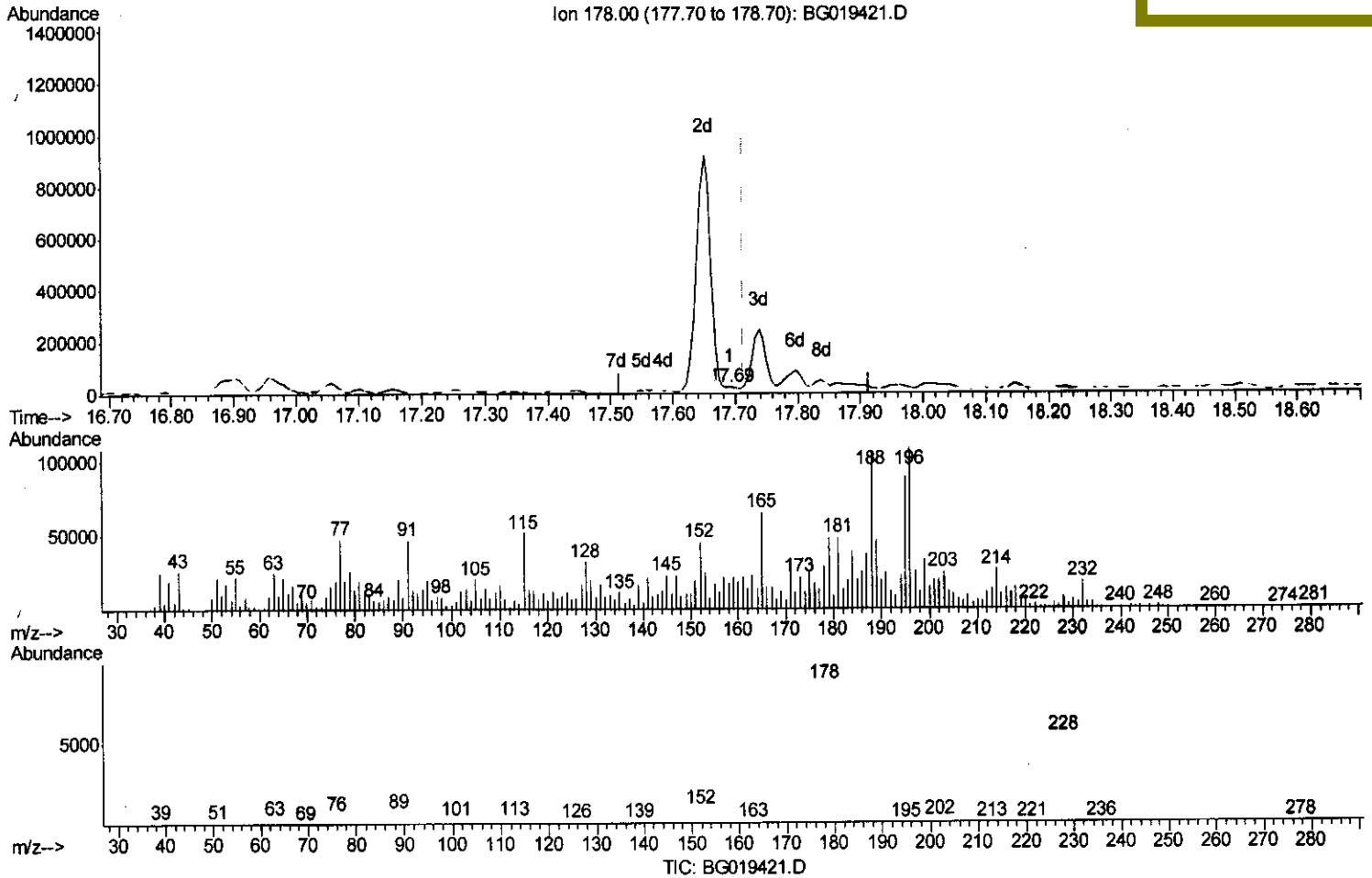
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(72) Anthracene

17.691min (-0.023) 1.01ng/ul

response 5756

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	164.88#
176.00	17.80	60.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

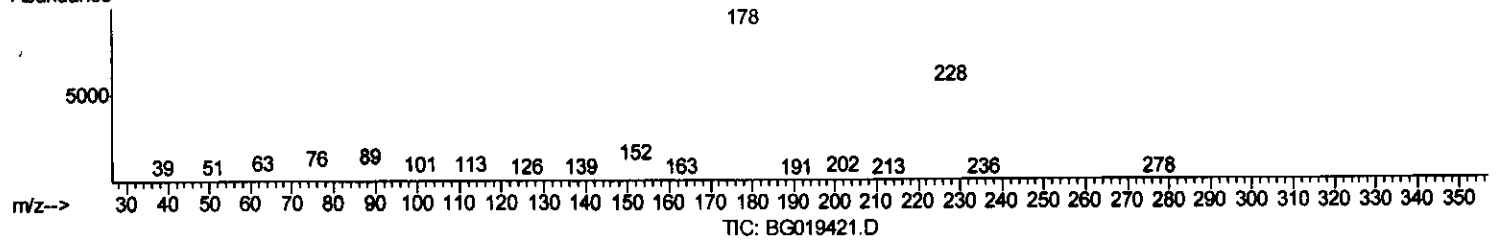
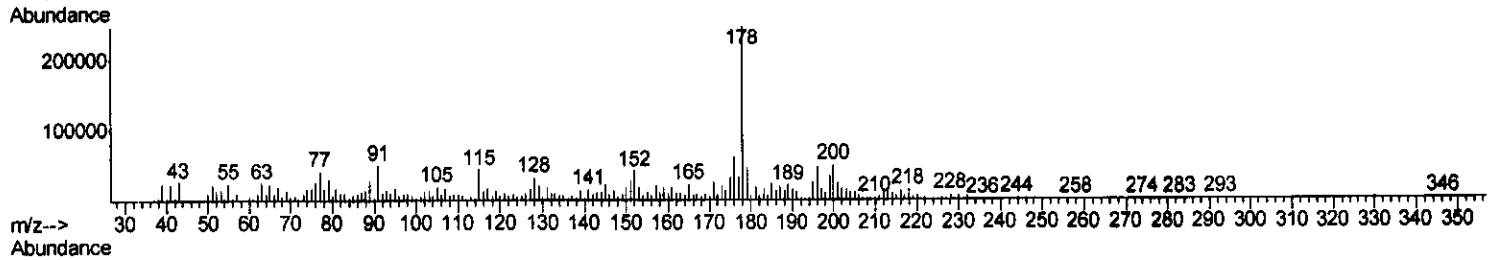
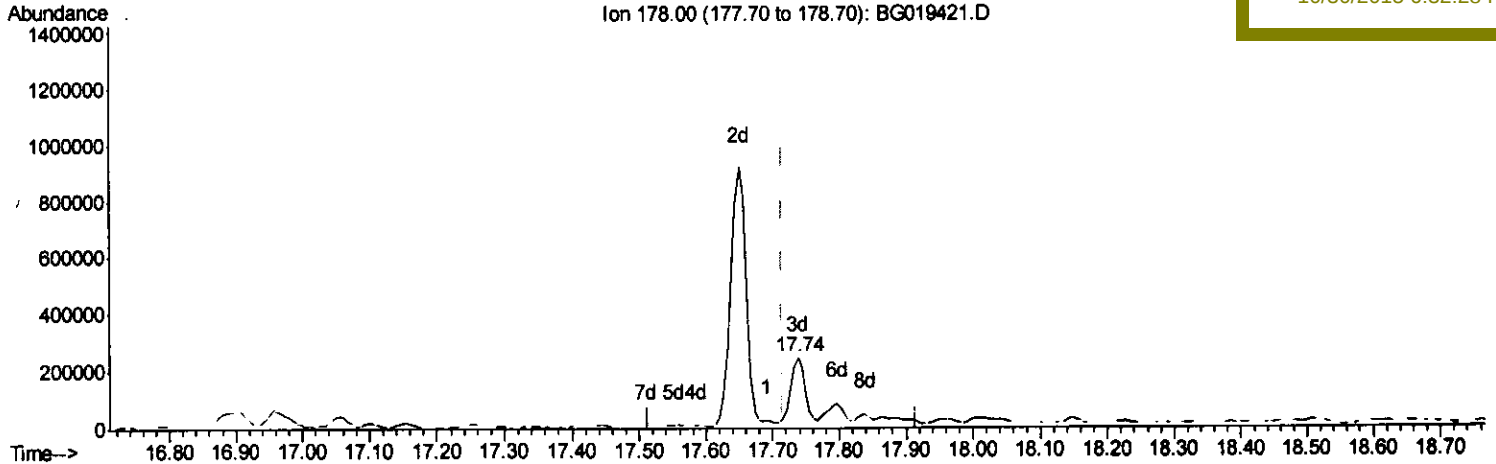
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Manual Integrations
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Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration



