

Quantitation Report (Qedit)

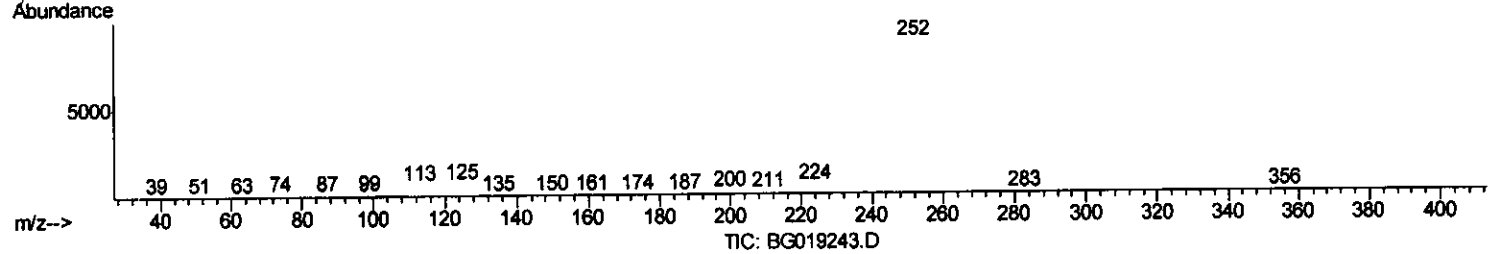
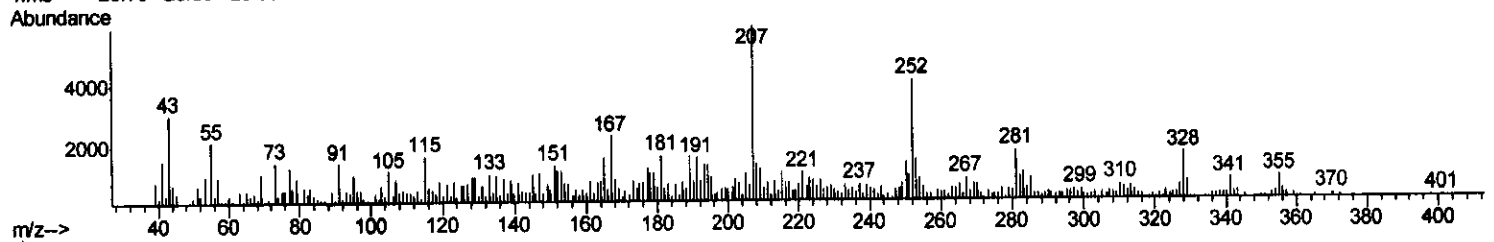
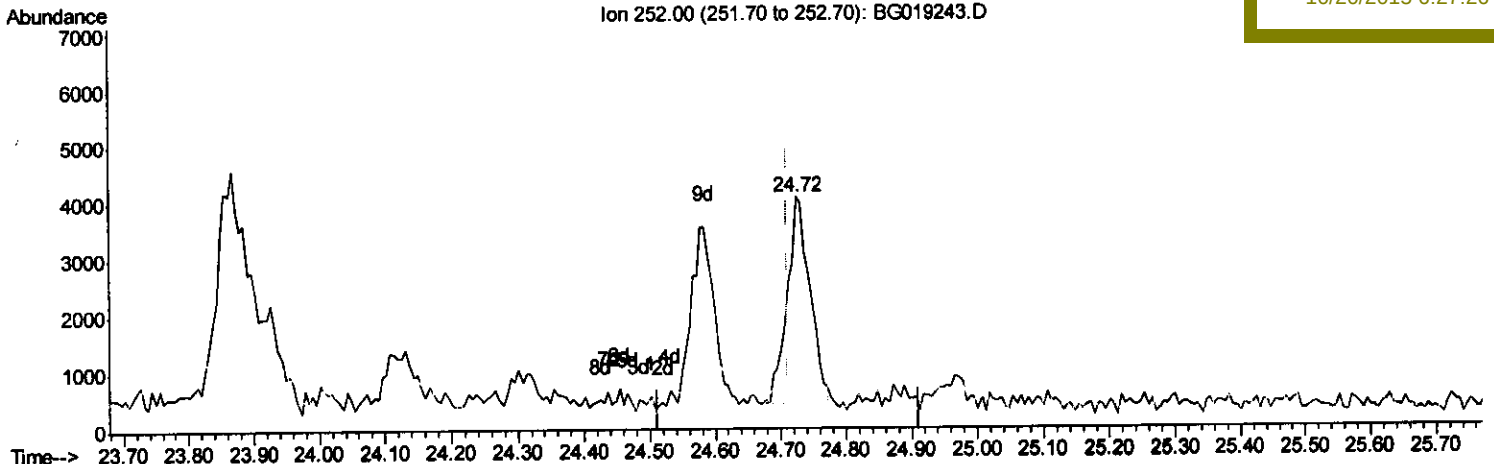
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
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(91) Benzo(a)pyrene (C)

24.724min (+0.012) 1.22ng/ul m

response 8760

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	36.11#
125.00	11.80	16.89#
0.00	0.00	0.00

UMI
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Quantitation Report (Qedit)

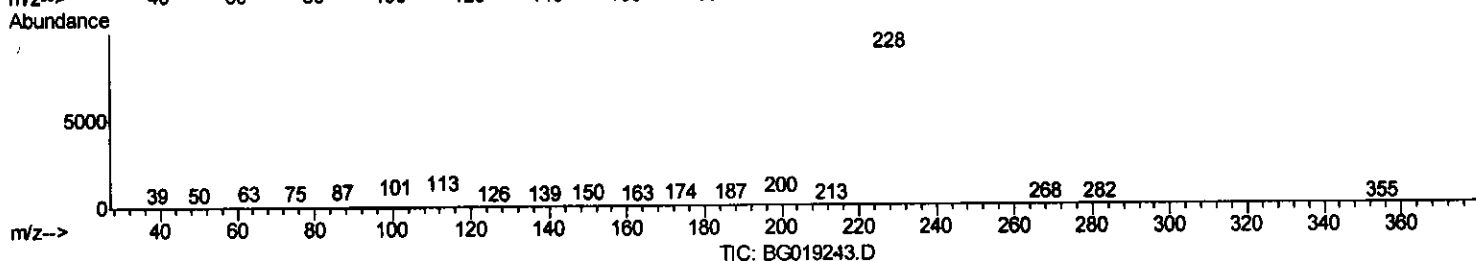
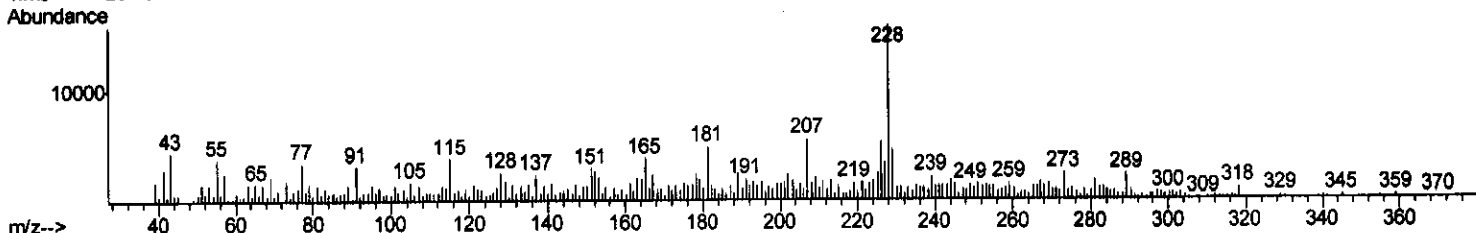
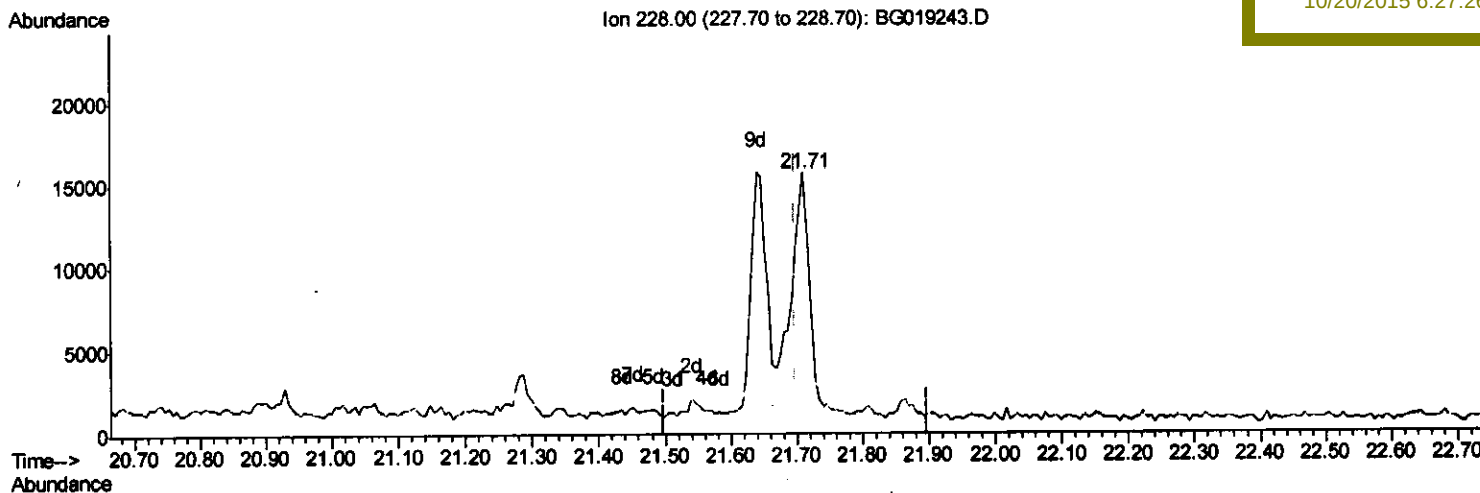
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(85) Chrysene

21.710min (+0.012) 3.84ng/ul m

response 27682

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	33.65
229.00	19.50	29.32#
0.00	0.00	0.00

6.41
10/26/15

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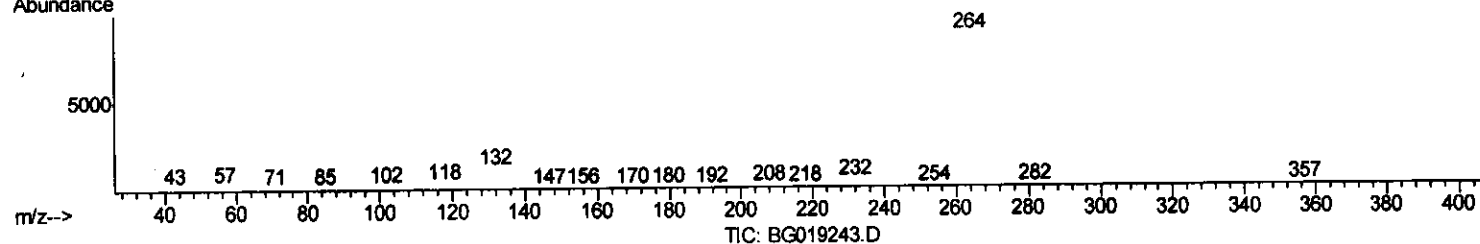
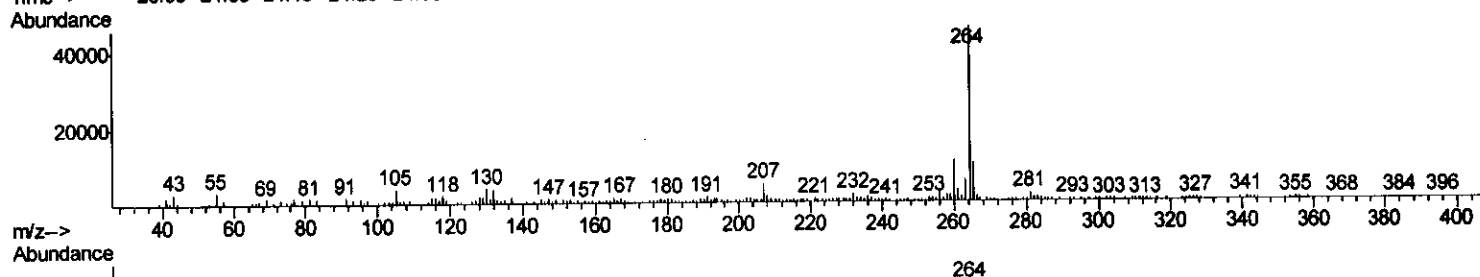
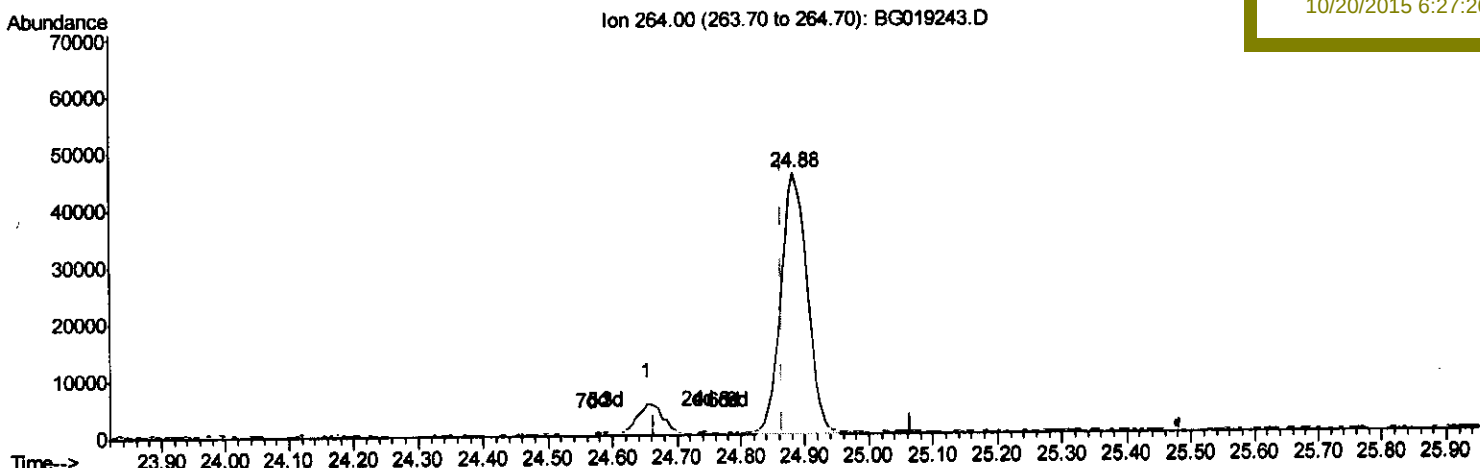
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(86) Perylene-d12 (I)

