

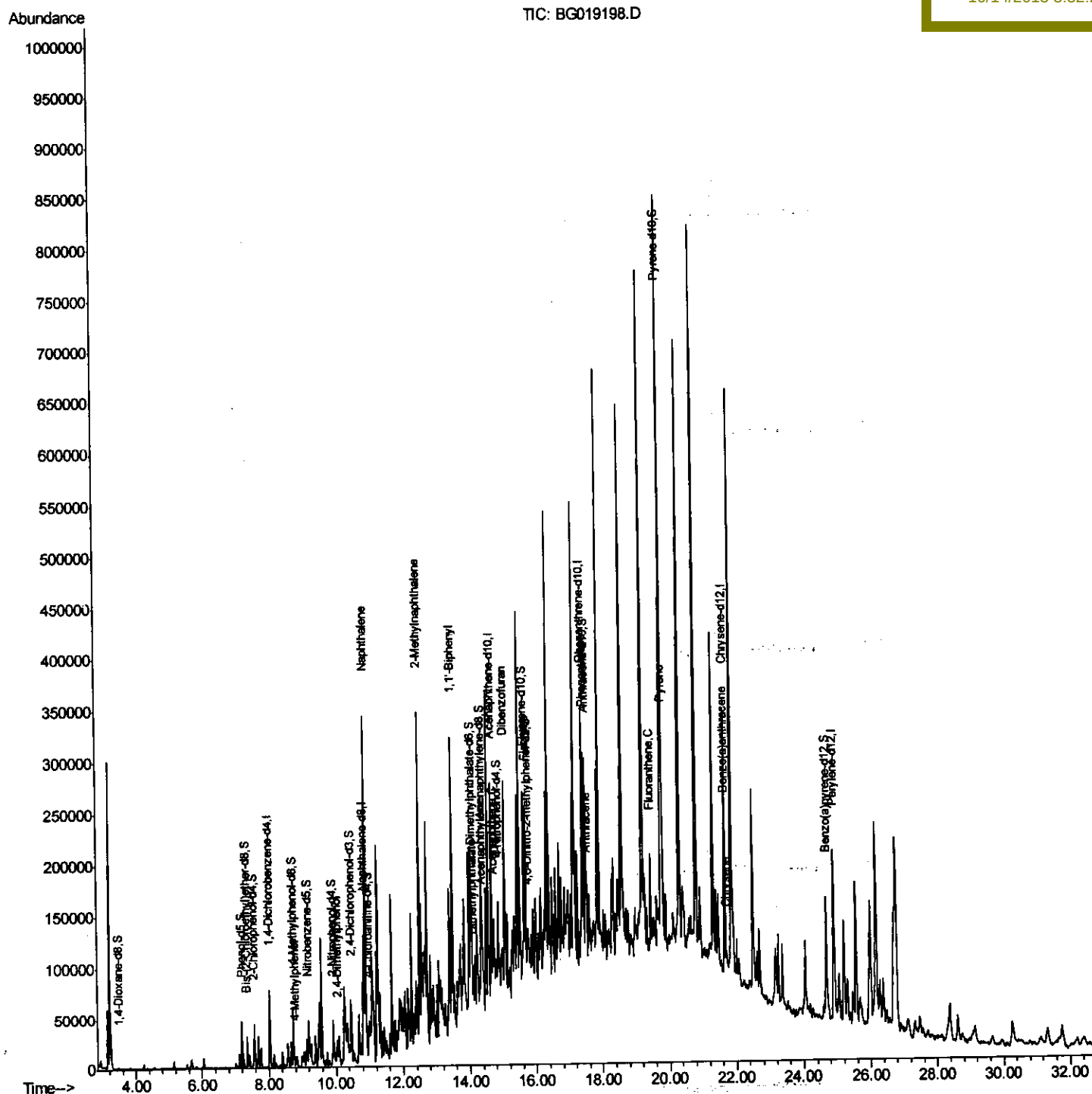
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
Data File : BG019198.D
Acq On : 14 Oct 2015 3:14
Operator : UM/NP
Sample : G3996-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 14:52:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM2.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 04:49:14 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LJ0

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:52:28 PM



Quantitation Report (Qedit)

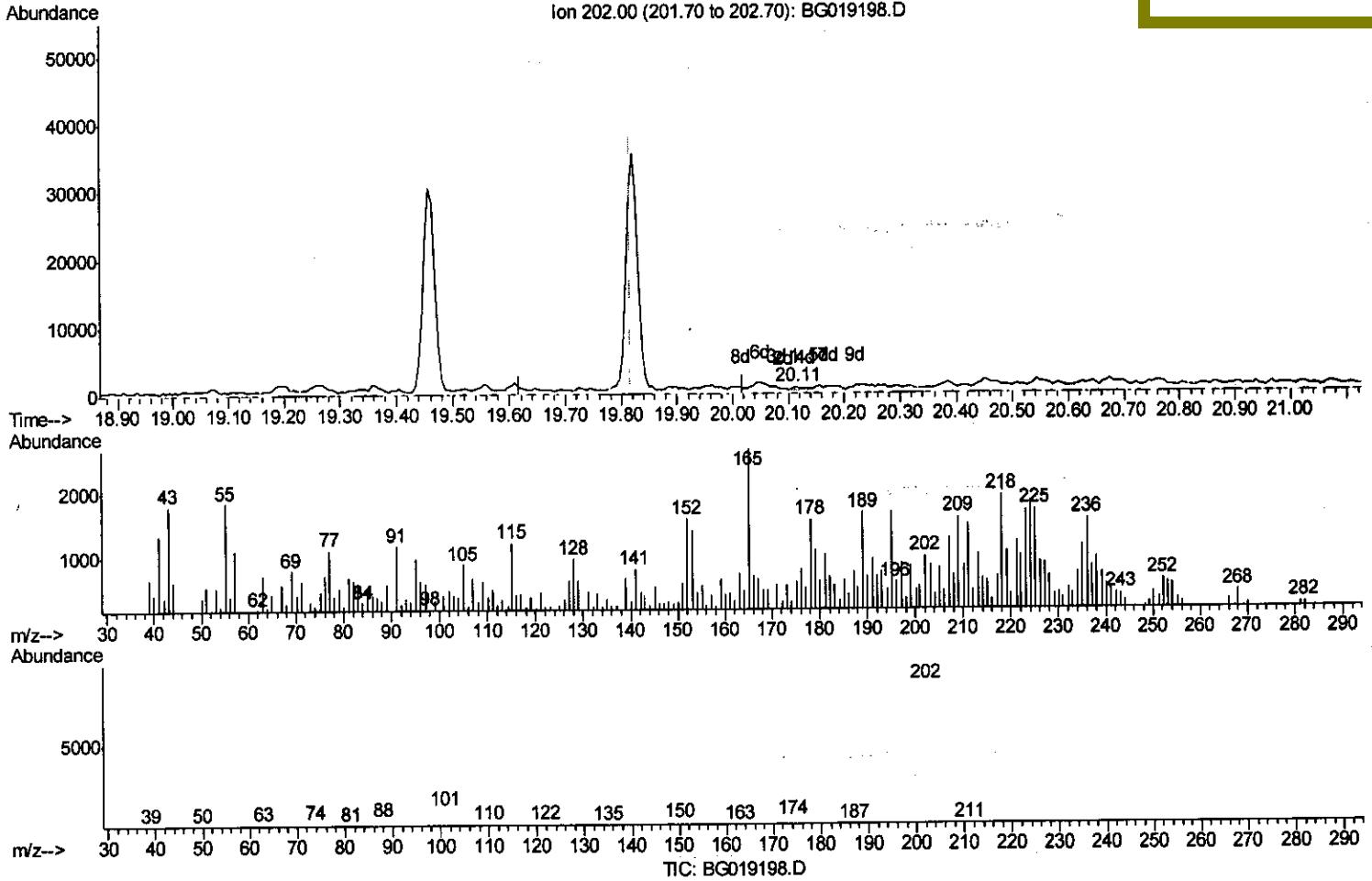
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJO

Quant Time: Oct 14 05:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(80) Pyrene

20.114min (+0.296) 0.05ng/ul

response 489

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	39.49#
100.00	10.60	17.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

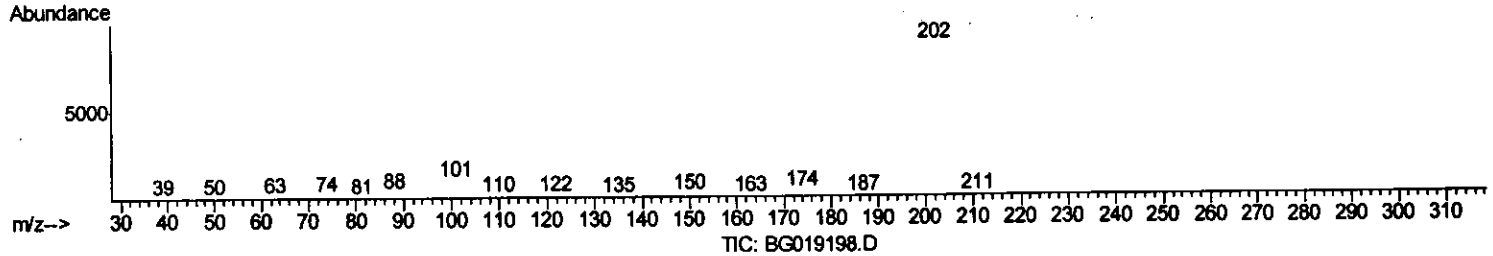
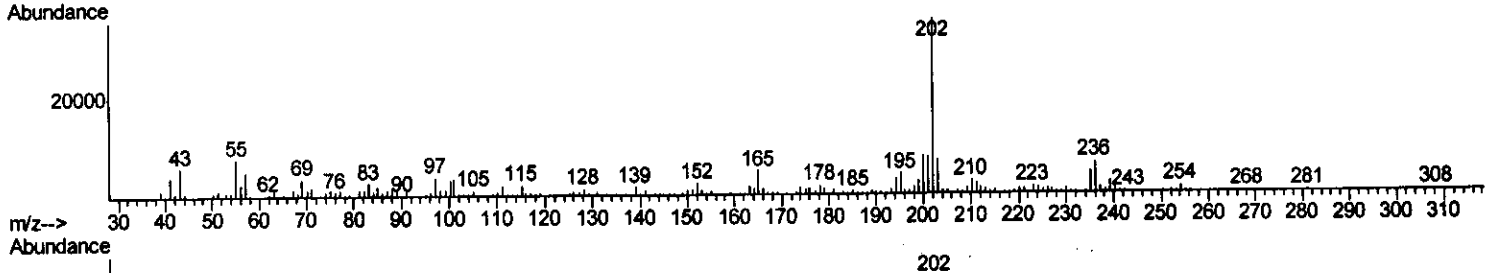
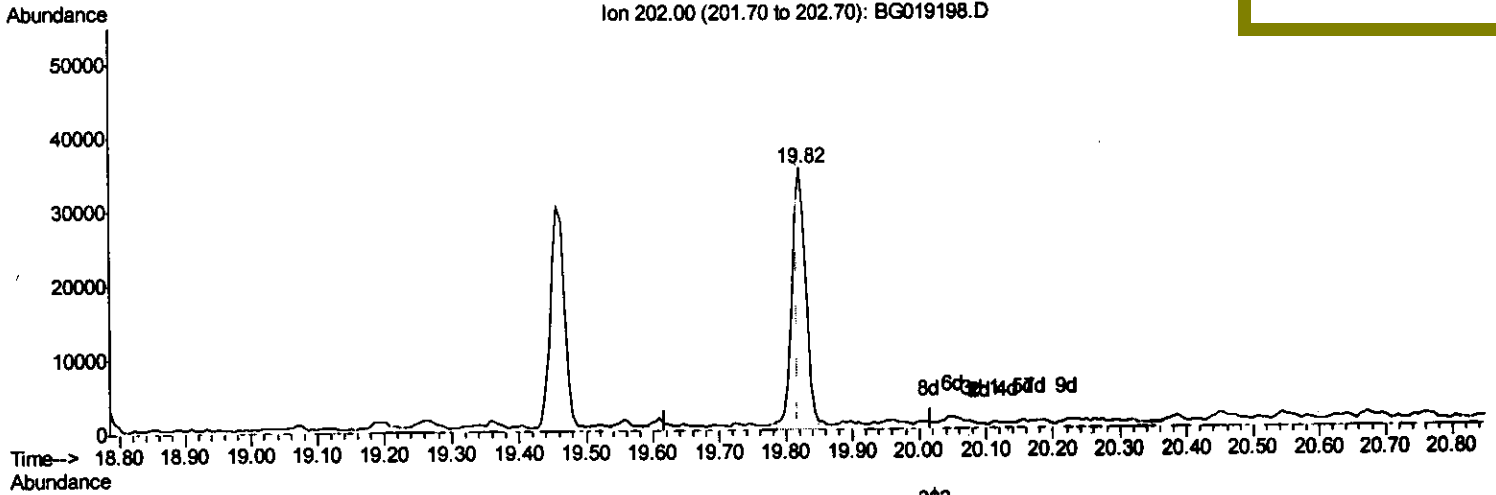
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(80) Pyrene

19.821min (+0.003) 5.42ng/ul m U.M
 response 51829
 10/15/15

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	10.20
100.00	10.60	9.01
0.00	0.00	0.00

Quantitation Report (Qedit)

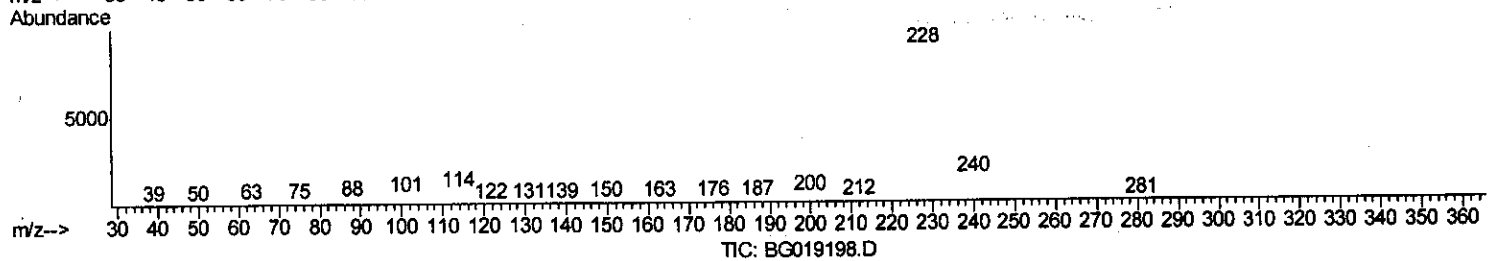
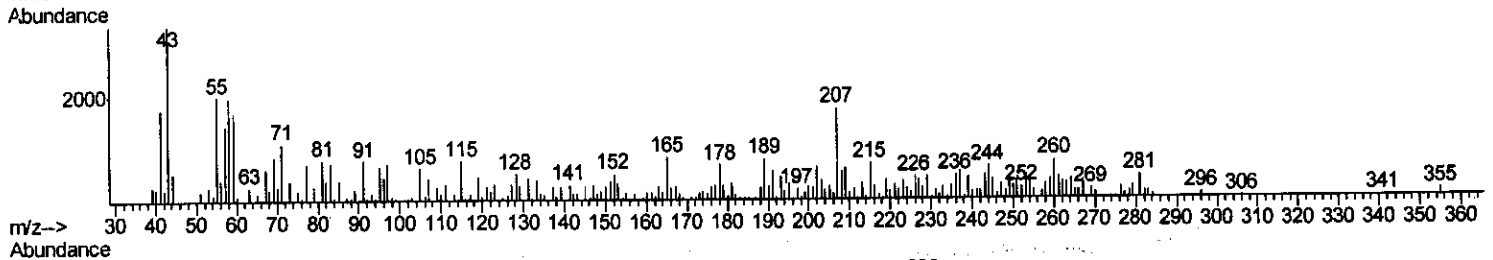
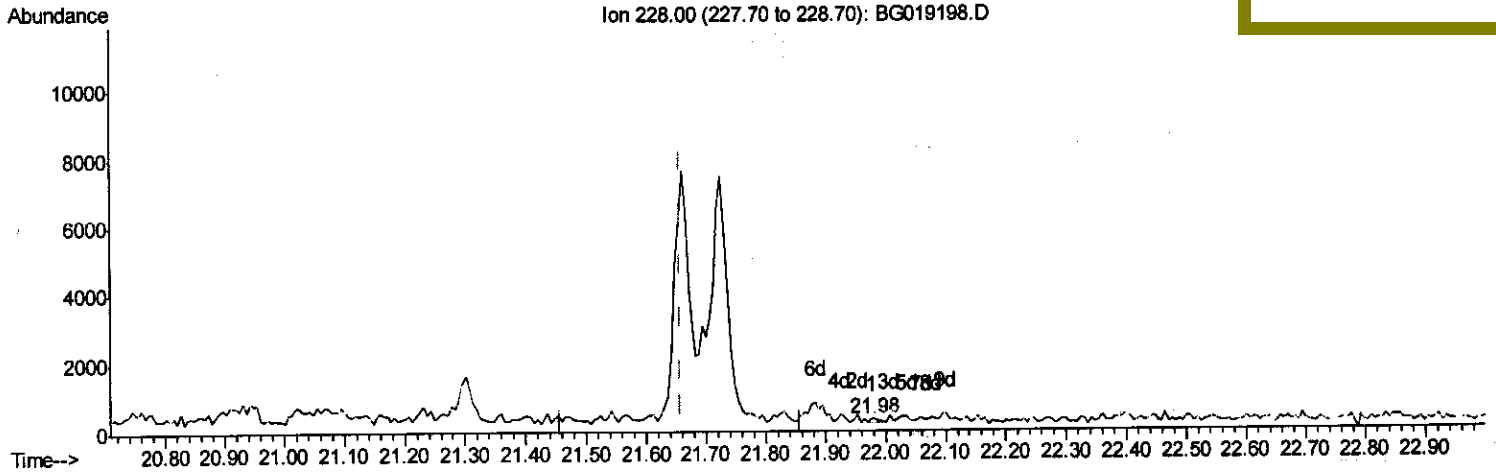
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJO

Manual Integrations
 APPROVED

MMdadoda
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Quant Time: Oct 14 05:35:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(83) Benzo(a)anthracene

21.977min (+0.320) 0.01ng/ul

response 100

Ion	Exp%	Act%
228.00	100	100
229.00	20.70	149.45#
226.00	28.50	150.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

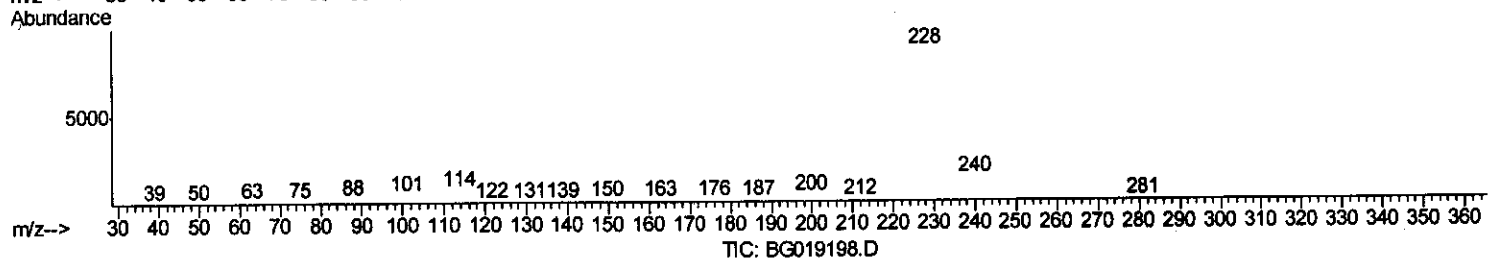
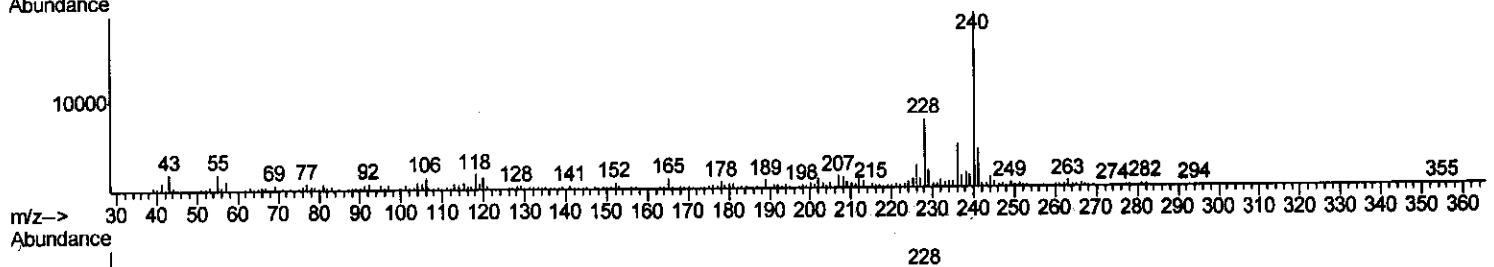
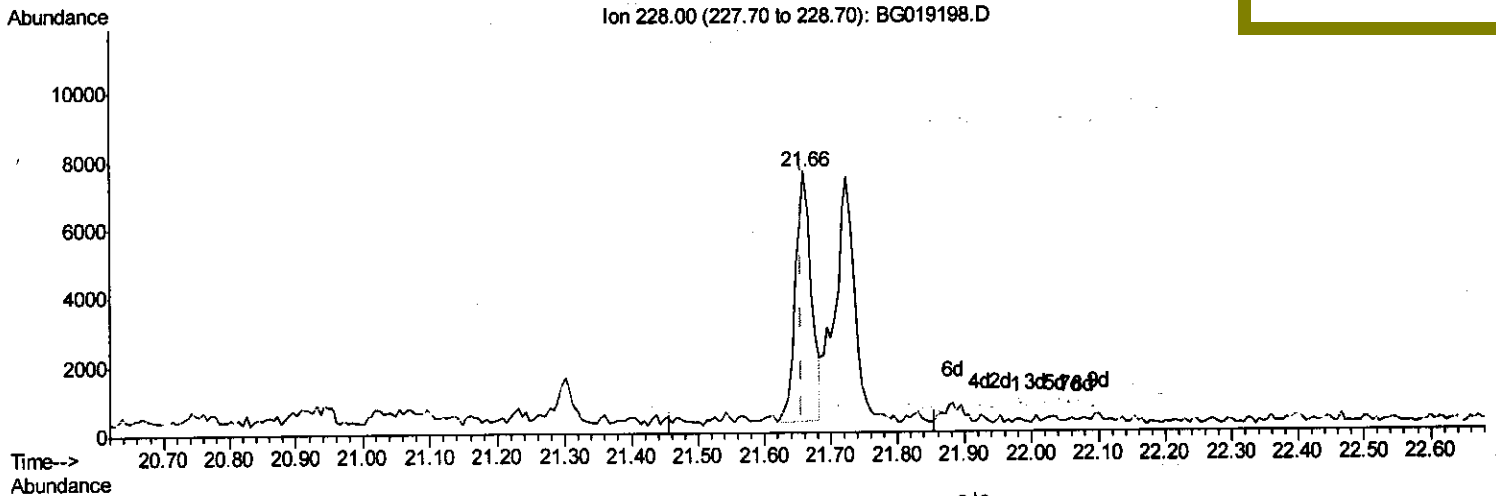
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:35:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(83) Benzo(a)anthracene

21.660min (+0.003) 1.34ng/ul m U.M
 response 12267
 10/15/15

Ion	Exp%	Act%
228.00	100	100
229.00	20.70	26.61#
226.00	28.50	33.06
0.00	0.00	0.00

Quantitation Report (Qedit)

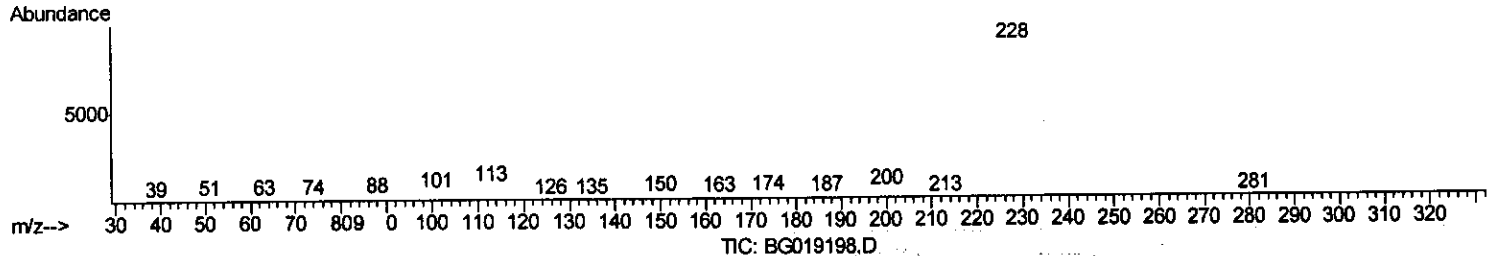
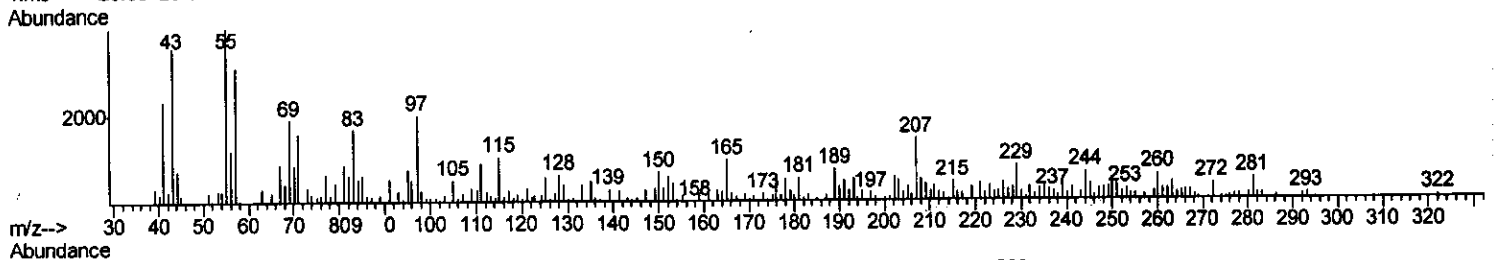
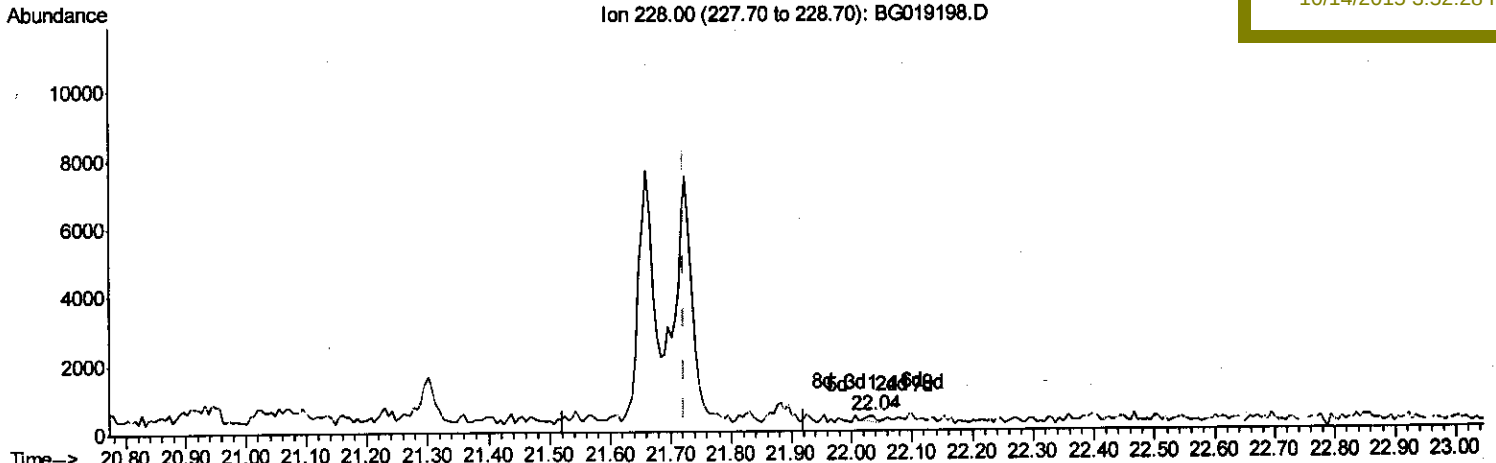
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:37:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(85) Chrysene

22.036min (+0.314) 0.02ng/ul

response 194

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	126.59#
229.00	19.50	208.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

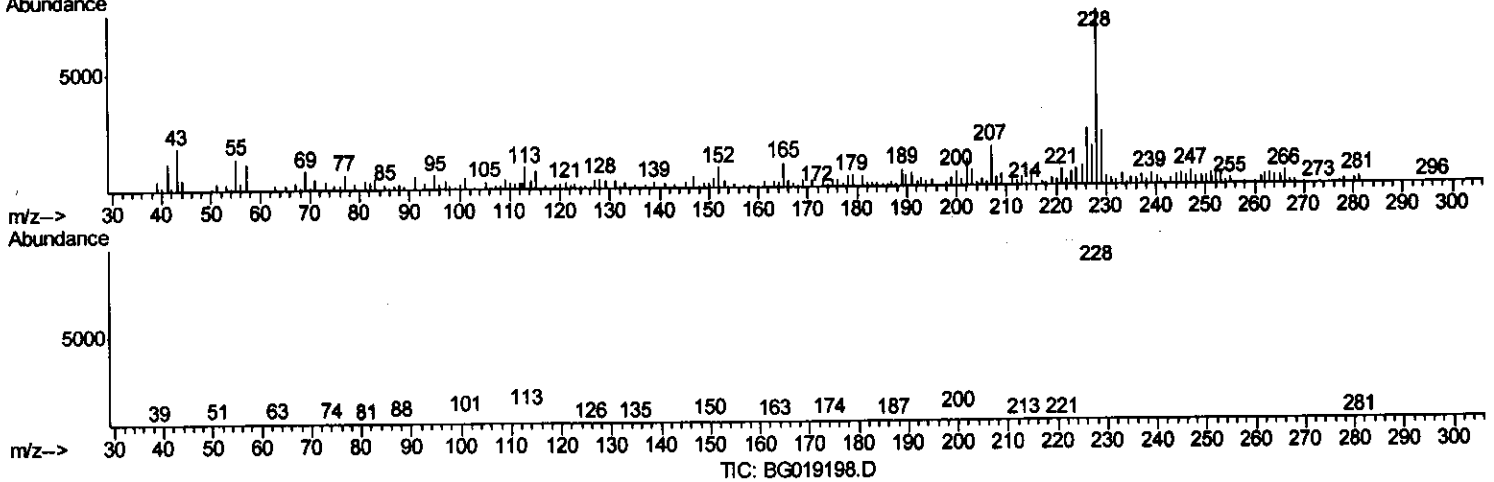
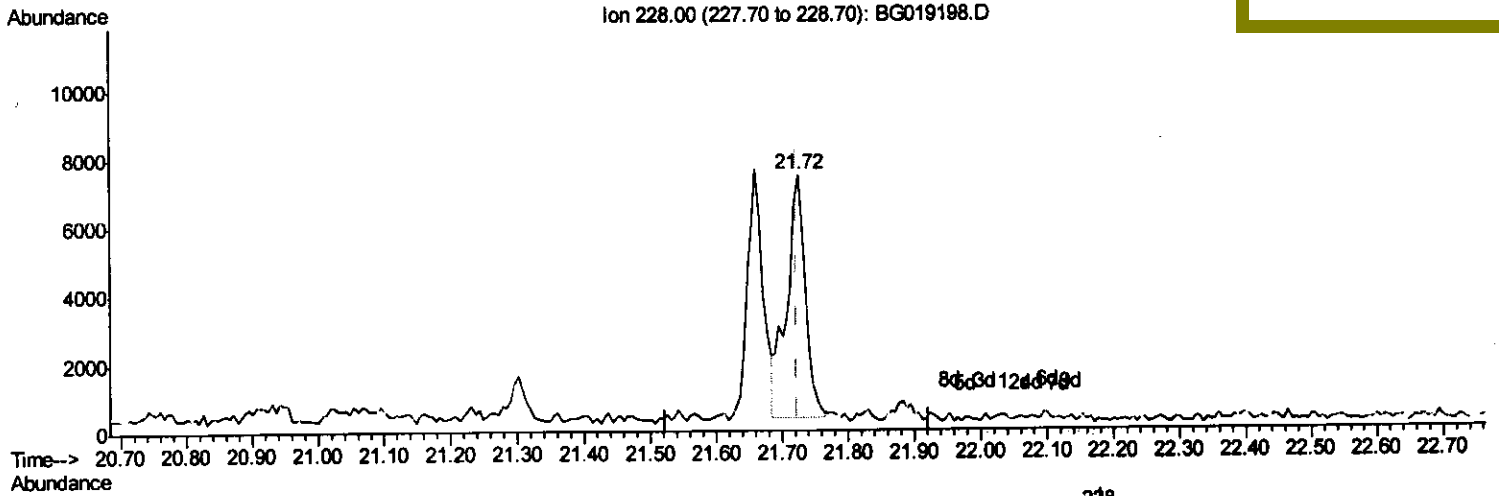
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:37:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(85) Chrysene