(72) Anthracene

17.738min (+0.024) 21.78ng/ul m

response 360724

Ion	Exp%	Act%
178.00	100	100
179.00	14.50	18.57#
176.00	17.80	24.61#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

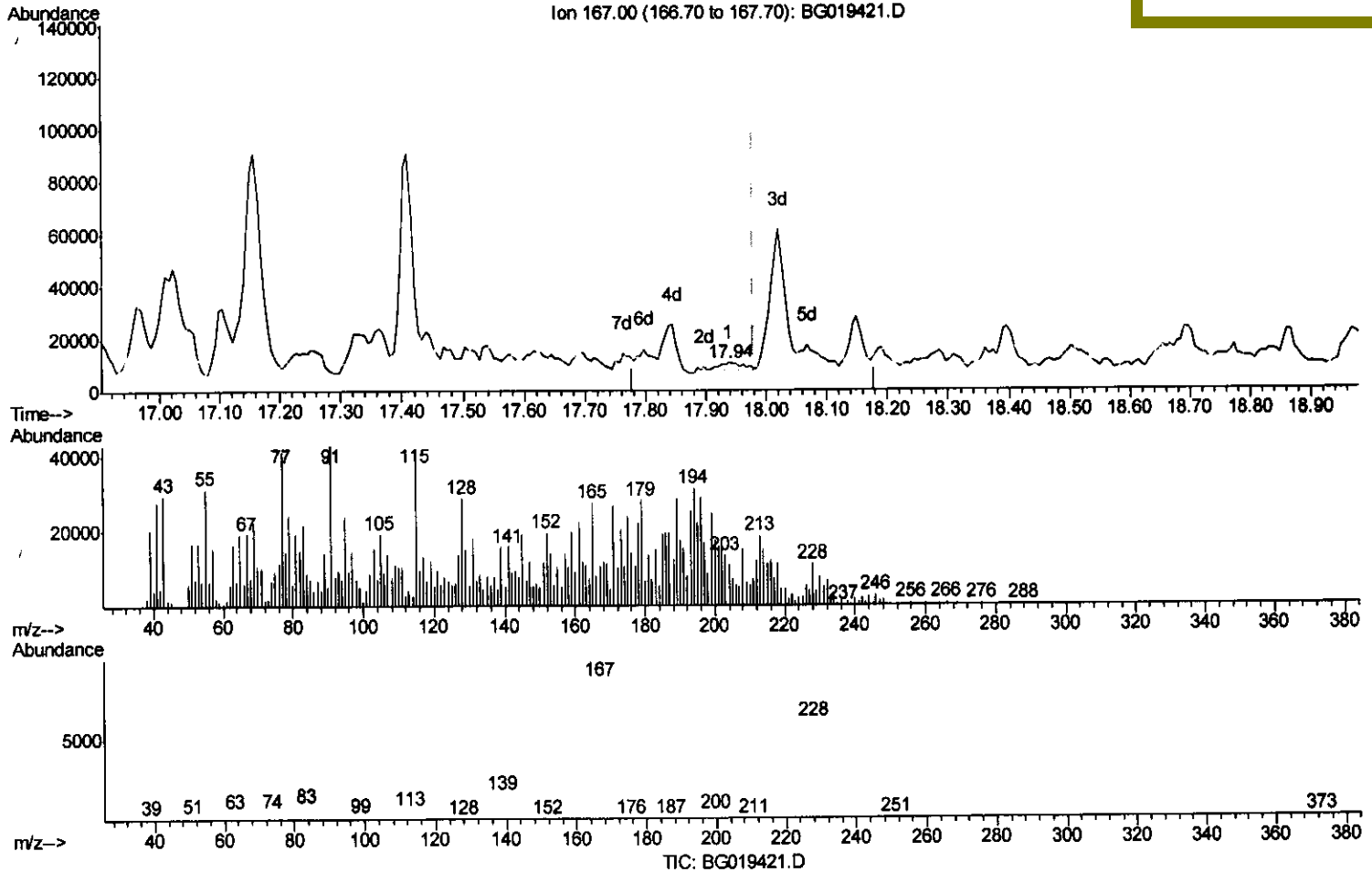
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(75) Carbazole

17.938min (-0.041) 1.78ng/ul

response 8103

Ion	Exp%	Act%
167.00	100	100
166.00	21.00	75.80#
139.00	12.20	145.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