24.883min (+0.018) 20.00ng/ul m

response 131411

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	23.44
265.00	21.10	22.34
0.00	0.00	0.00

U.M.
10/20/15

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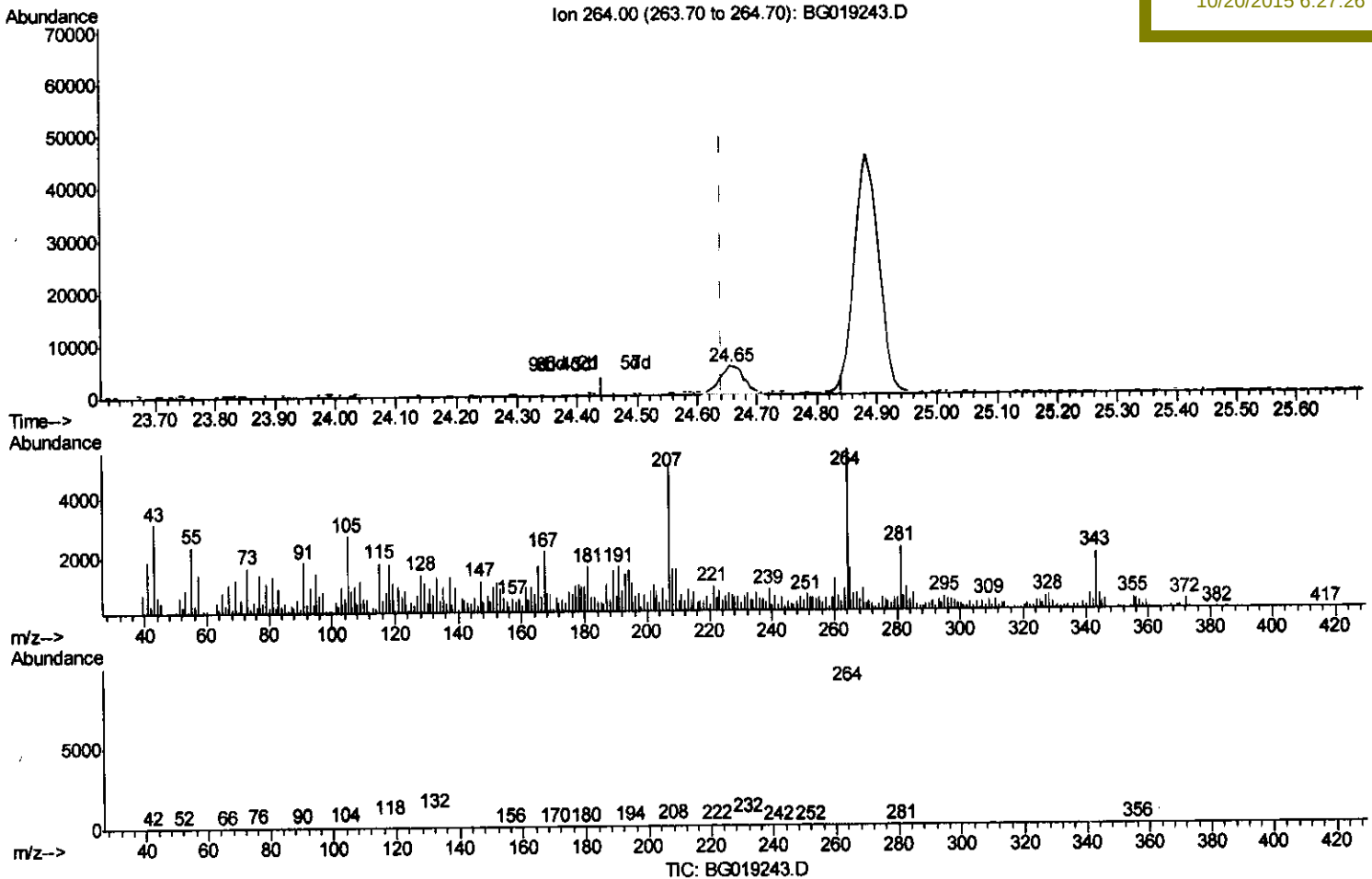
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(90) Benzo(a)pyrene-d12 (S)
 24.654min (+0.012) 2.51ng/ul m
 response 16655

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	13.53
118.00	9.00	31.99#
0.00	0.00	0.00

UM
10/20/15

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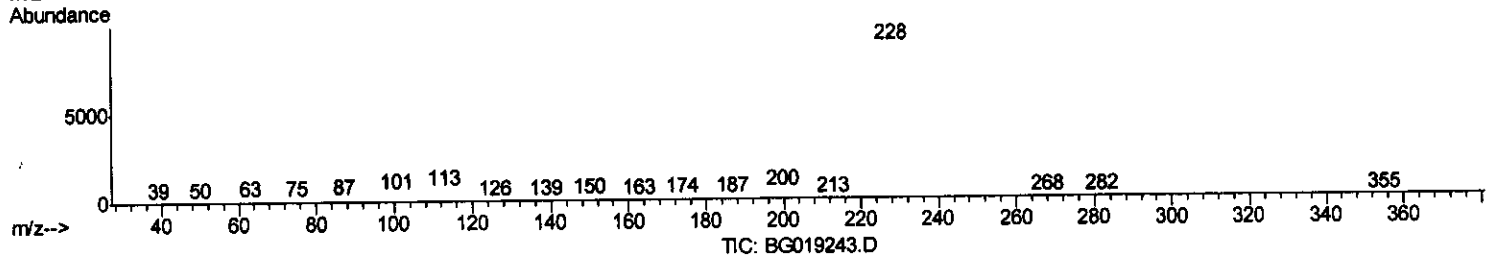
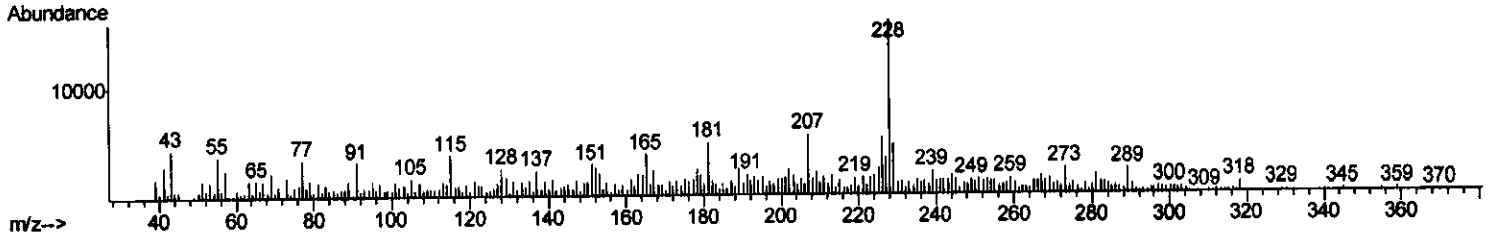
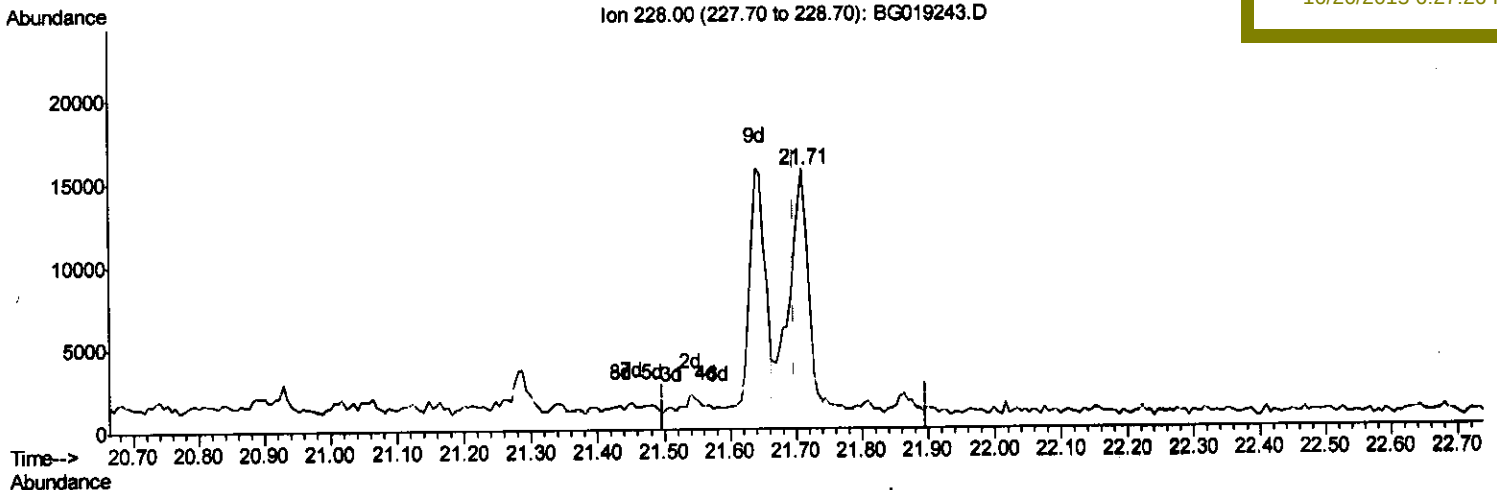
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(85) Chrysene

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response 27682

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	33.65
229.00	19.50	29.32#
0.00	0.00	0.00

UM
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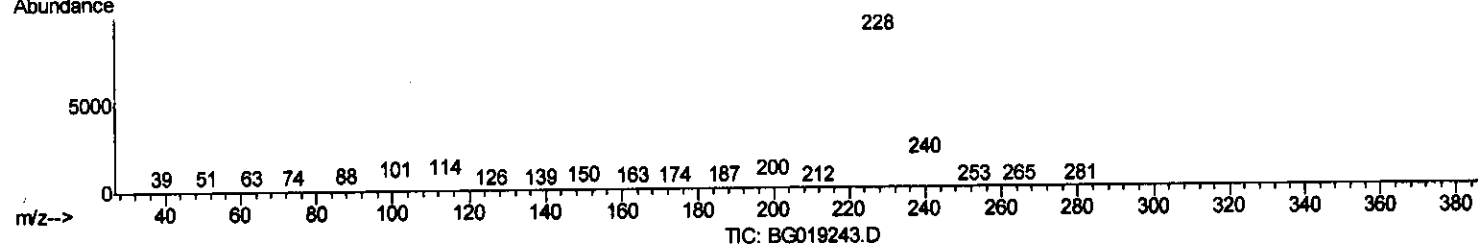
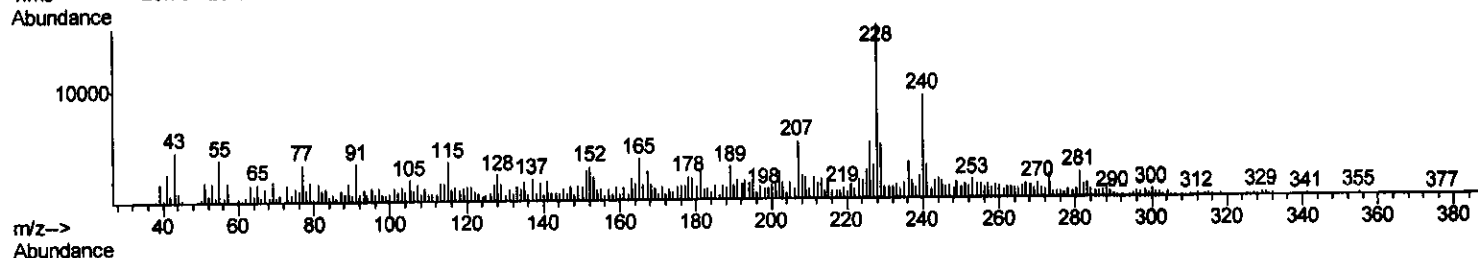
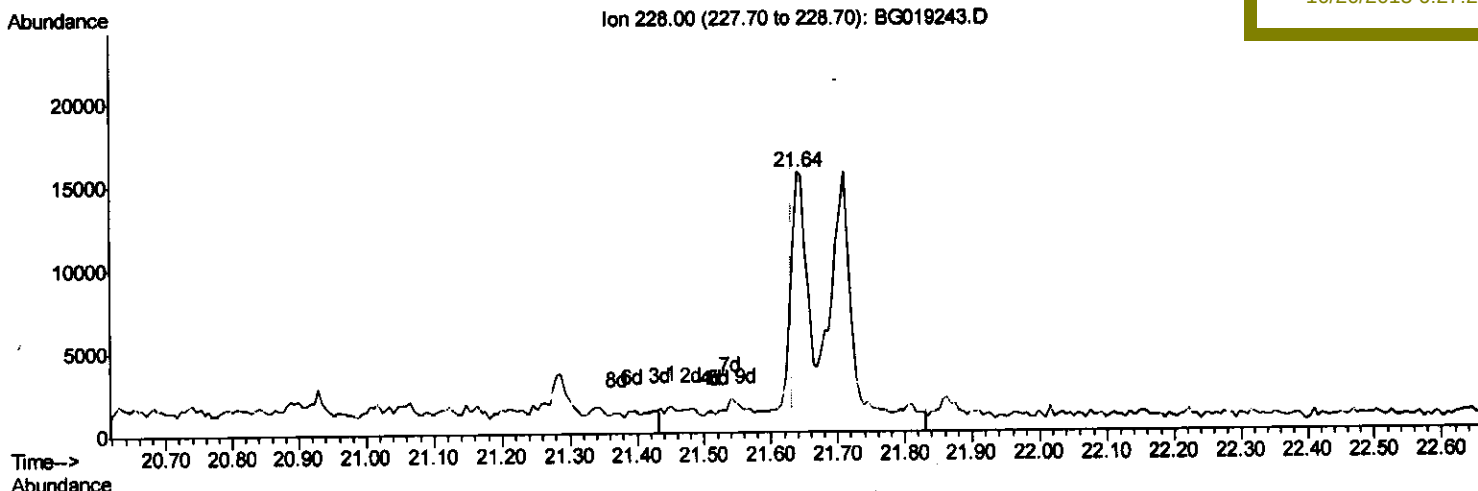
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(83) Benzo(a)anthracene