21.724min (+0.003) 1.64ng/ul m U.M
 response 14206
 10/15/15

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	33.23
229.00	19.50	31.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

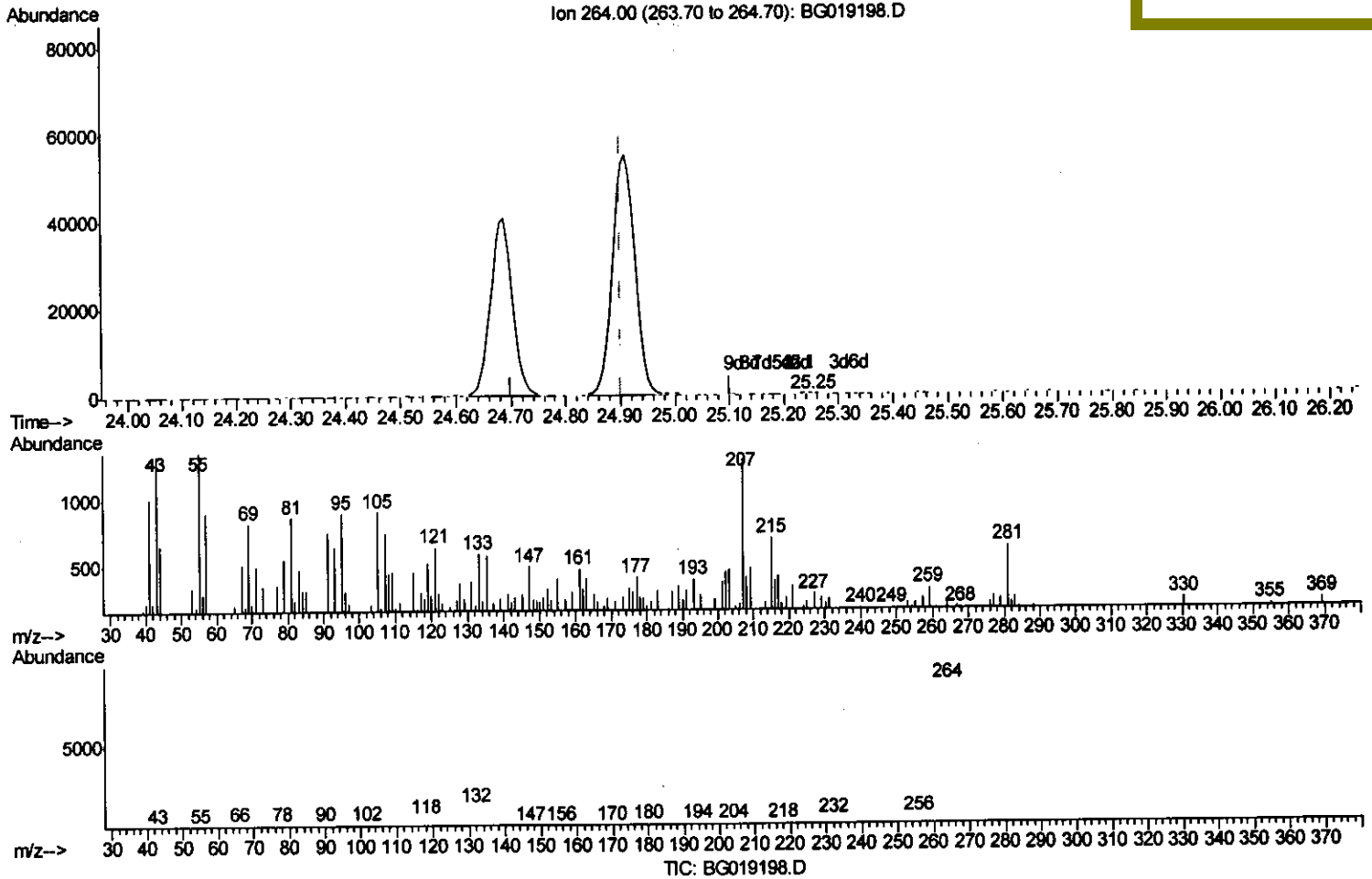
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:37:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(86) Perylene-d12 (I)

25.249min (+0.349) 20.00ng/ul

response 71

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	0.00#
265.00	21.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

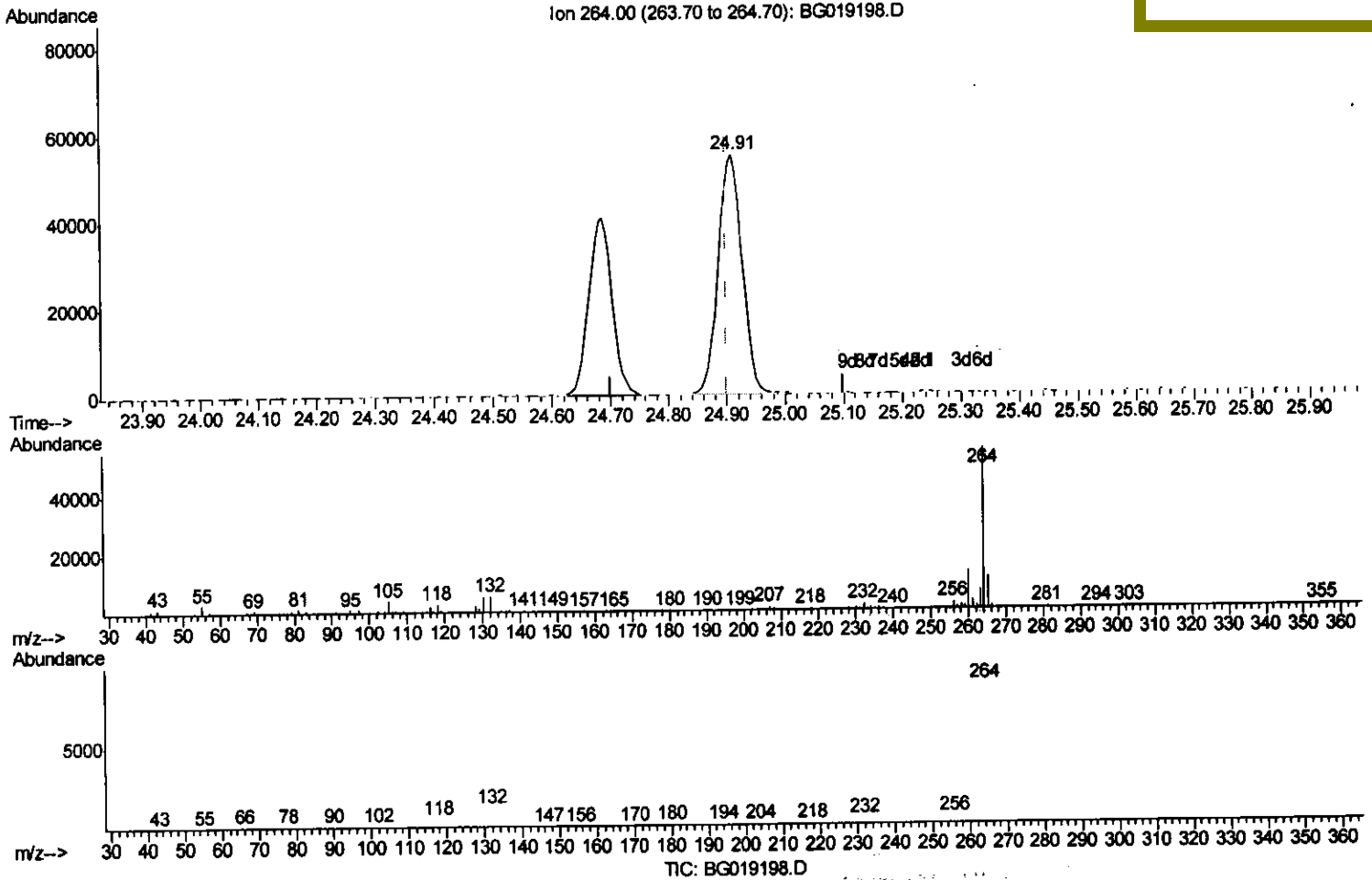
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:37:56 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(86) Perylene-d12 (I)

24.909min (+0.008) 20.00ng/ul m *U.M.*
10/15/15

response 158636

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	23.53
265.00	21.10	20.20
0.00	0.00	0.00

Quantitation Report (Qedit)

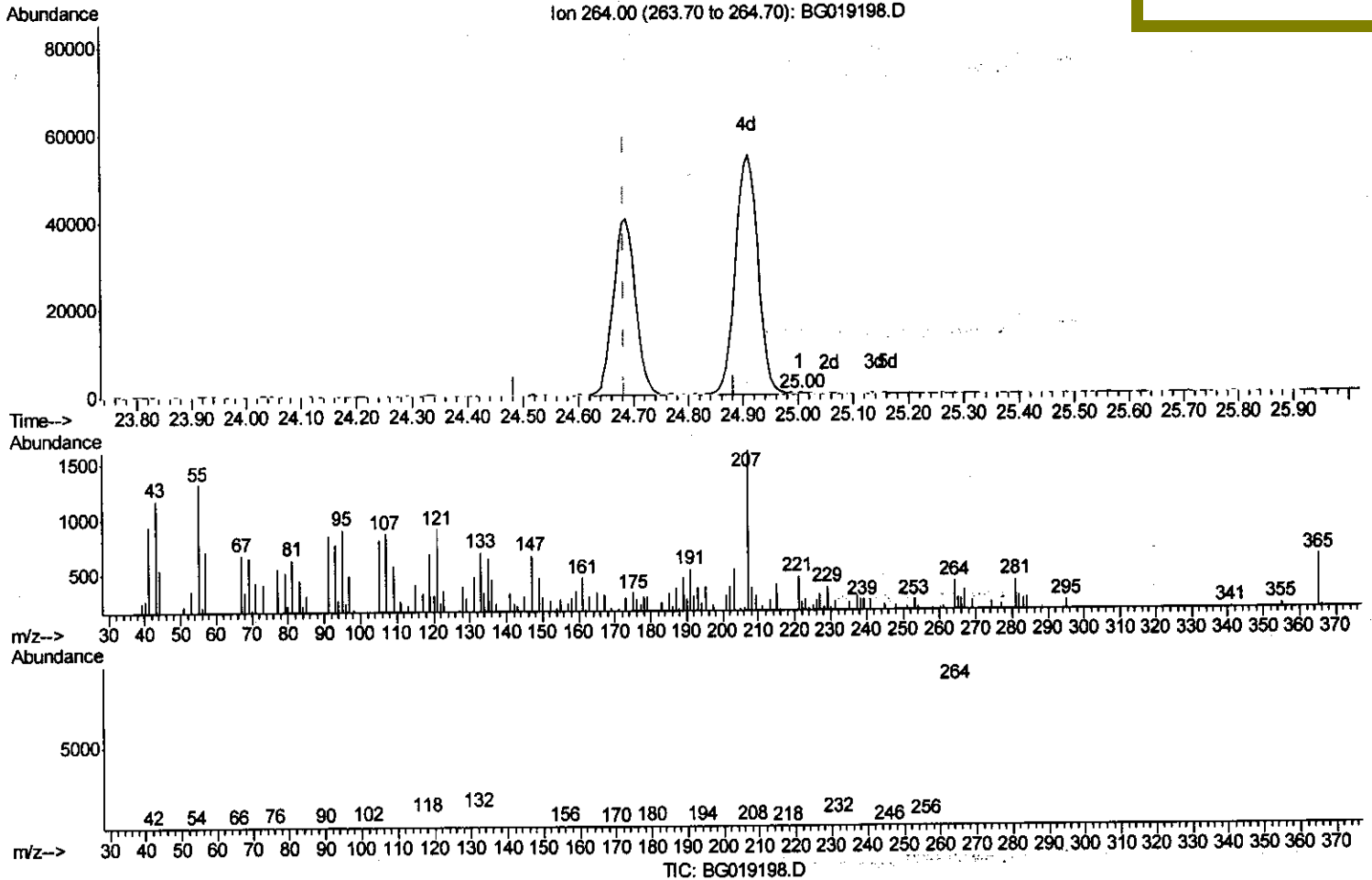
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:41:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



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

25.003min (+0.320) 0.04ng/ul

response 312

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

Quantitation Report (Qedit)

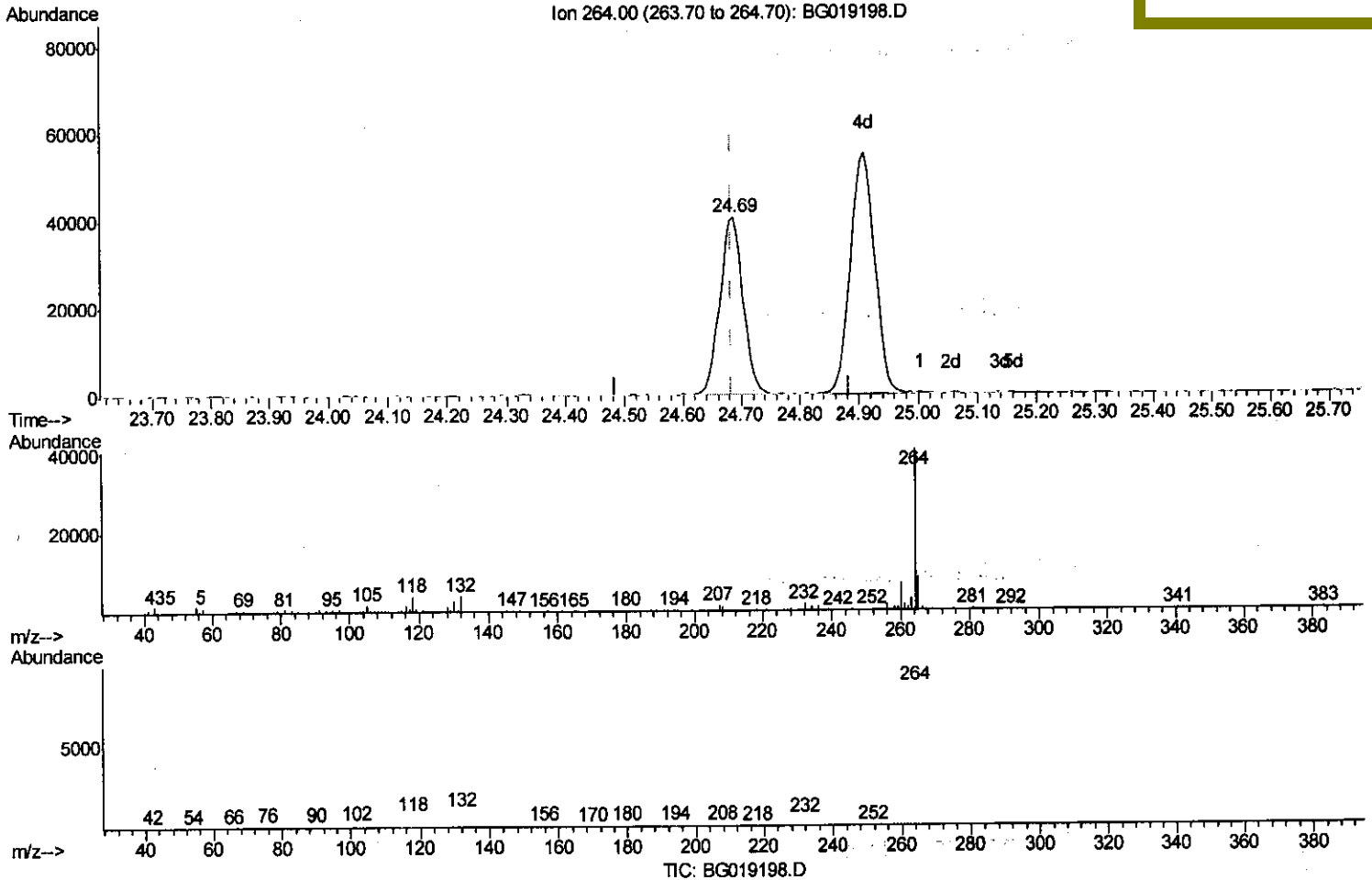
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:41:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



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

24.685min (+0.003) 13.90ng/ul m UM
 response 112806
 7/15/15

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	10.30#
118.00	9.00	10.11
0.00	0.00	0.00

Quantitation Report (Qedit)

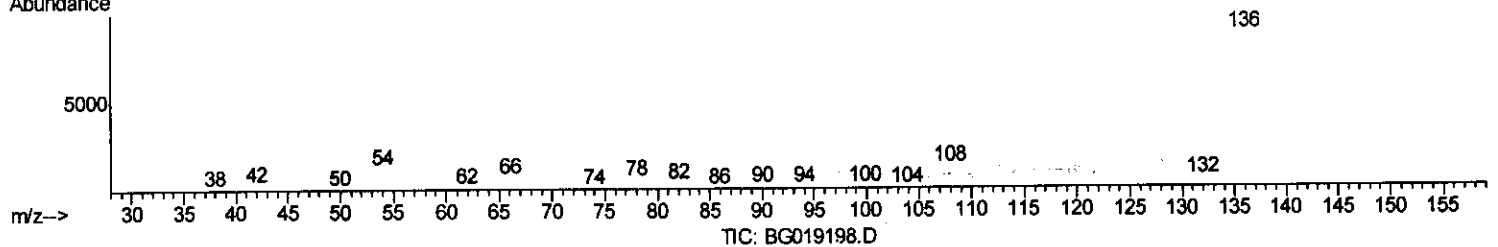
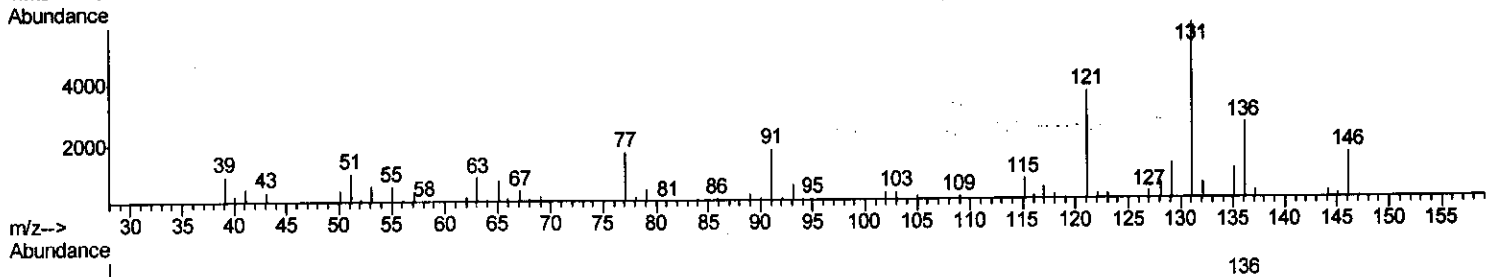
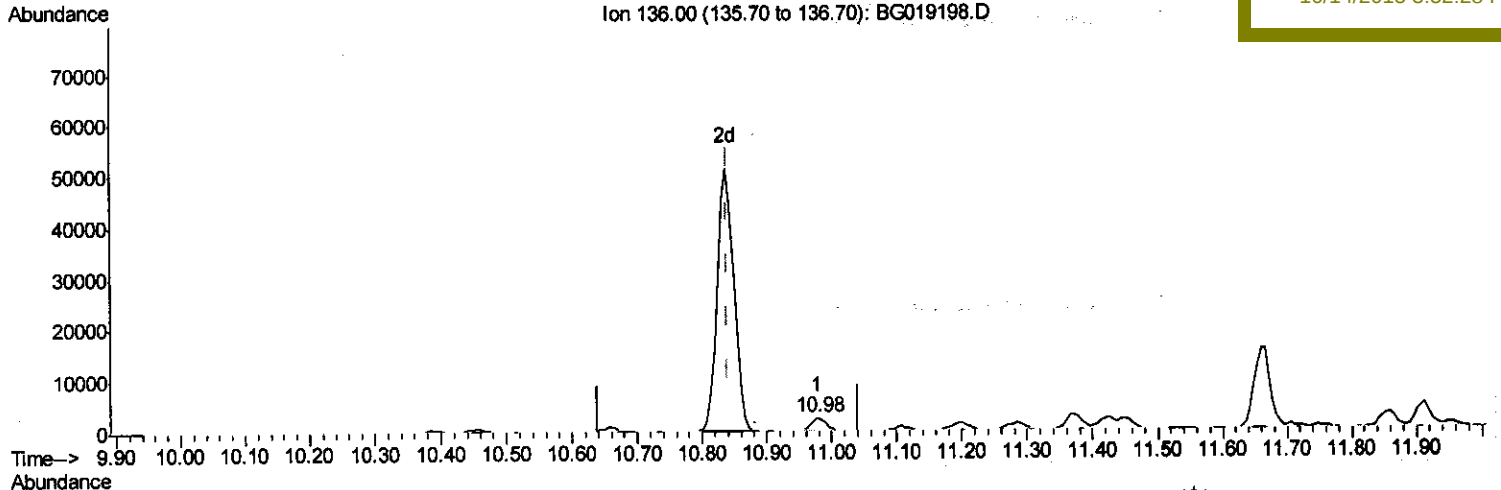
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 04:52:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(18) Naphthalene-d8 (I)

10.978min (+0.138) 20.00ng/ul

response 3972

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	8.97
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

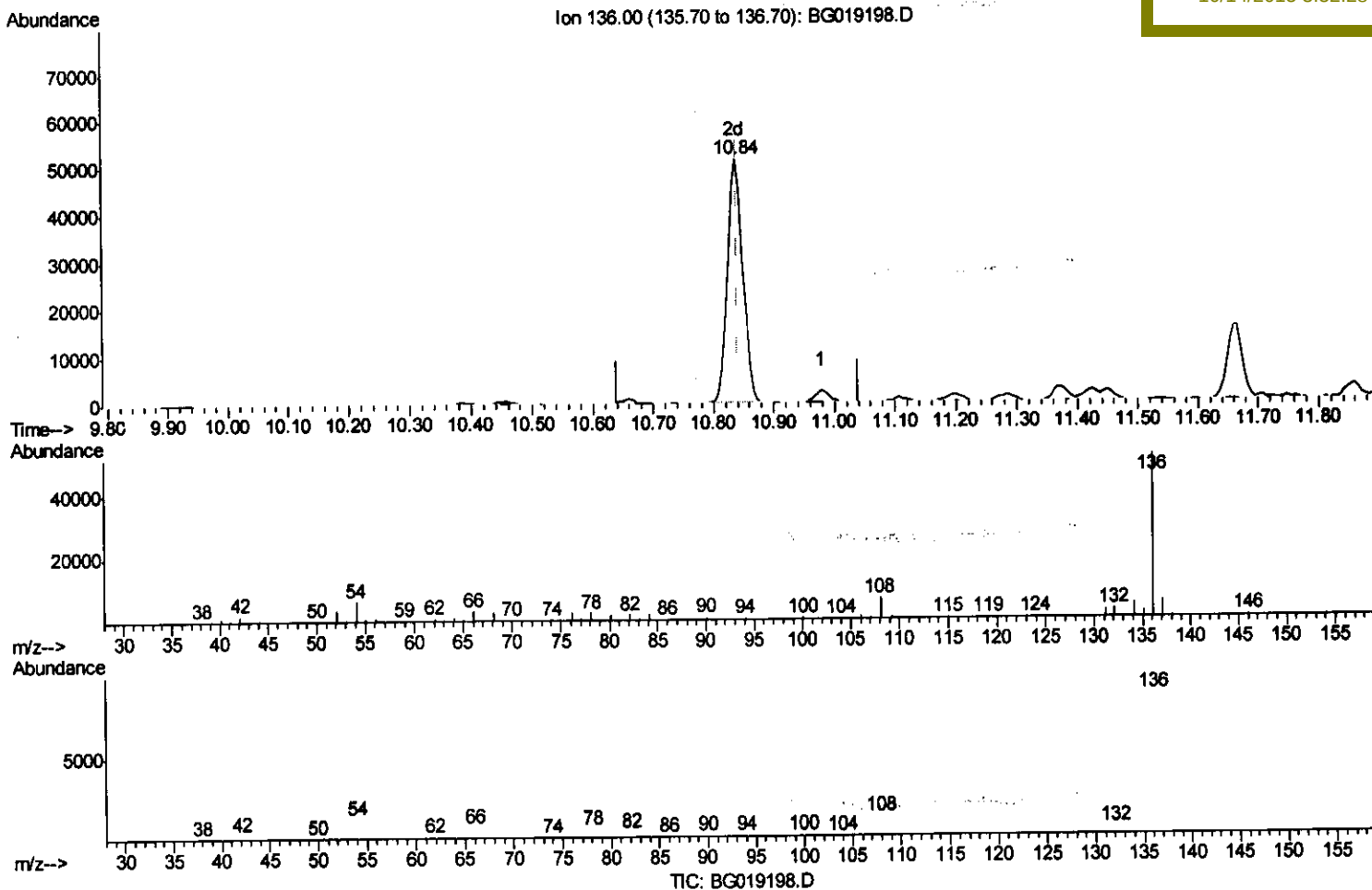
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 04:52:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(18) Naphthalene-d8 (I)

10.837min (-0.003) 20.00ng/ul m U.M
 response 91464
 10/15/15

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	5.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

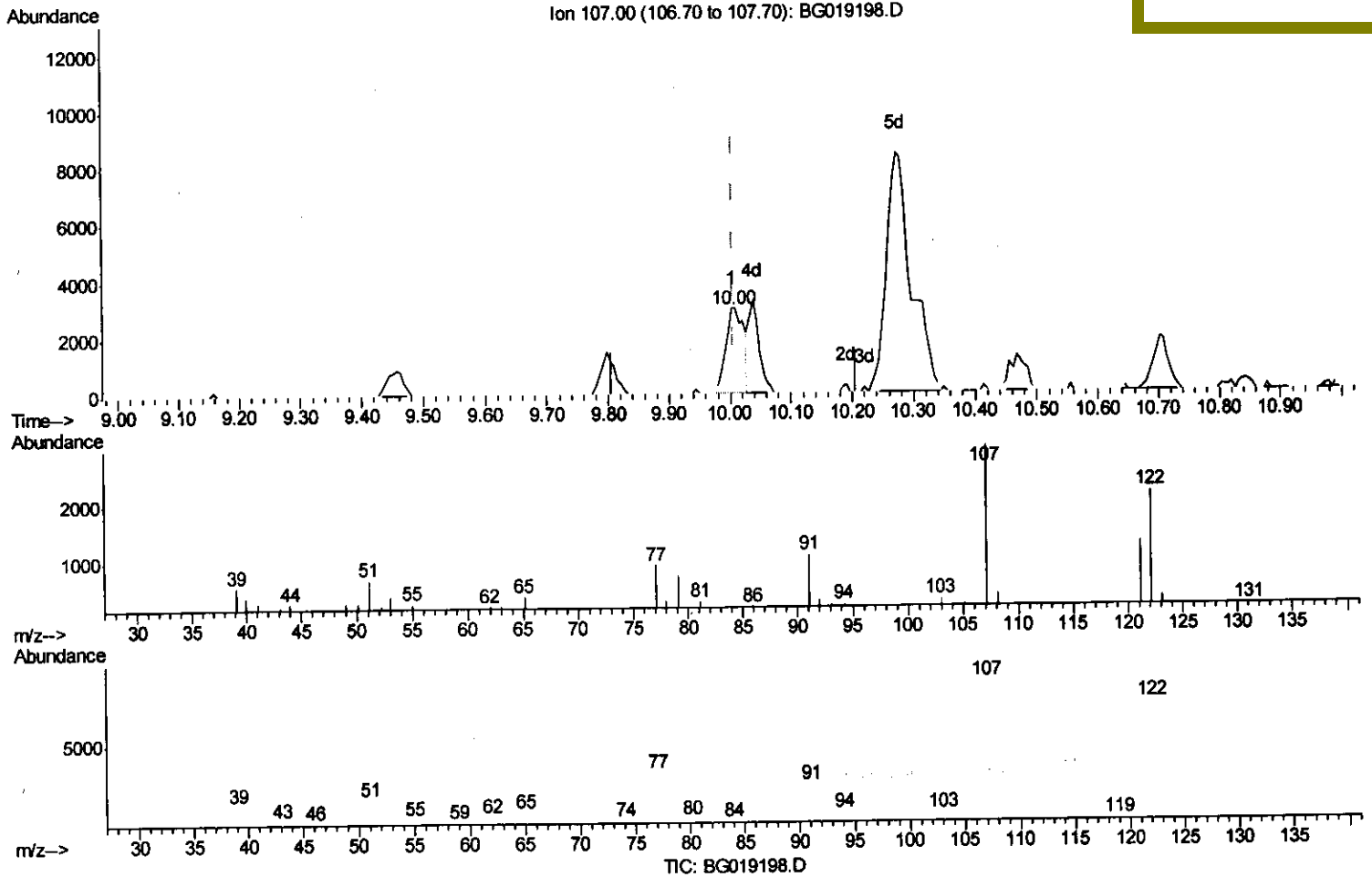
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:21:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(24) 2,4-Dimethylphenol

10.003min (-0.003) 3.58ng/ul

response 6213

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	42.62
122.00	84.50	72.25
0.00	0.00	0.00

Quantitation Report (Qedit)