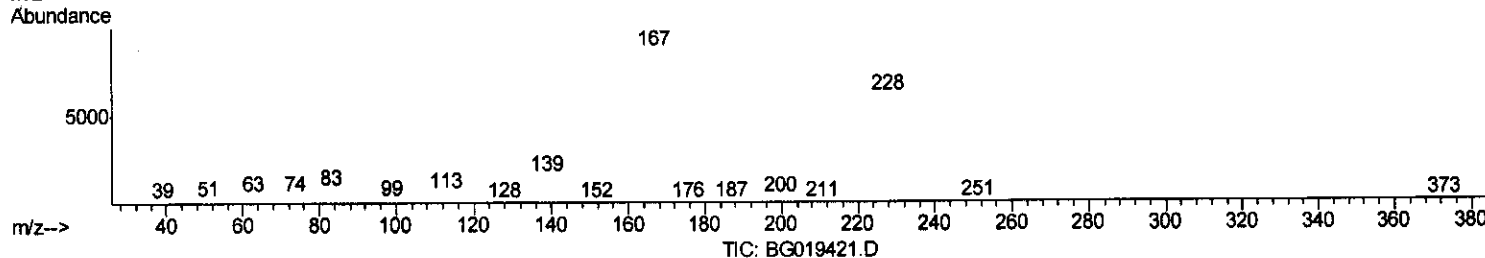
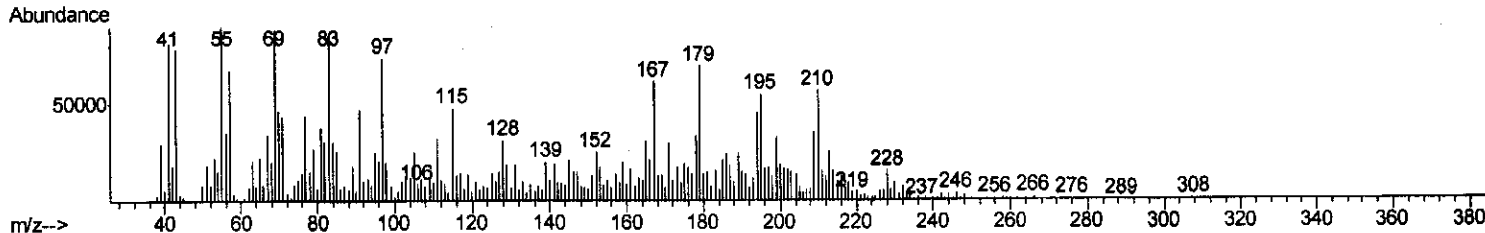
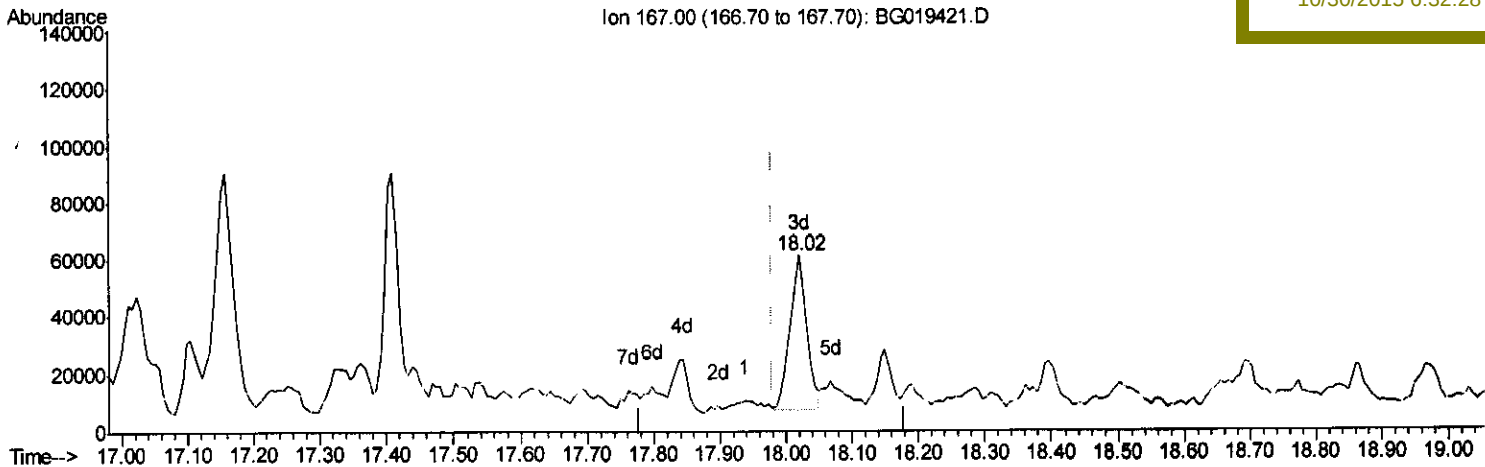
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(75) Carbazole

18.020min (+0.042) 7.27ng/ul m

response 96107

Ion	Exp%	Act%
167.00	100	100
166.00	21.00	34.61#
139.00	12.20	32.68#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

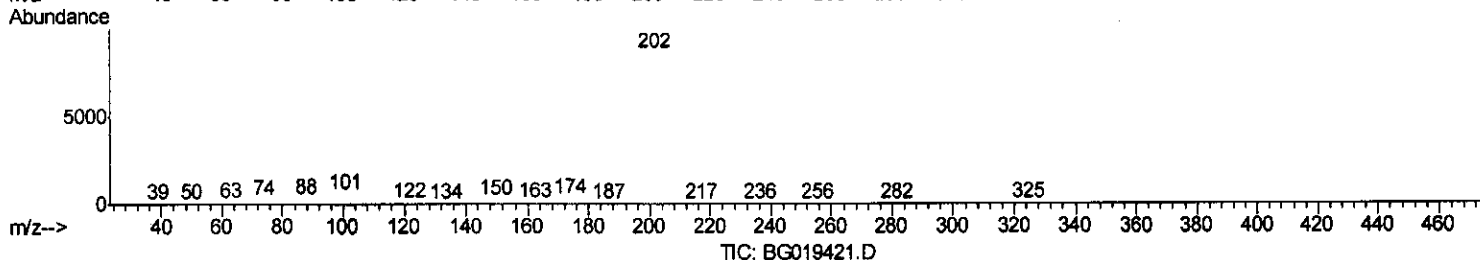
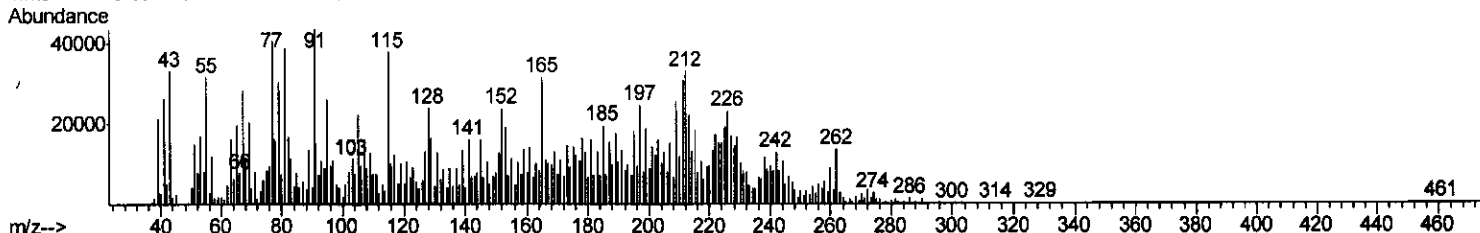
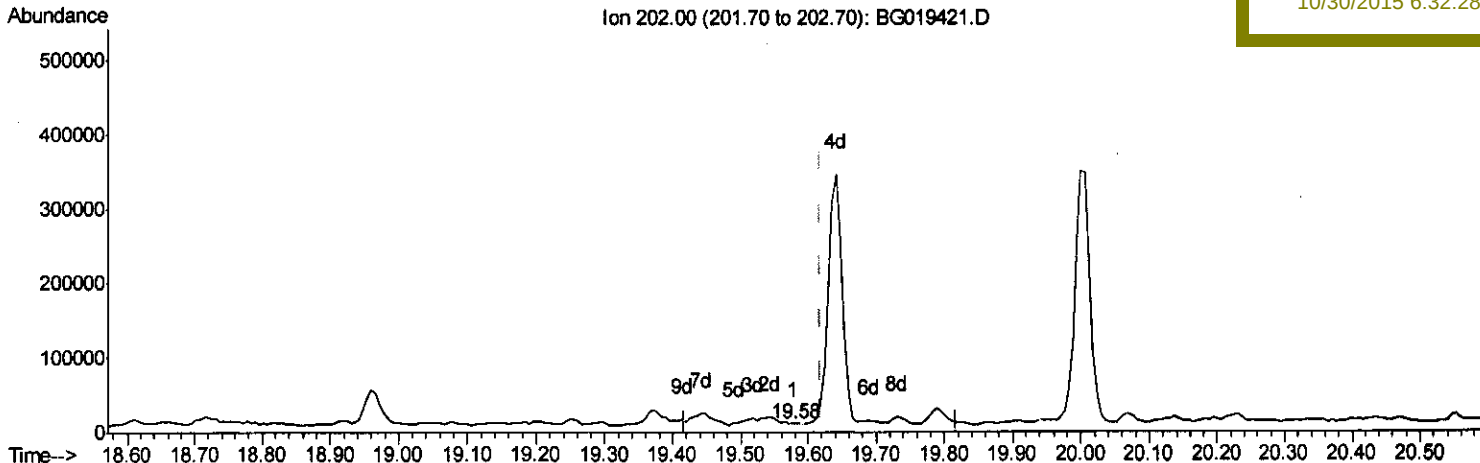
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(77) Fluoranthene (C)

19.577min (-0.041) 0.18ng/ul

response 1287

Ion	Exp%	Act%
202.00	100	100
101.00	5.00	39.24#
100.00	4.50	16.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