21.640min (+0.007) 2.98ng/ul m

response 22703

Ion	Exp%	Act%
228.00	100	100
229.00	20.70	32.41#
226.00	28.50	32.55
0.00	0.00	0.00

U.M.
 10/20/15

Quantitation Report (Qedit)

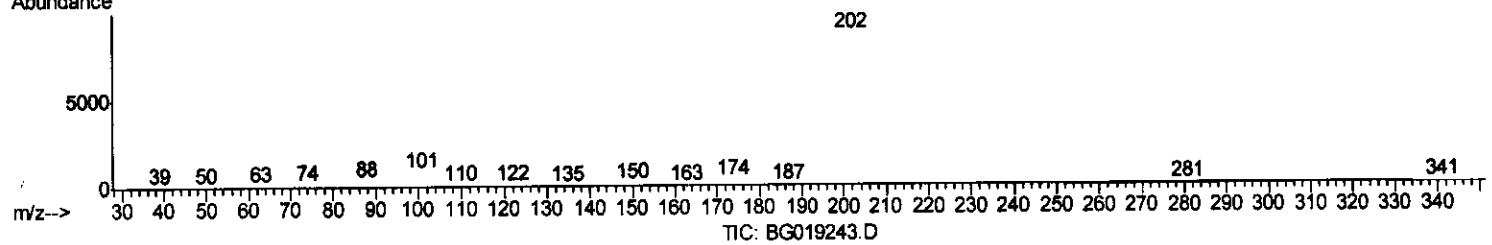
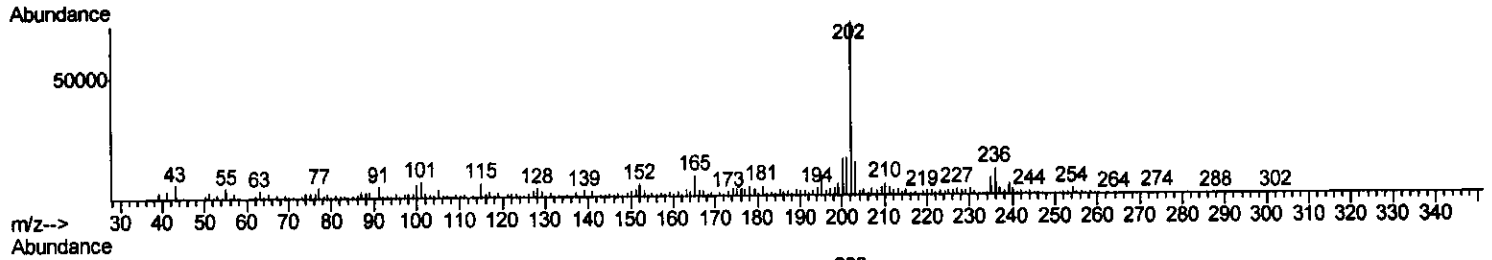
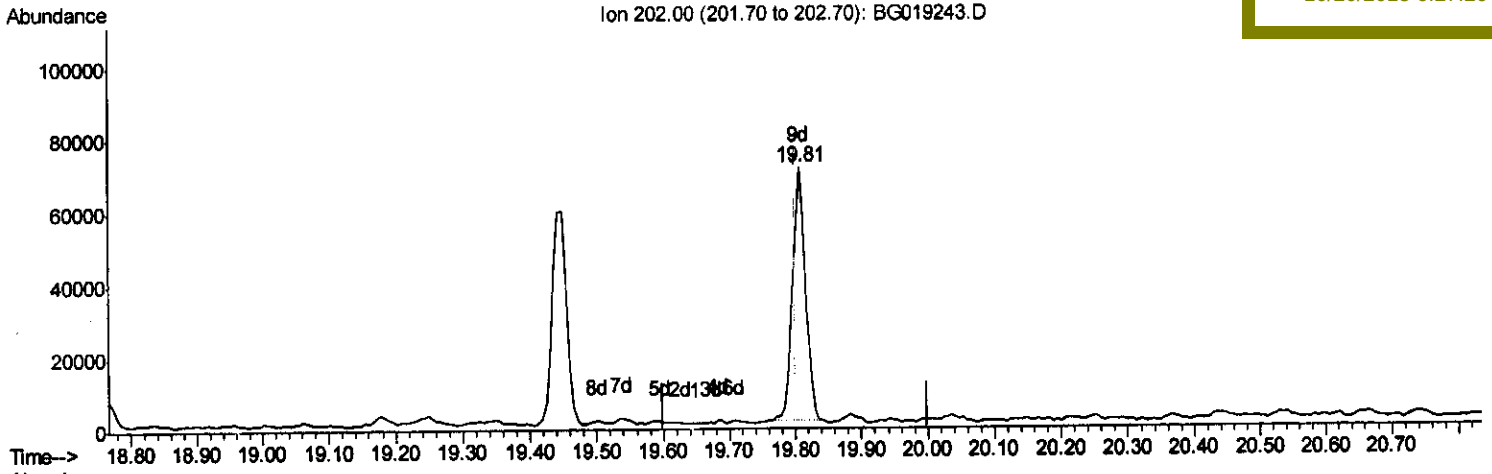
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(80) Pyrene

19.807min (+0.007) 11.93ng/ul m

response 95676

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	9.59#
100.00	10.60	8.08#
0.00	0.00	0.00

U.41
10/20/15

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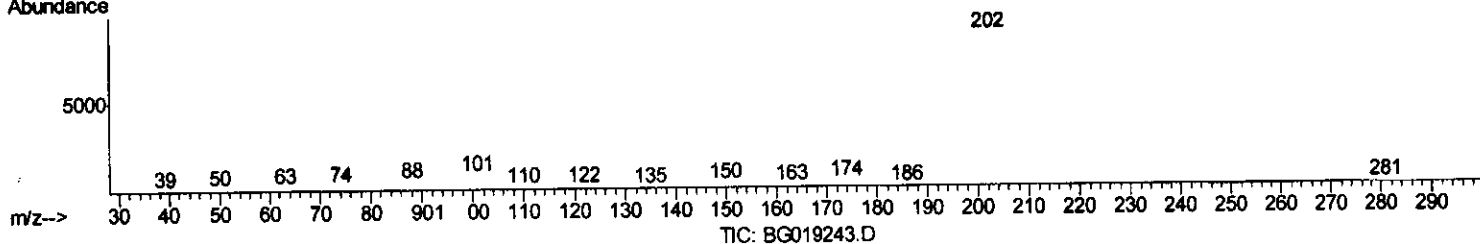
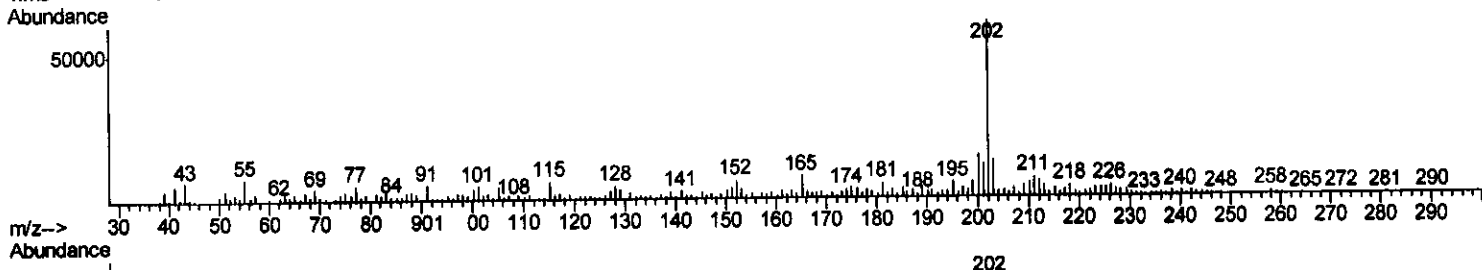
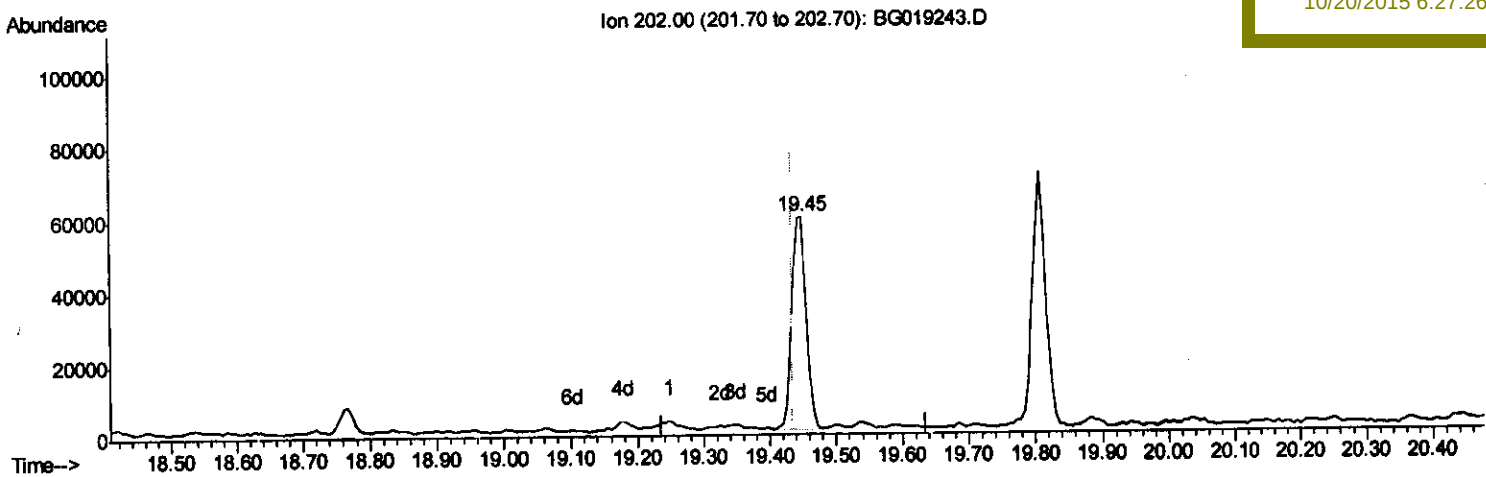
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(77) Fluoranthene (C)

19.448min (+0.012) 10.83ng/ul m

response 88491

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	8.39#
100.00	8.60	6.33#
0.00	0.00	0.00

U.M.
10/20/15

Quantitation Report (Qedit)