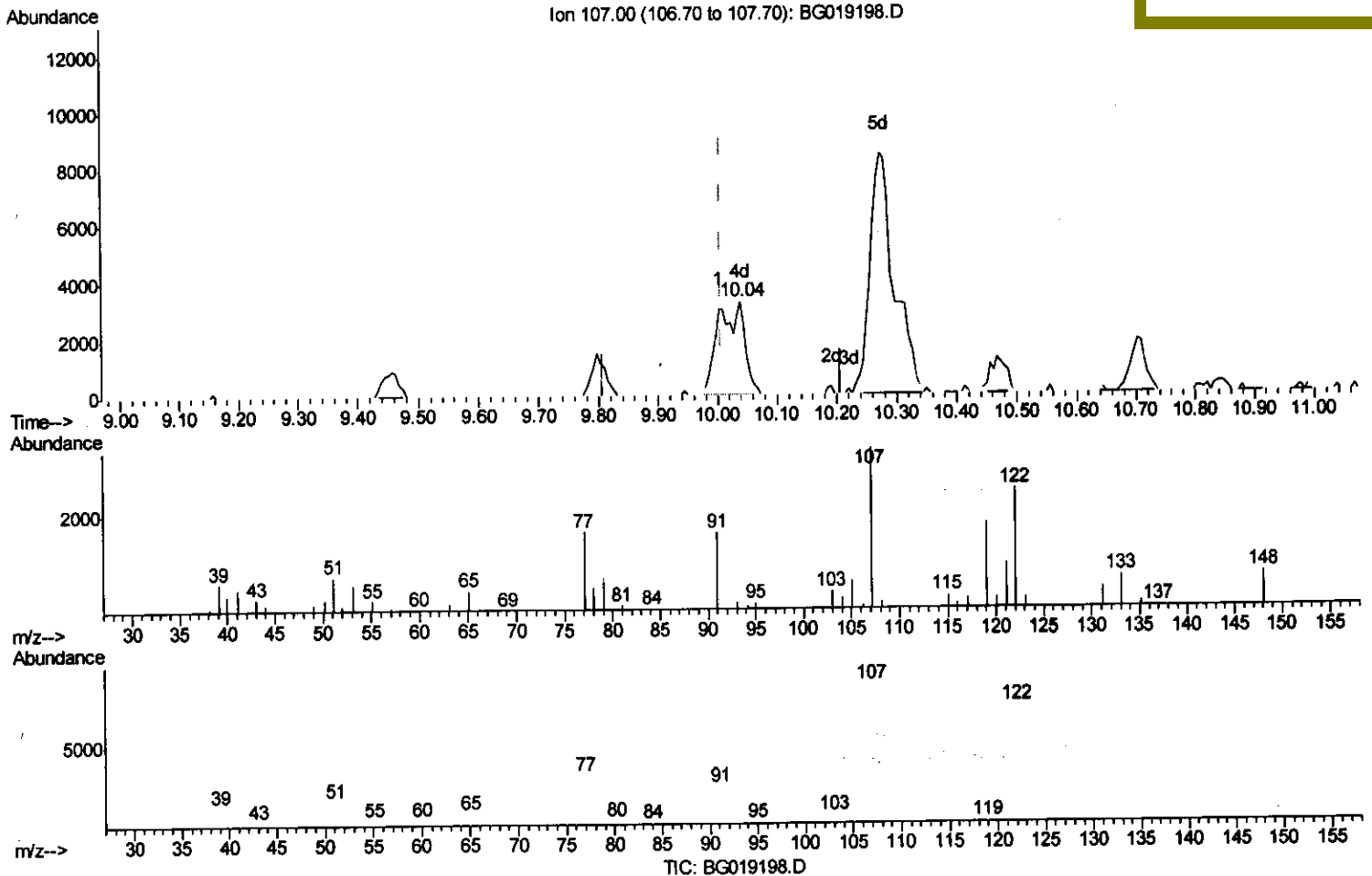
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:21:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(24) 2,4-Dimethylphenol

10.038min (+0.032) 5.87ng/ul m U.M
 response 10176

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	31.03#
122.00	84.50	75.11
0.00	0.00	0.00

Quantitation Report (Qedit)

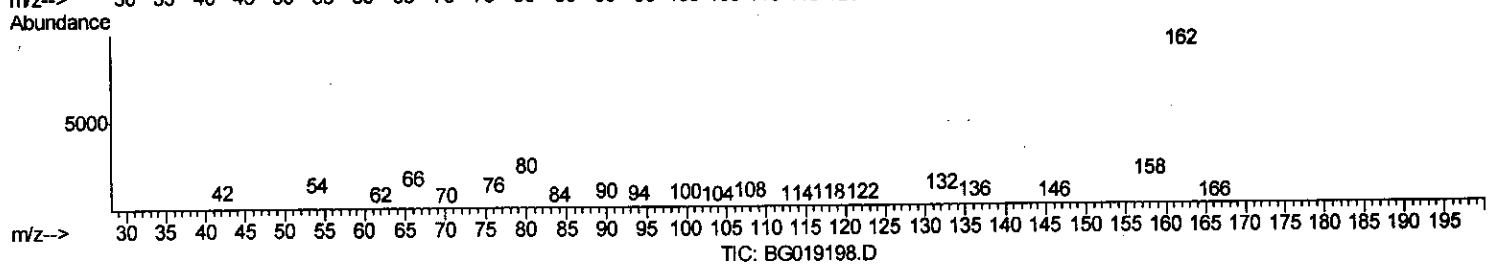
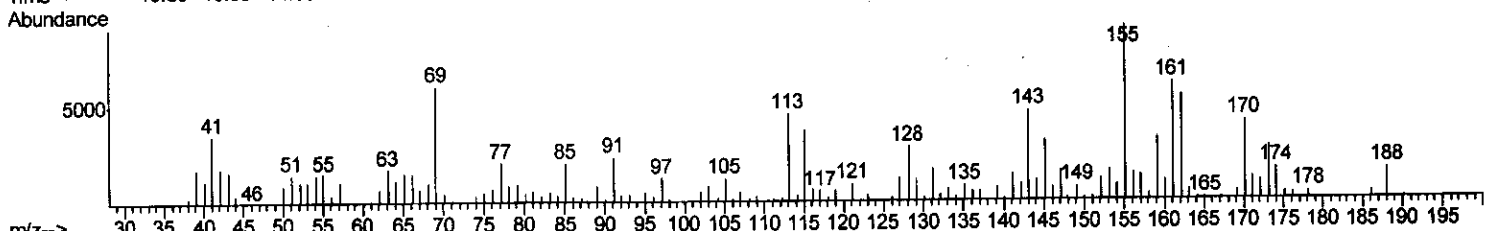
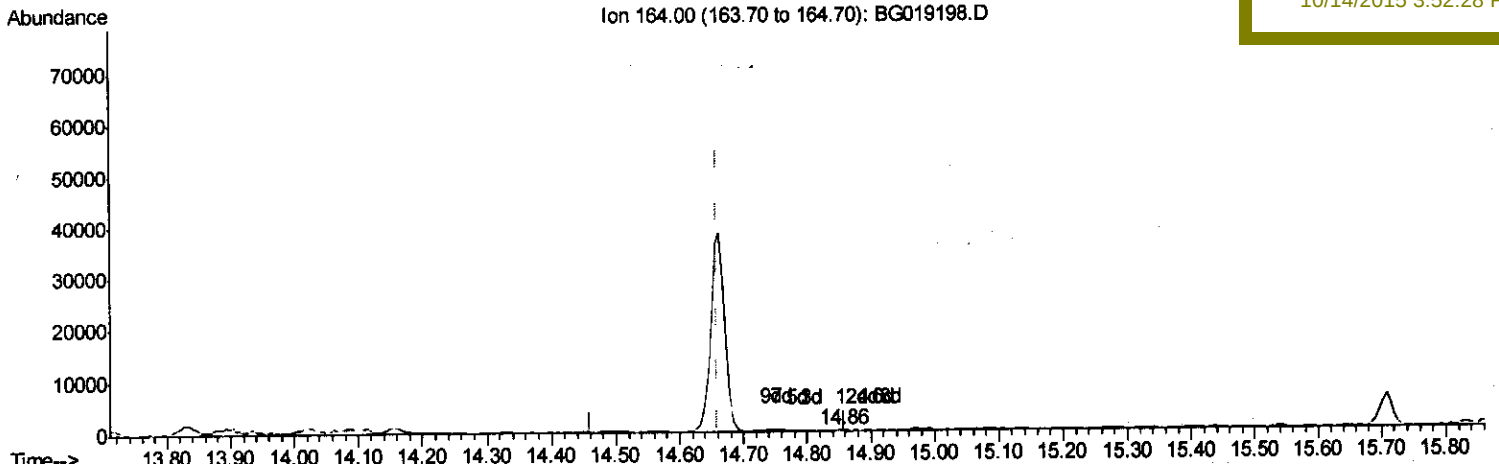
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJO

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:21:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(36) Acenaphthene-d10 (I)
 14.856min (+0.196) 20.00ng/ul
 response 245

Ion	Exp%	Act%
164.00	100	100
162.00	102.00	2103.85#
160.00	42.40	436.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

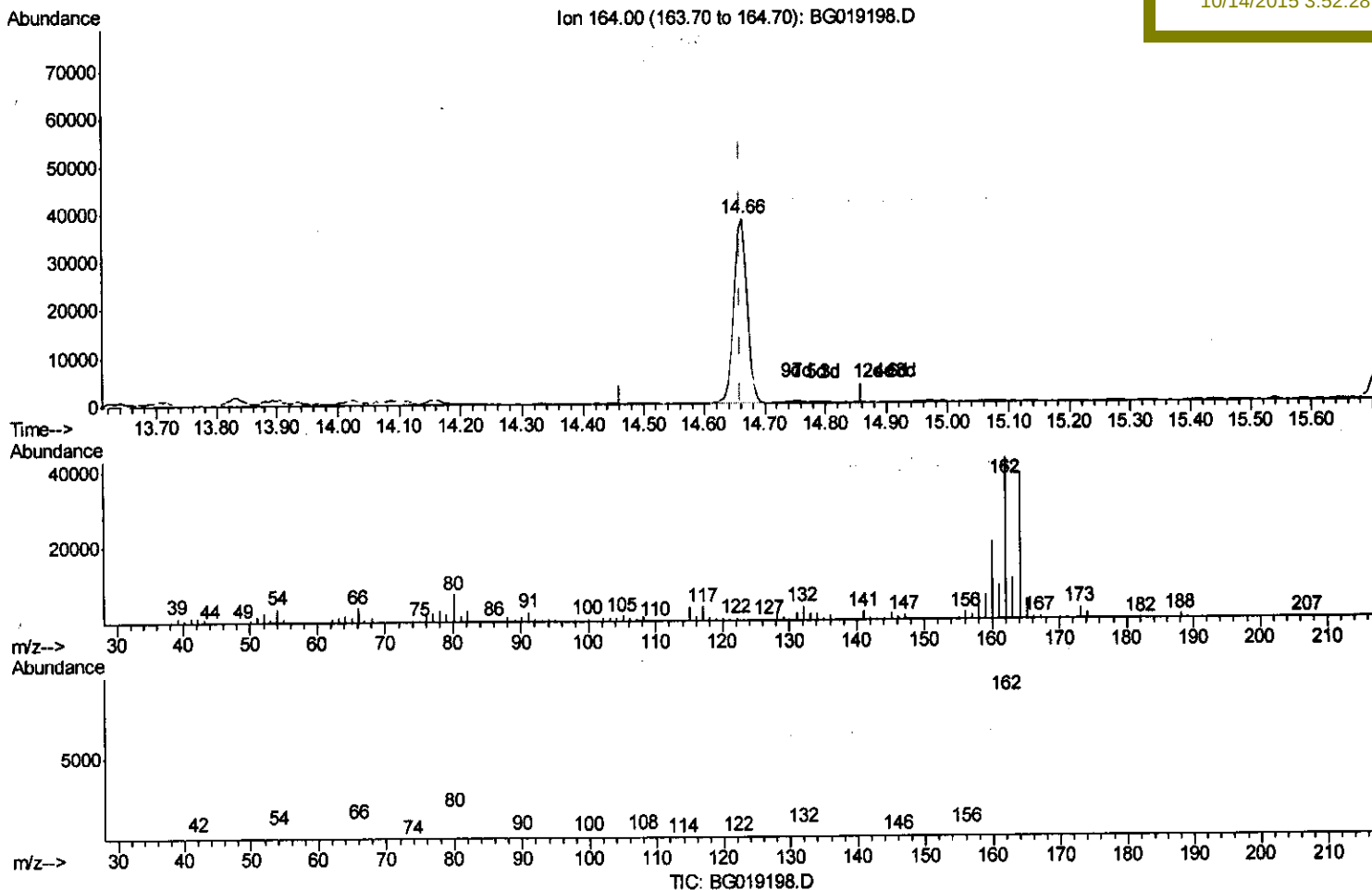
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:21:37 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(36) Acenaphthene-d10 (I)

14.662min (+0.003) 20.00ng/ul m UM
 response 60197
 10/15/15

Ion	Exp%	Act%
164.00	100	100
162.00	102.00	110.84
160.00	42.40	53.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

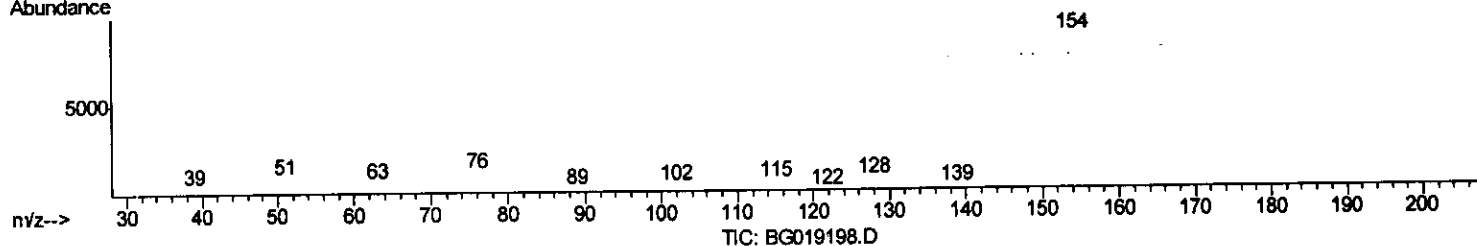
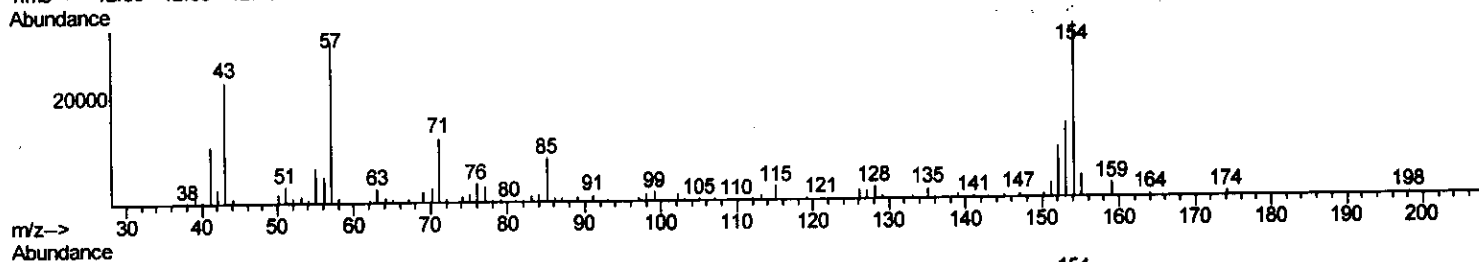
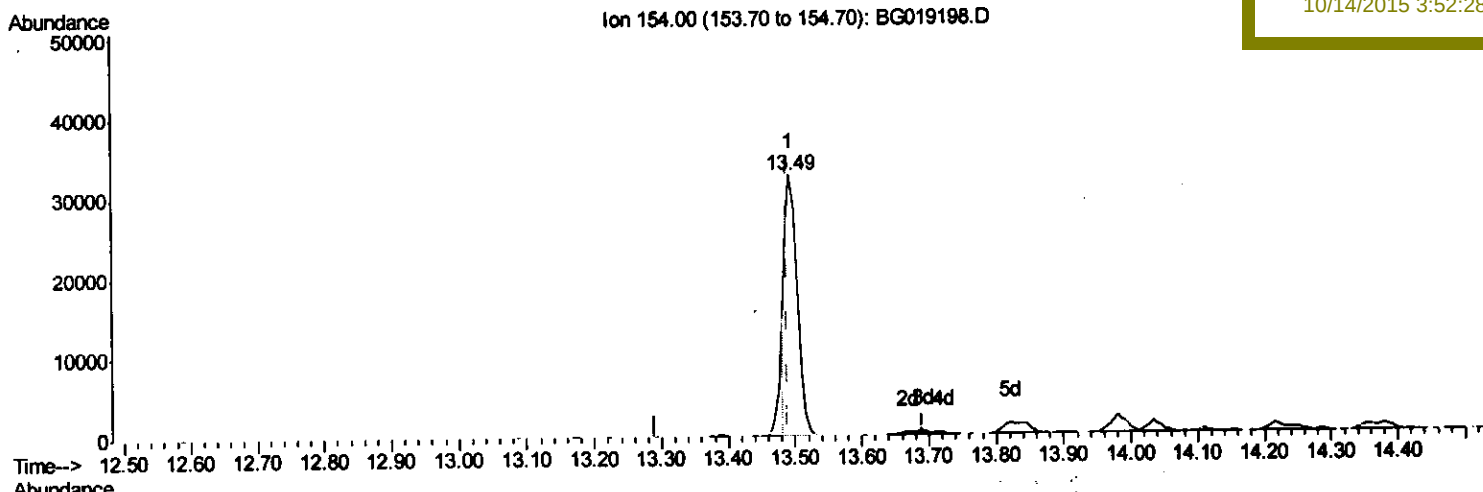
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(41) 1,1'-Biphenyl

13.493min (+0.003) 8.49ng/ul

response 41647

Ion	Exp%	Act%
154.00	100	100
153.00	39.20	43.36
76.00	13.50	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

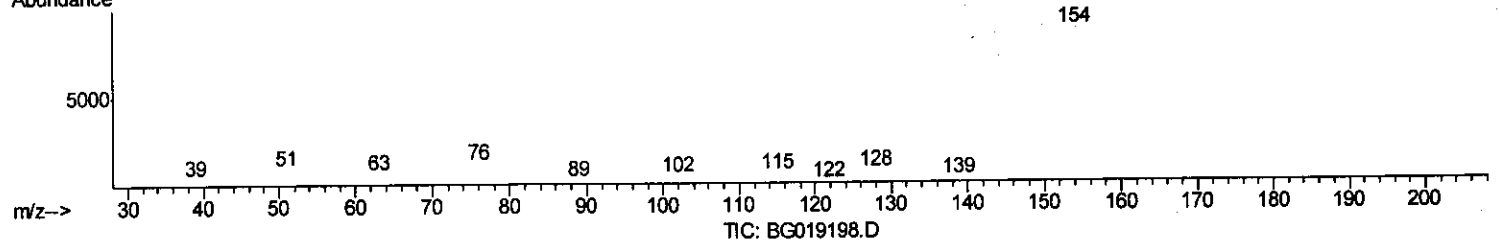
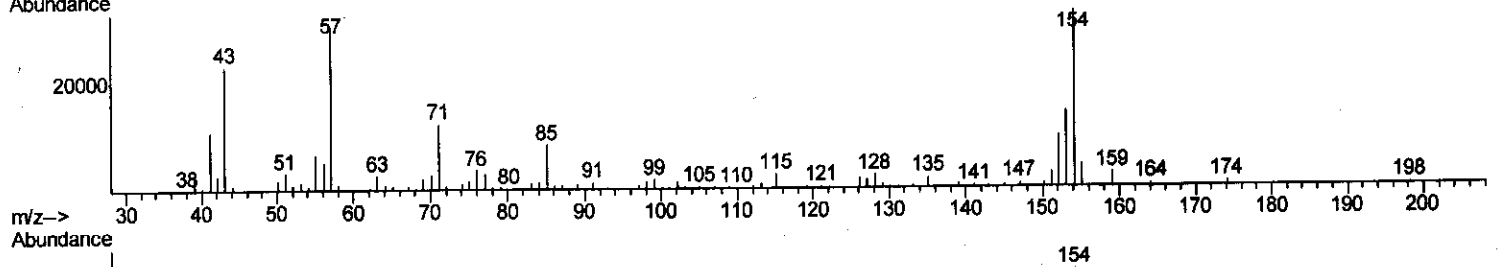
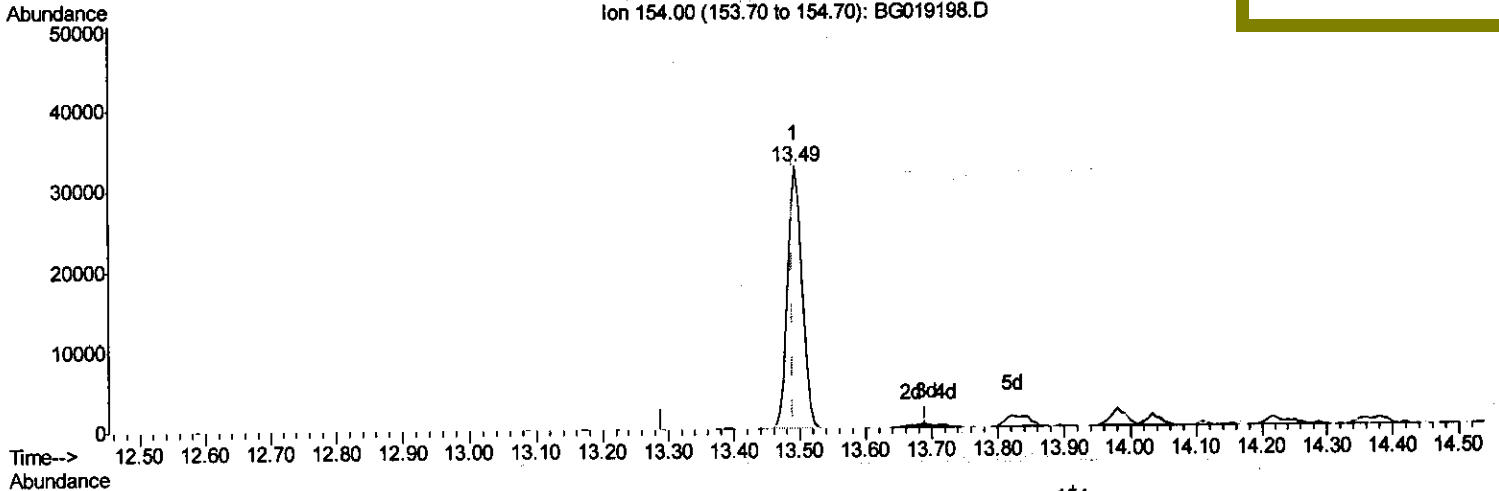
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
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MMdadoda
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Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(41) 1,1'-Biphenyl

13.493min (+0.003) 10.13ng/ul m U.M
 response 49701
 10/15/15

Ion	Exp%	Act%
154.00	100	100
153.00	39.20	43.36
76.00	13.50	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

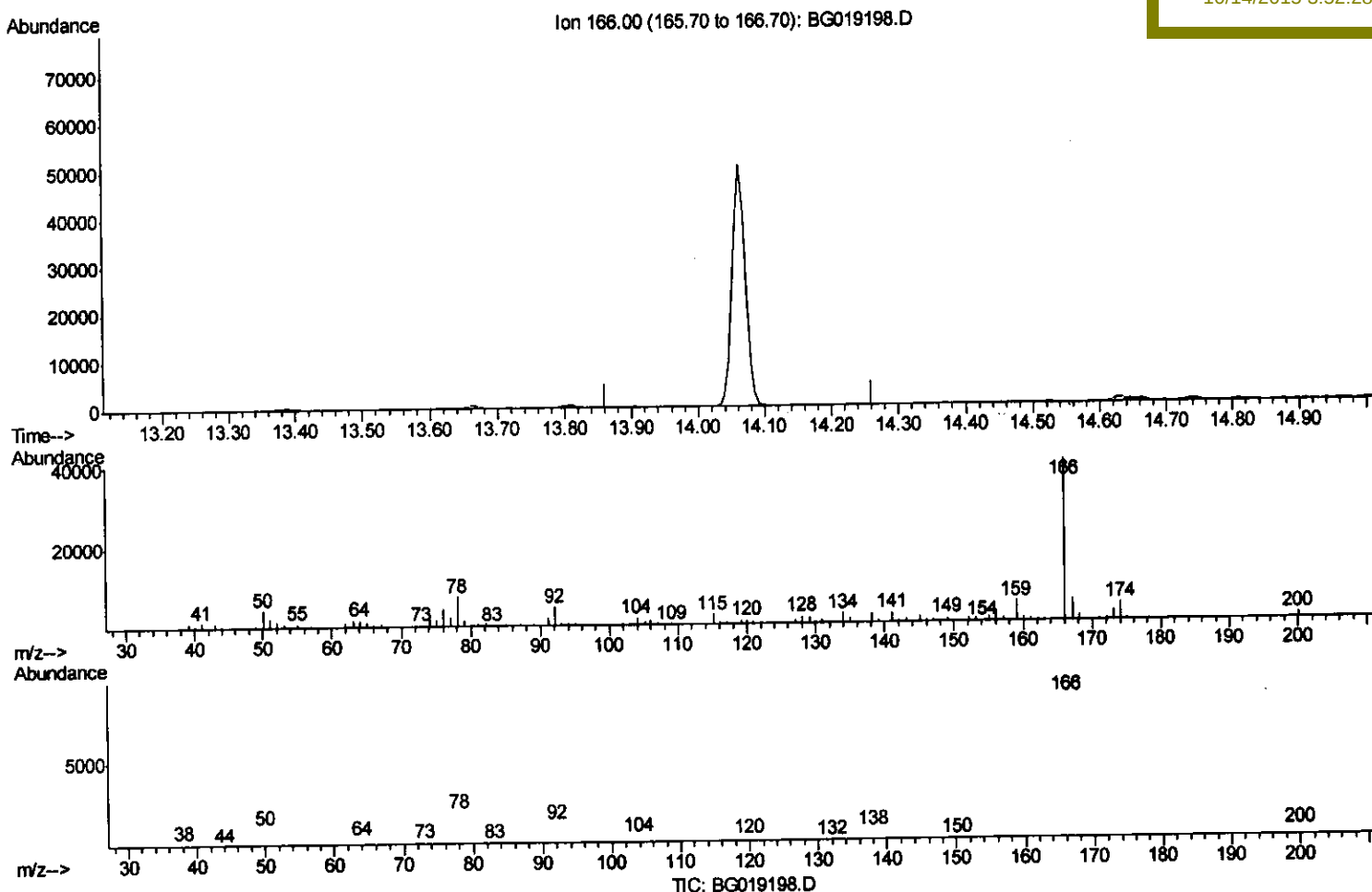
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(44) Dimethylphthalate-d6 (S)

14.060min (-14.060) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

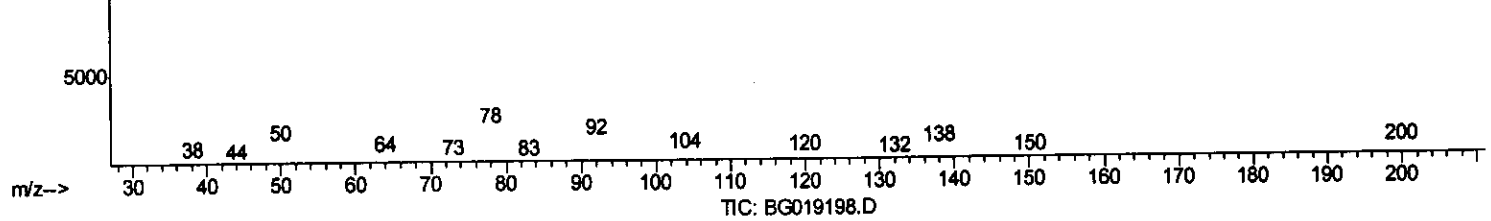
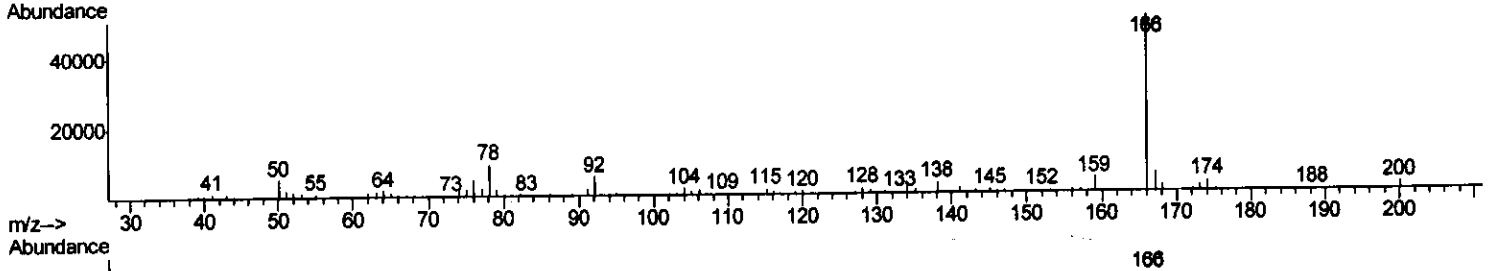
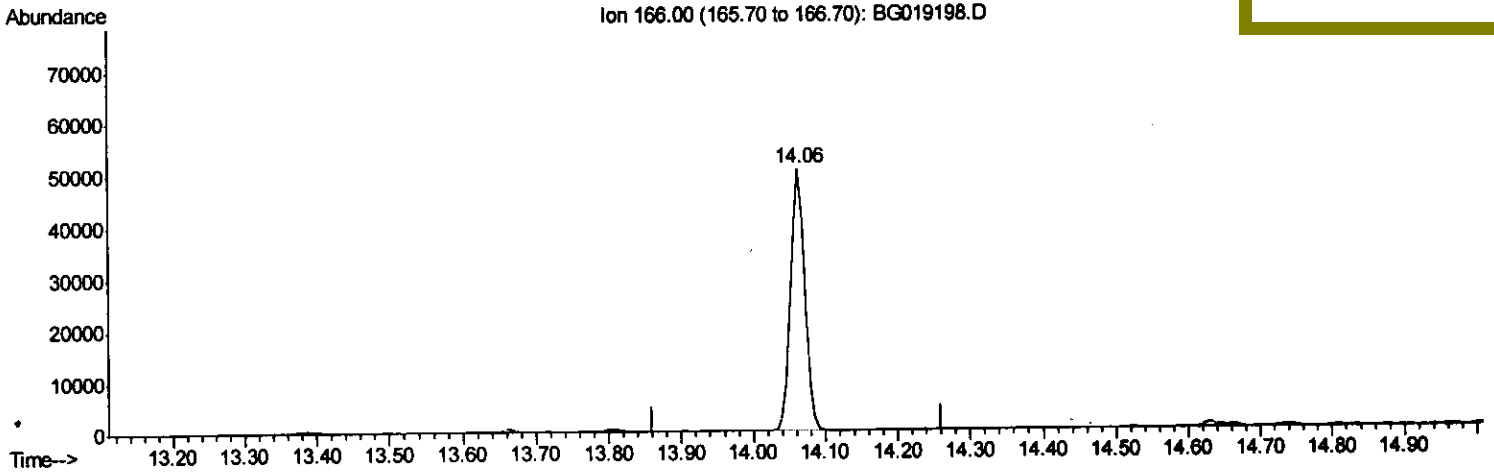
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
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Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(44) Dimethylphthalate-d6 (S)

14.063min (+0.003) 14.89ng/ul m U.M

response 70689

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	18.31
0.00	0.00	0.00
0.00	0.00	0.00

10/15/15

Quantitation Report (Qedit)