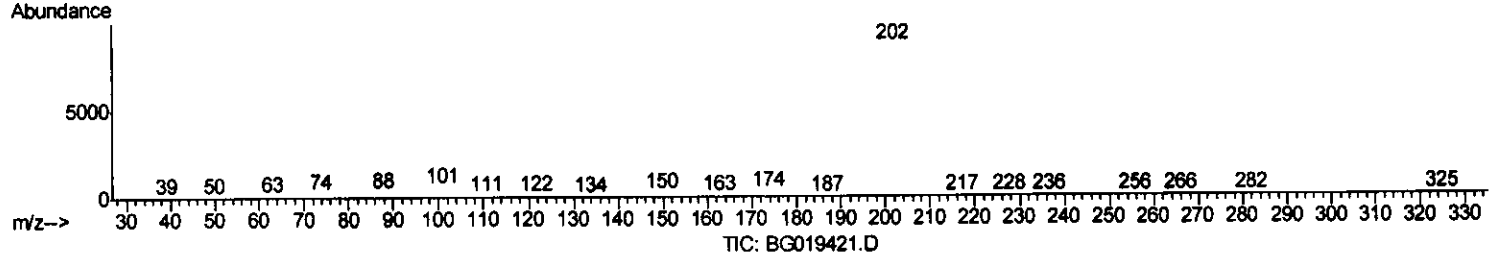
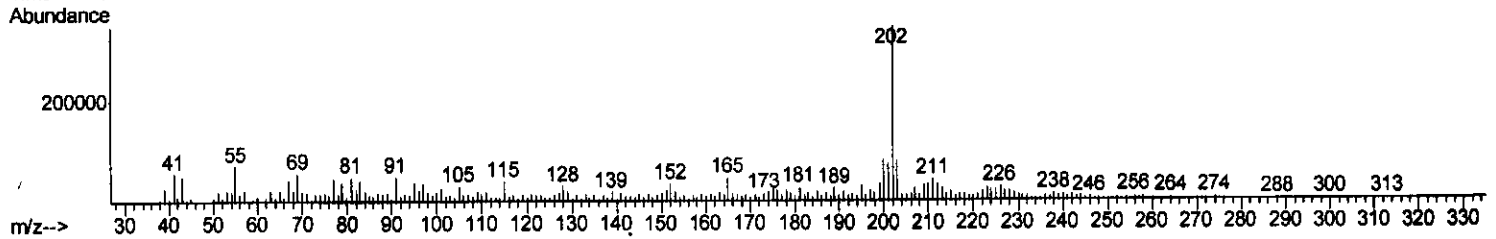
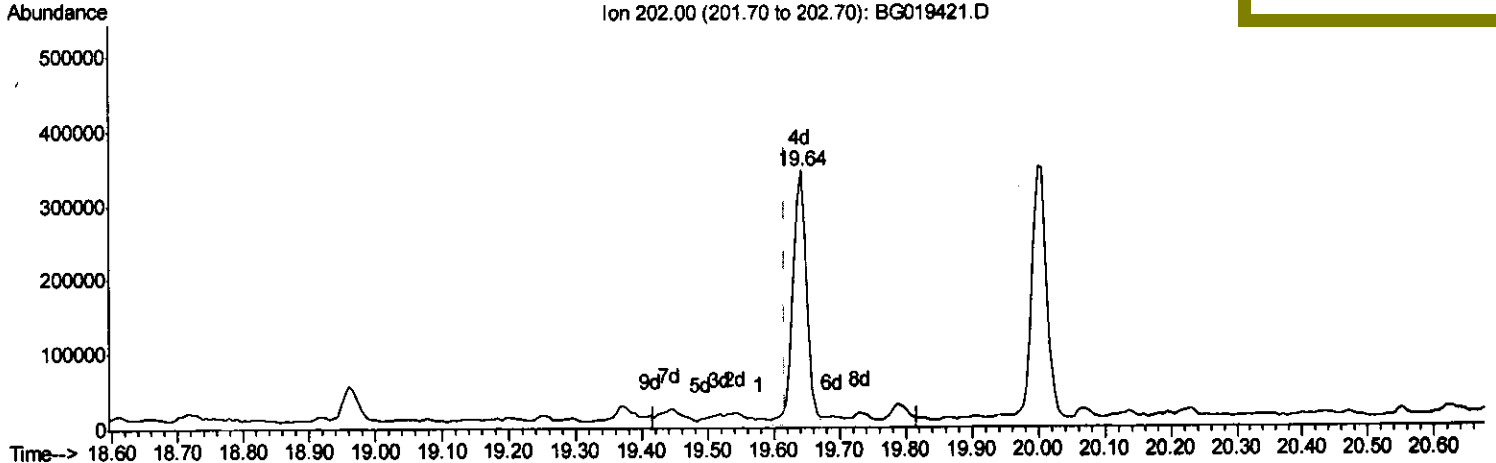
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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 10/30/2015 6:32:28 PM



(77) Fluoranthene (C)

19.642min (+0.024) 24.15ng/ul m U.M
 response 508109
 10/31/15

Ion	Exp%	Act%
202.00	100	100
101.00	5.00	7.68#
100.00	4.50	5.24
0.00	0.00	0.00

Quantitation Report (Qedit)

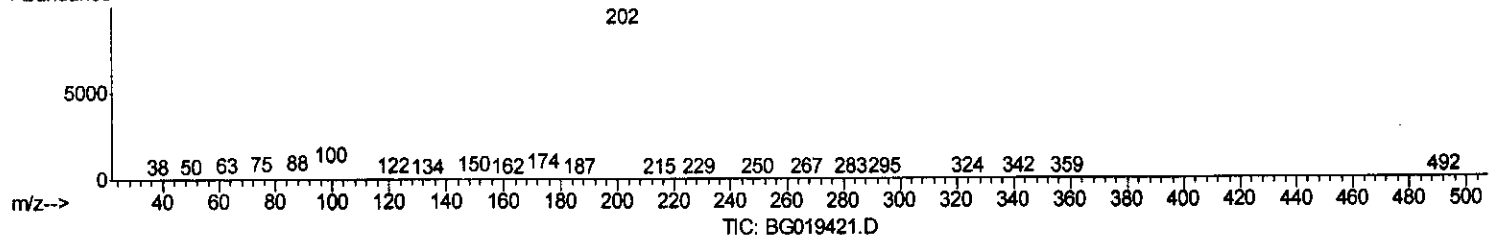
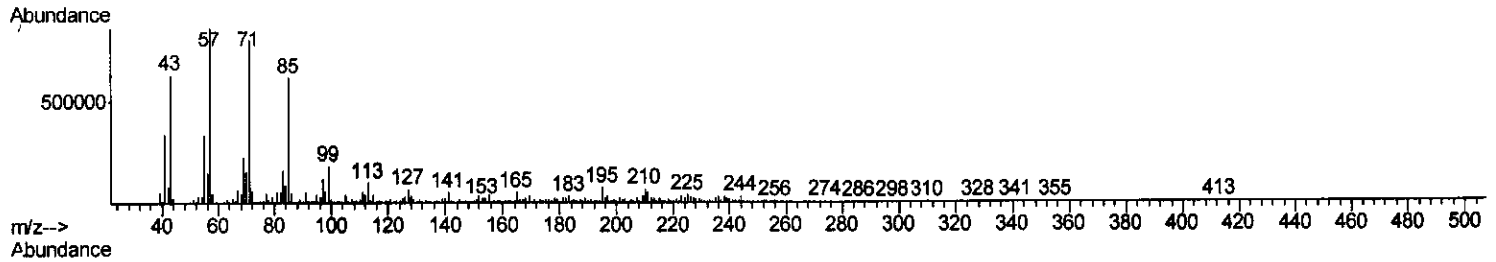
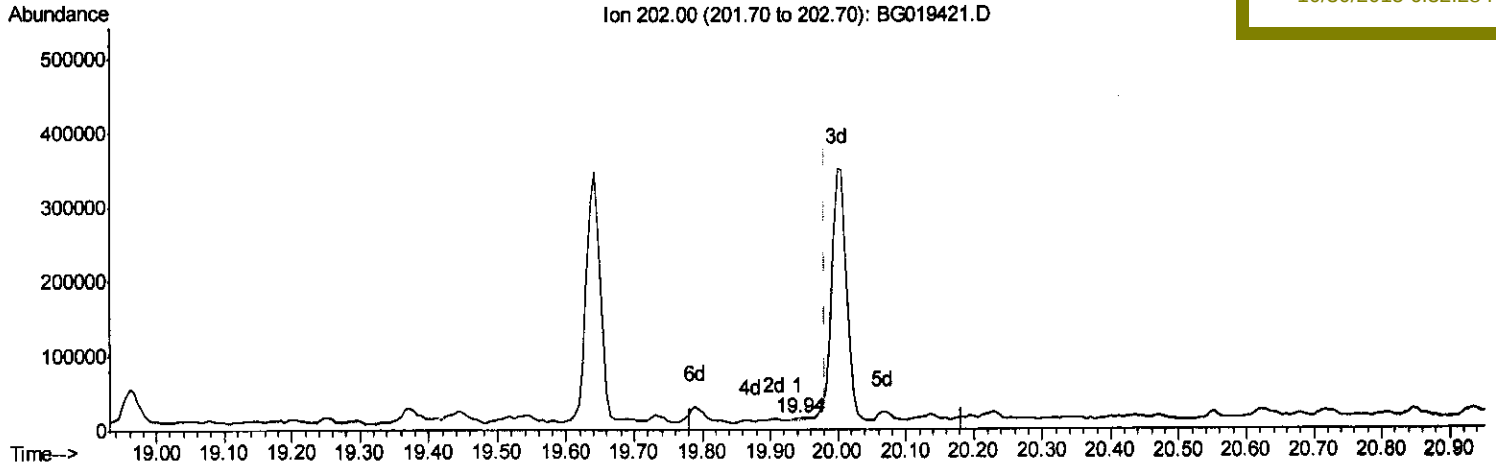
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