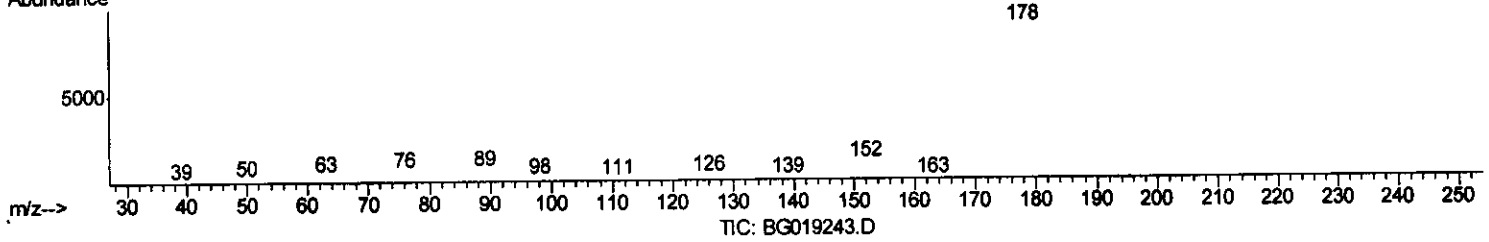
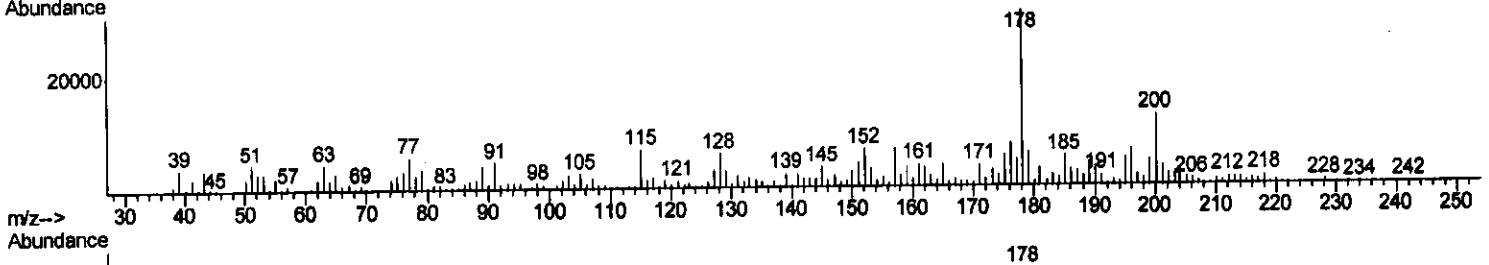
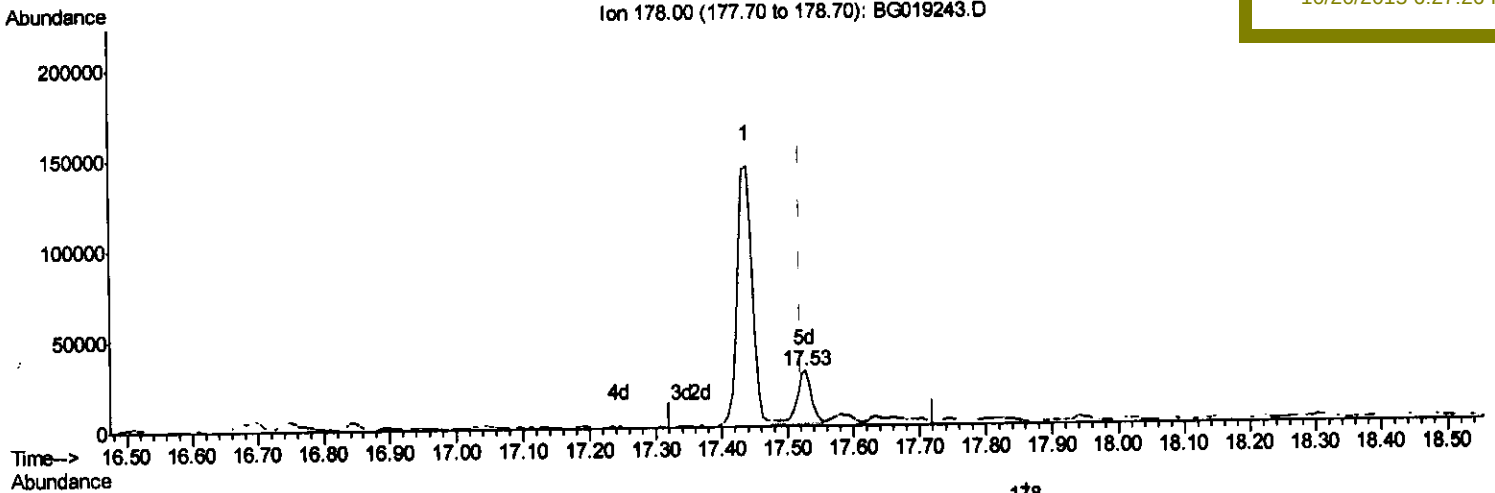
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
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 Misc :
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Instrument :
 BNA_G
 ClientSampled :
 E5LK1DL

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(72) Anthracene

17.527min (+0.007) 7.08ng/ul m

response 46957

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	19.60#
176.00	18.80	24.73#
0.00	0.00	0.00

U.M.
10/20/15

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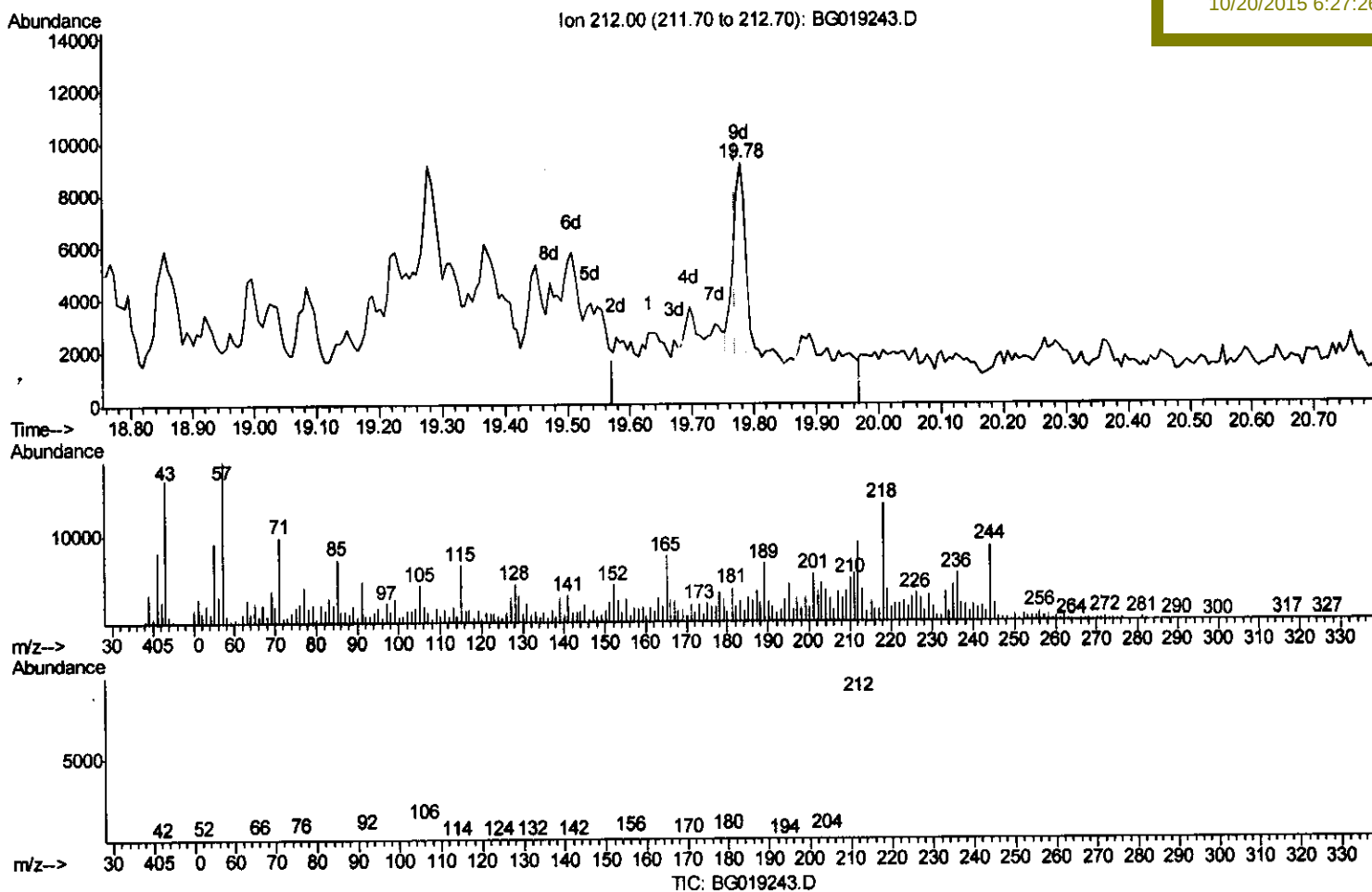
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(79) Pyrene-d10 (S)

19.777min (+0.007) 1.62ng/ul m

response 9931

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	21.75#
104.00	9.60	19.01#
0.00	0.00	0.00

U.M.
10/20/15

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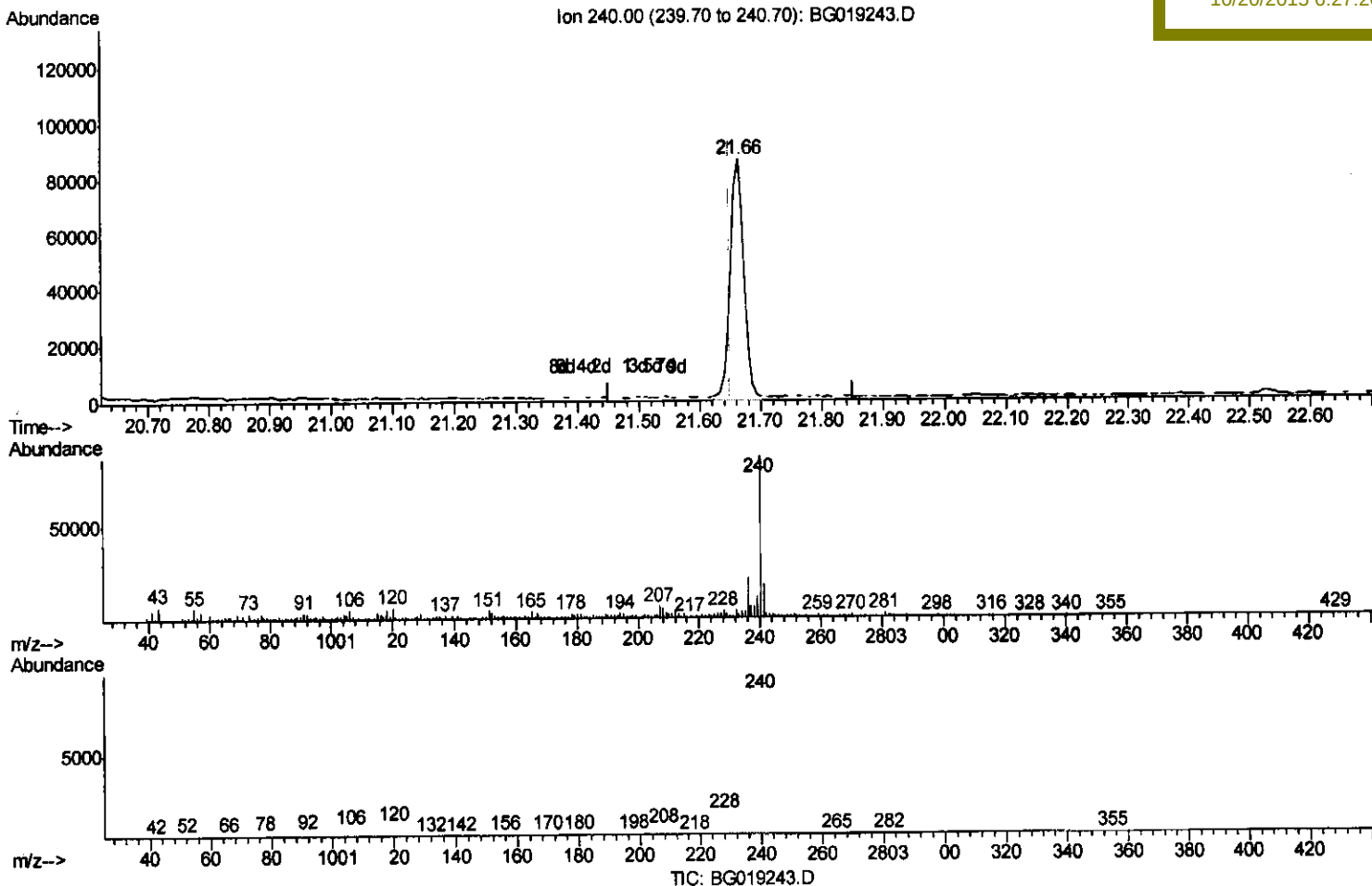
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(78) Chrysene-d12 (I)

21.663min (+0.012) 20.00ng/ul m

response 135105

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	7.25#
236.00	26.00	24.95
0.00	0.00	0.00

UM
 10/20/15

Quantitation Report (Qedit)