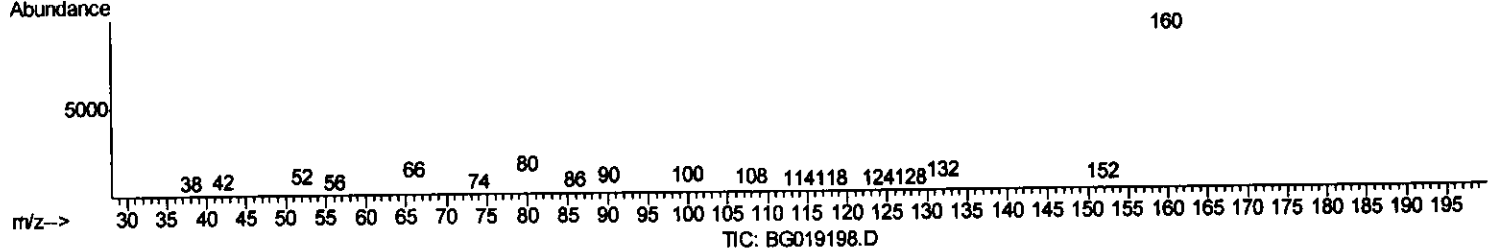
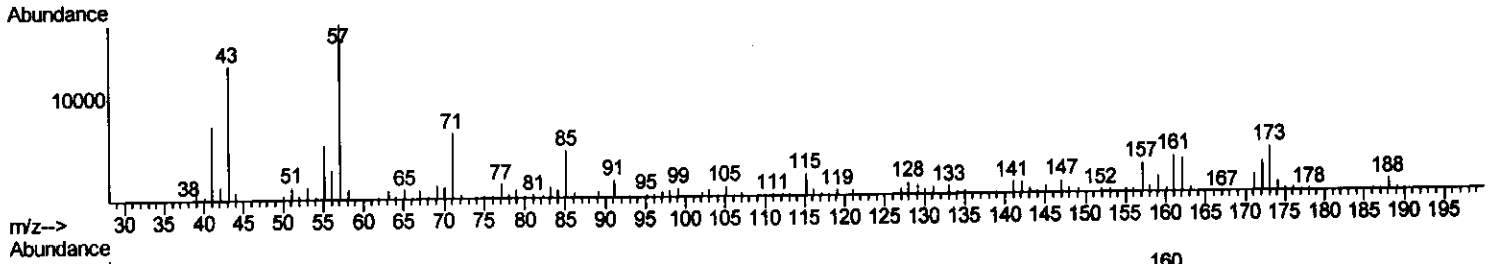
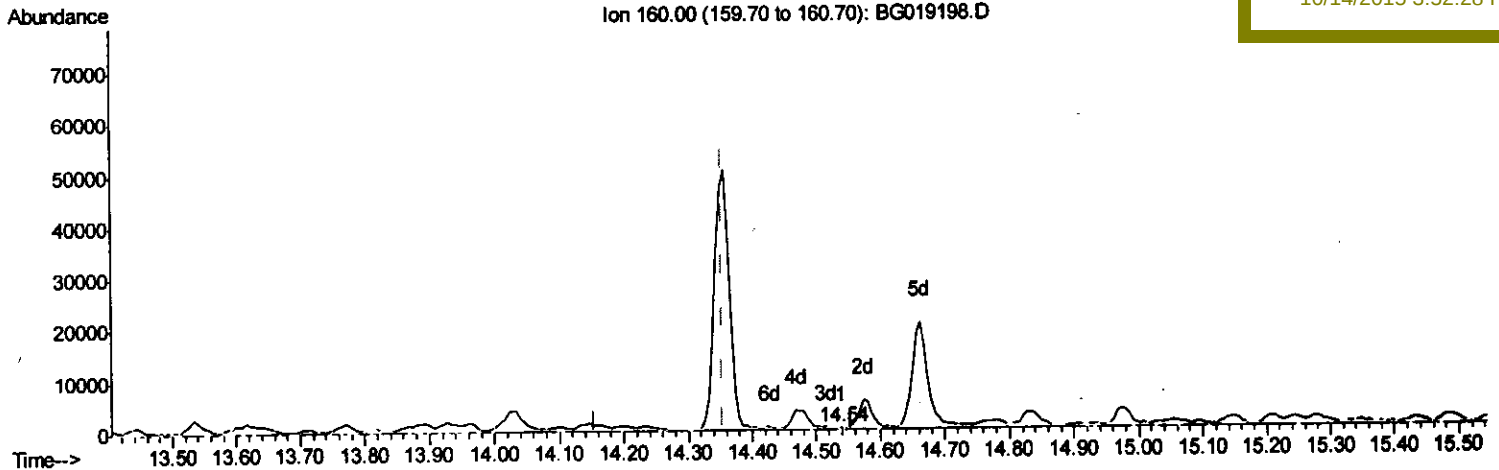
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(47) Acenaphthylene-d8 (S)

14.538min (+0.185) 0.05ng/ul

response 313

Ion	Exp%	Act%
160.00	100	100
80.00	11.60	63.82#
158.00	15.80	135.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

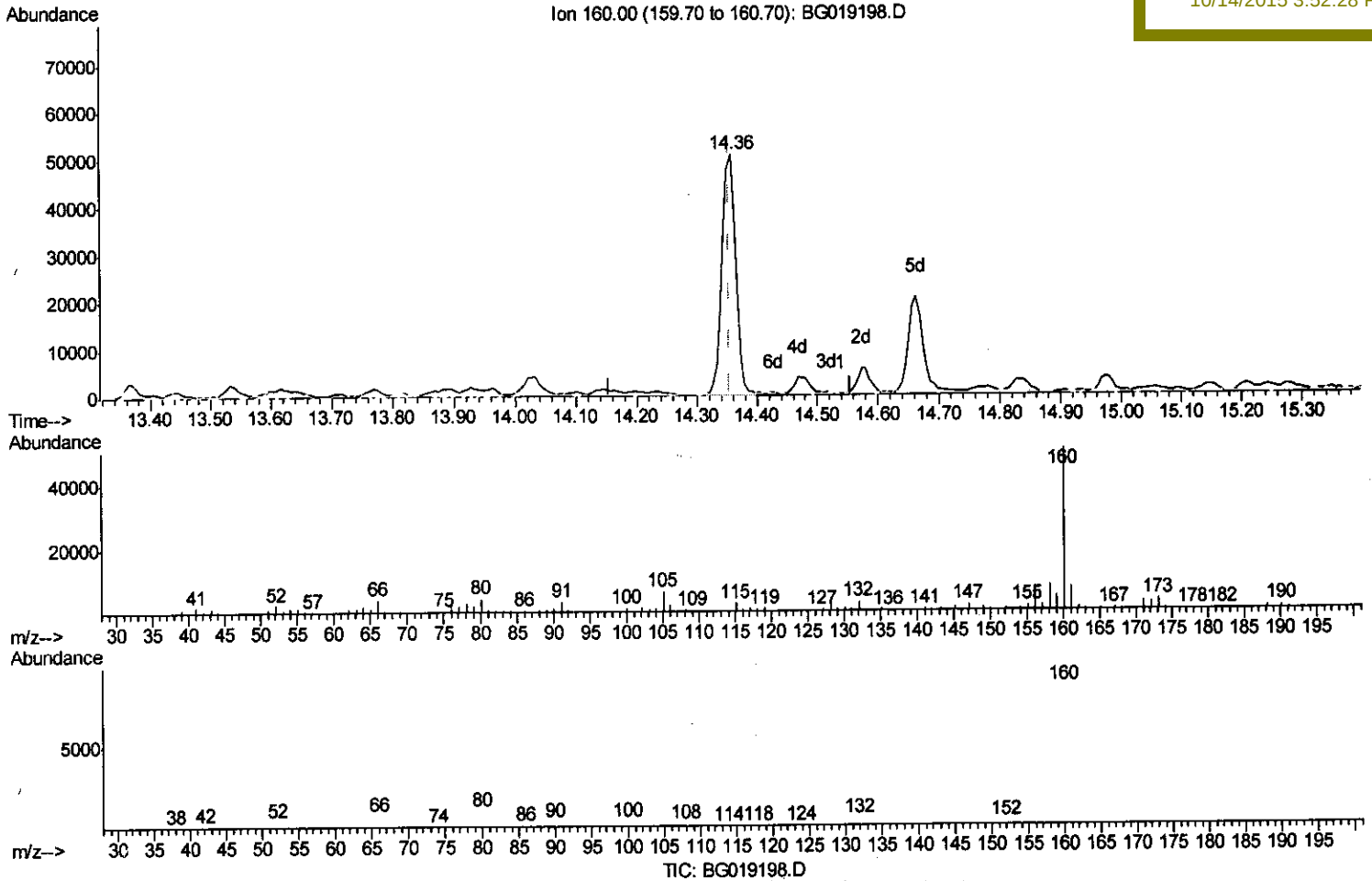
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
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MMdadoda
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Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration



(47) Acenaphthylene-d8 (S)

14.356min (+0.003) 13.90ng/ul m U.M
 response 81628
 10/15/15

Ion	Exp%	Act%
160.00	100	100
80.00	11.60	8.68#
158.00	15.80	16.27
0.00	0.00	0.00

Quantitation Report (Qedit)

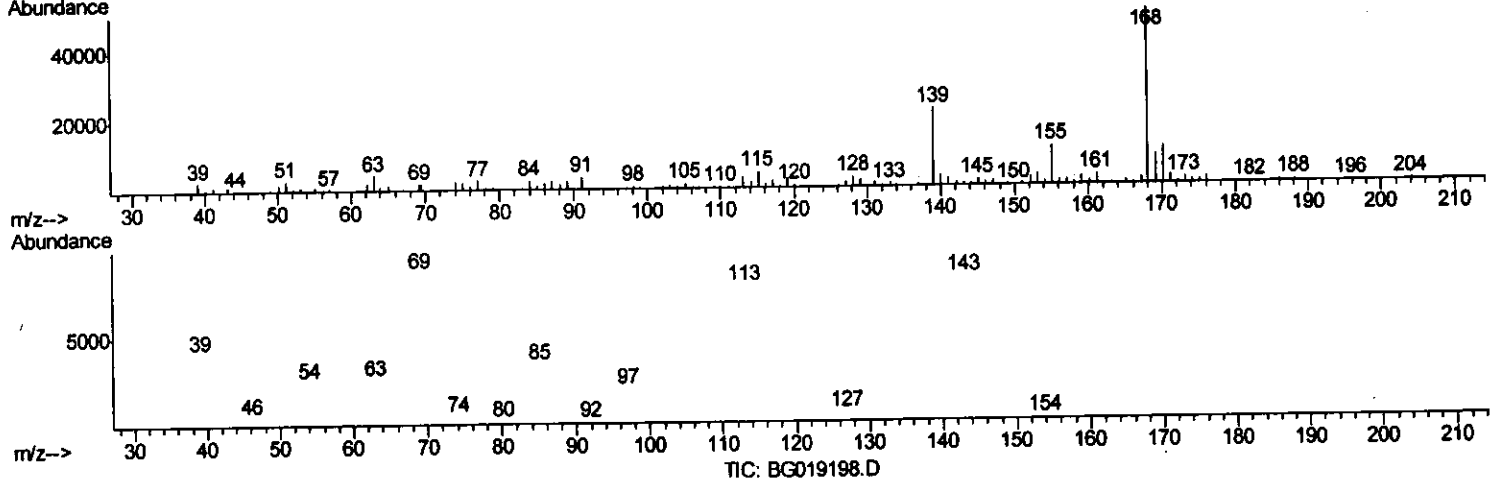
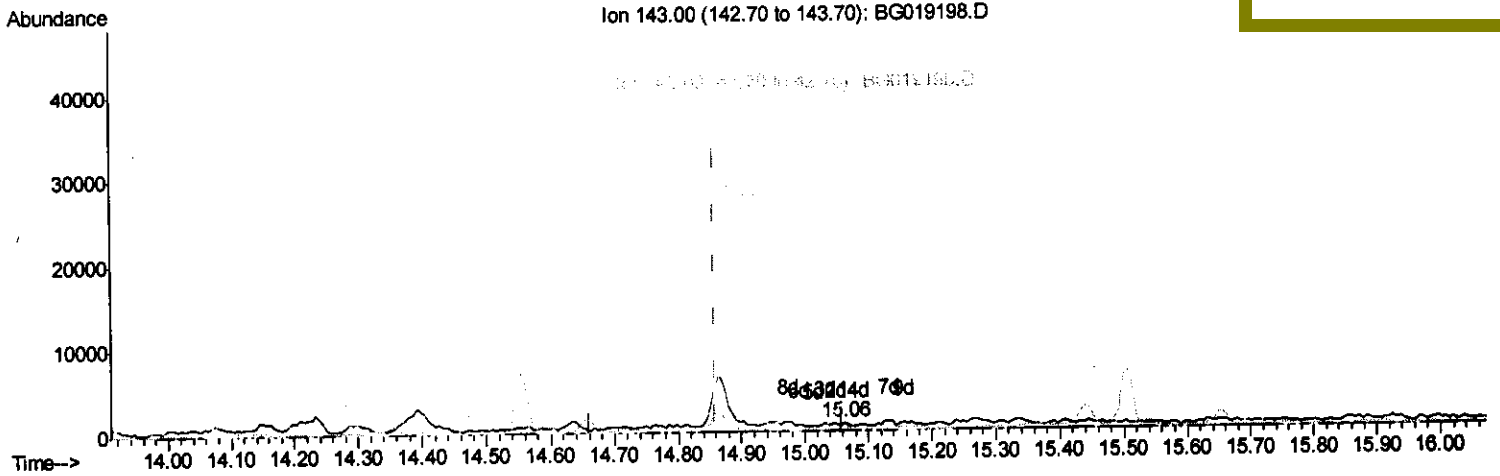
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(52) 4-Nitrophenol-d4 (S)

15.061min (+0.202) 0.24ng/ul

response 231

Ion	Exp%	Act%
143.00	100	100
113.00	73.80	313.91#
41.00	46.80	151.11#
42.00	29.50	19.86#

Quantitation Report (Qedit)

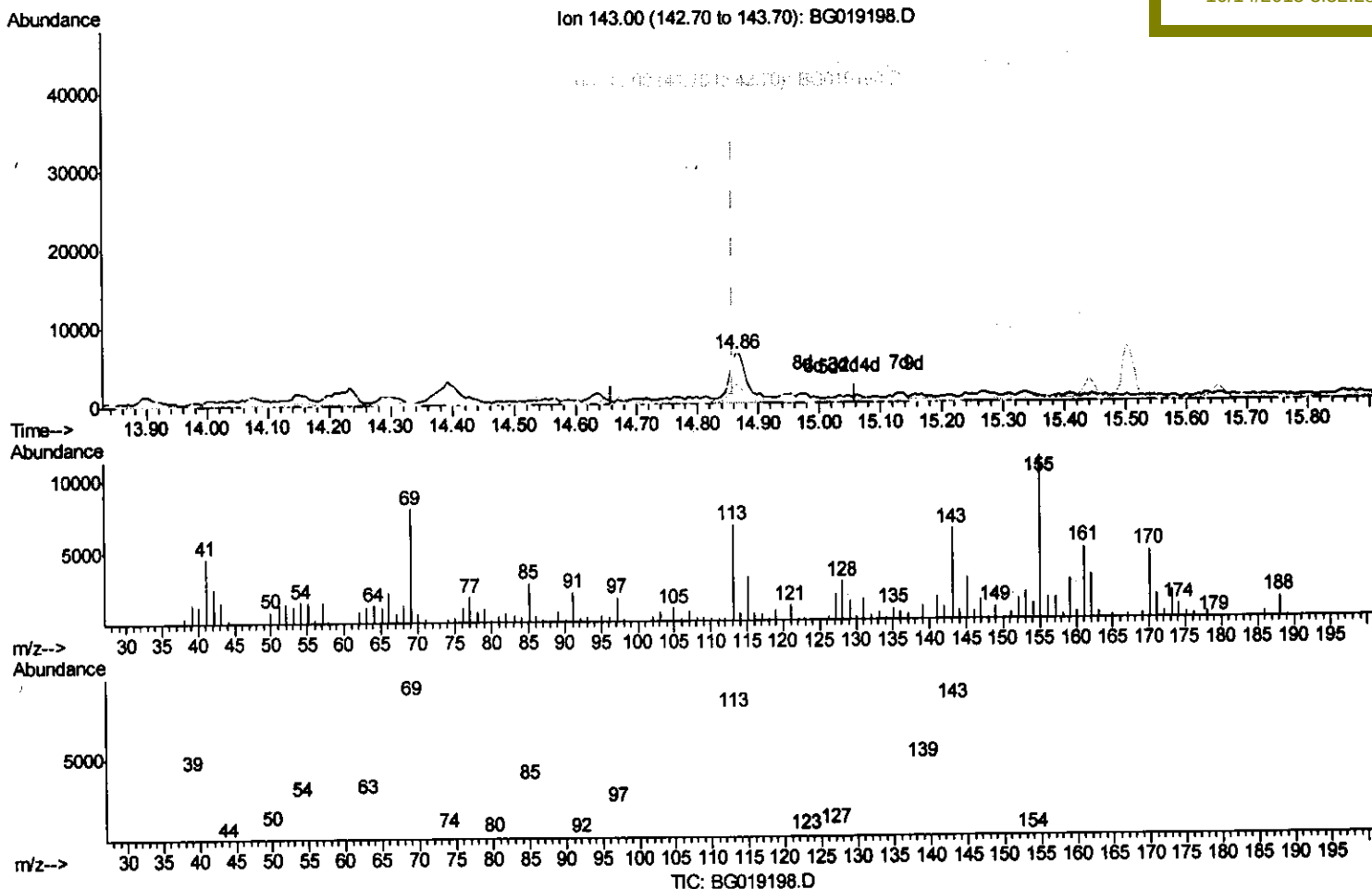
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJO

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(52) 4-Nitrophenol-d4 (S)

14.862min (+0.003) 13.95ng/ul m U.M
 response 13373
 10/15/15

Ion	Exp%	Act%
143.00	100	100
113.00	73.80	105.15#
41.00	46.80	71.84#
42.00	29.50	40.37#

Quantitation Report (Qedit)

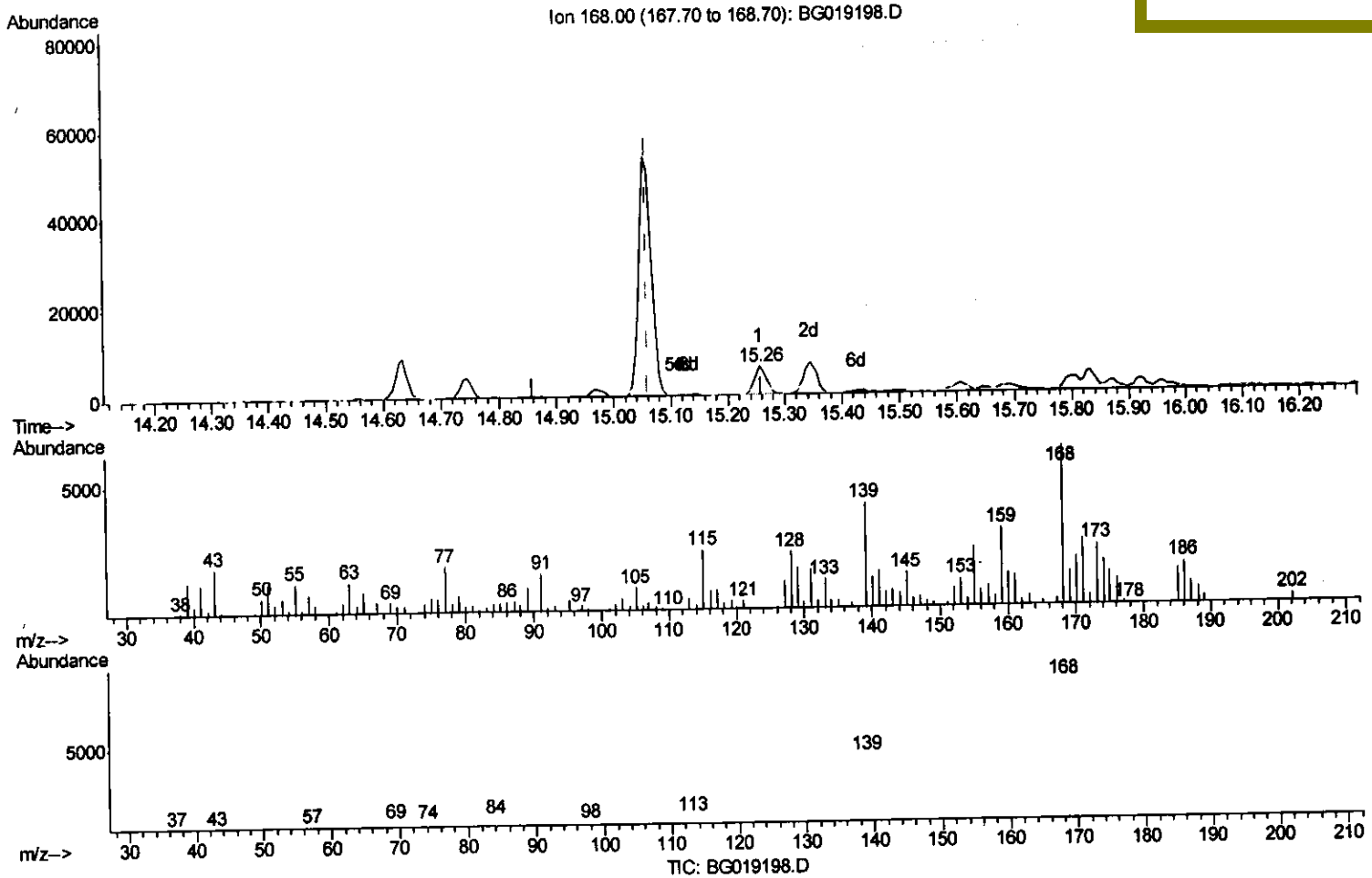
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(54) Dibenzofuran

15.255min (+0.196) 1.55ng/ul

response 8999

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	66.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

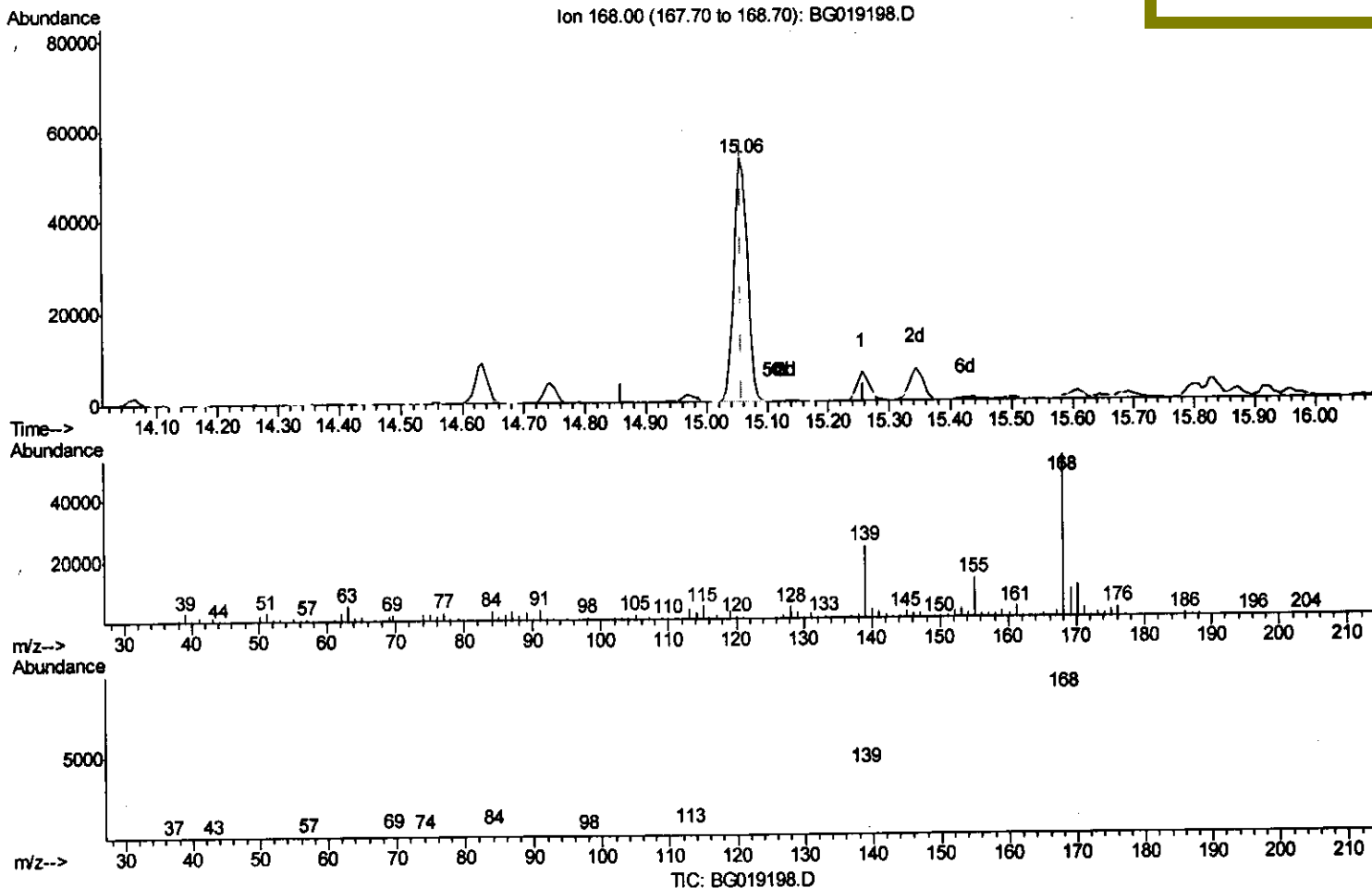
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(54) Dibenzo(f,h)quinoxaline

15.056min (-0.003) 14.18ng/ul m UM

response 82305

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	44.27#
0.00	0.00	0.00
0.00	0.00	0.00

10/15/15

Quantitation Report (Qedit)

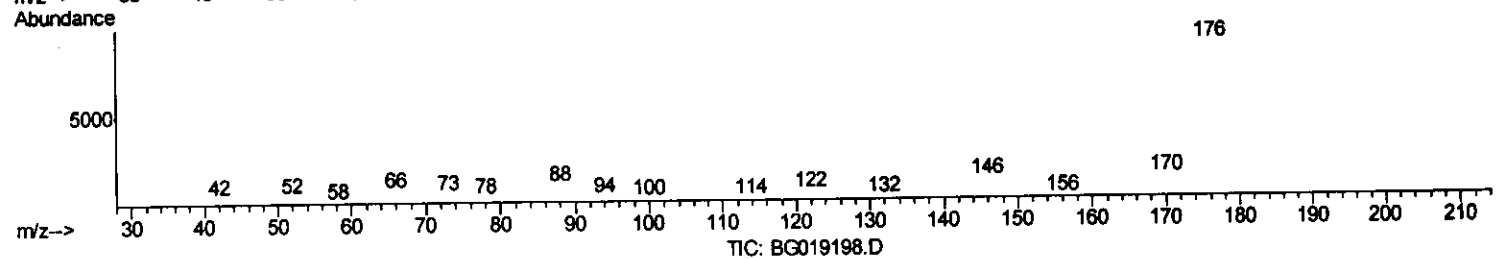
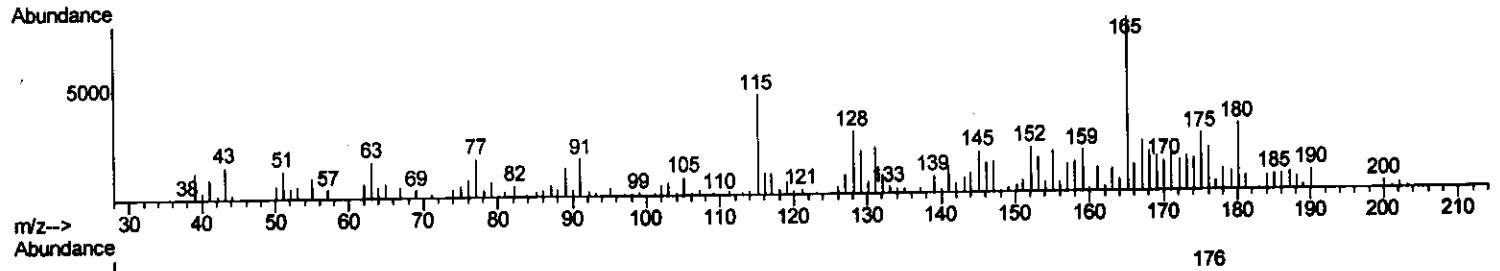
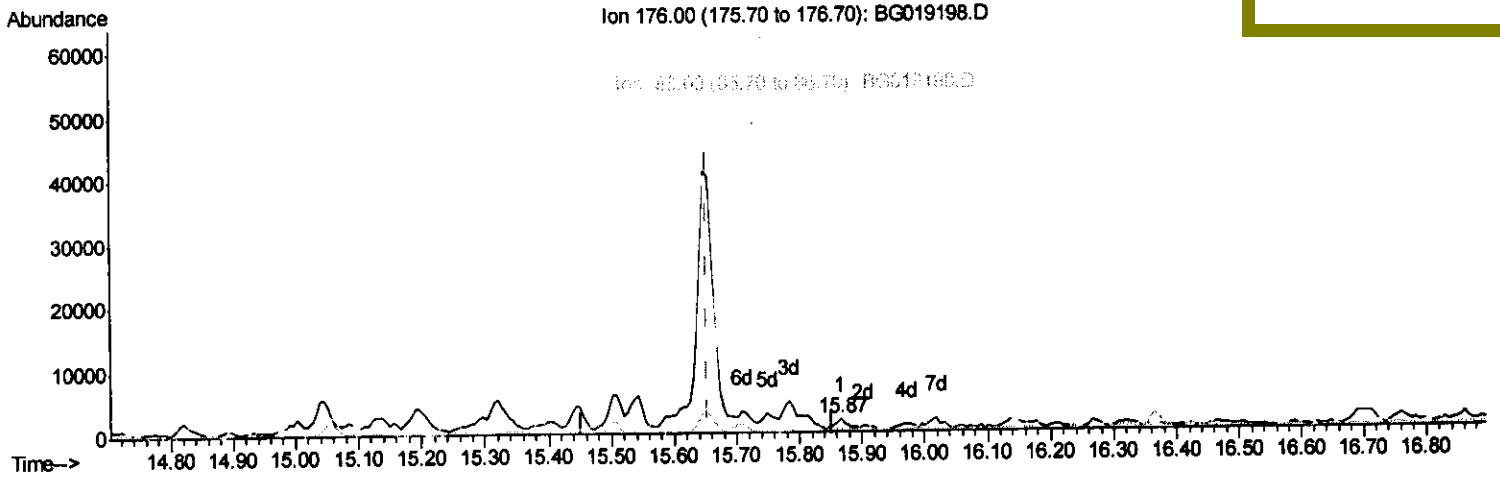
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(58) Fluorene-d10 (S)

15.866min (+0.214) 0.40ng/ul

response 1708

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	77.15#
87.00	12.30	34.22#
86.00	11.30	20.70#

Quantitation Report (Qedit)