19.941min (-0.041) 12.12ng/ul

response 4672

Ion	Exp%	Act%
202.00	100	100
101.00	5.40	44.90#
100.00	4.50	96.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

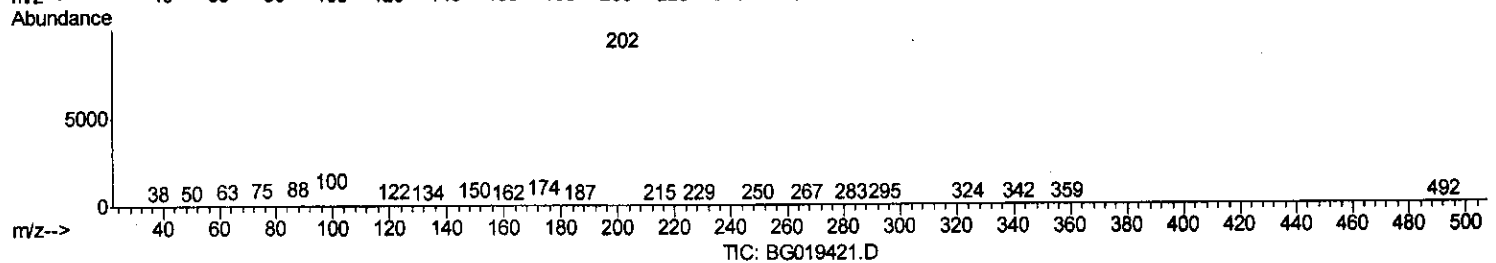
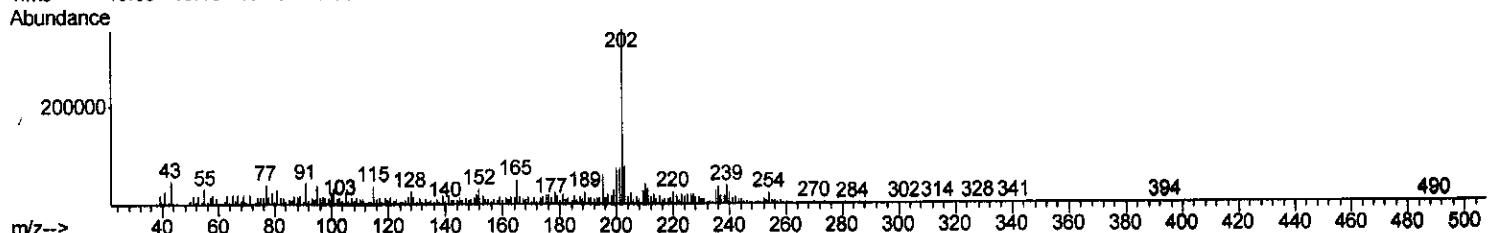
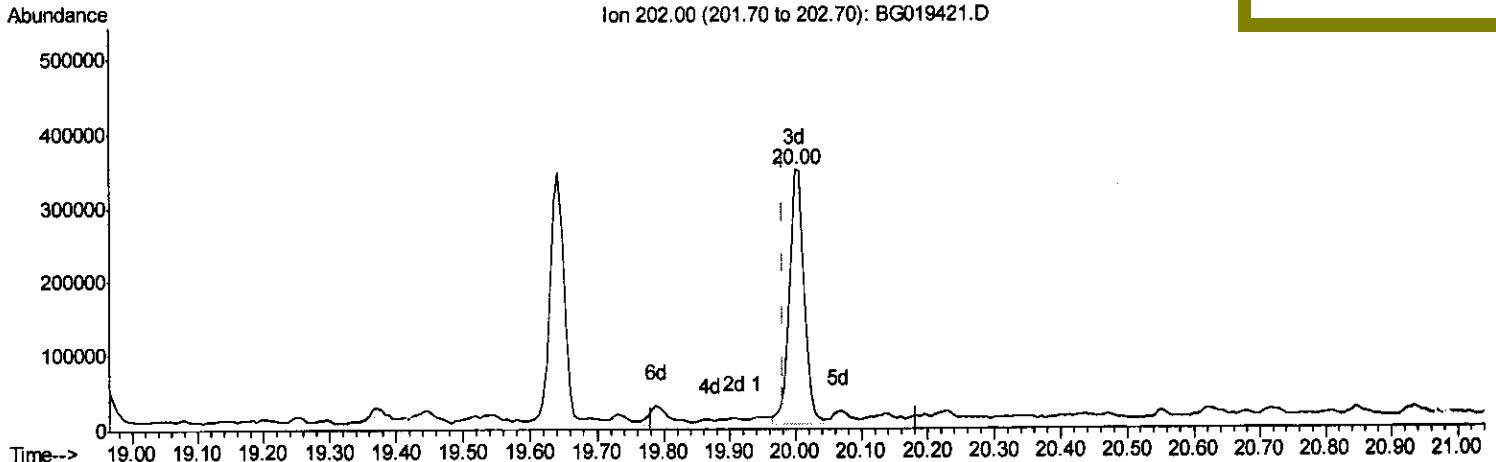
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

20.000min (+0.018) 24.26ng/ul m

response 541725

U.M
 10/31/15

Ion	Exp%	Act%
202.00	100	100
101.00	5.40	8.72#
100.00	4.50	6.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