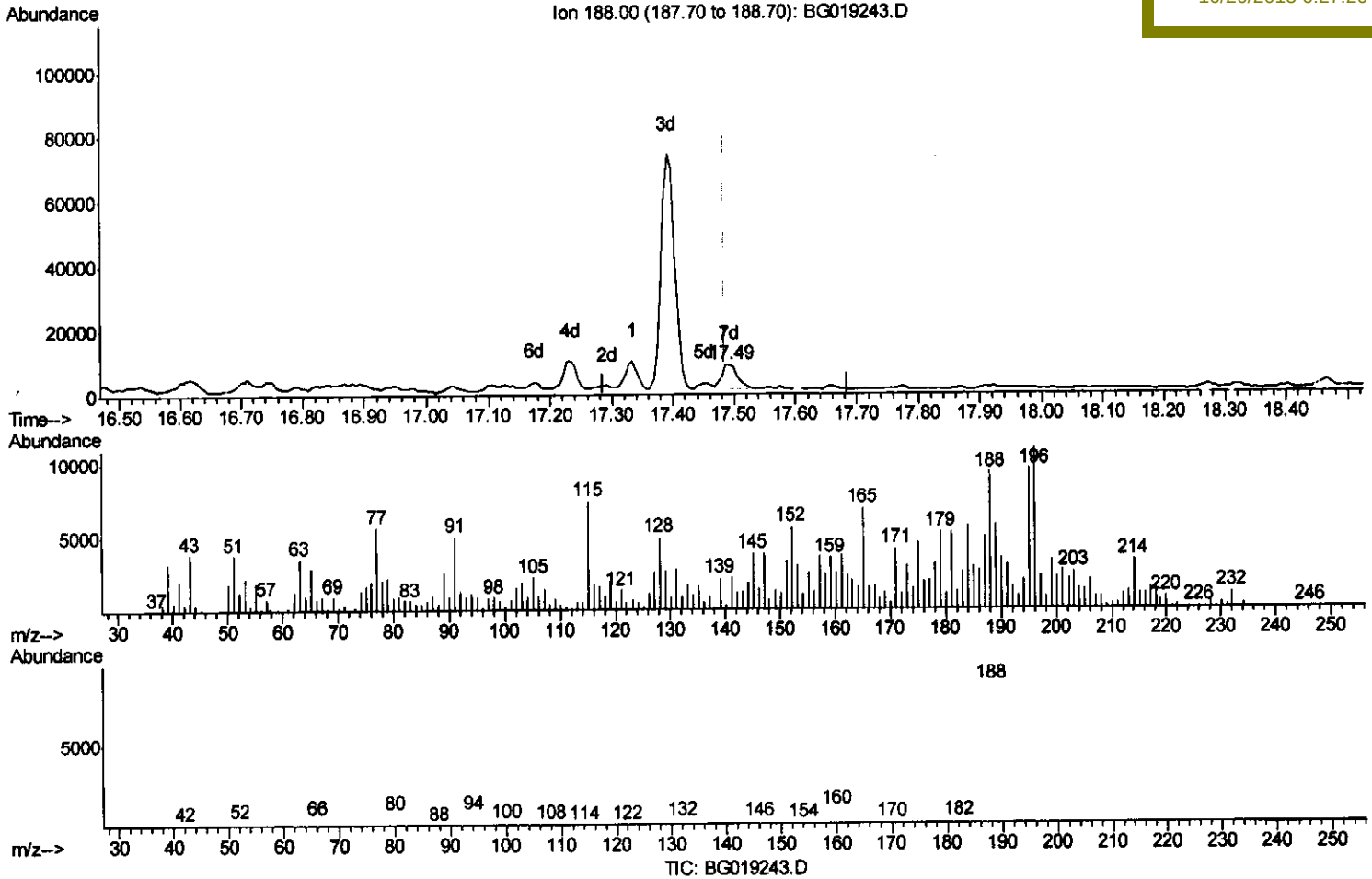
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(71) Anthracene-d10 (S)

17.492min (+0.007) 2.34ng/ul m

response 12925

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	13.82#
80.00	9.40	10.49
0.00	0.00	0.00

UM
10/20/15

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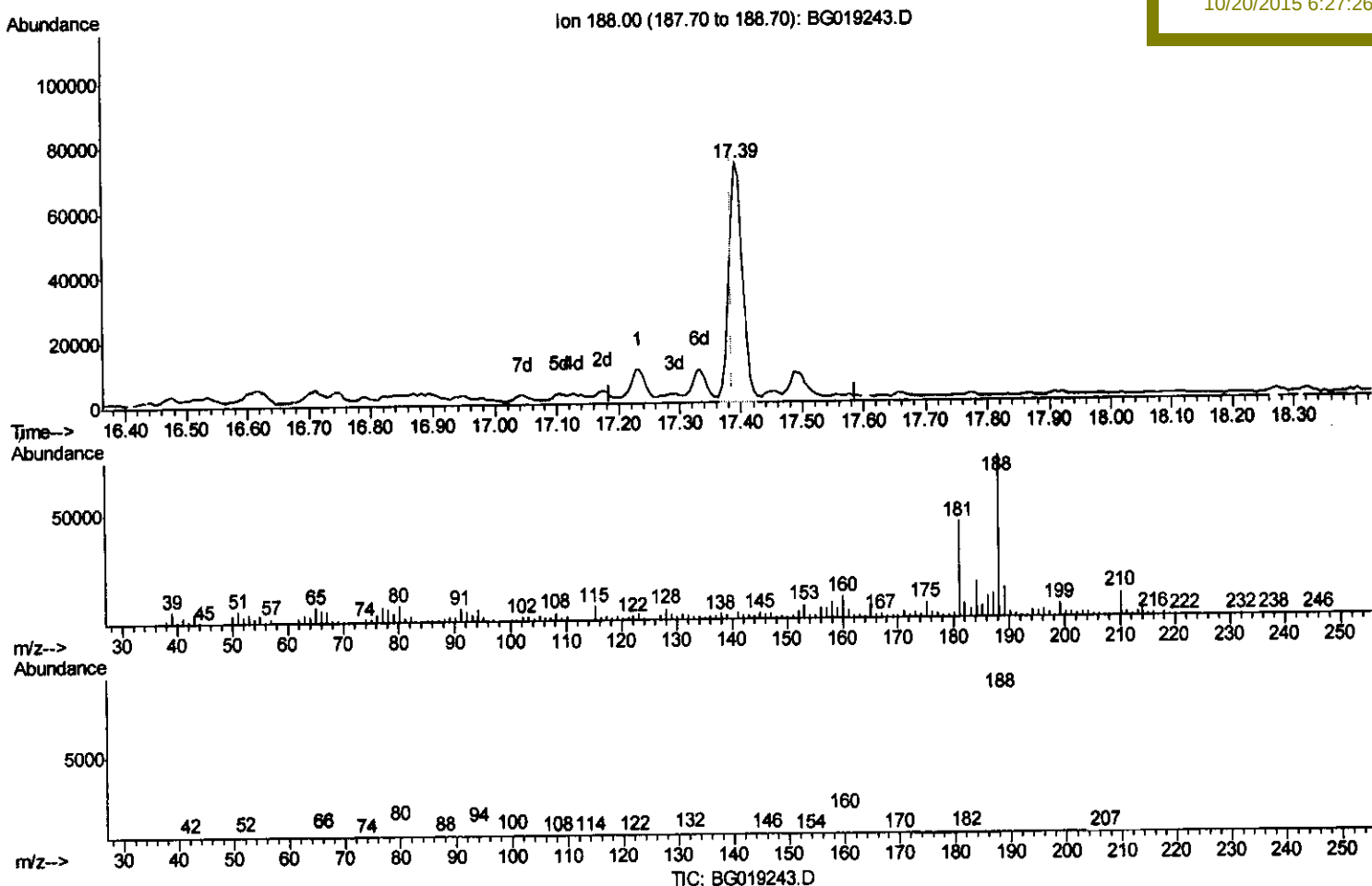
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(62) Phenanthrene-d10 (I)

17.392min (+0.007) 20.00ng/ul m

response 116945

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.08
80.00	10.90	10.22
0.00	0.00	0.00

UM
 10/20/15

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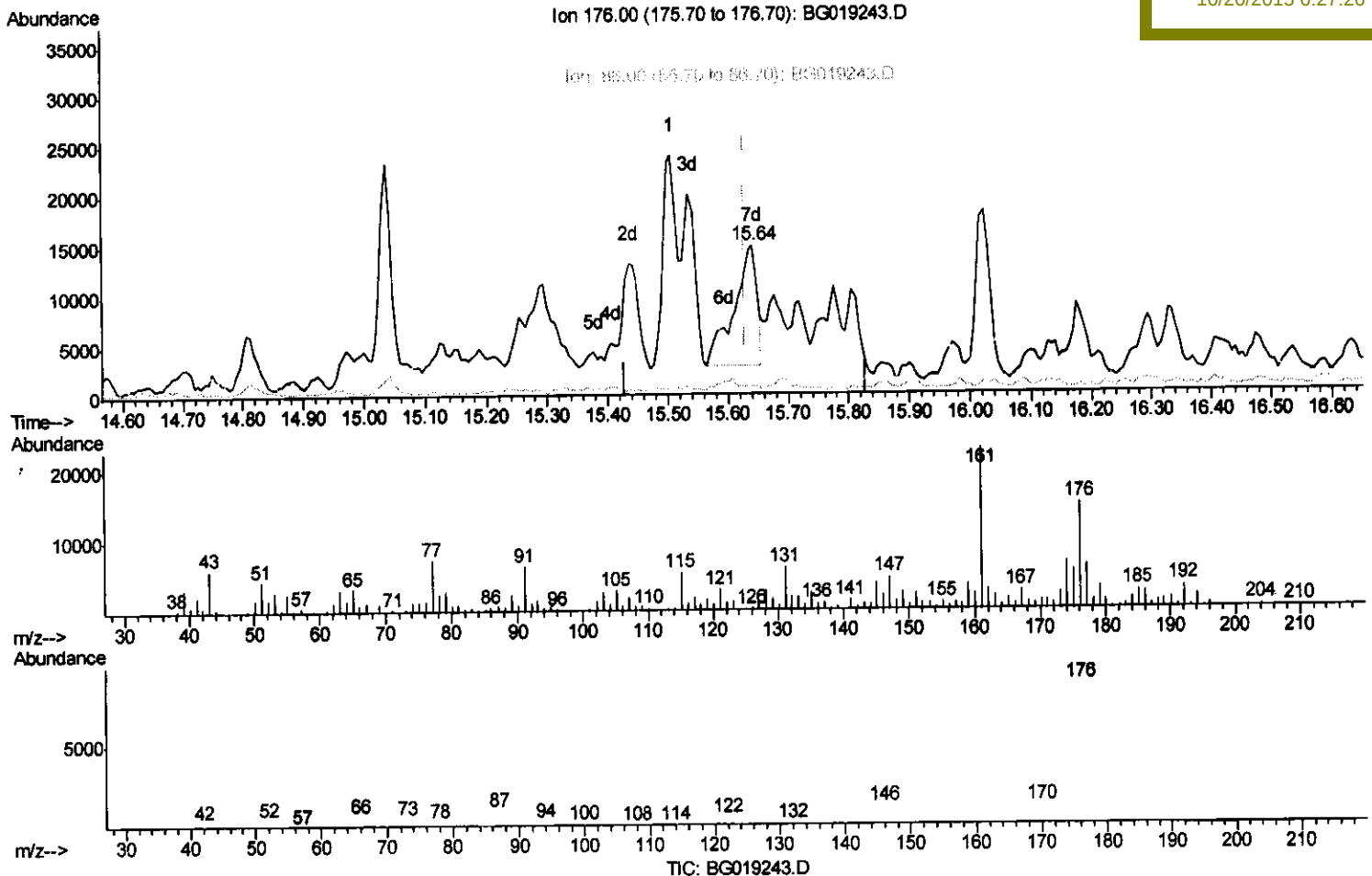
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(58) Fluorene-d10 (S)

15.641min (+0.012) 7.86ng/ul m

response 32325

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	45.90#
87.00	12.30	5.82#
86.00	11.30	4.77#

UM
10/20/15

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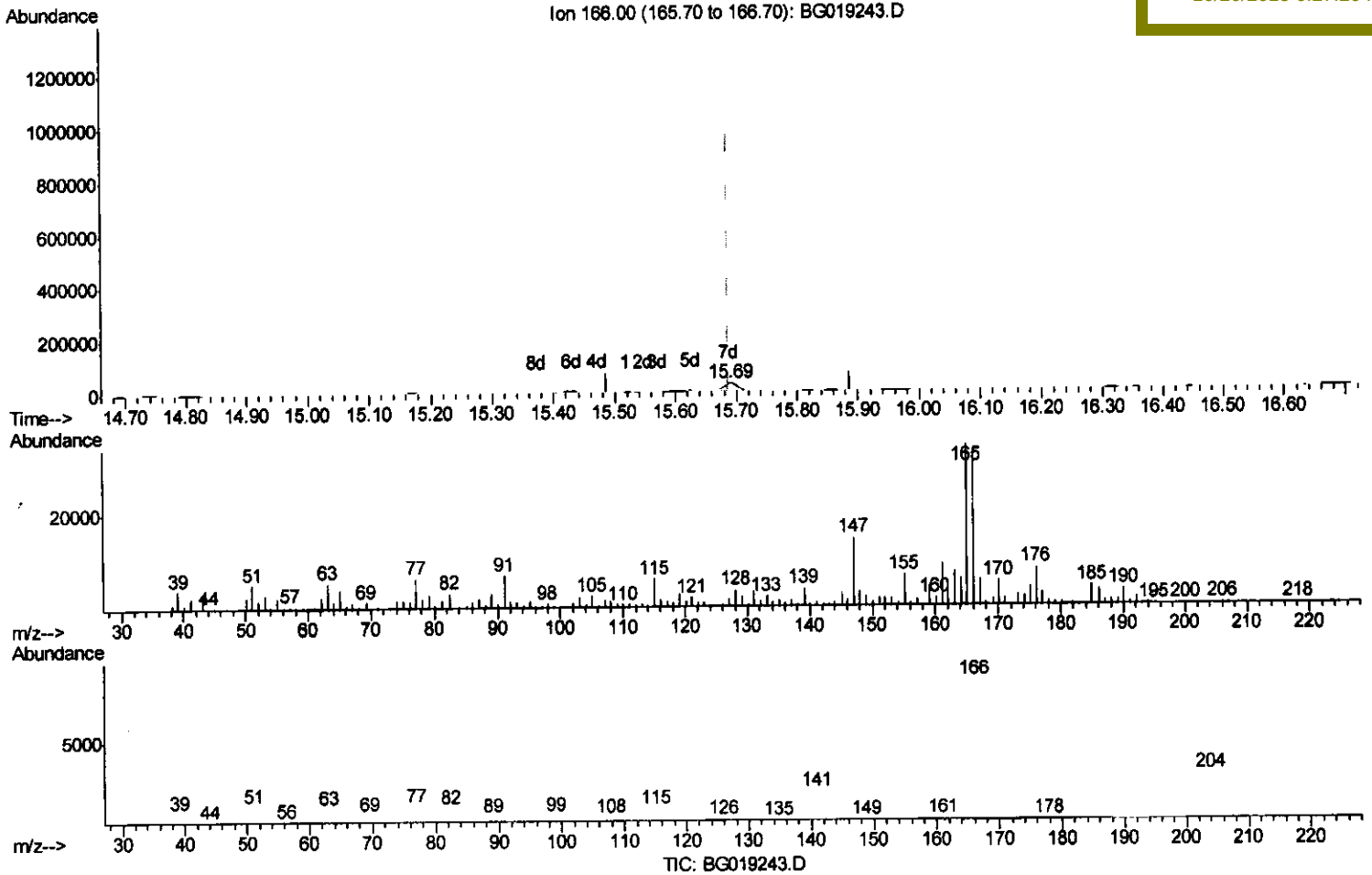
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(59) Fluorene