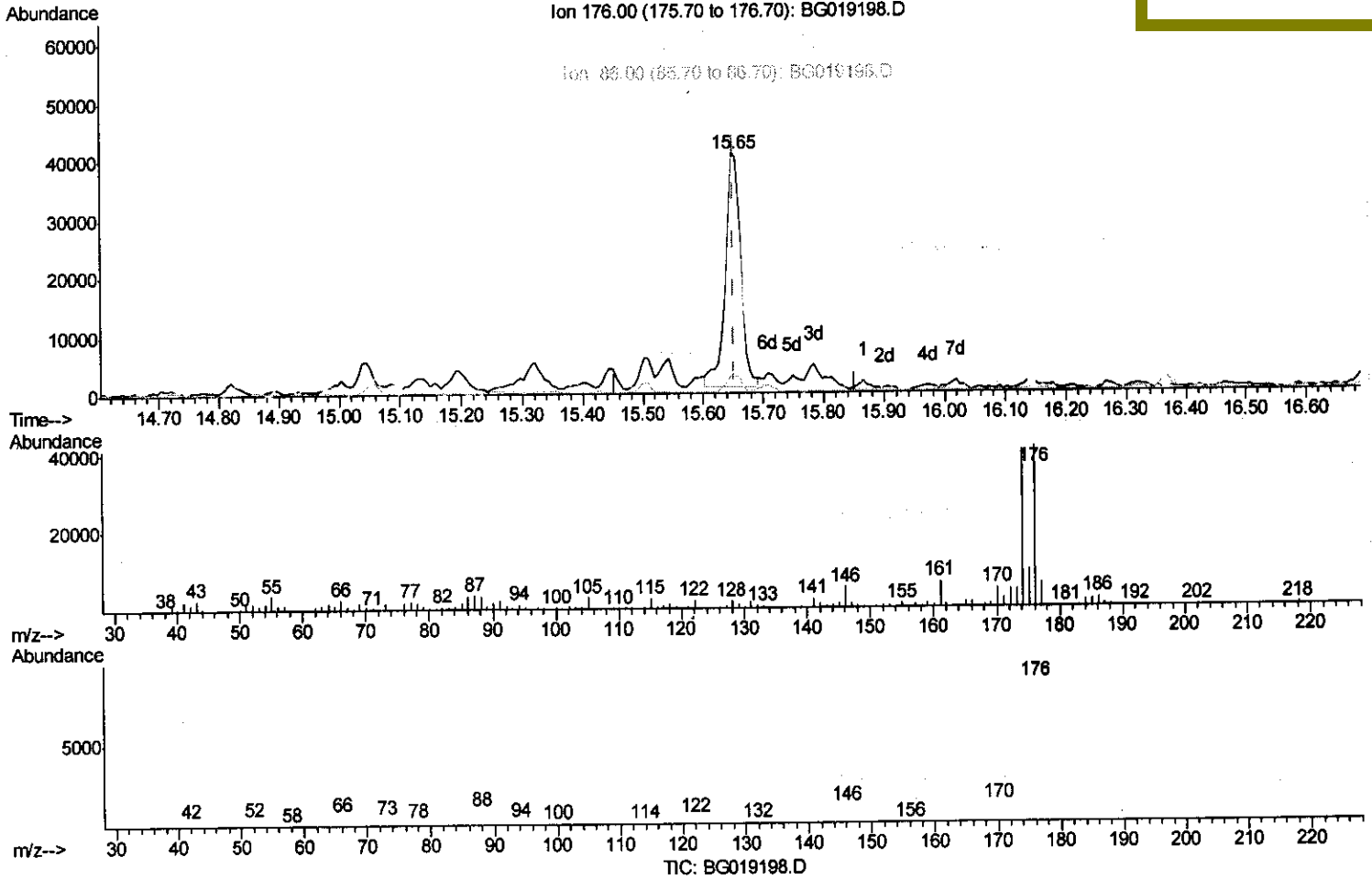
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(58) Fluorene-d10 (S)

15.649min (-0.003) 16.07ng/ul m U.M
 response 69049
 10/15/15

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	98.31
87.00	12.30	9.11#
86.00	11.30	8.52#

Quantitation Report (Qedit)

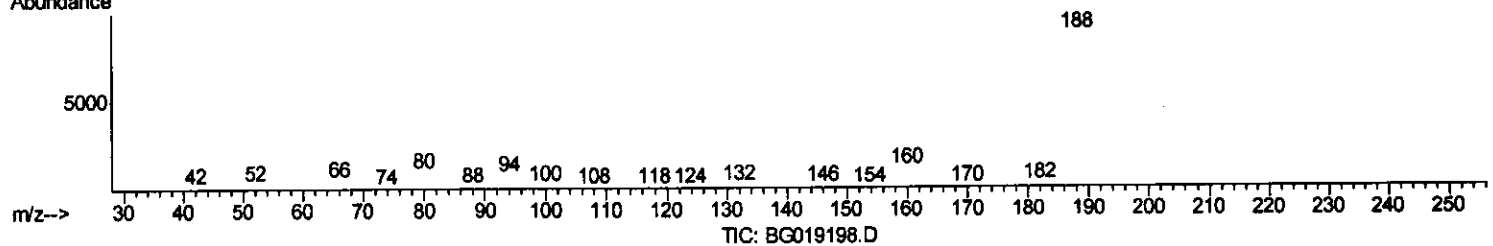
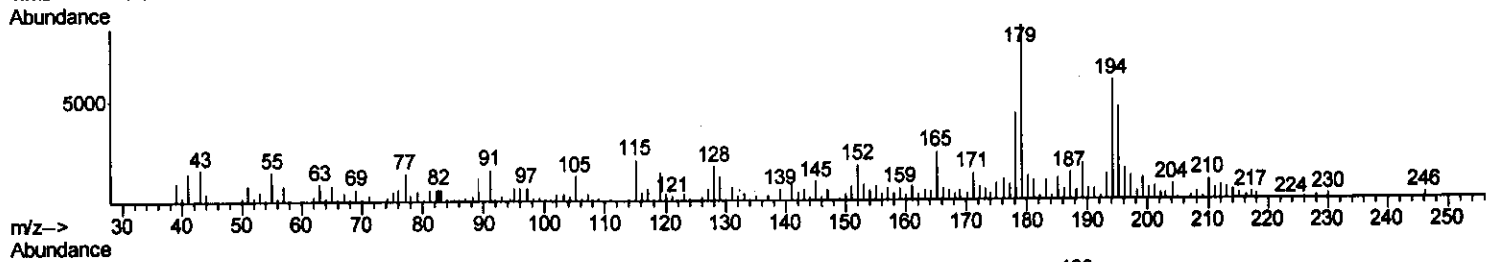
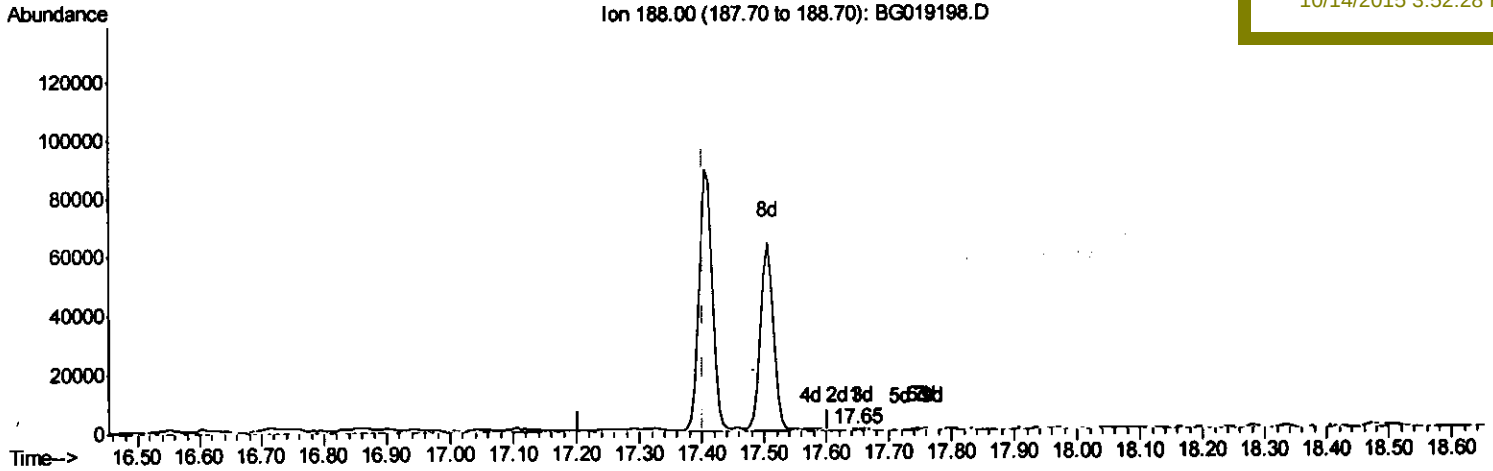
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(62) Phenanthrene-d10 (I)

17.647min (+0.243) 20.00ng/ul

response 307

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	43.55#
80.00	10.90	35.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

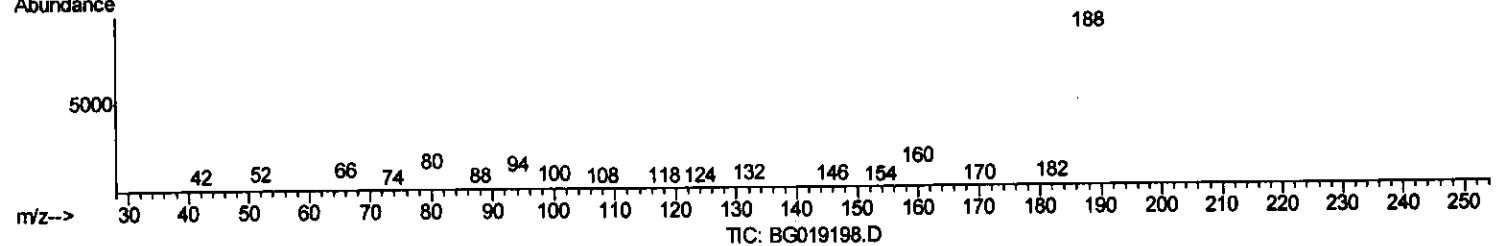
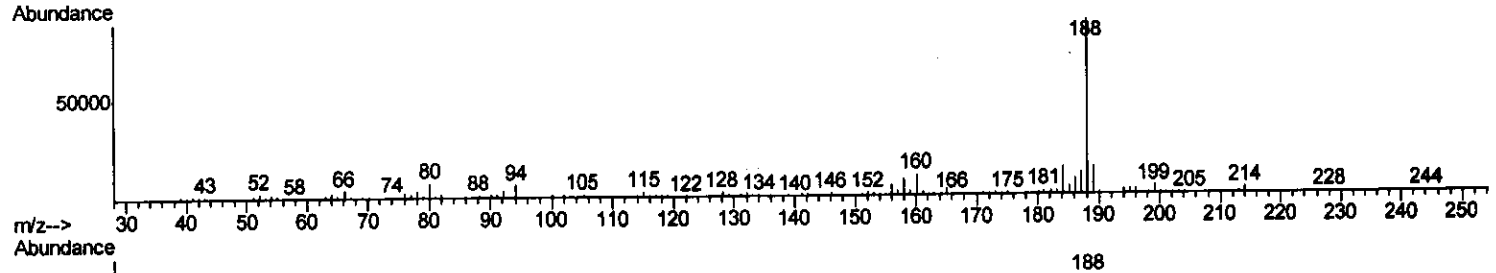
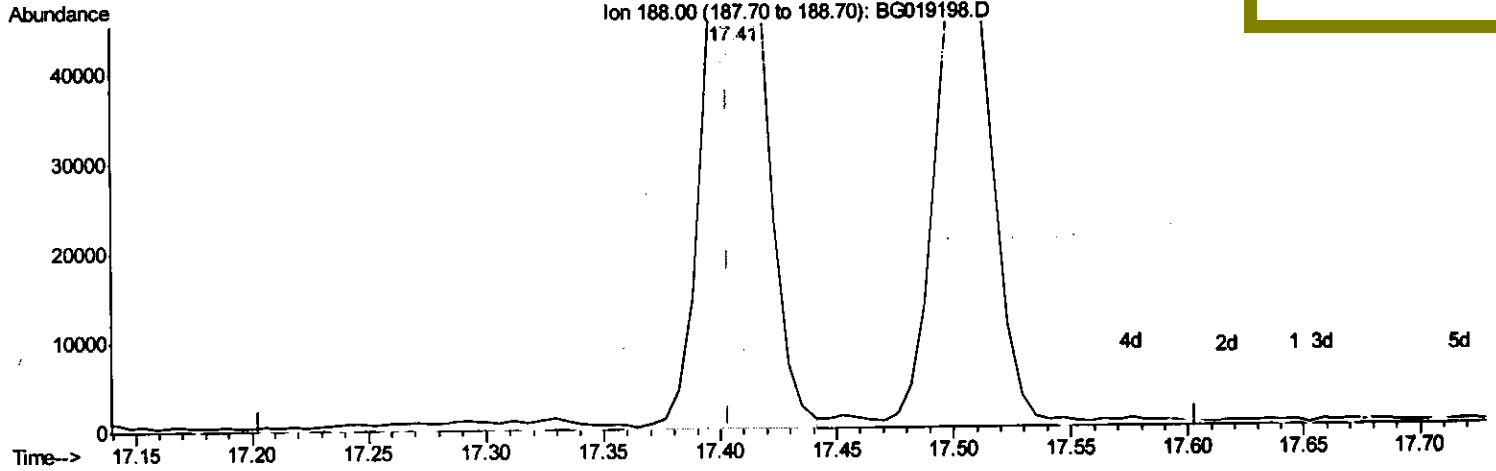
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:23:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(62) Phenanthrene-d10 (I)

17.406min (+0.003) 20.00ng/ul m U.M

response 136066

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.49
80.00	10.90	8.74
0.00	0.00	0.00

10/15/15

Quantitation Report (Qedit)

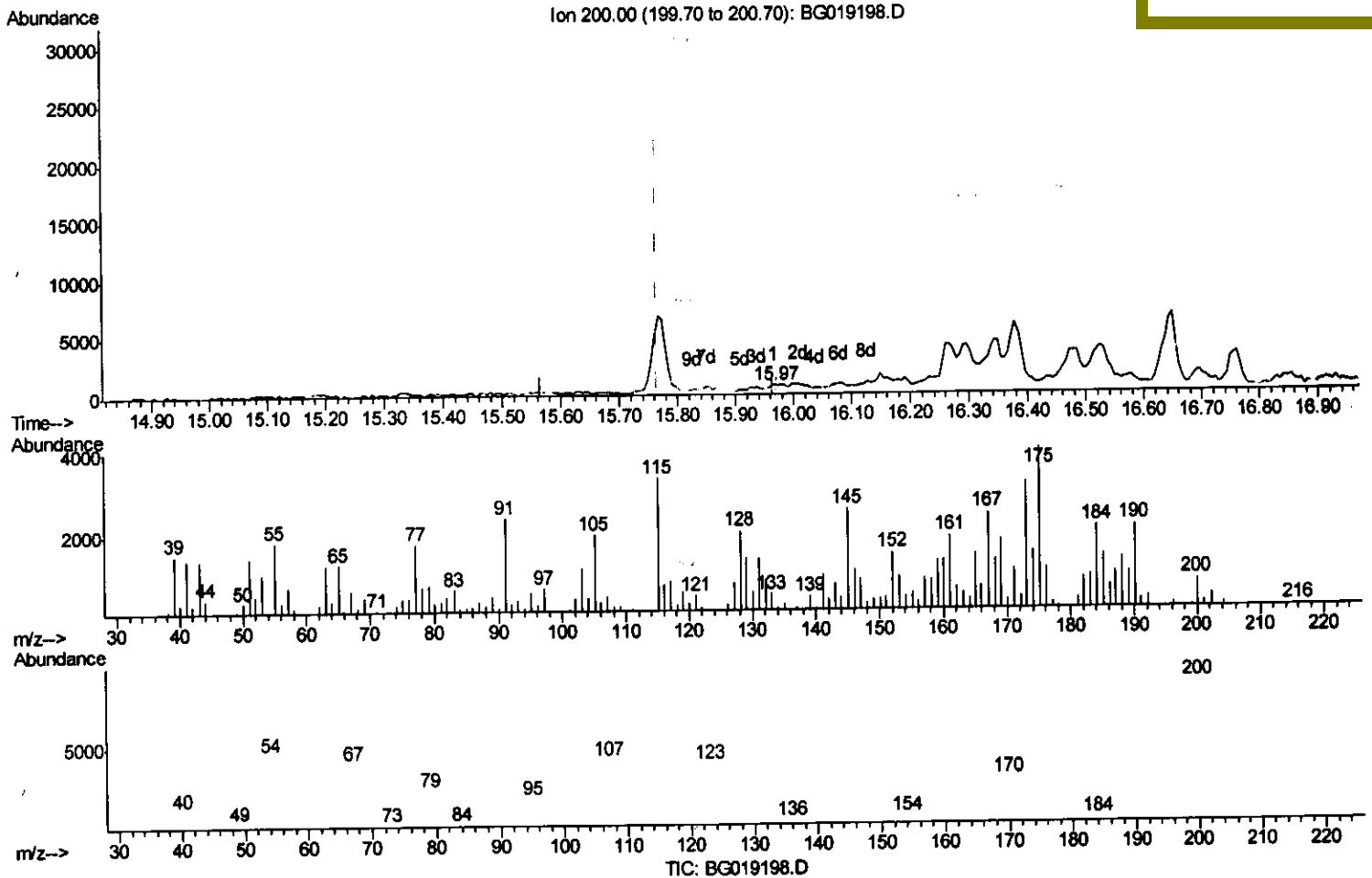
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 05:28:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

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

15.966min (+0.202) 0.43ng/ul

response 320

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	45.97#
52.00	46.30	65.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

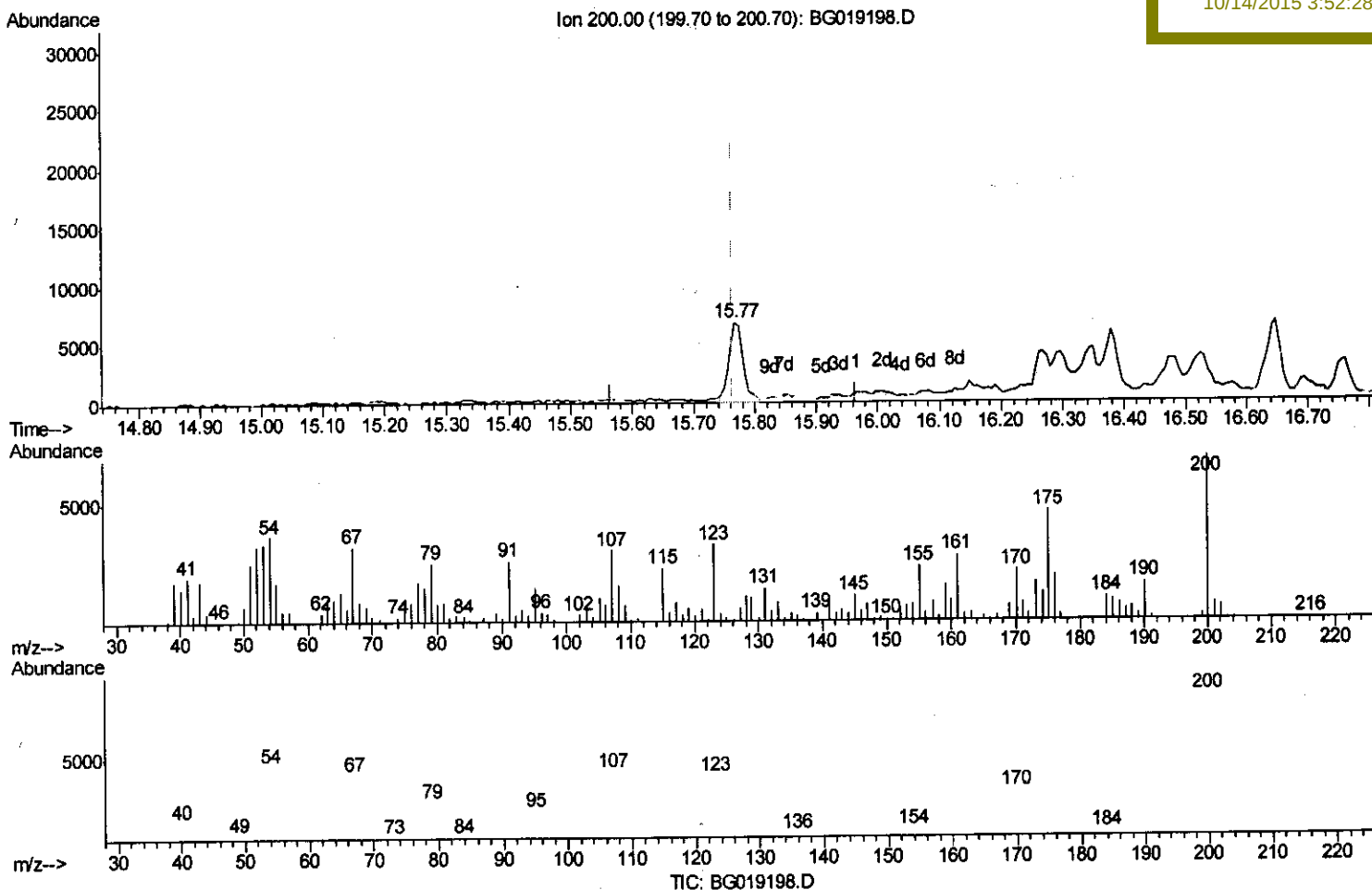
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
Data File : BG019198.D
Acq On : 14 Oct 2015 3:14
Operator : UM/NP
Sample : G3996-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 05:28:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 04:49:14 2015
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
E5LJ0

Manual Integrations
APPROVED

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

15.766min (+0.003) 15.12ng/ul m

response 11160

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	32.19#
52.00	46.30	47.96
0.00	0.00	0.00

U.M
10/15/15

Quantitation Report (Qedit)

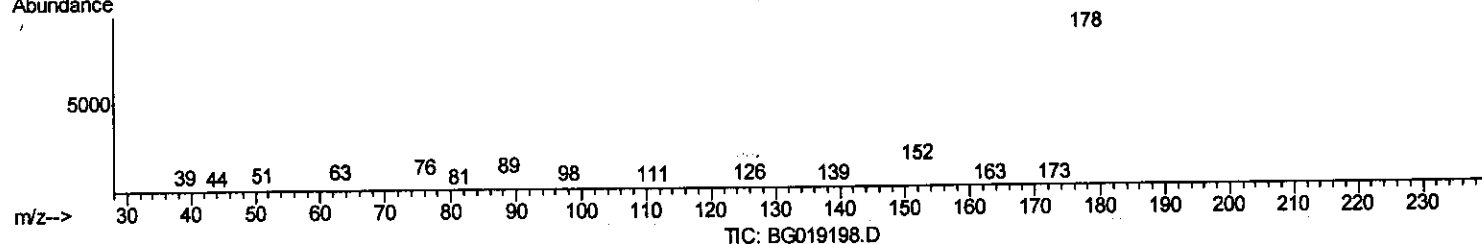
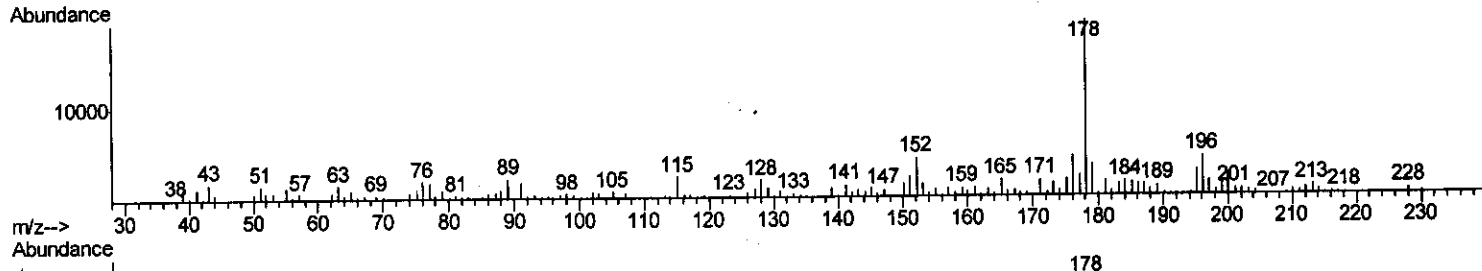
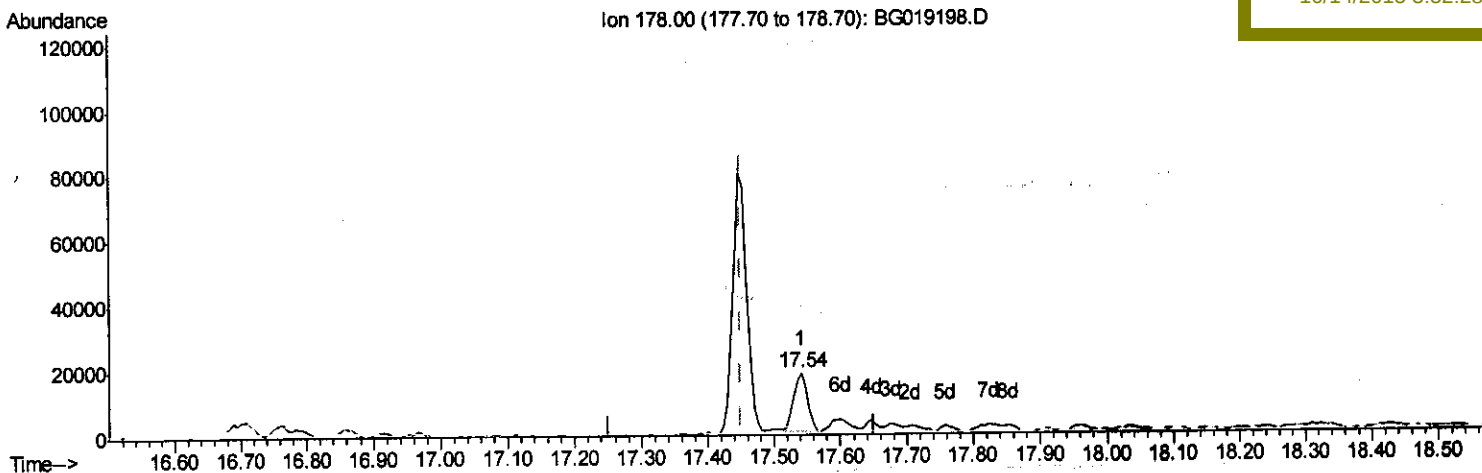
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(70) Phenanthrene

17.541min (+0.091) 3.39ng/ul

response 25952

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	18.22
176.00	19.20	22.95
0.00	0.00	0.00

Quantitation Report (Qedit)

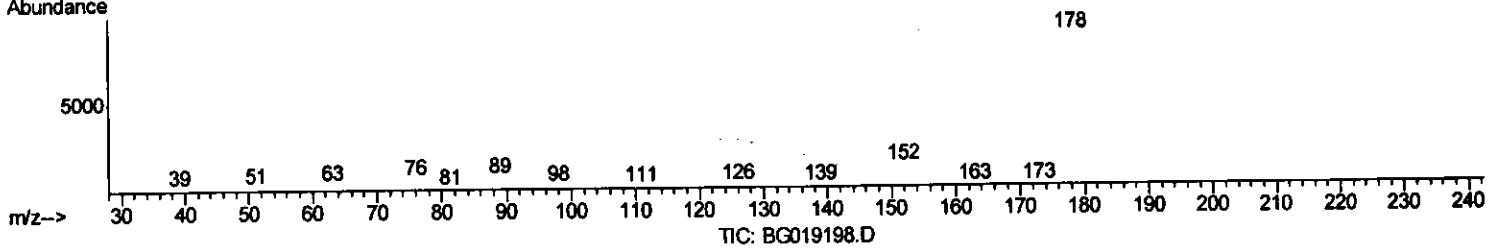
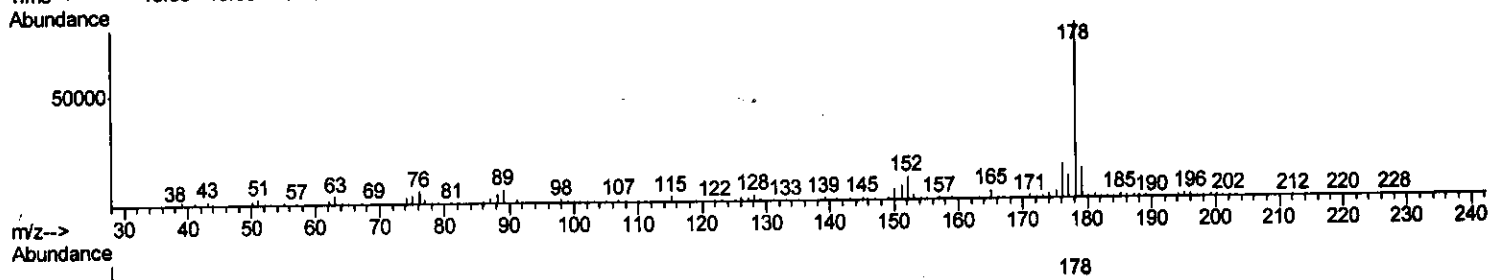
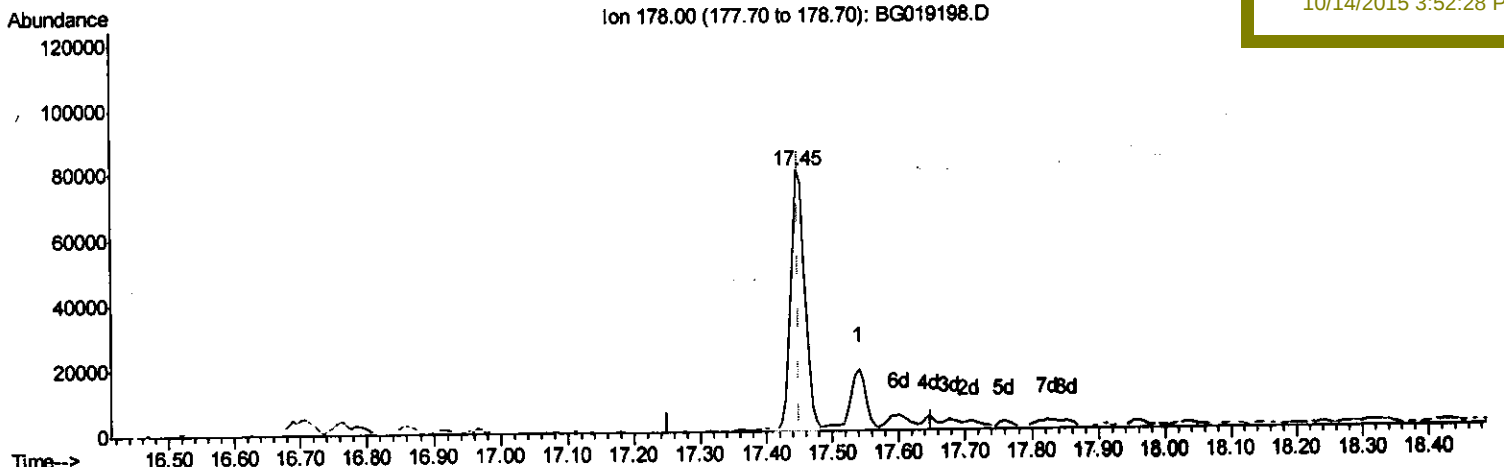
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(70) Phenanthrene

17.447min (-0.003) 15.53ng/ul m U.M

response 119045

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.23
176.00	19.20	19.60
0.00	0.00	0.00

Quantitation Report (Qedit)