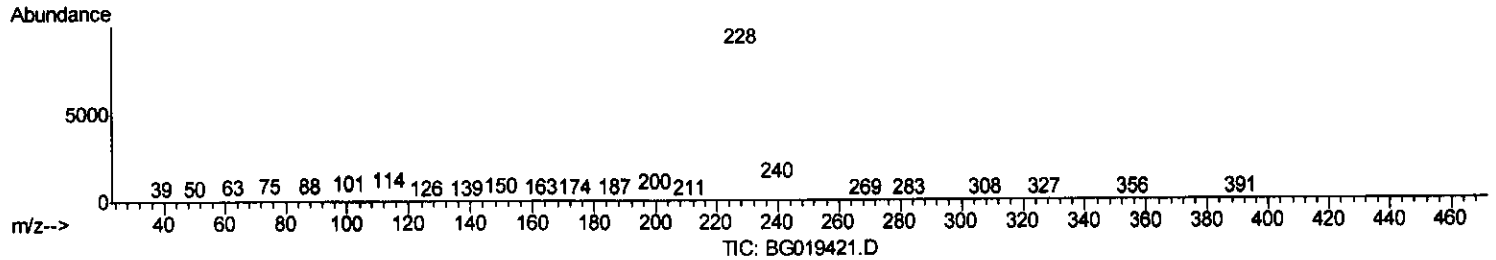
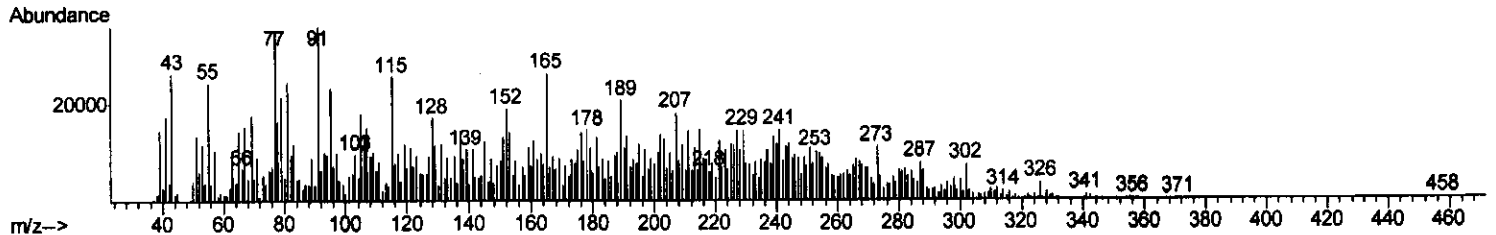
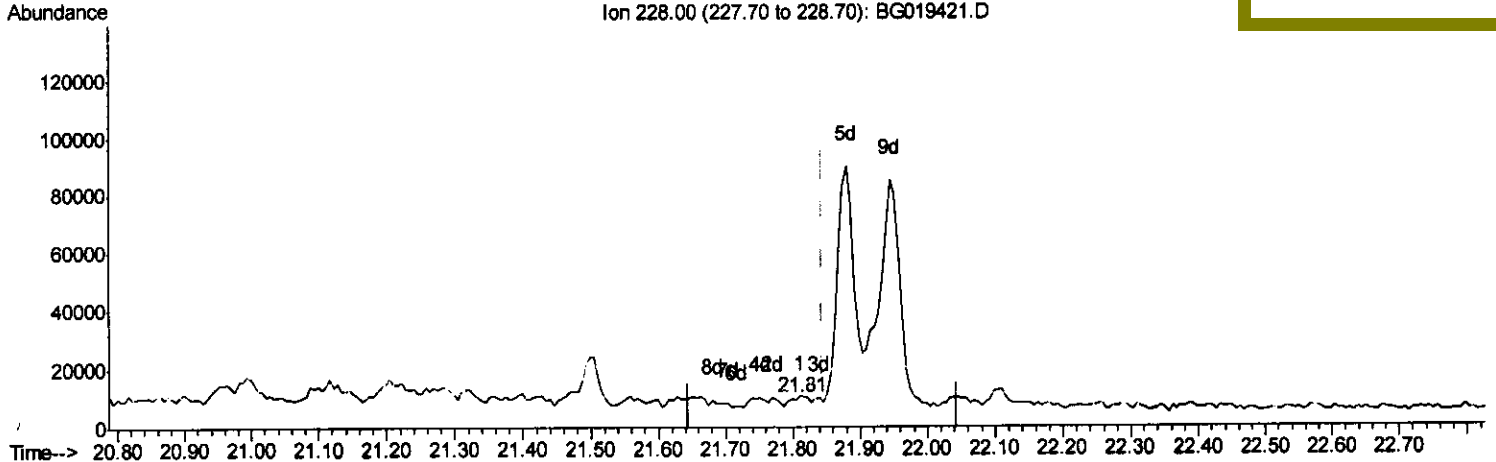
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(83) Benzo(a)anthracene

21.810min (-0.035) 13.60ng/ul

response 5441

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	136.81#
226.00	27.20	107.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

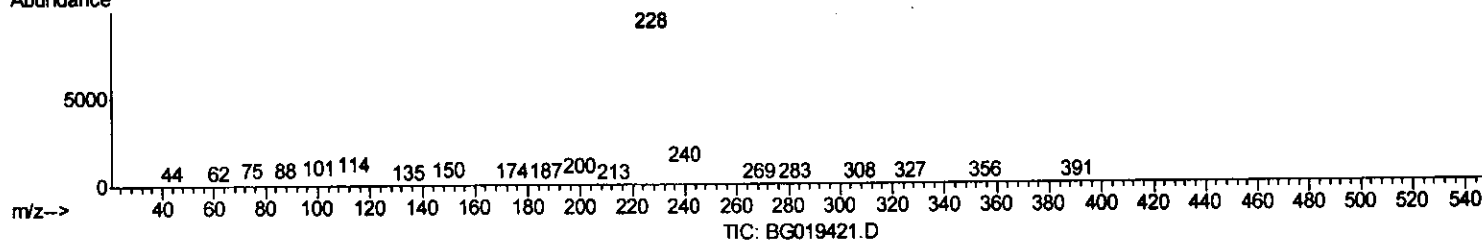
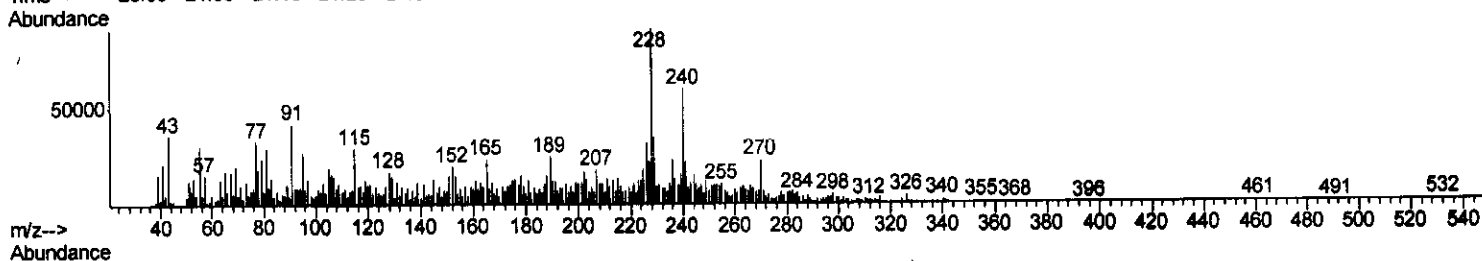
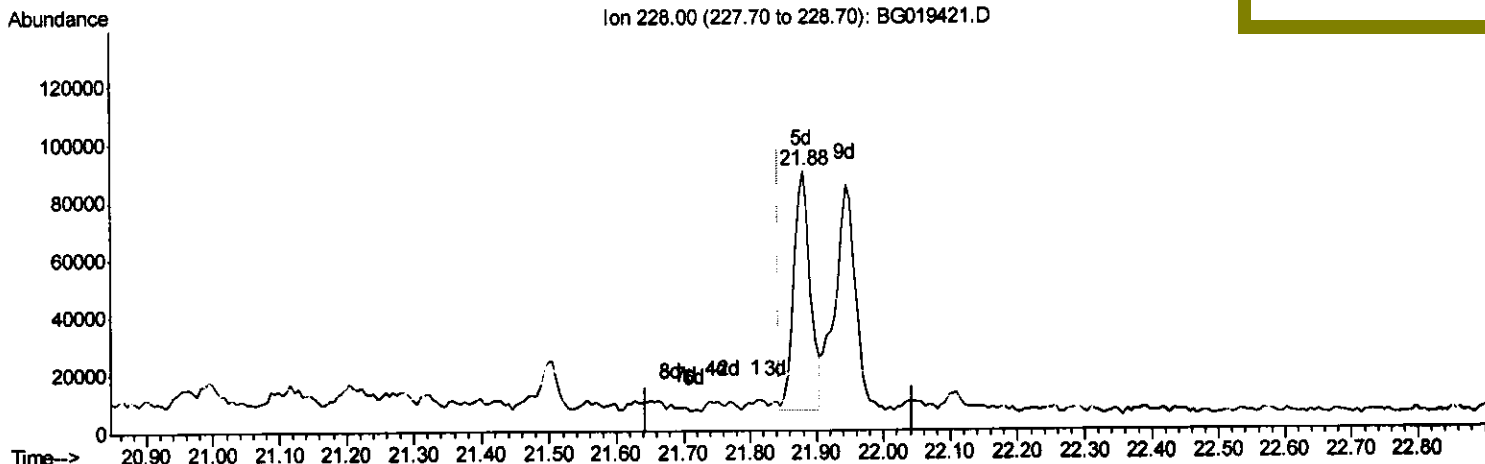
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(83) Benzo(a)anthracene