15.688min (+0.001) 10.82ng/ul m

response 50298

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	107.31
167.00	13.00	17.85#
0.00	0.00	0.00

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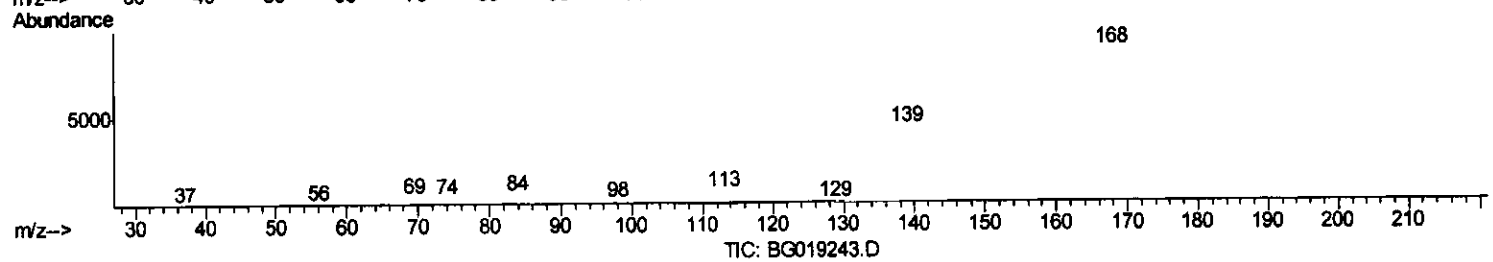
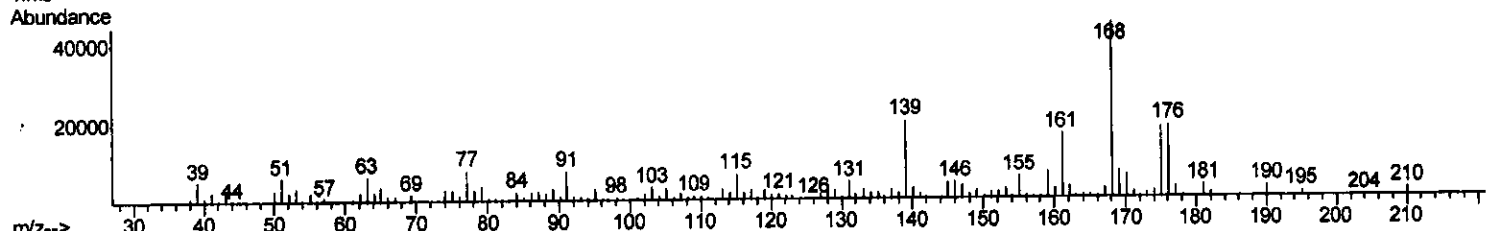
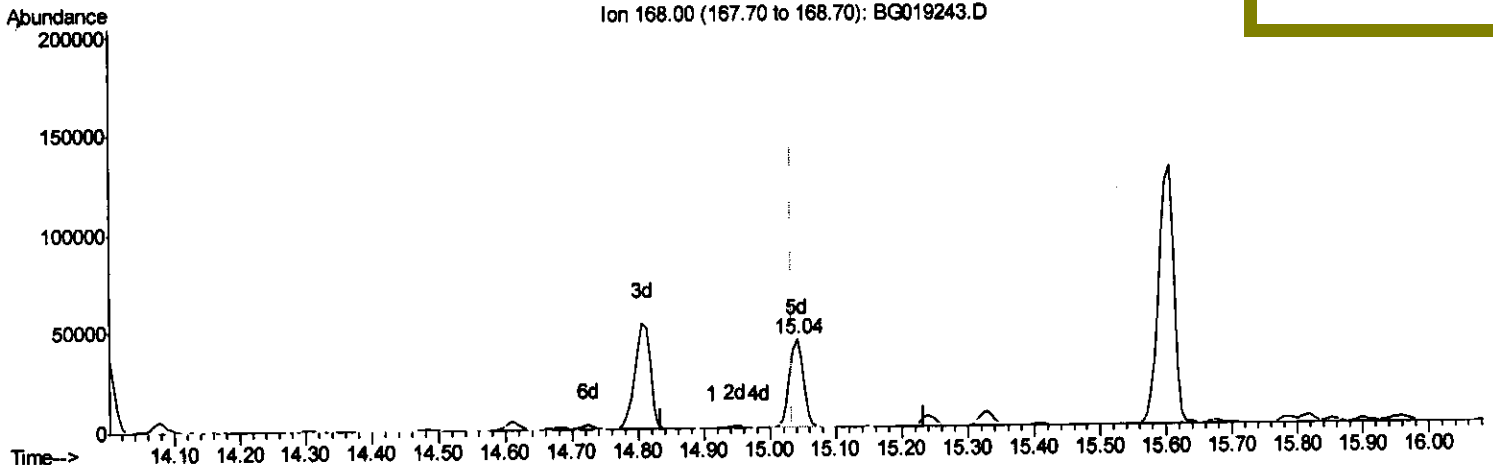
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(54) Dibenzofuran

15.042min (+0.007) 12.18ng/ul m

response 66127

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	44.82#
0.00	0.00	0.00
0.00	0.00	0.00

UM
 10/20/15

Quantitation Report (Qedit)

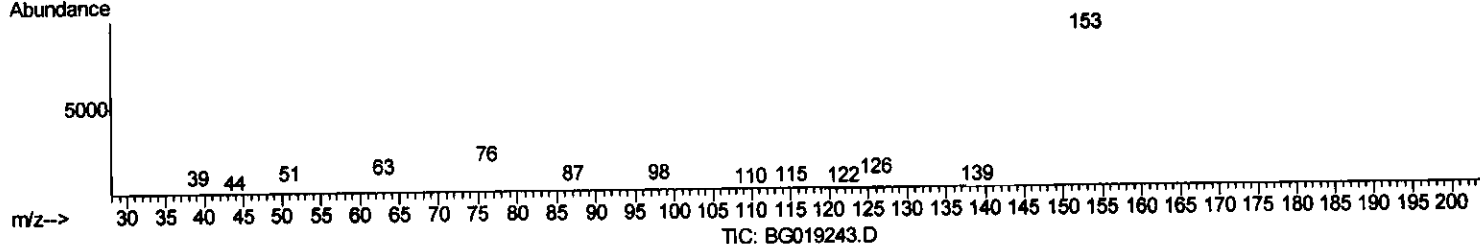
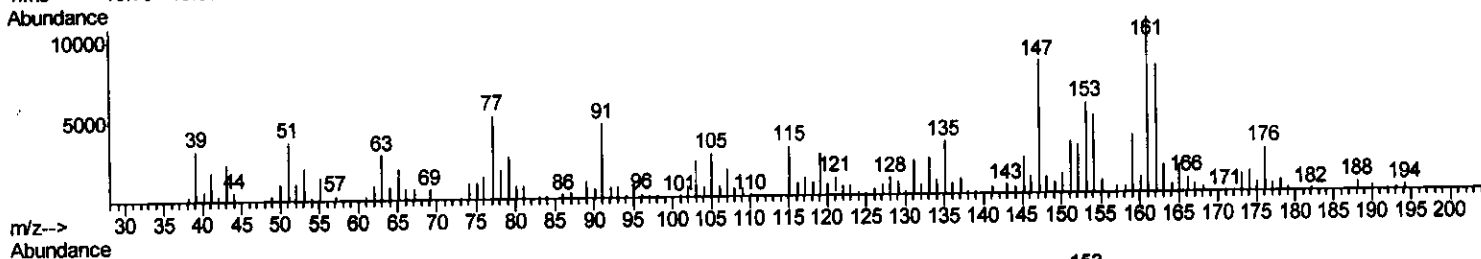
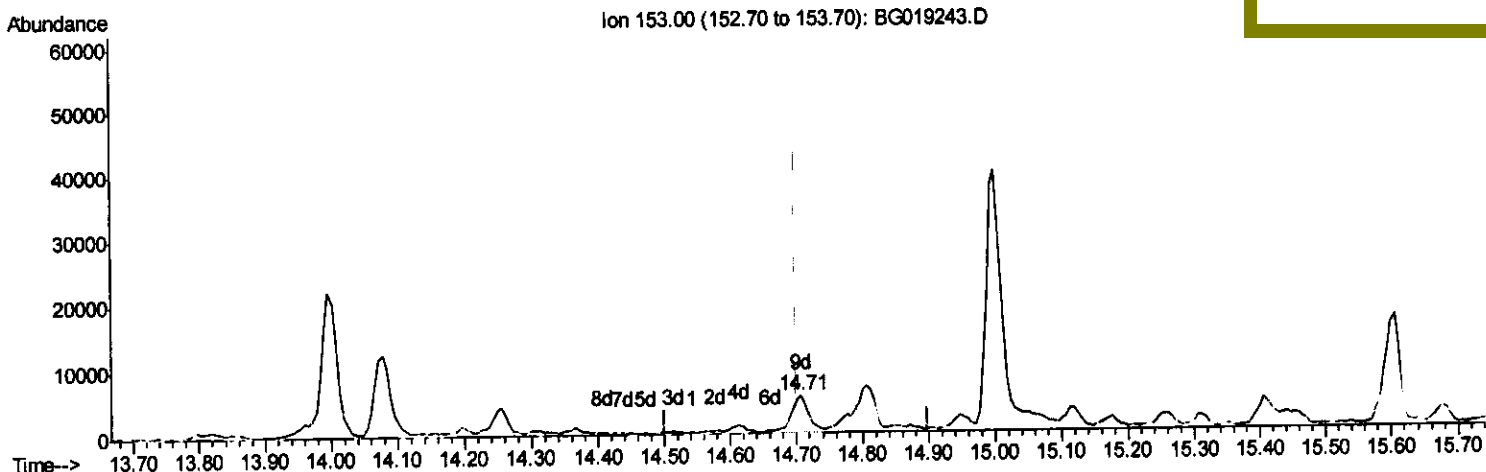
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:26 PM



(50) Acenaphthene (C)

14.707min (+0.007) 2.77ng/ul m

response 10646

Ion	Exp%	Act%
153.00	100	100
152.00	45.20	54.72#
154.00	84.40	87.01
0.00	0.00	0.00

UM
 10/26/15

Quantitation Report (Qedit)

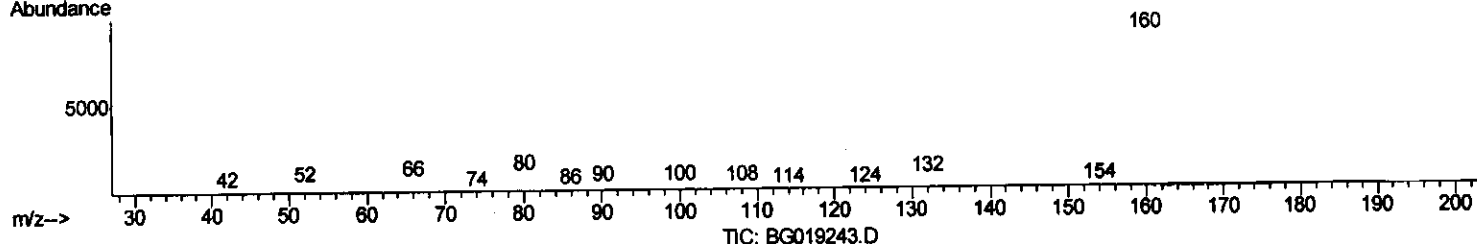
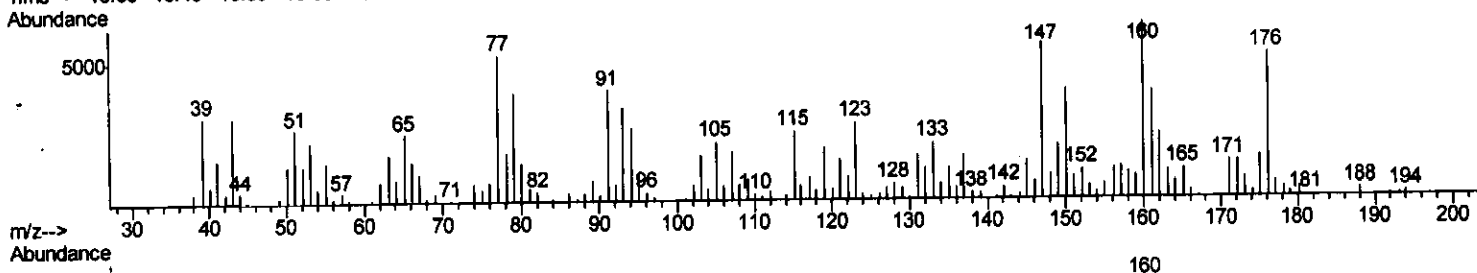
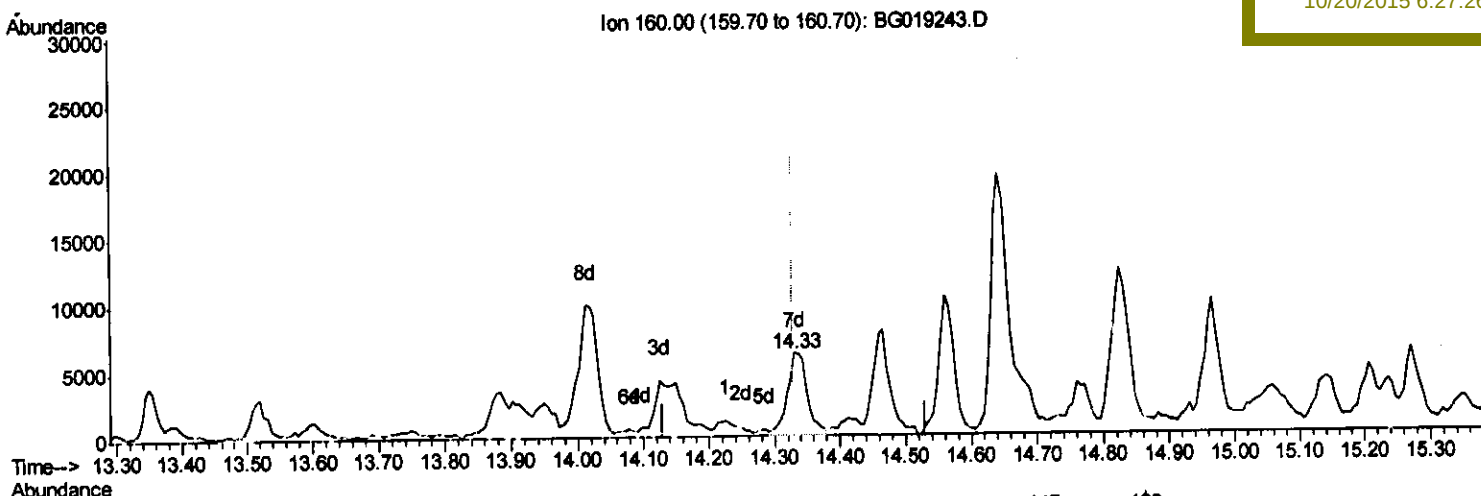
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Quant Time: Oct 20 05:38:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration