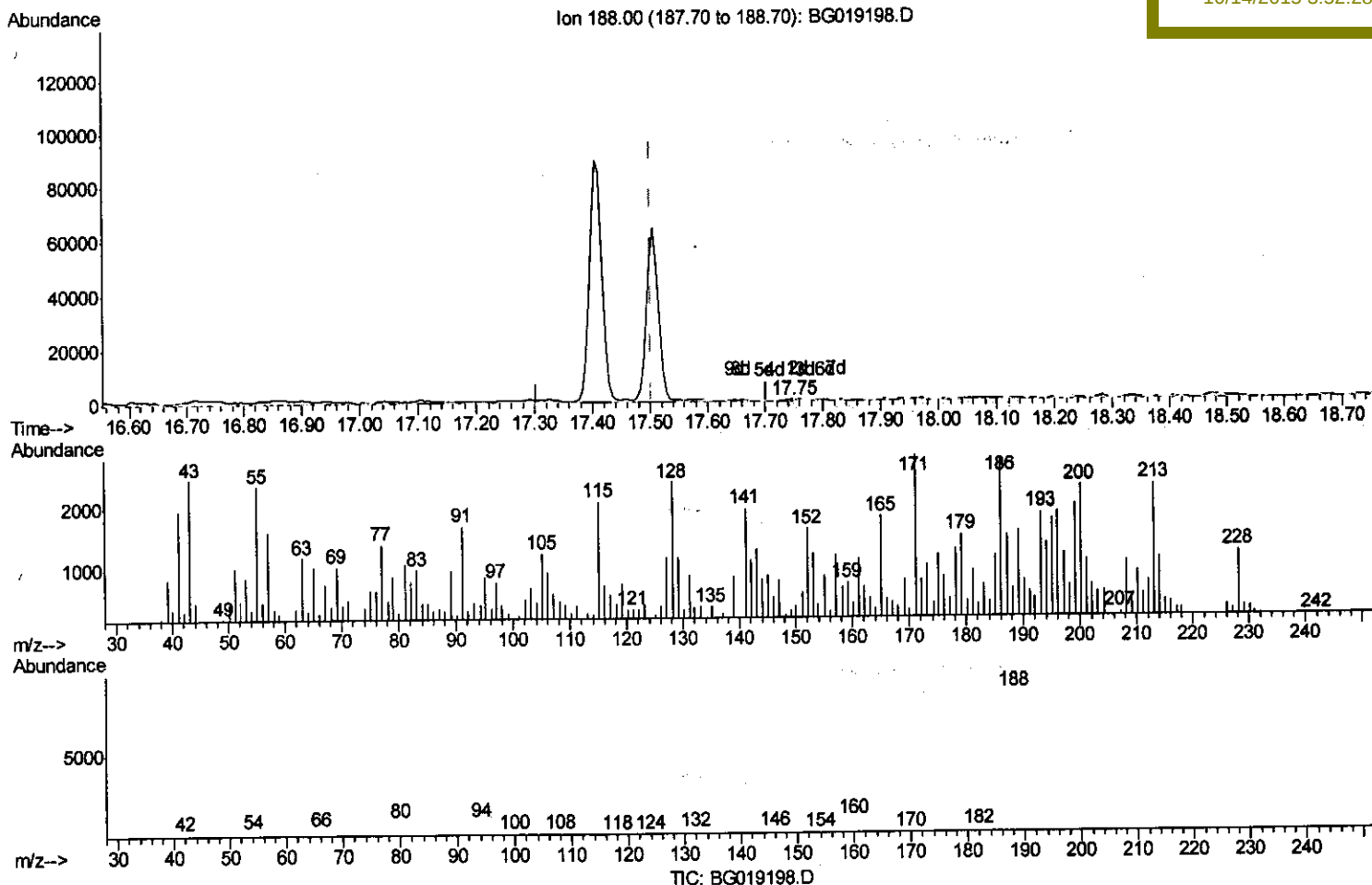
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJO

Quant Time: Oct 14 05:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(71) Anthracene-d10 (S)

17.747min (+0.243) 0.02ng/ul

response 103

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	62.99#
80.00	9.40	41.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

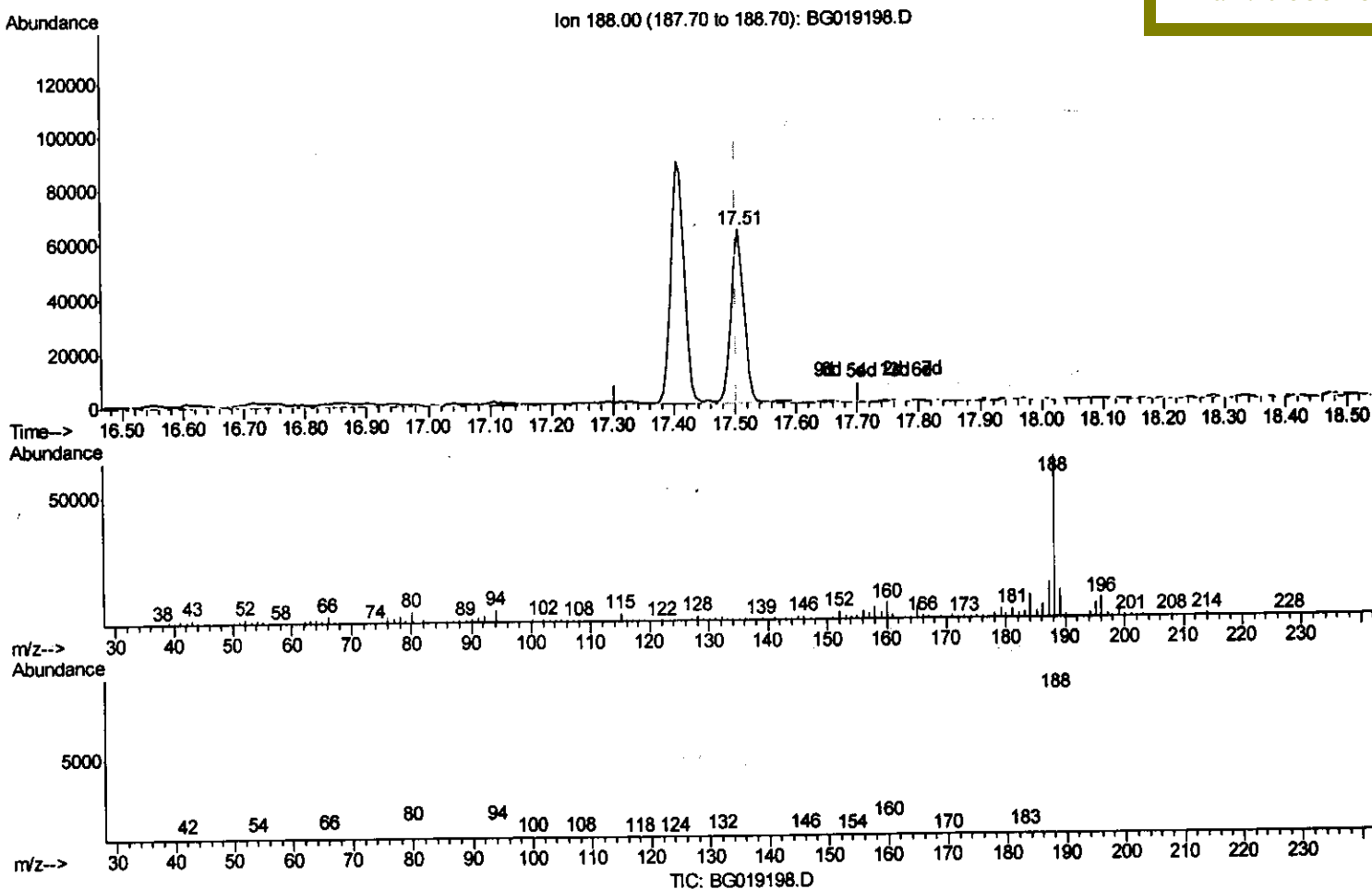
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:29:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(71) Anthracene-d10 (S)

17.506min (+0.003) 14.75ng/ul m

response 94484

Ion Exp% Act%

188.00 100 100

94.00 10.20 8.03#

80.00 9.40 7.26#

0.00 0.00 0.00

Quantitation Report (Qedit)

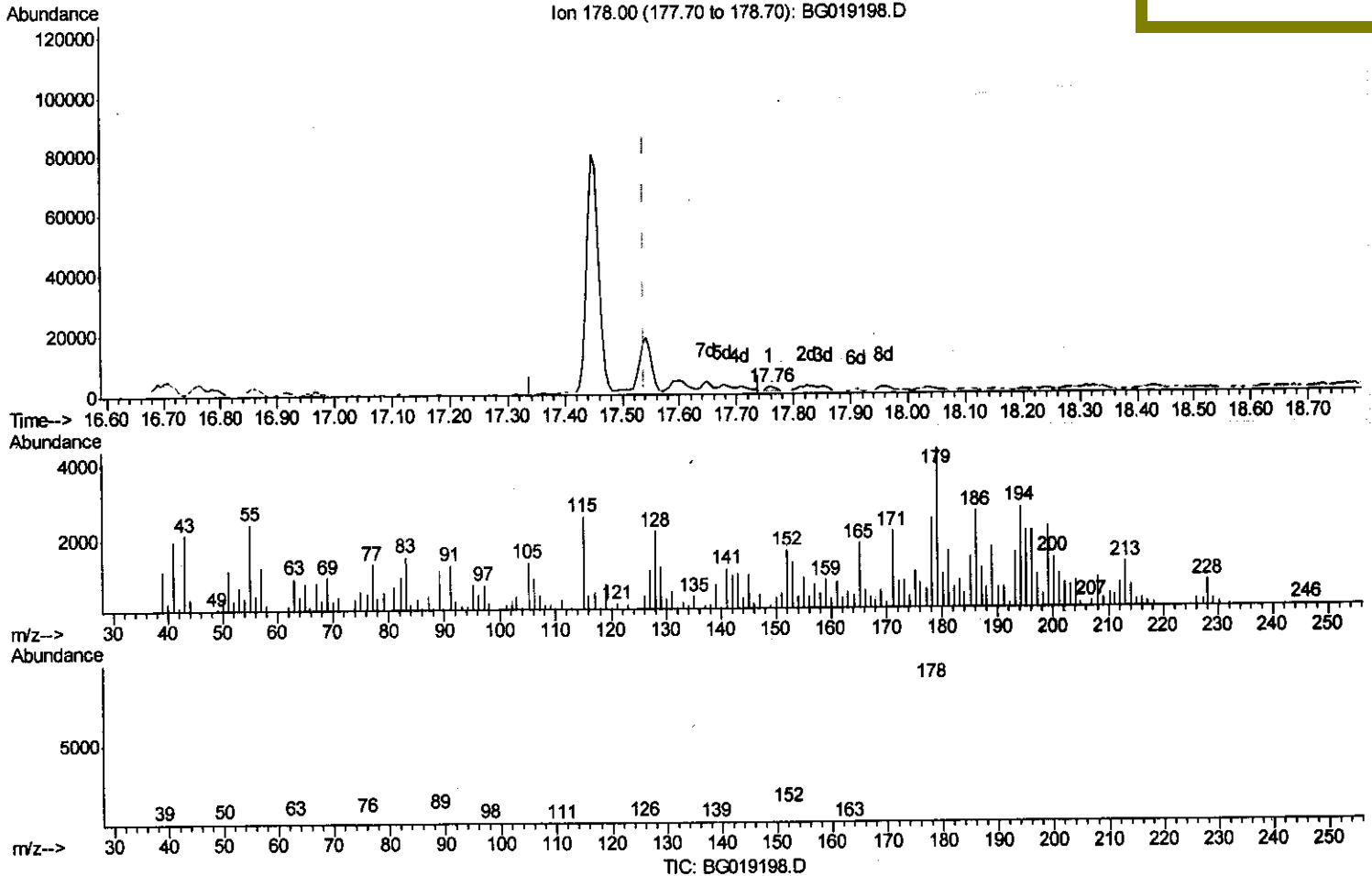
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(72) Anthracene

17.758min (+0.220) 0.26ng/ui

response 2007

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	175.31#
176.00	18.80	33.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

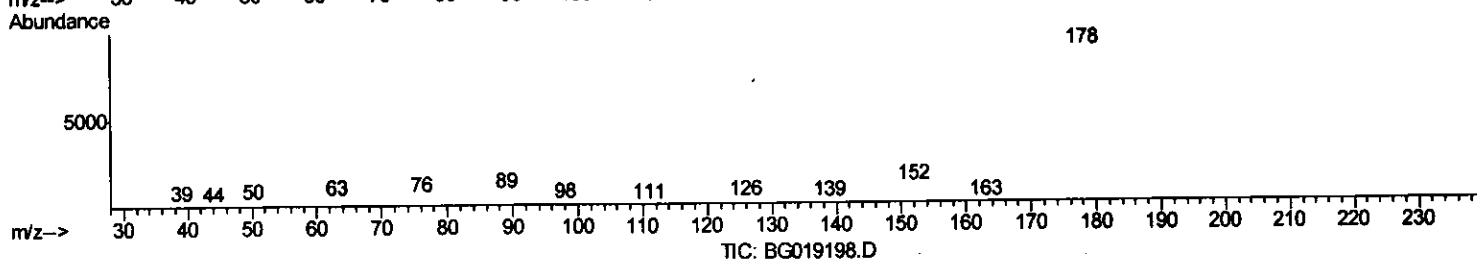
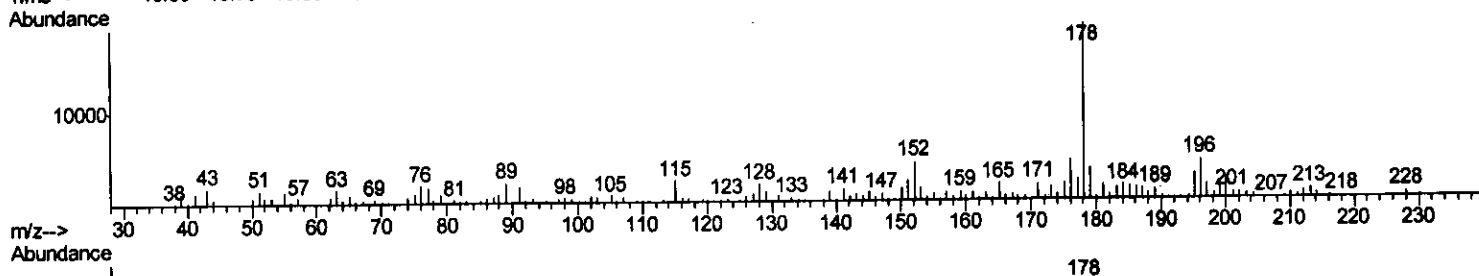
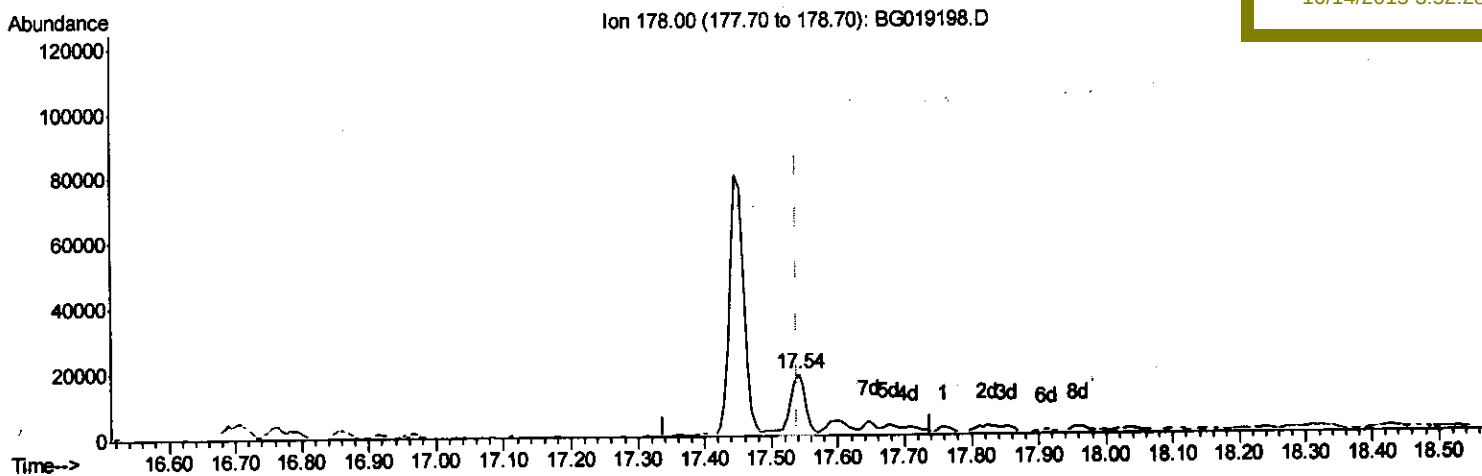
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(72) Anthracene

17.541min (+0.003) 3.83ng/ul m U.M

response 29634

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.22
176.00	18.80	22.95#
0.00	0.00	0.00

10/15/15

Quantitation Report (Qedit)

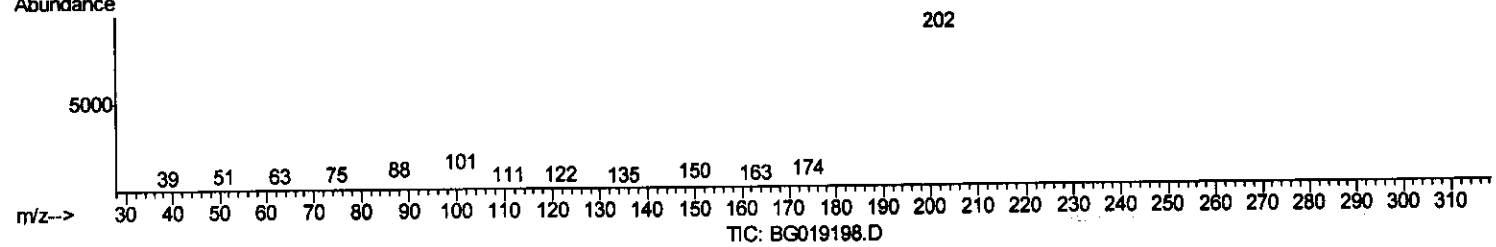
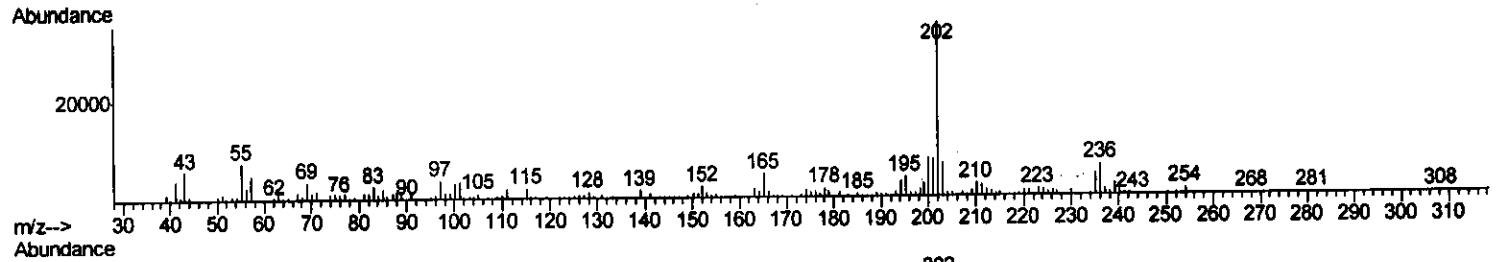
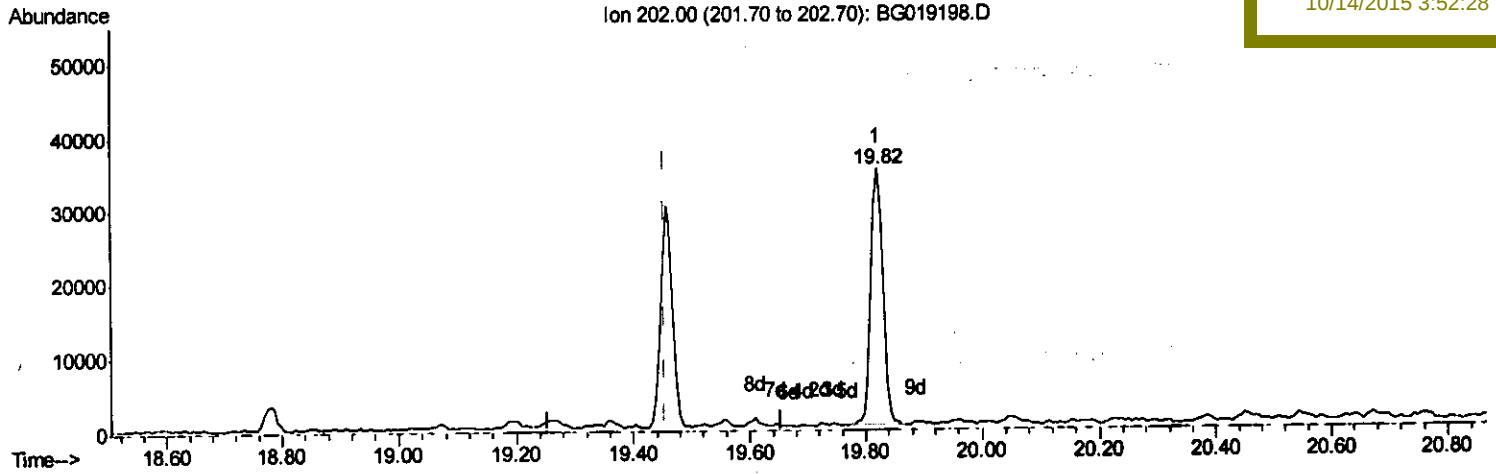
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(77) Fluoranthene (C)

19.821min (+0.367) 5.62ng/ul

response 50160

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	10.20
100.00	8.60	9.01
0.00	0.00	0.00

Quantitation Report (Qedit)

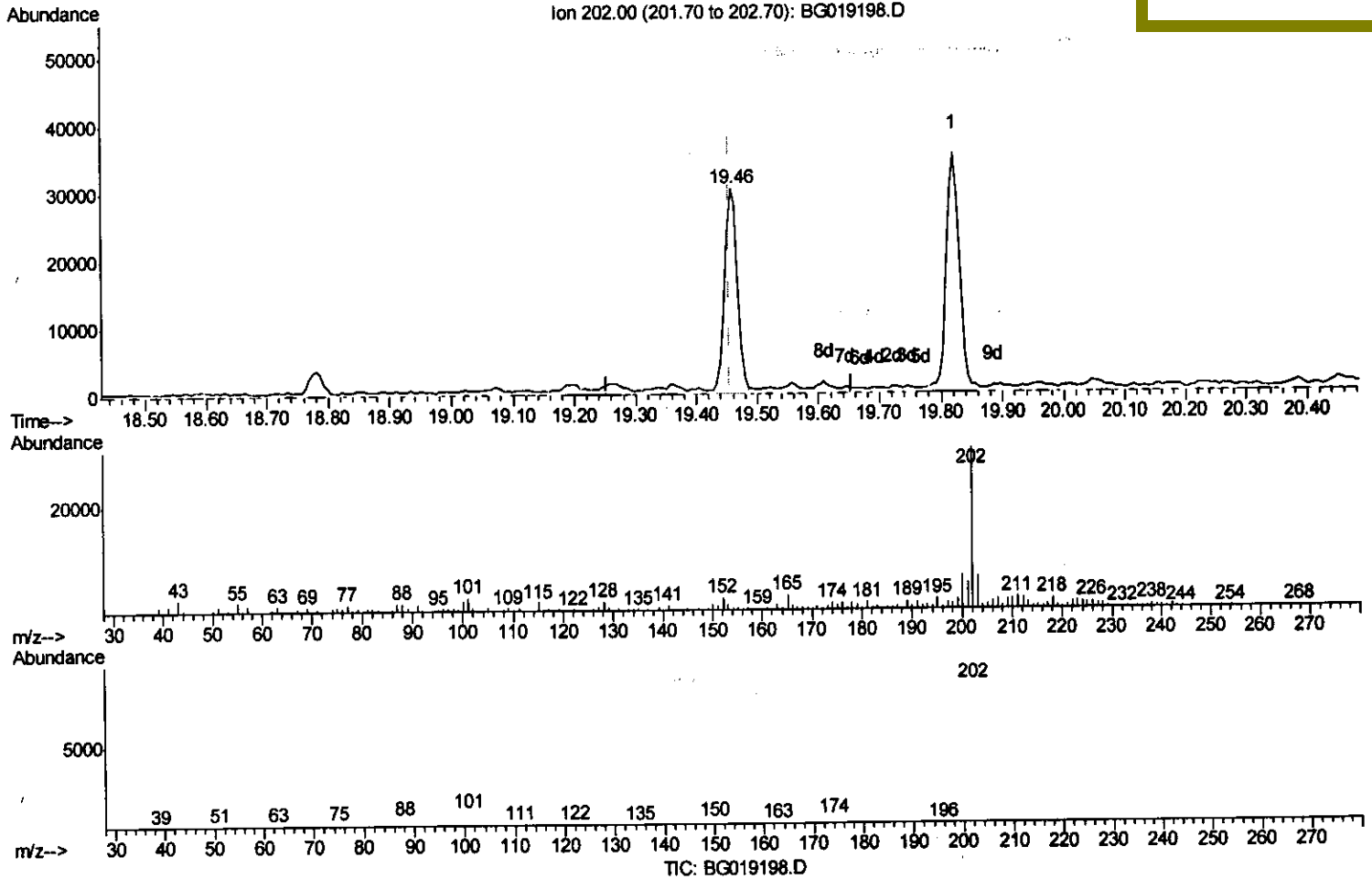
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(77) Fluoranthene (C)

19.456min (+0.003) 4.97ng/ul m UM

response 44325

10/15/15

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	8.93#
100.00	8.60	6.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

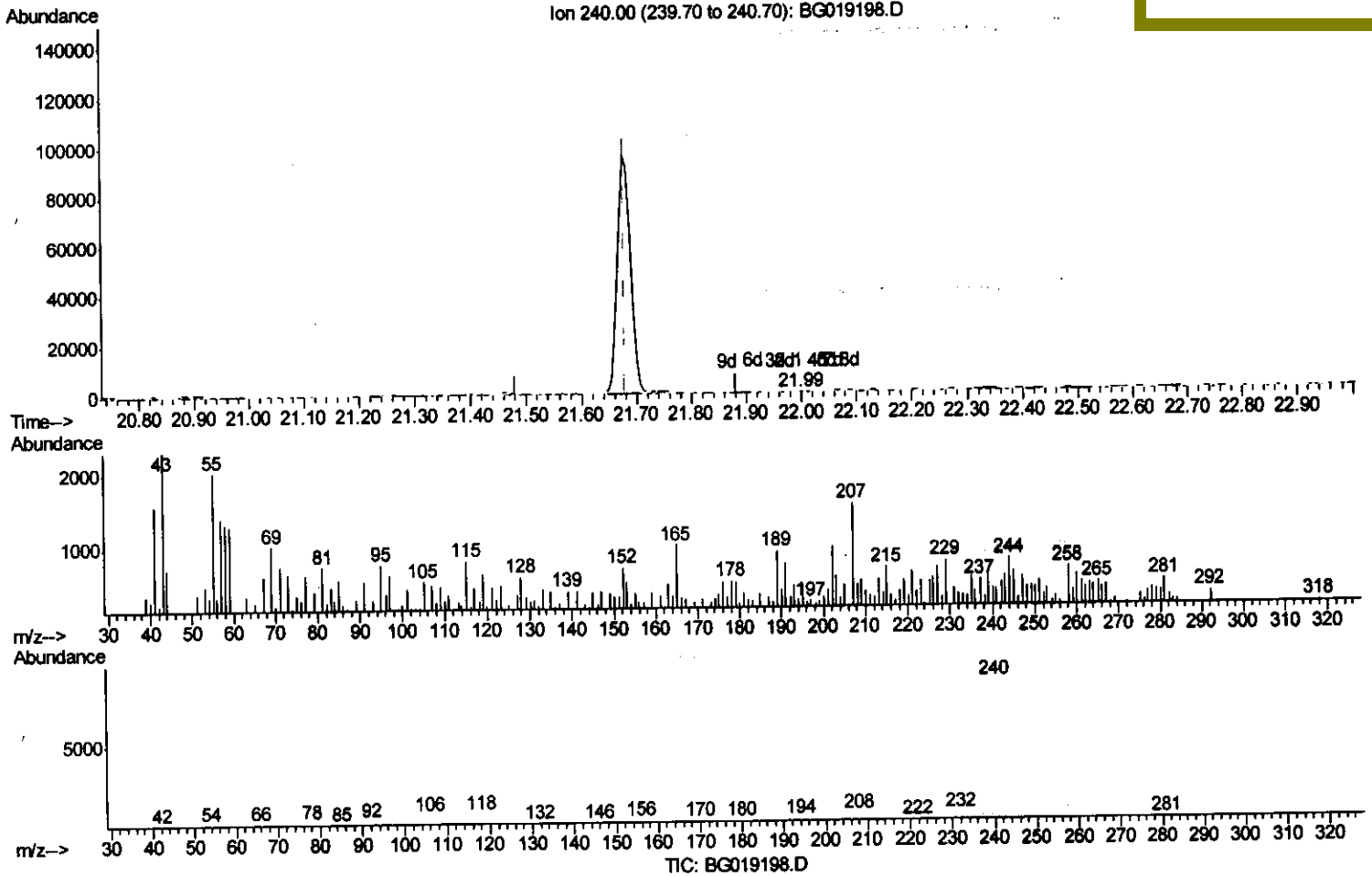
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(78) Chrysene-d12 (I)

21.994min (+0.314) 20.00ng/ui

response 191

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	52.44#
236.00	26.00	88.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

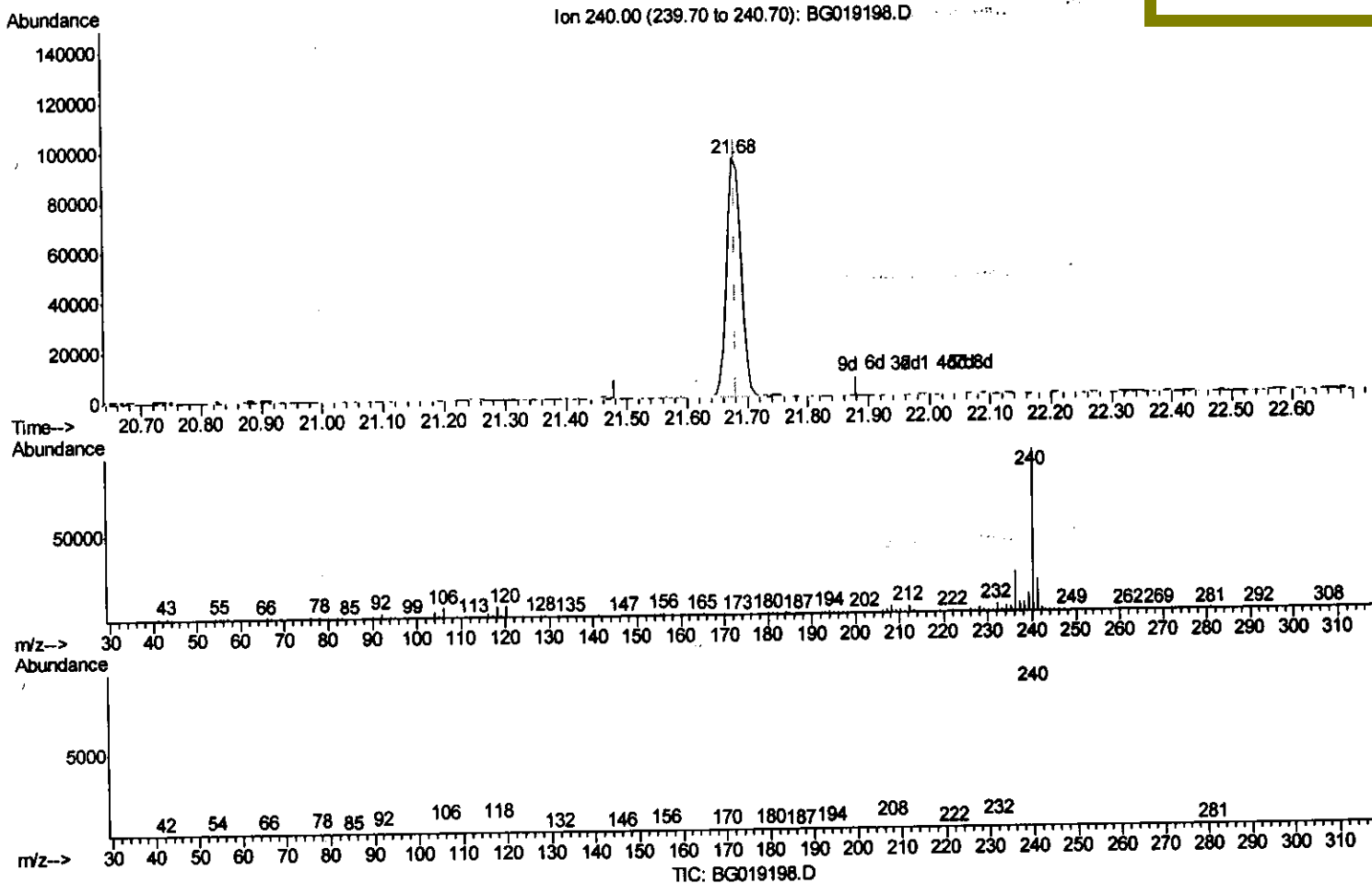
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 E5LJ0