21.880min (+0.036) 6.28ng/ul m

response 145481

Ion	Exp%	Act%
228.00	100	100
229.00	19.80	38.21#
226.00	27.20	34.84#
0.00	0.00	0.00

U.M
 10/31/15

Quantitation Report (Qedit)

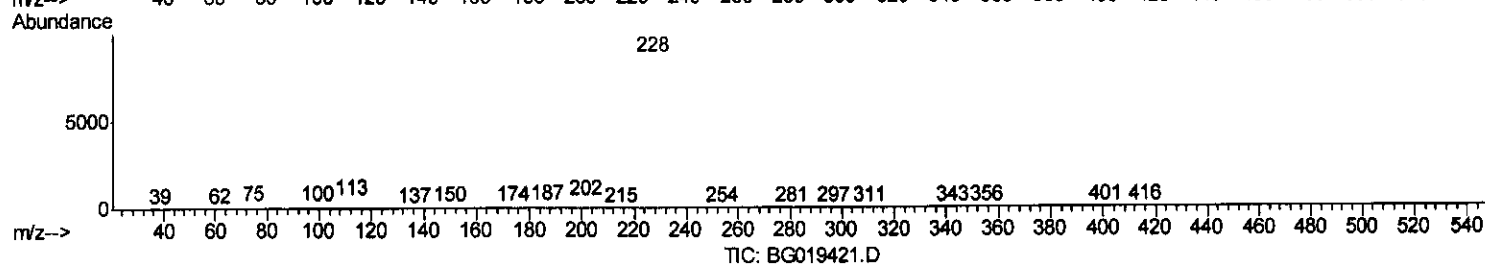
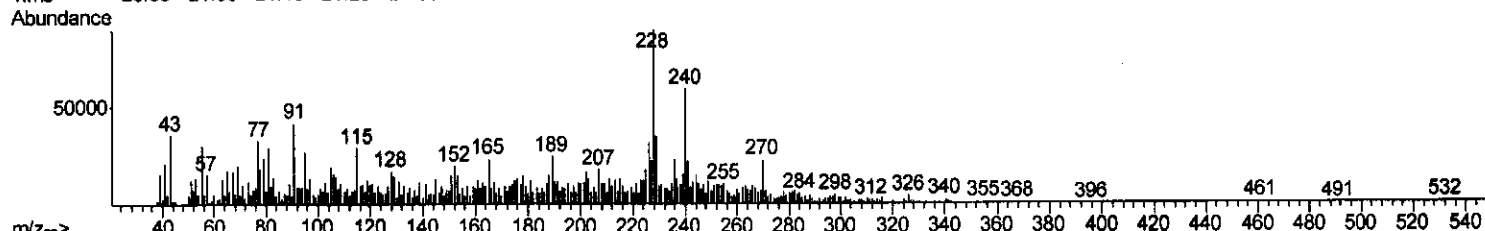
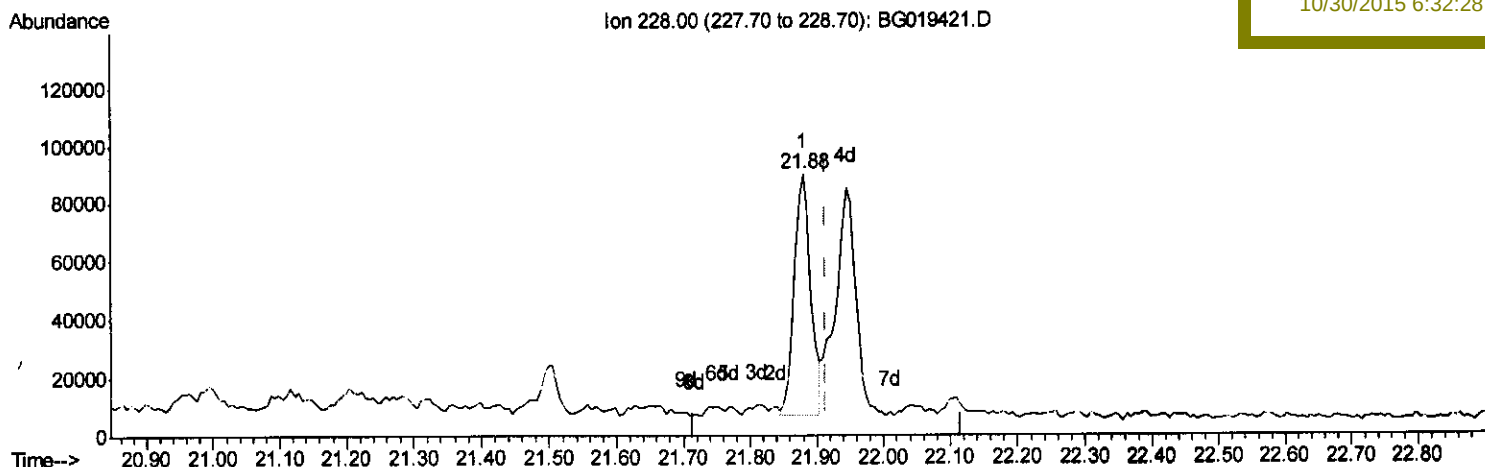
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLK7

Quant Time: Oct 30 14:06:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(85) Chrysene

21.880min (-0.035) 386.81ng/ul

response 145169

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	34.84
229.00	21.60	38.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