Manual Integrations
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(47) Acenaphthylene-d8 (S)

14.331min (+0.001) 2.57ng/ul m

response 13378

Ion	Exp%	Act%
160.00	100	100
80.00	11.60	24.15#
158.00	15.80	17.43
0.00	0.00	0.00

U-47
10/20/15

Quantitation Report (Qedit)

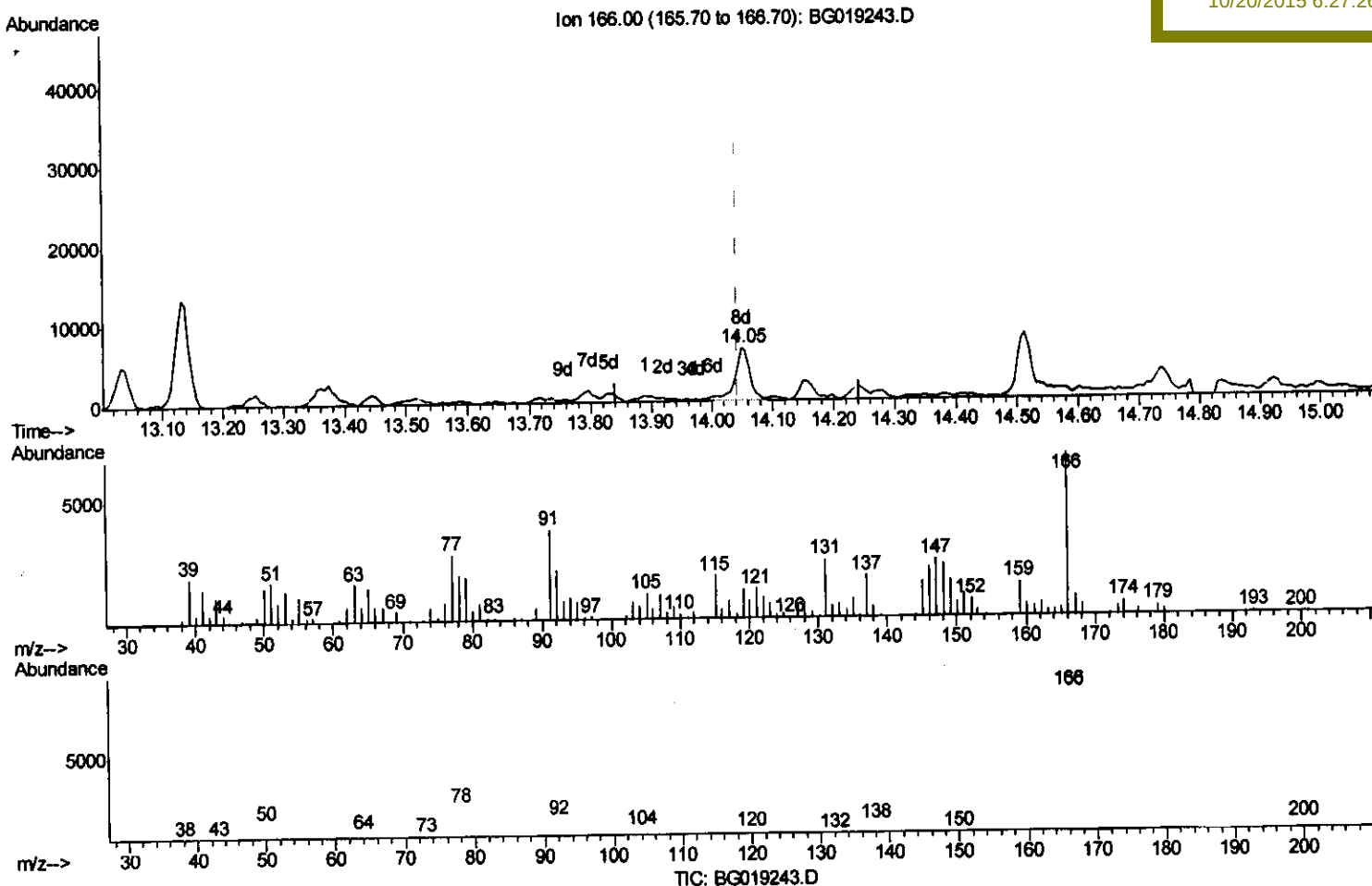
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(44) Dimethylphthalate-d6 (S)

14.049min (+0.007) 2.36ng/ul m

response 11370

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	29.94#
0.00	0.00	0.00
0.00	0.00	0.00

UM
 10/20/15

Quantitation Report (Qedit)

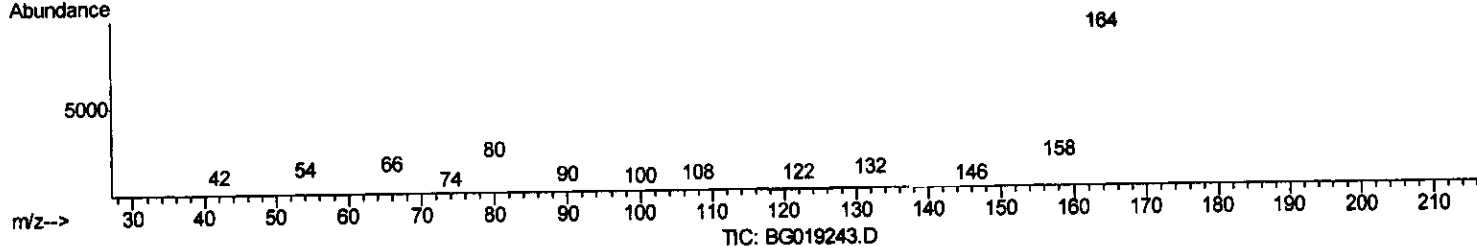
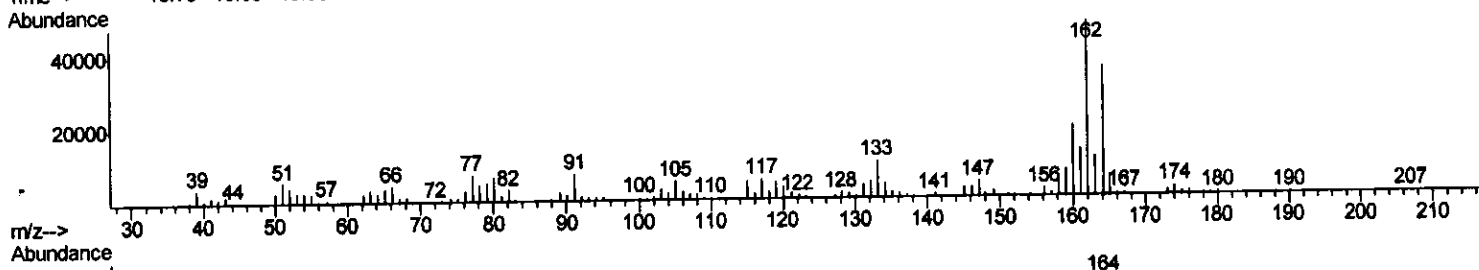
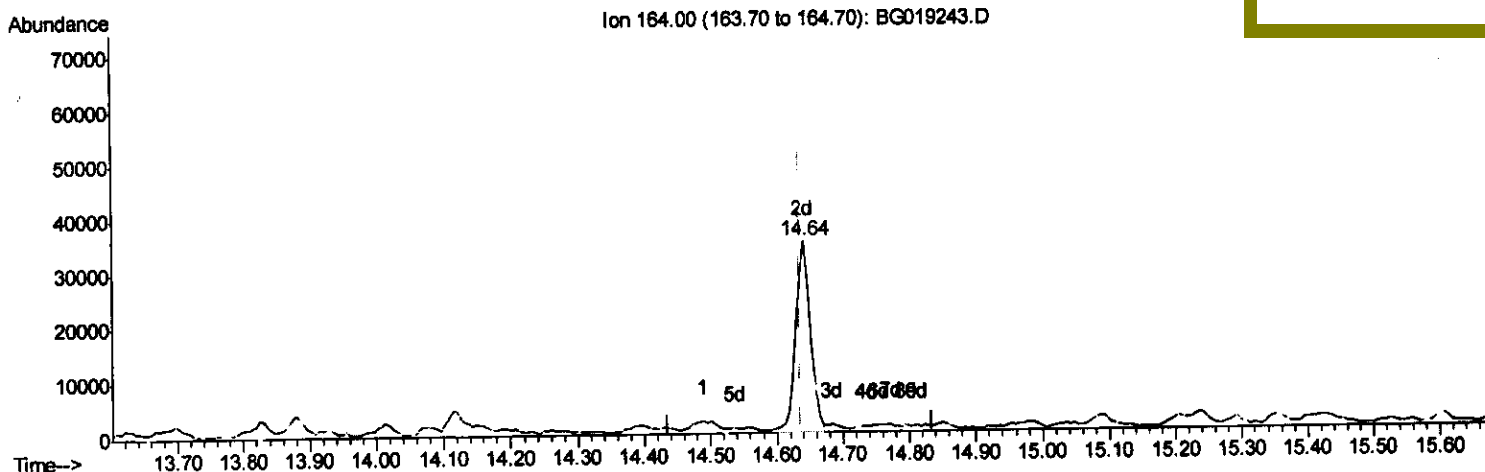
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(36) Acenaphthene-d10 (I)

14.642min (+0.007) 20.00ng/ul m

response 55024

Ion	Exp%	Act%
164.00	100	100
162.00	102.00	135.57#
160.00	42.40	55.39#
0.00	0.00	0.00

UM
 10/20/15

Quantitation Report (Qedit)

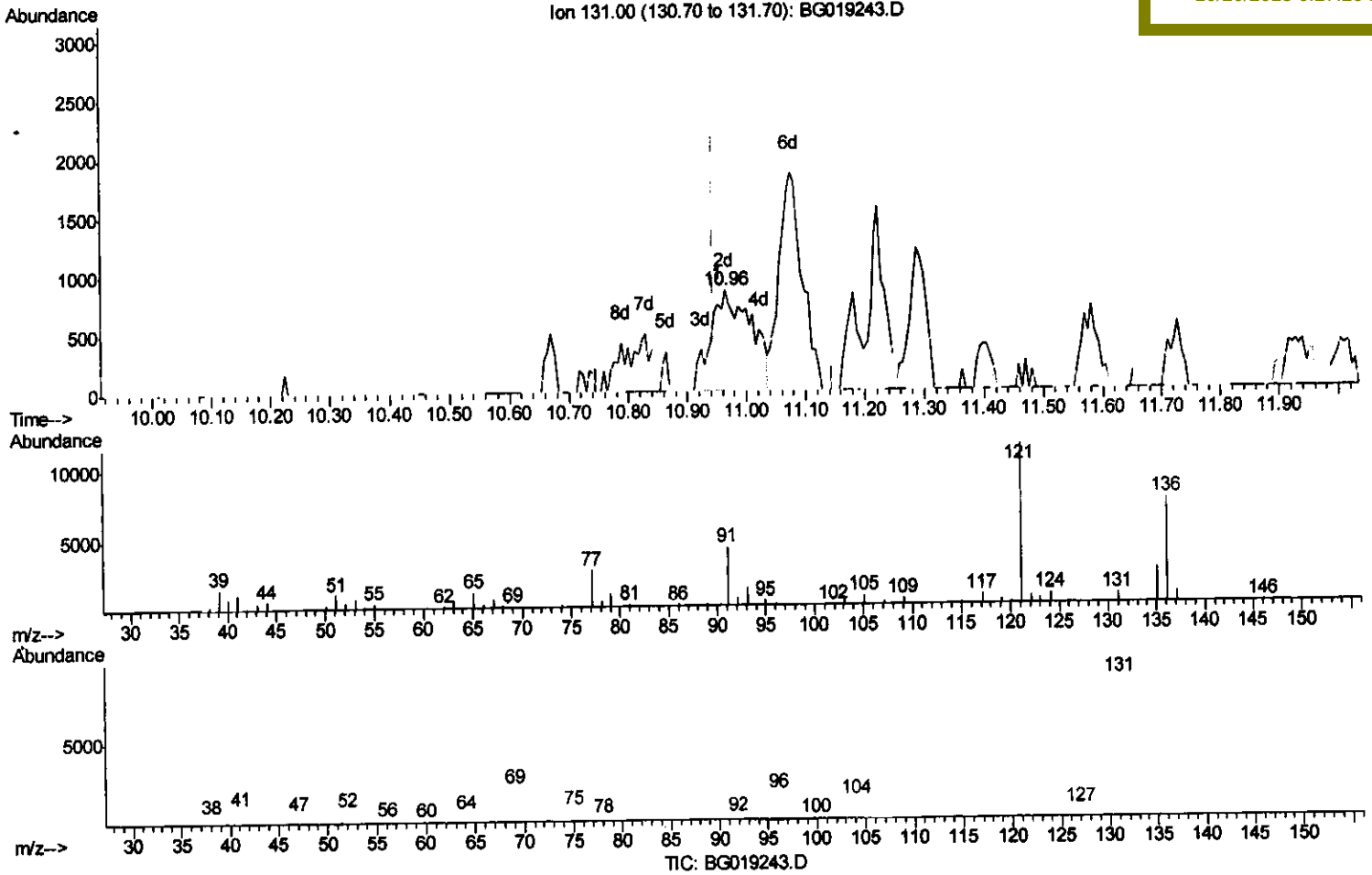
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.964min (+0.018) 2.46ng/ul m

response 4030

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	0.00#
69.00	17.00	29.07#
0.00	0.00	0.00