Quant Time: Oct 14 05:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(78) Chrysene-d12 (I)

21.677min (-0.003) 20.00ng/ul m U.M
 response 158962
 10/15/15

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	6.80#
236.00	26.00	24.67
0.00	0.00	0.00

Quantitation Report (Qedit)

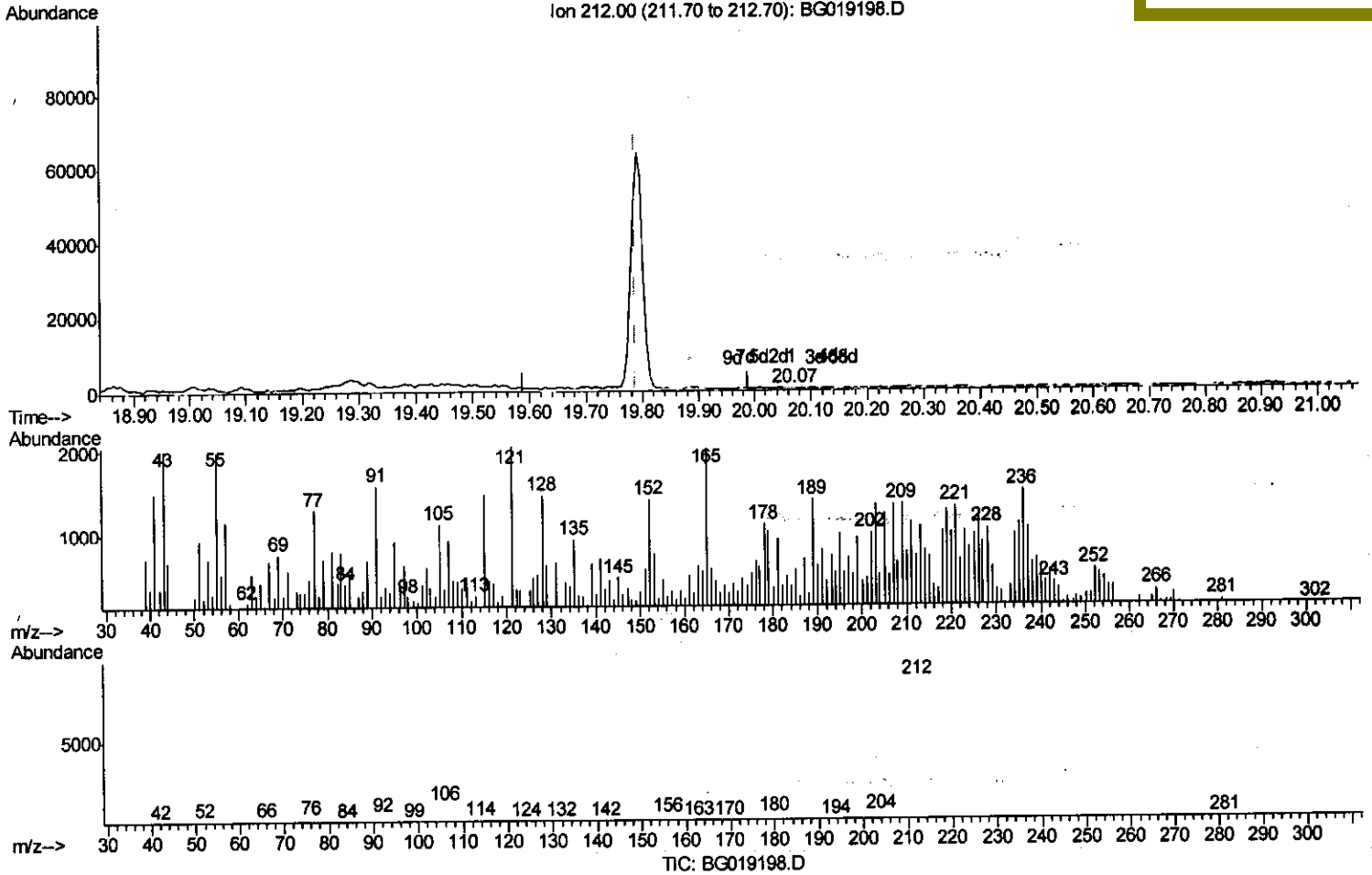
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(79) Pyrene-d10 (S)

20.067min (+0.279) 0.03ng/ul

response 231

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	48.71#
104.00	9.60	37.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

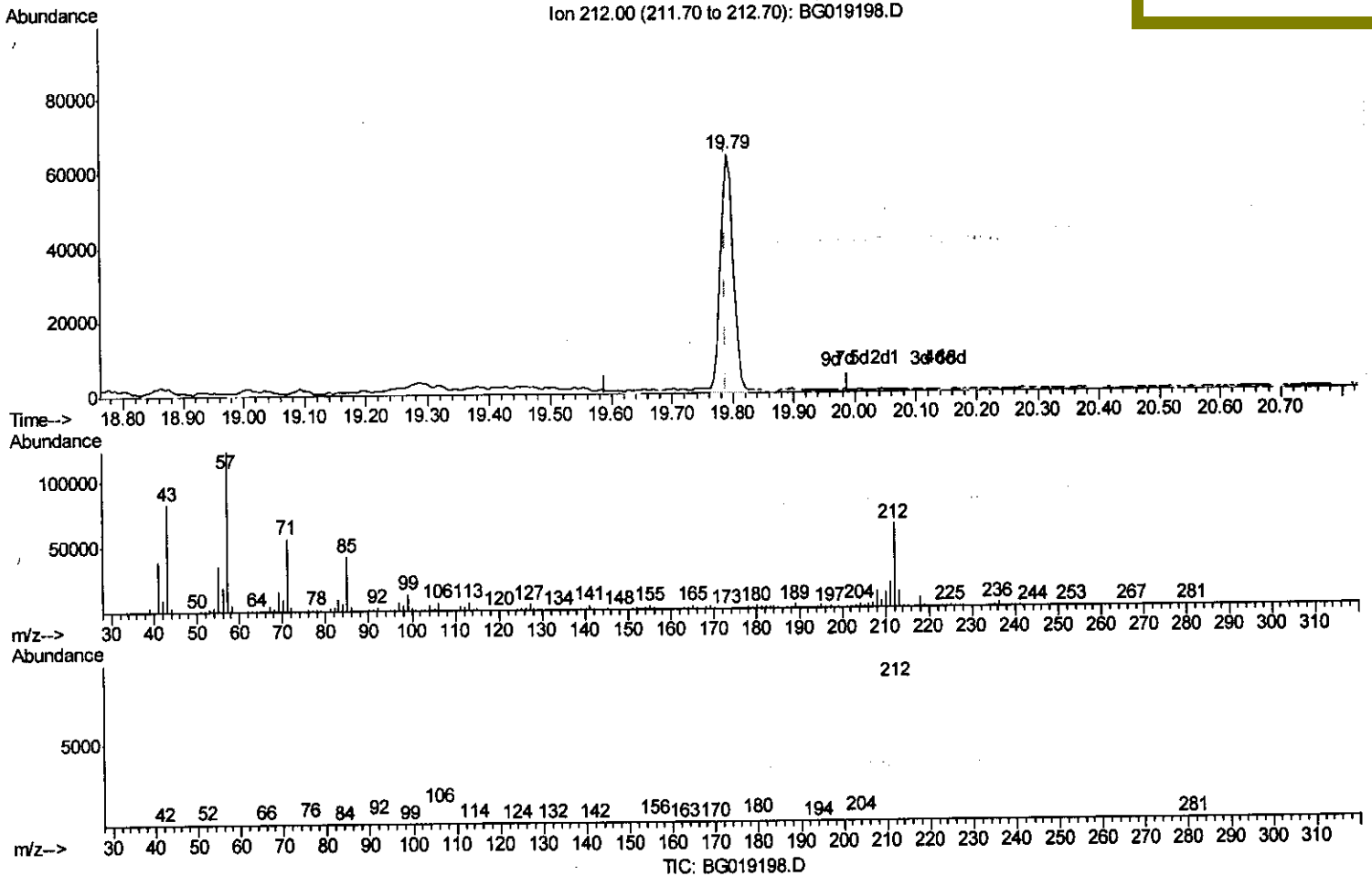
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLJO

Quant Time: Oct 14 05:34:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(79) Pyrene-d10 (S)

19.791min (+0.003) 12.86ng/ul m

response 94647

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	9.52#
104.00	9.60	7.27#
0.00	0.00	0.00

UM
 10/15/15

Quantitation Report (Qedit)

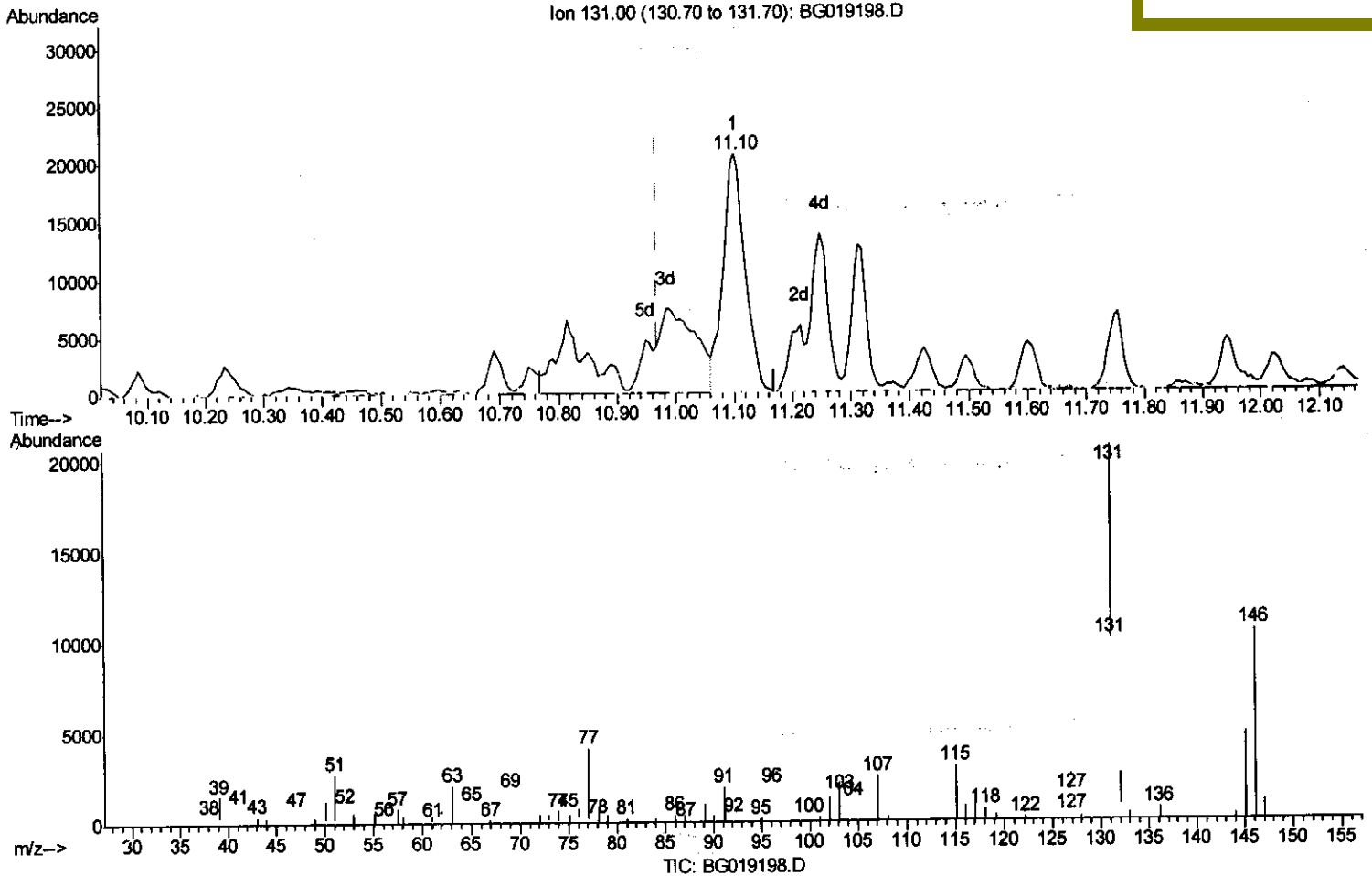
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJO

Quant Time: Oct 14 05:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(29) 4-Chloroaniline-d4 (S)

11.101min (+0.132) 31.31ng/ul

response 54371

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	1.74#
69.00	17.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

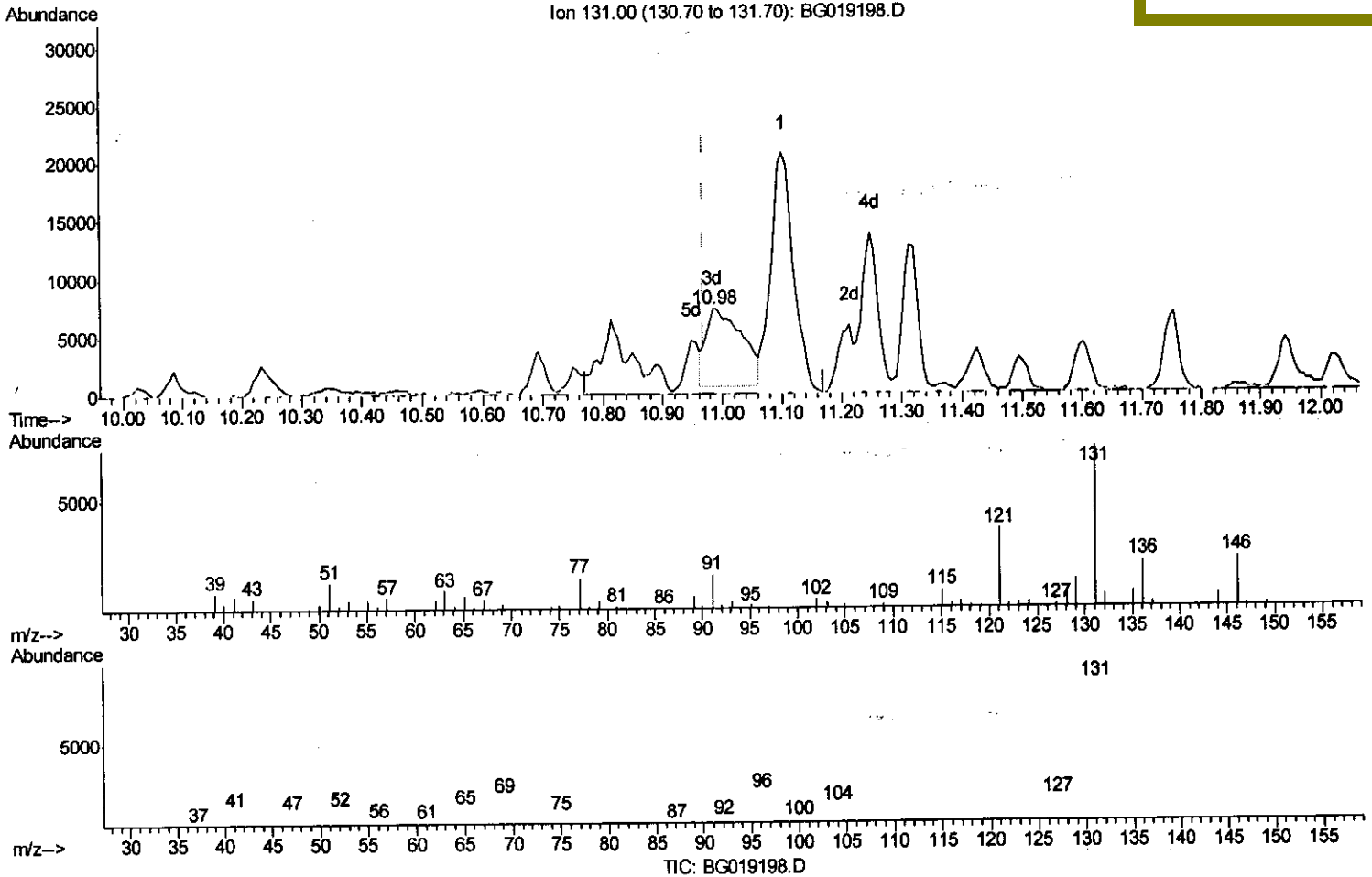
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LJO

Quant Time: Oct 14 05:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(29) 4-Chloroaniline-d4 (S)

10.984min (+0.014) 16.12ng/ul m *UM*

response 27987 *10/15/15*

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	2.54#
69.00	17.00	4.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

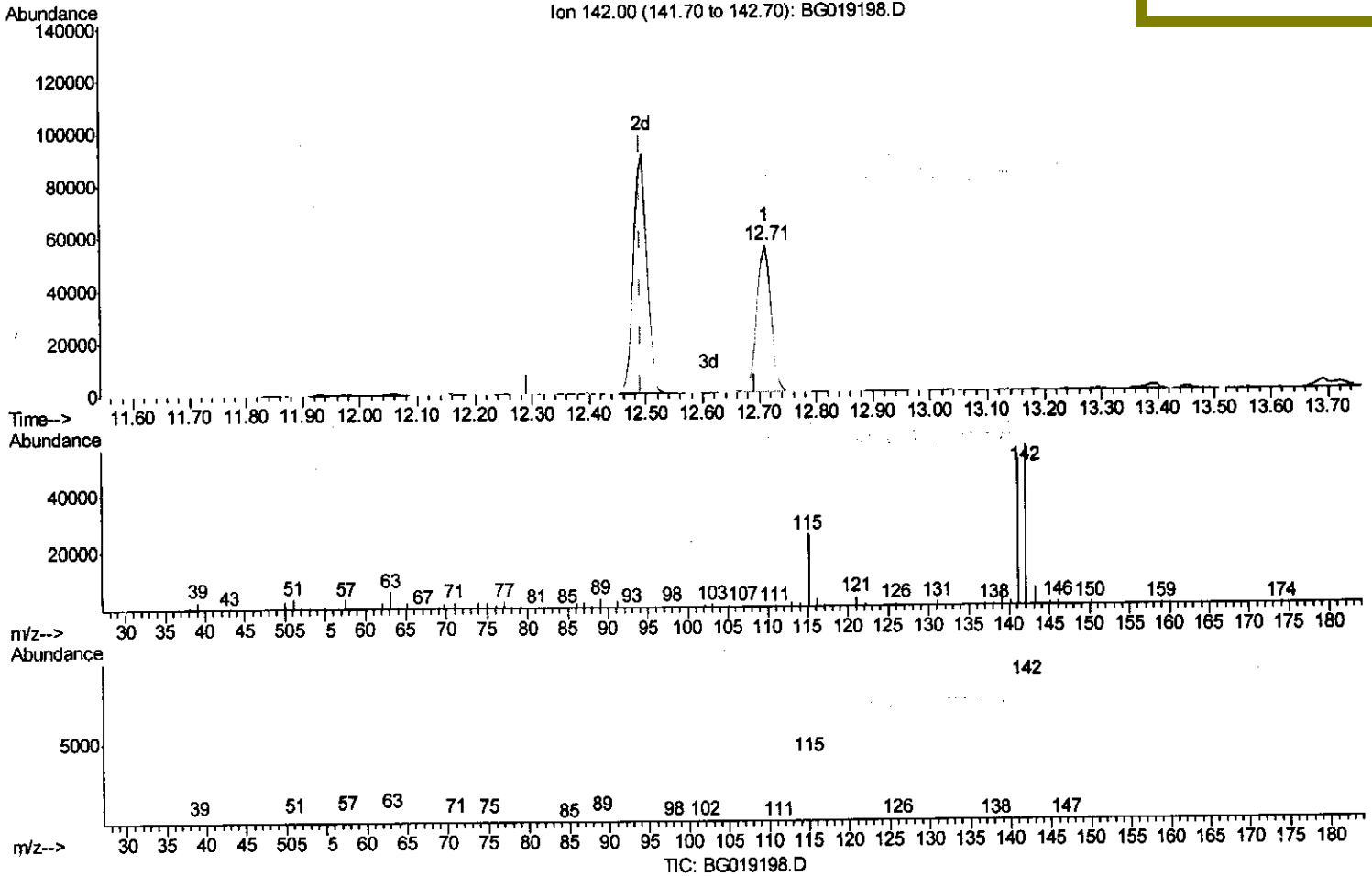
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESLJO

Quant Time: Oct 14 05:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(34) 2-Methylnaphthalene

12.711min (+0.220) 26.63ng/ul

response 94454

Ion	Exp%	Act%
142.00	100	100
141.00	91.70	93.94
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

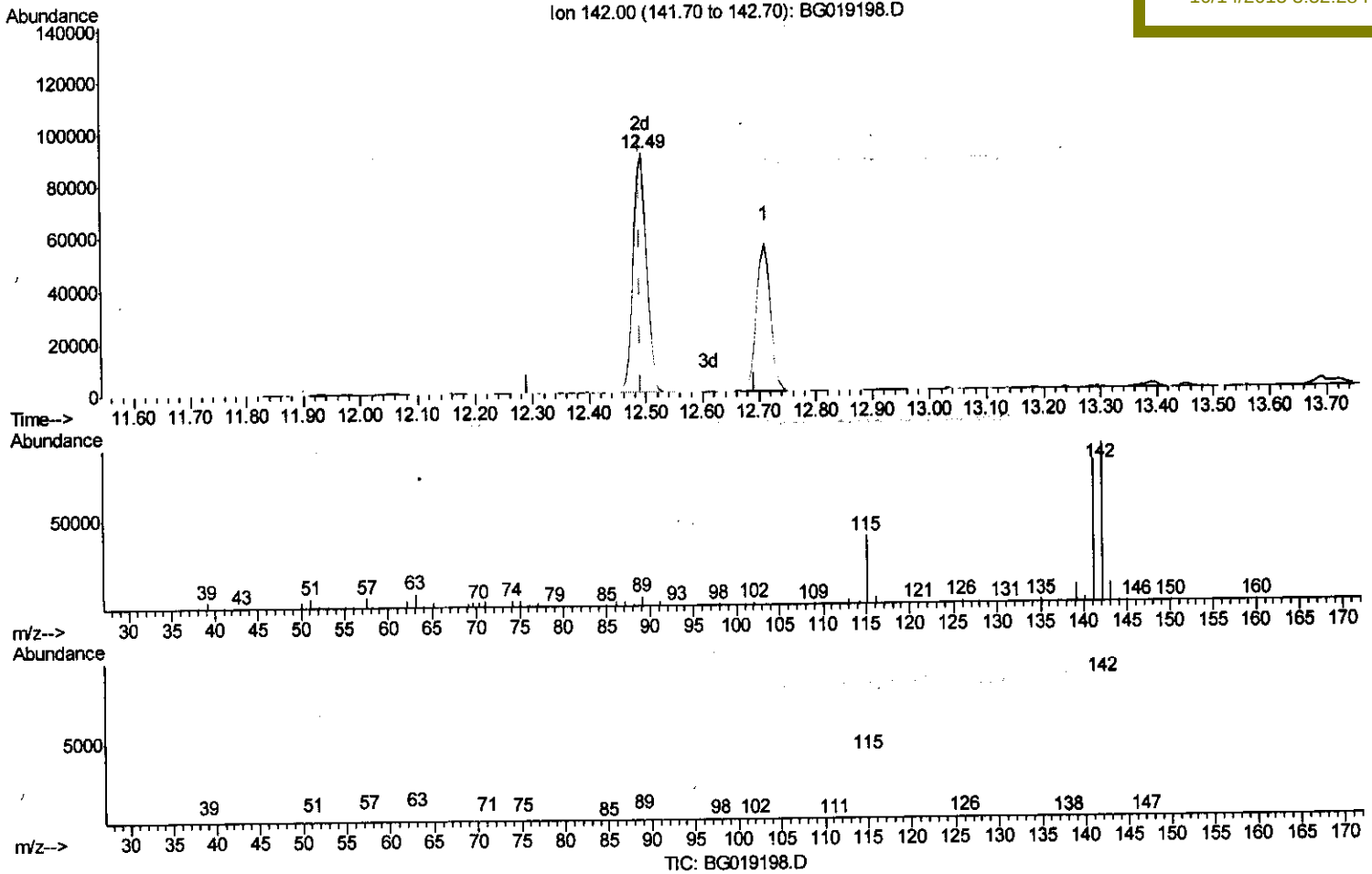
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 05:43:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(34) 2-Methylnaphthalene

12.494min (+0.003) 42.25ng/ul m

response 149859

Ion	Exp%	Act%
142.00	100	100
141.00	91.70	88.81
0.00	0.00	0.00
0.00	0.00	0.00

U.M
 10/15/15

Quantitation Report (Qedit)

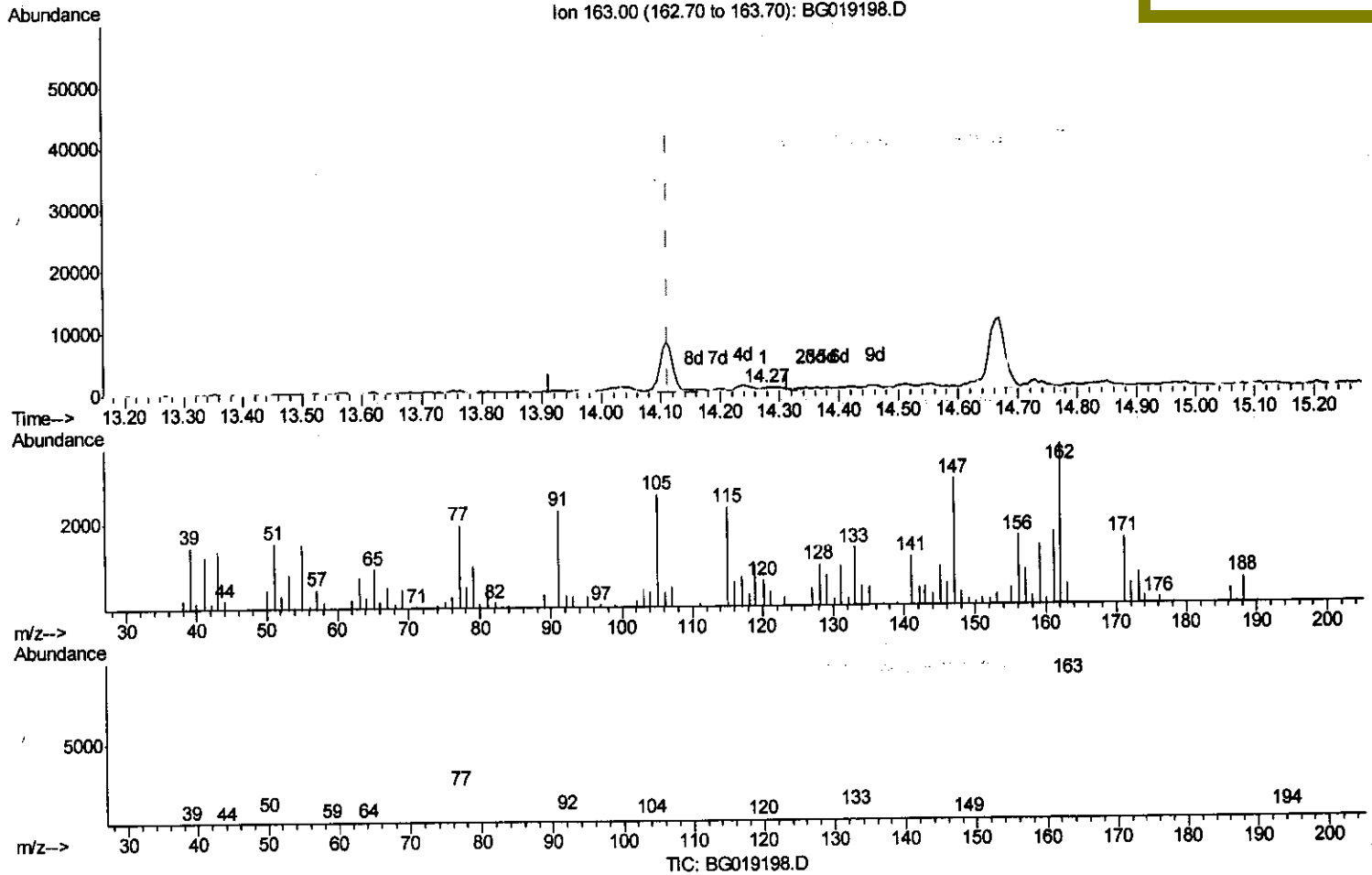
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(45) Dimethylphthalate

14.274min (+0.161) 0.05ng/ul

response 241

Ion	Exp%	Act%
163.00	100	100
194.00	4.10	0.00#
164.00	10.10	32.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