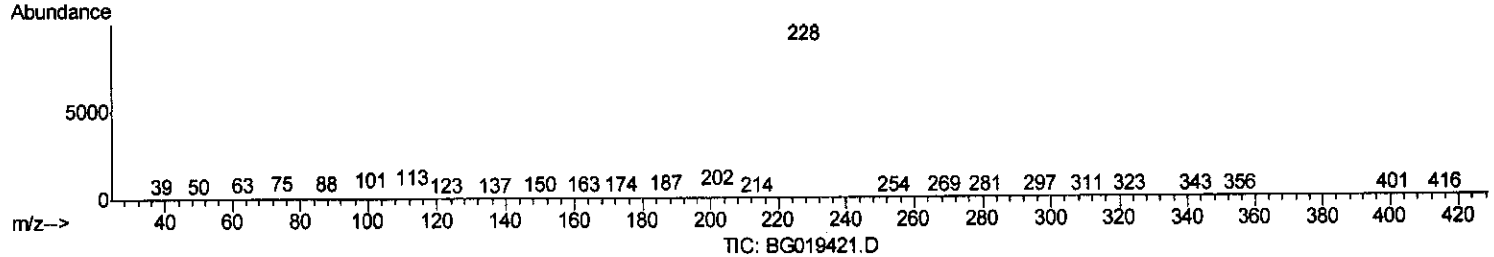
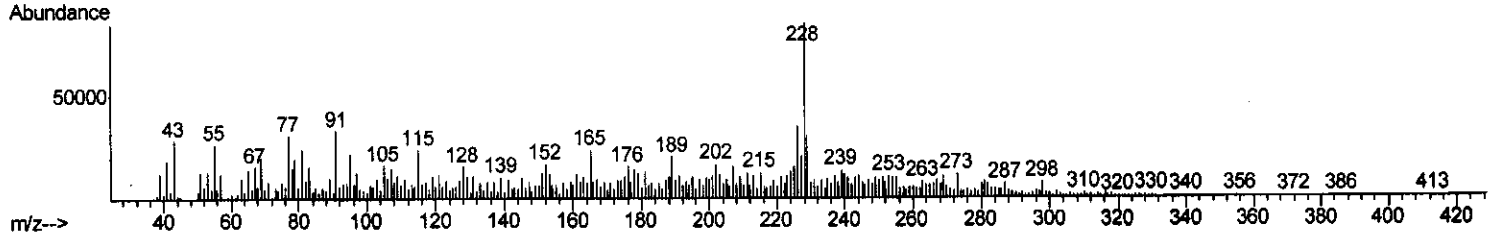
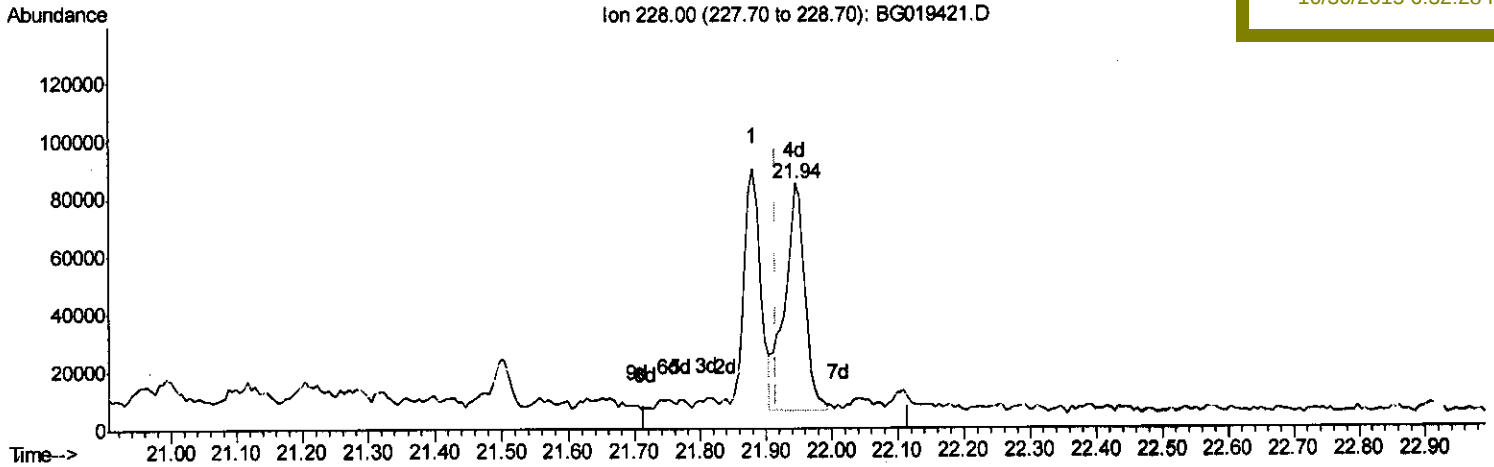
Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Manual Integrations
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(85) Chrysene

21.945min (+0.030) 7.75ng/ul m

response 168561

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	41.02#
229.00	21.60	35.93#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
 Data File : BG019421.D
 Acq On : 29 Oct 2015 17:28
 Operator : UM/NP
 Sample : G3996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 E5LK7

Quant Time: Oct 30 12:19:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 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	8.21	152	46748	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	189323m	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.86	164	134753m	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.60	188	321972m	20.00	ng/ul	0.02
78) Chrysene-d12	21.90	240	397942m	20.00	ng/ul	0.03
86) Perylene-d12	25.31	264	359600	20.00	ng/ul	0.06

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	19176	19.65	ng/uL	0.00
5) Phenol-d5	7.39	99	78360m	18.26	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.53	67	52004	19.12	ng/ul	0.01
9) 2-Chlorophenol-d4	7.75	132	47650	17.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.97	113	48104m	14.07	ng/ul	0.05
19) Nitrobenzene-d5	9.42	128	35600m	25.59	ng/ul	0.04
22) 2-Nitrophenol-d4	10.13	143	30016m	18.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.72	165	61315	17.11	ng/ul	0.07
29) 4-Chloroaniline-d4	11.16	131	140557m	38.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	180713m	16.27	ng/ul	0.06
47) Acenaphthylene-d8	14.57	160	243046m	19.75	ng/ul	0.04
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.85	176	295755m	28.77	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.89	200	851	0.41	ng/ul	-0.04
71) Anthracene-d10	17.70	188	294139m	20.04	ng/ul	0.03
79) Pyrene-d10	19.98	212	317883m	18.25	ng/ul	0.02
90) Benzo(a)pyrene-d12	25.07	264	334052	18.51	ng/ul	0.05

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 10/31/15

Target Compounds

					Qvalue
6) Phenol	7.43	94	2360231	516.29	ng/ul 94
11) 2-Methylphenol	8.72	108	3506329	1037.06	ng/ul 95
14) Acetophenone	9.02	105	236730	41.26	ng/ul# 4
16) 4-Methylphenol	9.11	108	6804853	1843.13	ng/ul 96
24) 2,4-Dimethylphenol	10.29	107	6313872m	1288.49	ng/ul
28) Naphthalene	11.13	128	3751194m	396.00	ng/ul
34) 2-Methylnaphthalene	12.72	142	2181463	286.57	ng/ul 98
35) 1-Methylnaphthalene	12.94	142	1365293	189.56	ng/ul 100
41) 1,1'-Biphenyl	13.70	154	709177m	74.45	ng/ul
48) Acenaphthylene	14.59	152	256794m	20.37	ng/ul
50) Acenaphthene	14.92	153	220832	25.94	ng/ul 92
54) Dibenzofuran	15.26	168	1079676m	86.12	ng/ul
59) Fluorene	15.91	166	760044m	69.50	ng/ul
70) Phenanthrene	17.65	178	1495697m	92.04	ng/ul
72) Anthracene	17.74	178	360724m	21.78	ng/ul
75) Carbazole	18.02	167	96107m	7.27	ng/ul
77) Fluoranthene	19.64	202	508109m	24.15	ng/ul
80) Pyrene	20.00	202	541725m	24.26	ng/ul
83) Benzo(a)anthracene	21.88	228	145481m	6.28	ng/ul
85) Chrysene	21.94	228	168561m	7.75	ng/ul

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