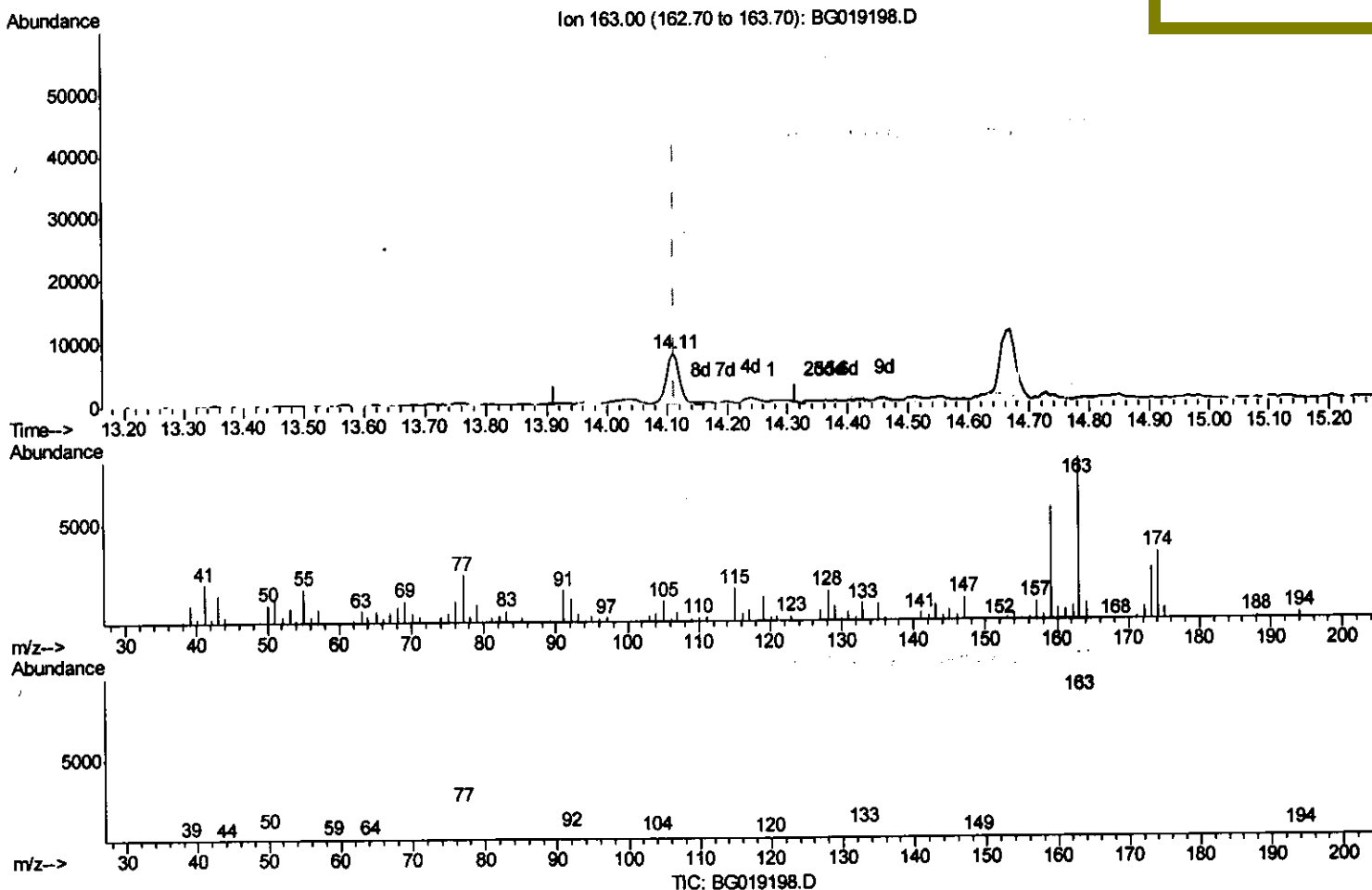
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(45) Dimethylphthalate

14.110min (-0.003) 2.54ng/ul m

response 12305

Ion	Exp%	Act%
163.00	100	100
194.00	4.10	5.29#
164.00	10.10	12.11
0.00	0.00	0.00

U.M
 10/15/15

Quantitation Report (Qedit)

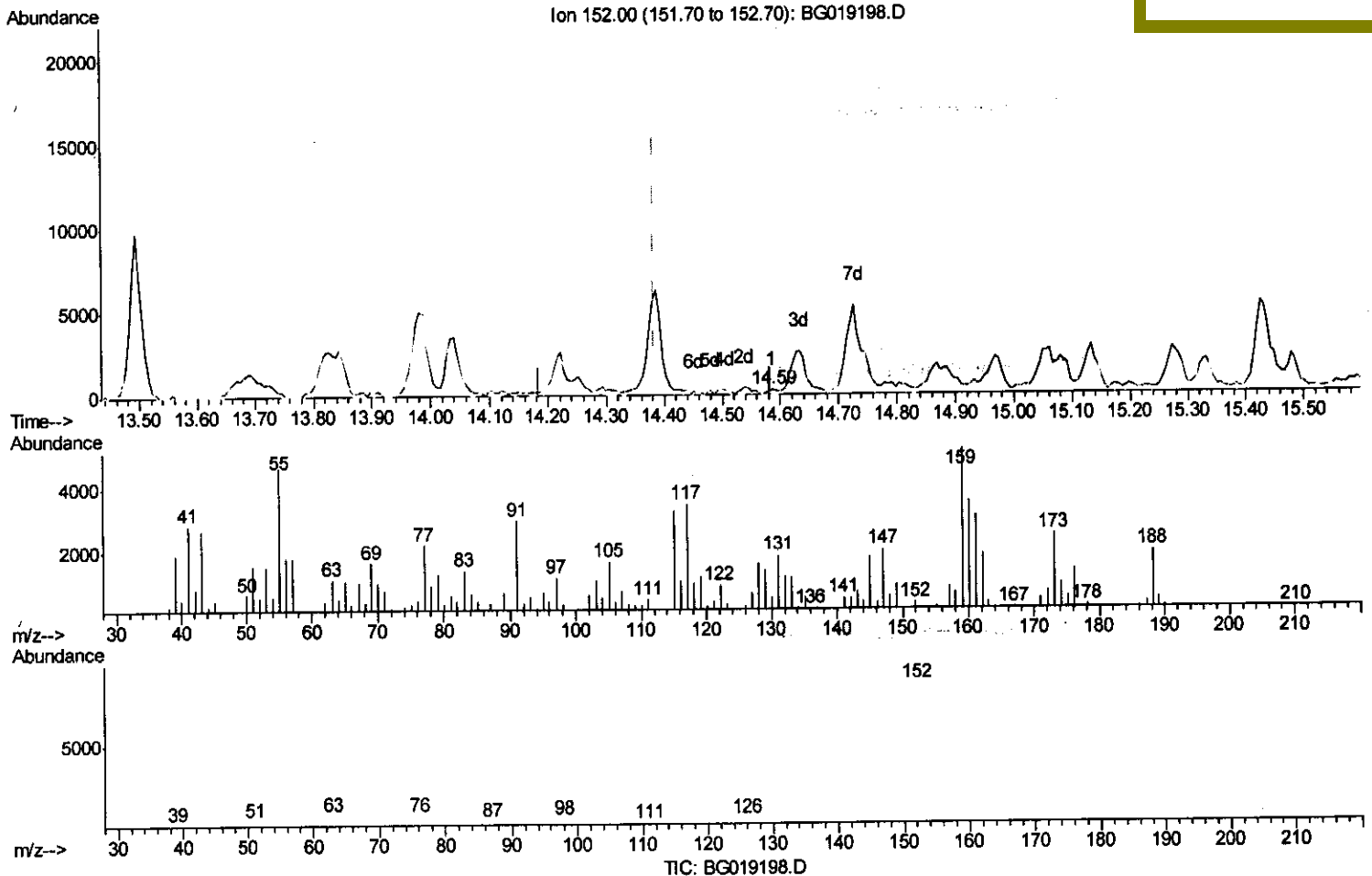
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:52:28 PM



(48) Acenaphthylene

14.586min (+0.202) 0.06ng/ul

response 397

Ion	Exp%	Act%
152.00	100	100
151.00	20.80	47.52#
153.00	13.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

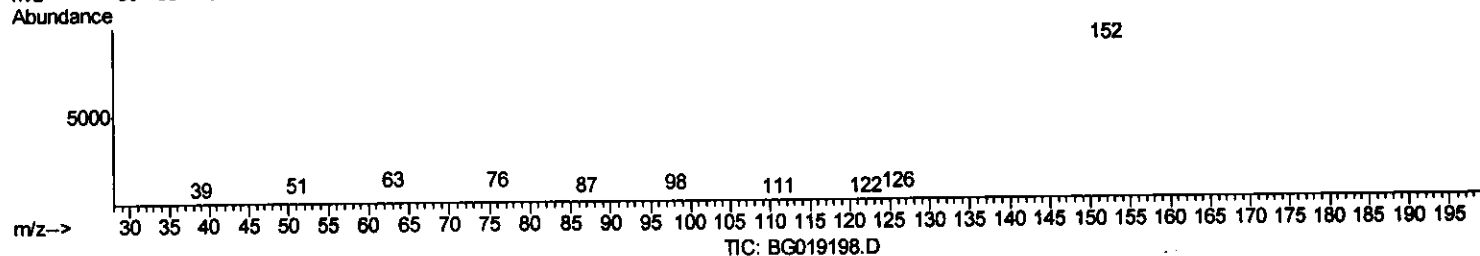
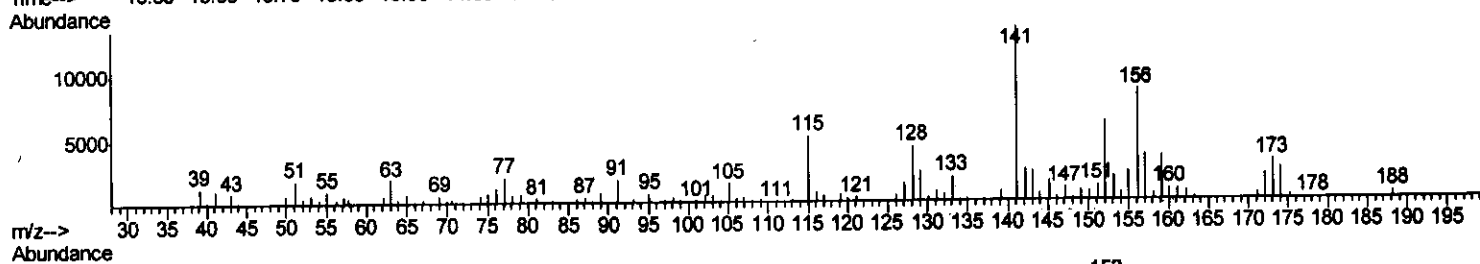
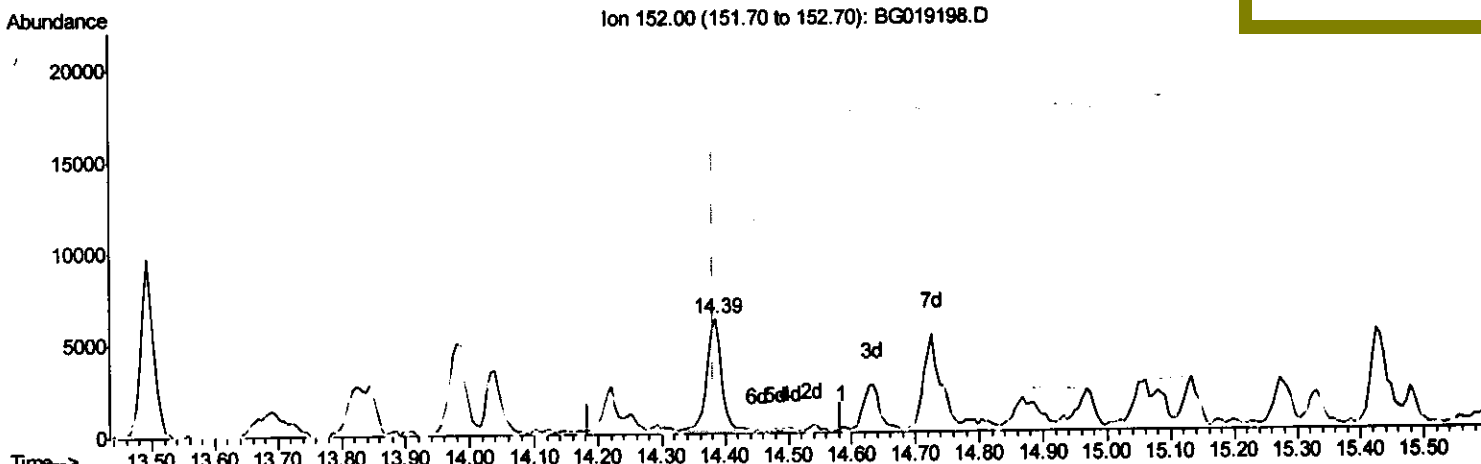
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
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(48) Acenaphthylene

14.386min (+0.003) 1.59ng/ul m U,M

response 9985

Ion	Exp%	Act%
152.00	100	100
151.00	20.80	20.60
153.00	13.10	31.85#
0.00	0.00	0.00

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Quantitation Report (Qedit)

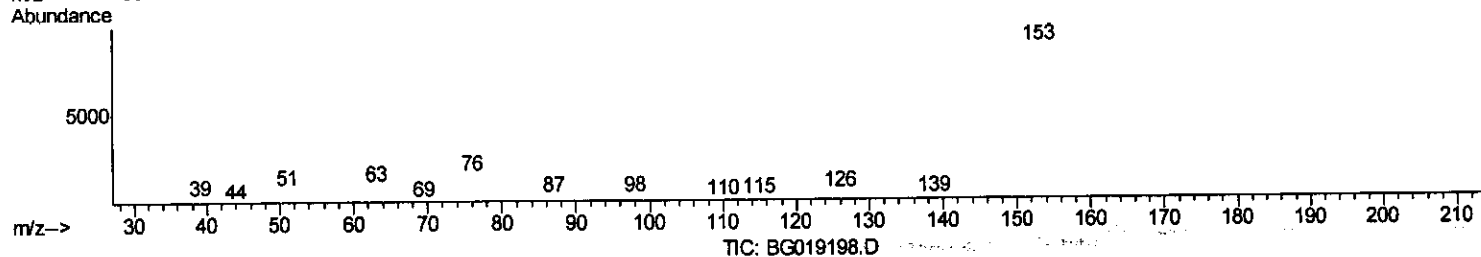
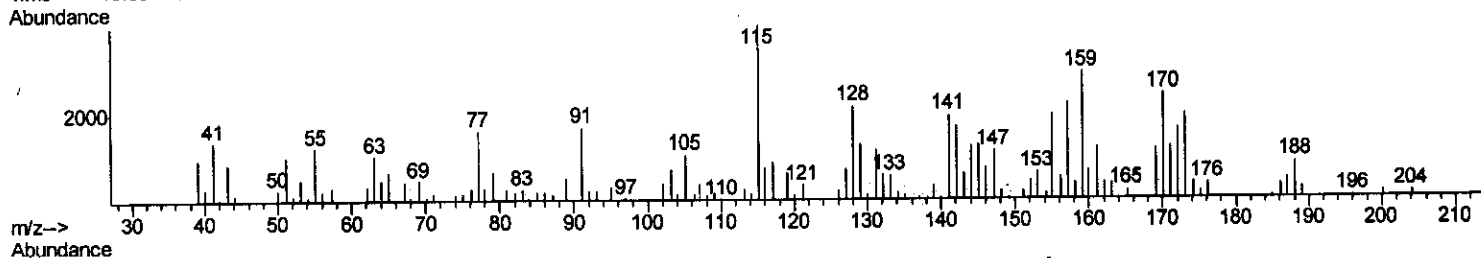
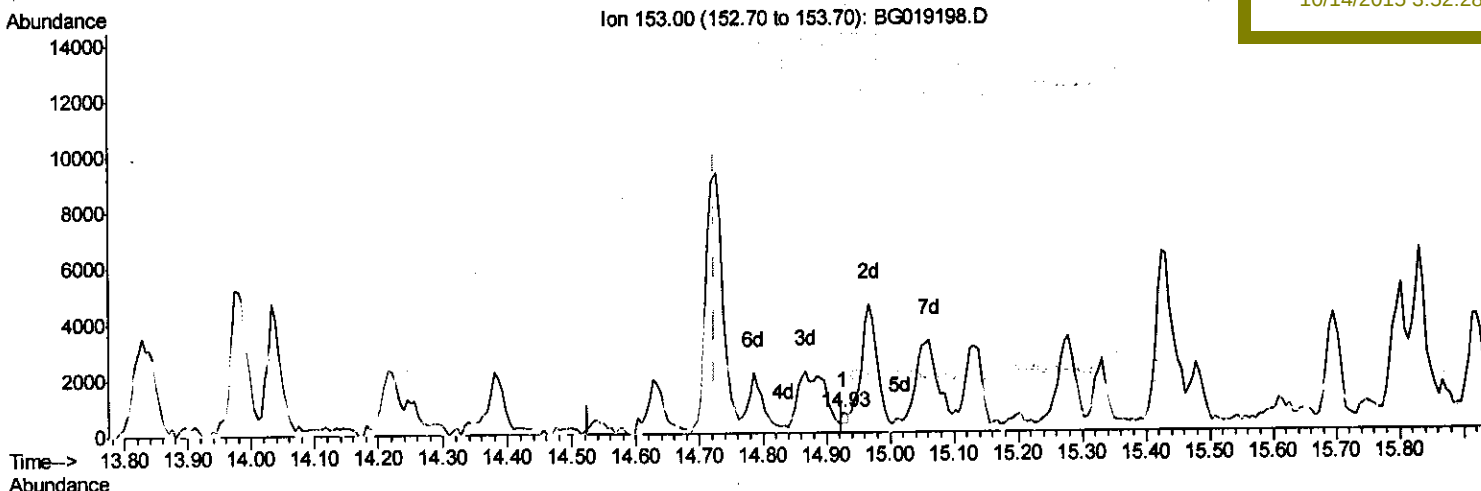
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
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(50) Acenaphthene (C)

14.926min (+0.202) 0.06ng/ul

response 253

Ion	Exp%	Act%
153.00	100	100
152.00	45.20	76.13#
154.00	84.40	37.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

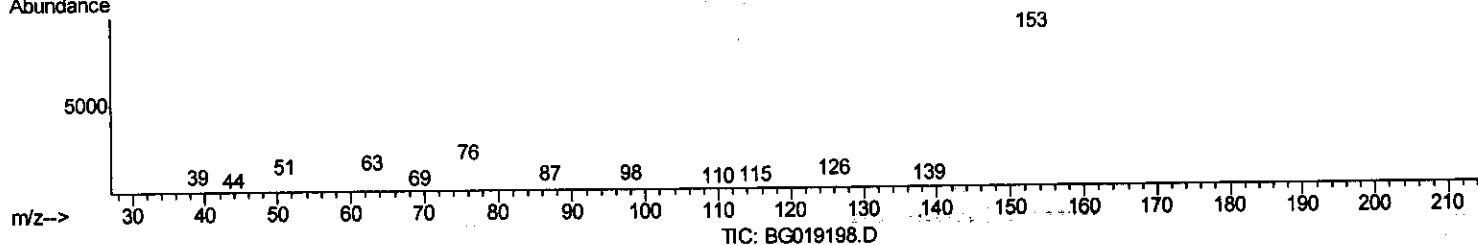
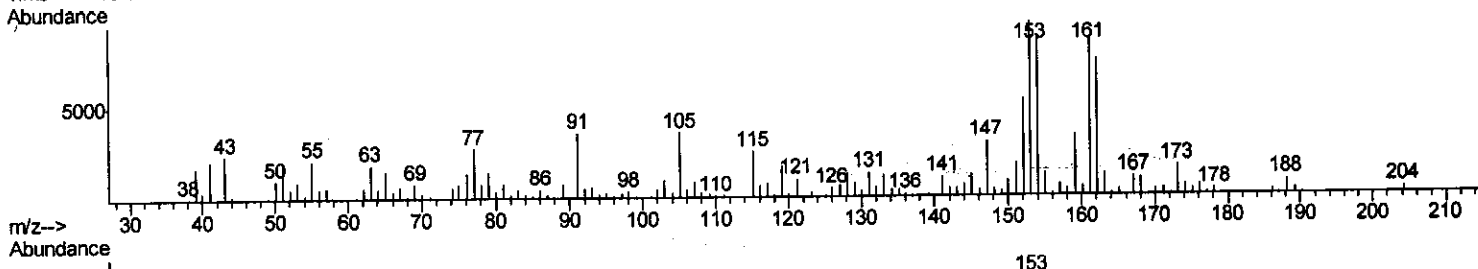
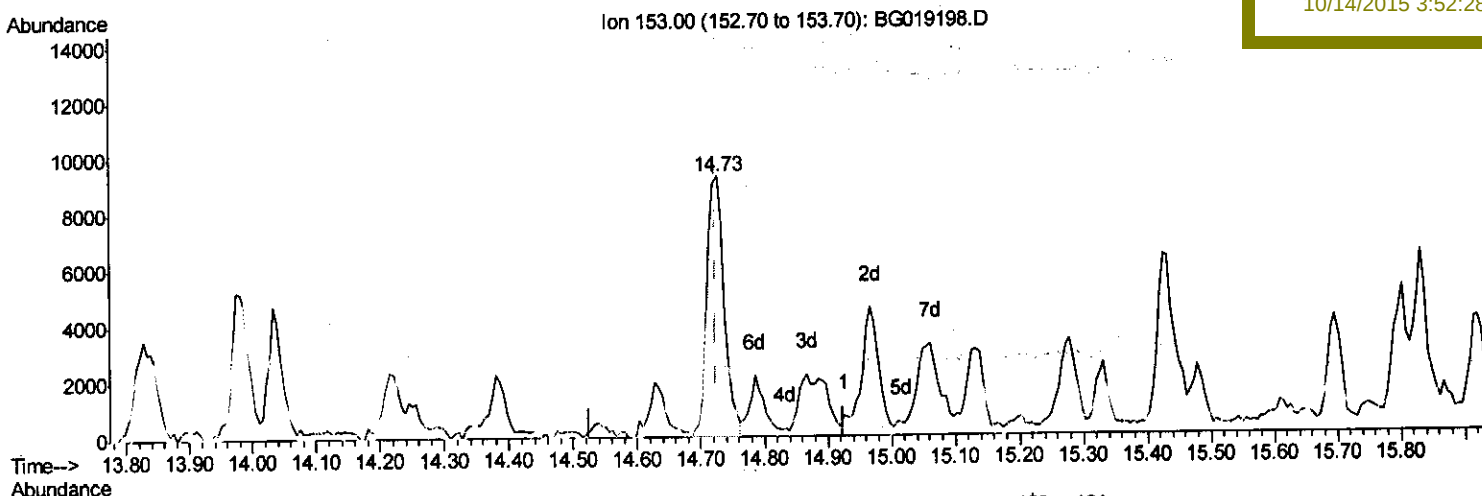
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
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(50) Acenaphthene (C)

14.727min (+0.003) 4.01ng/ul m

u.m
10/15/15

response 17116

Ion	Exp%	Act%
153.00	100	100
152.00	45.20	56.45#
154.00	84.40	91.36
0.00	0.00	0.00

Quantitation Report (Qedit)

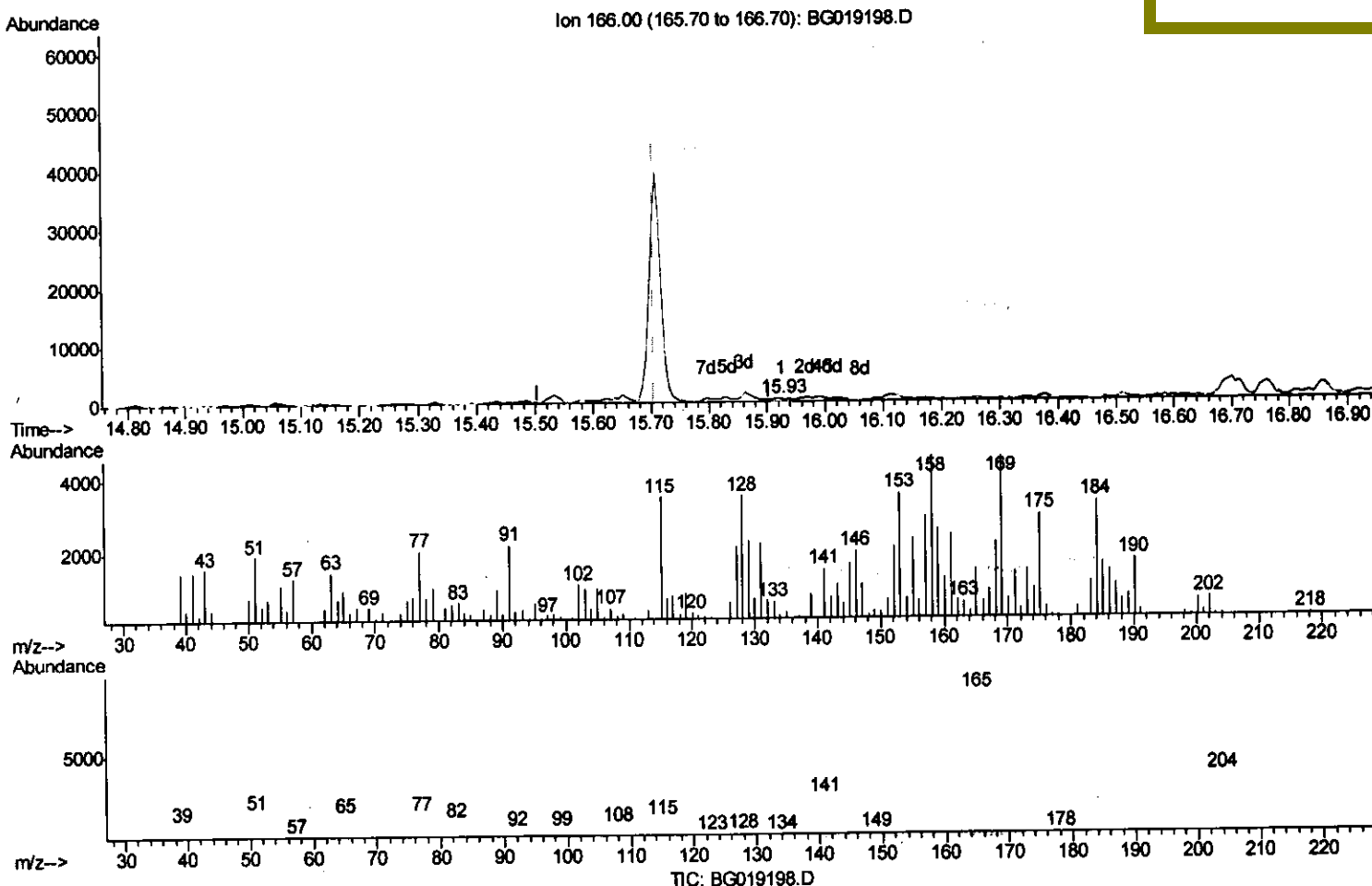
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJO

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
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(59) Fluorene

15.925min (+0.220) 0.18ng/ul

response 864

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	236.45#
167.00	13.00	144.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

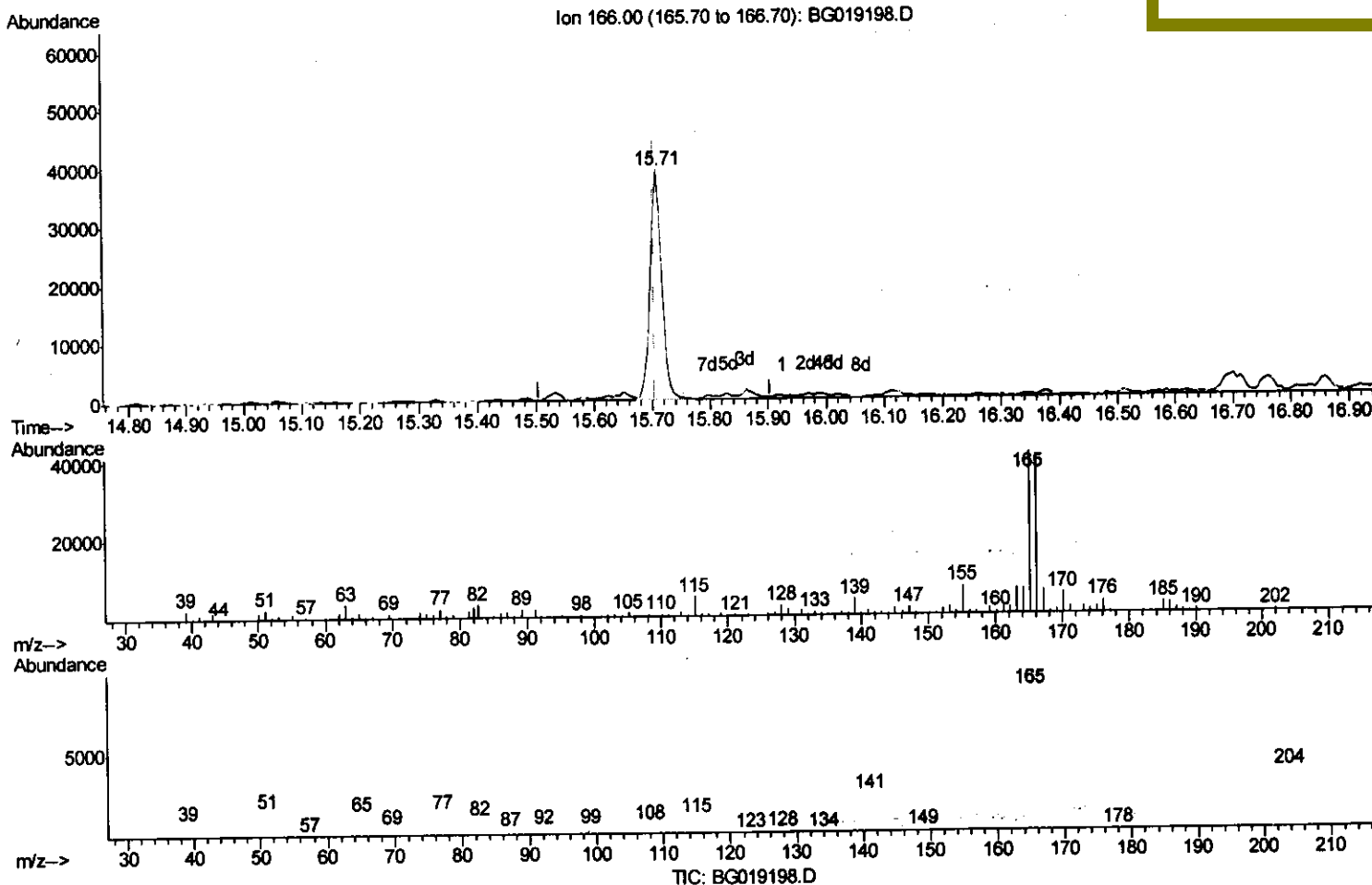
Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 E5LJ0

Quant Time: Oct 14 14:41:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
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(59) Fluorene

15.708min (+0.003) 11.85ng/ul m UM

response 57938

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	104.39
167.00	13.00	15.41
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101415\
 Data File : BG019198.D
 Acq On : 14 Oct 2015 3:14
 Operator : UM/NP
 Sample : G3996-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LJ0

Quant Time: Oct 14 14:52:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 04:49:14 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	8.03	152	20389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	91464m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.66	164	60197m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	136066m	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	158962m	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	158636m	20.00	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	772	1.71	ng/uL	0.00
5) Phenol-d5	7.19	99	22751	12.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15203	13.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	17797	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	19465	14.09	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	10278	14.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.91	143	10465	14.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	20248	14.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	27987m	16.12	ng/ul	0.01
44) Dimethylphthalate-d6	14.06	166	70689m	14.89	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	81628m	13.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	13373m	13.95	ng/ul	0.00
58) Fluorene-d10	15.65	176	69049m	16.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	11160m	15.12	ng/ul	0.00
71) Anthracene-d10	17.51	188	94484m	14.75	ng/ul	0.00
79) Pyrene-d10	19.79	212	94647m	12.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	112806m	13.90	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) 4-Methylphenol	8.80	108	1575	1.03	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	10176m	5.87	ng/ul	
28) Naphthalene	10.89	128	246091	51.96	ng/ul	99
34) 2-Methylnaphthalene	12.49	142	149859m	42.25	ng/ul	
41) 1,1'-Biphenyl	13.49	154	49701m	10.13	ng/ul	
45) Dimethylphthalate	14.11	163	12305m	2.54	ng/ul	
48) Acenaphthylene	14.39	152	9985m	1.59	ng/ul	
50) Acenaphthene	14.73	153	17116m	4.01	ng/ul	
54) Dibenzofuran	15.06	168	82305m	14.18	ng/ul	
59) Fluorene	15.71	166	57938m	11.85	ng/ul	
70) Phenanthrene	17.45	178	119045m	15.53	ng/ul	
72) Anthracene	17.54	178	29634m	3.83	ng/ul	
77) Fluoranthene	19.46	202	44325m	4.97	ng/ul	
80) Pyrene	19.82	202	51829m	5.42	ng/ul	
83) Benzo(a)anthracene	21.66	228	12267m	1.34	ng/ul	
85) Chrysene	21.72	228	14206m	1.64	ng/ul	

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