U.M.
10/20/15

Quantitation Report (Qedit)

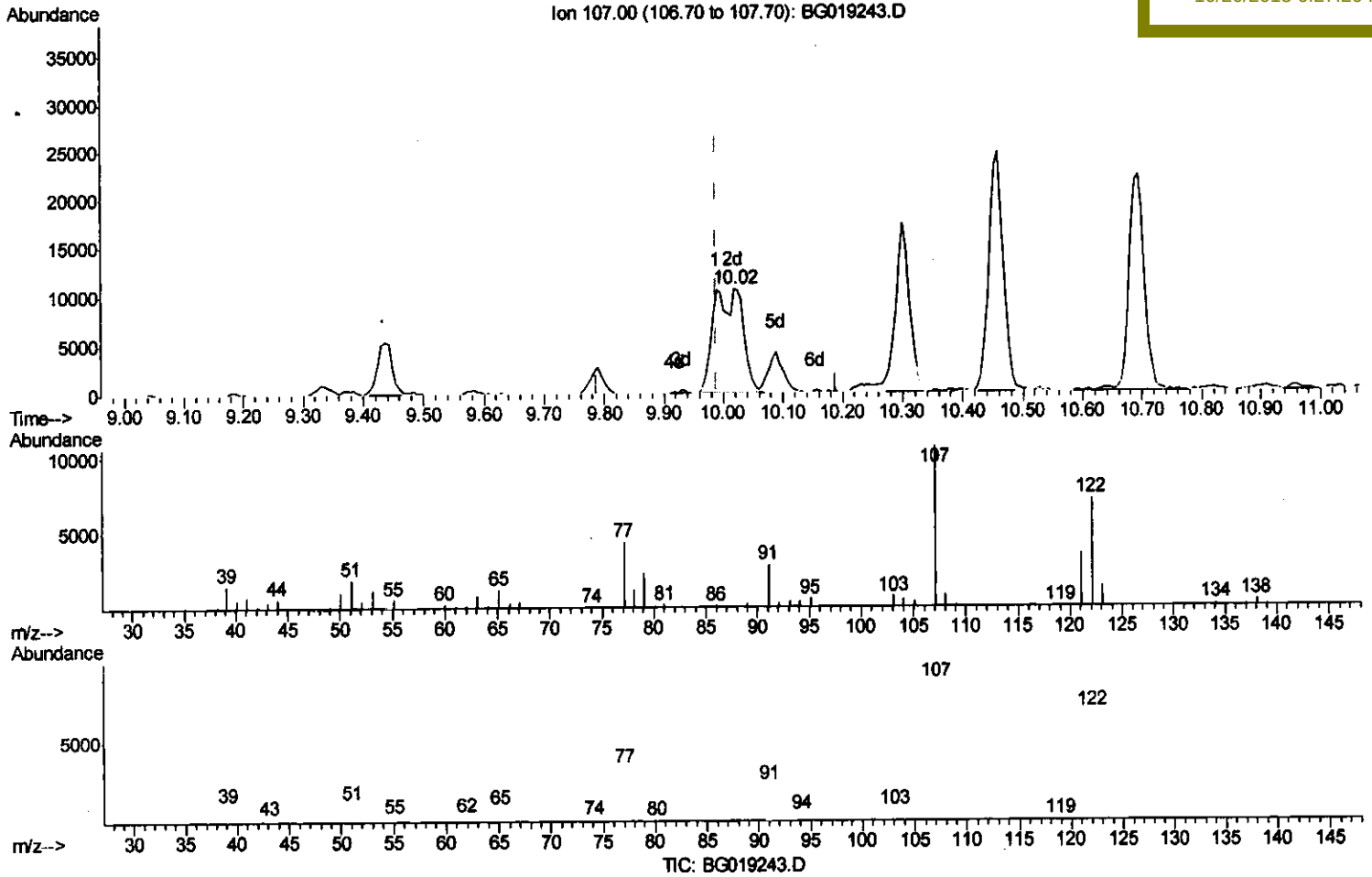
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

10.018min (+0.030) 21.92ng/ul m

response 36239

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	34.08#
122.00	84.50	67.14#
0.00	0.00	0.00

U.M
 10/20/15

Quantitation Report (Qedit)

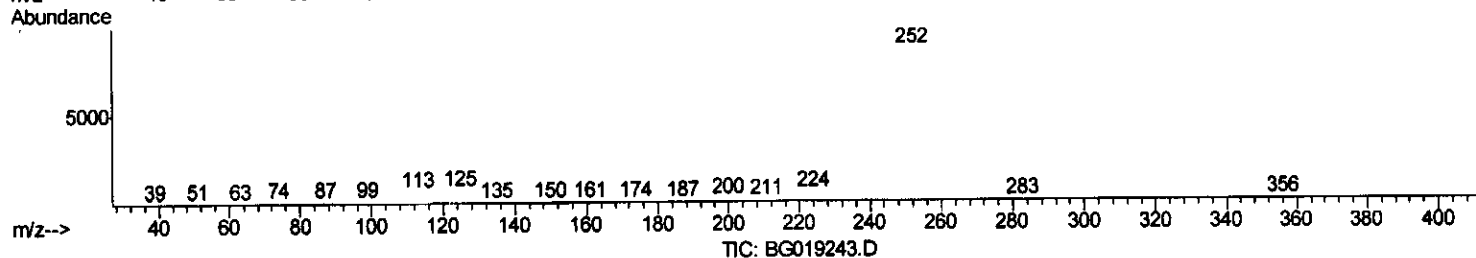
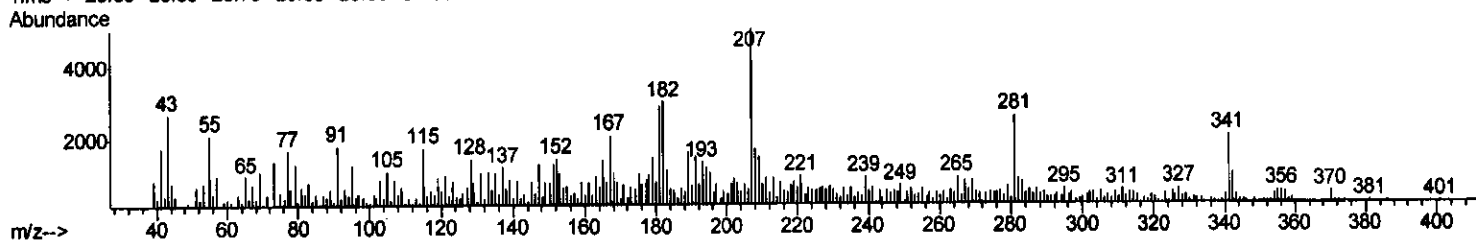
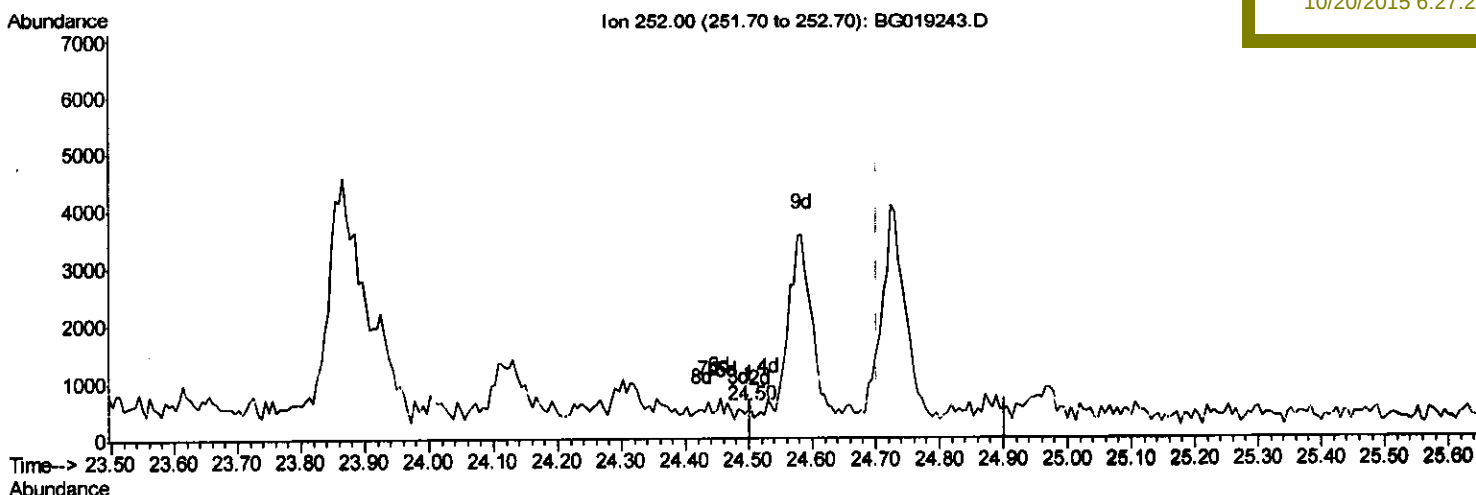
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Quant Time: Oct 20 18:37:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Manual Integrations
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(91) Benzo(a)pyrene (C)

24.501min (-0.201) 0.09ng/ui

response 71

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	66.78#
125.00	11.80	59.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

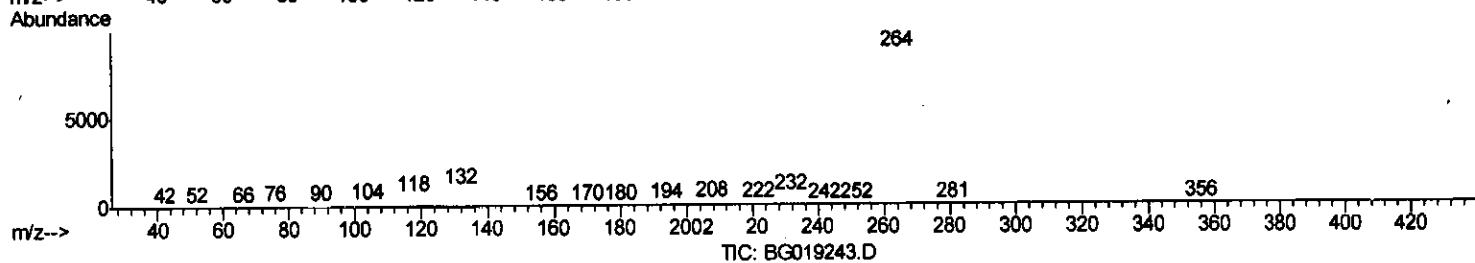
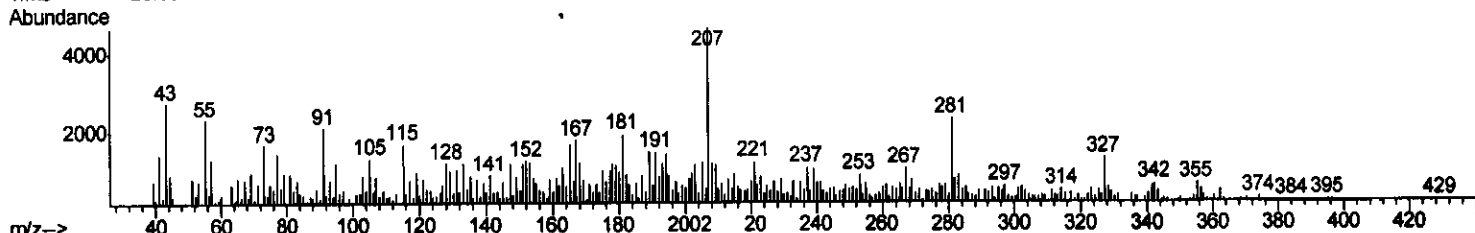
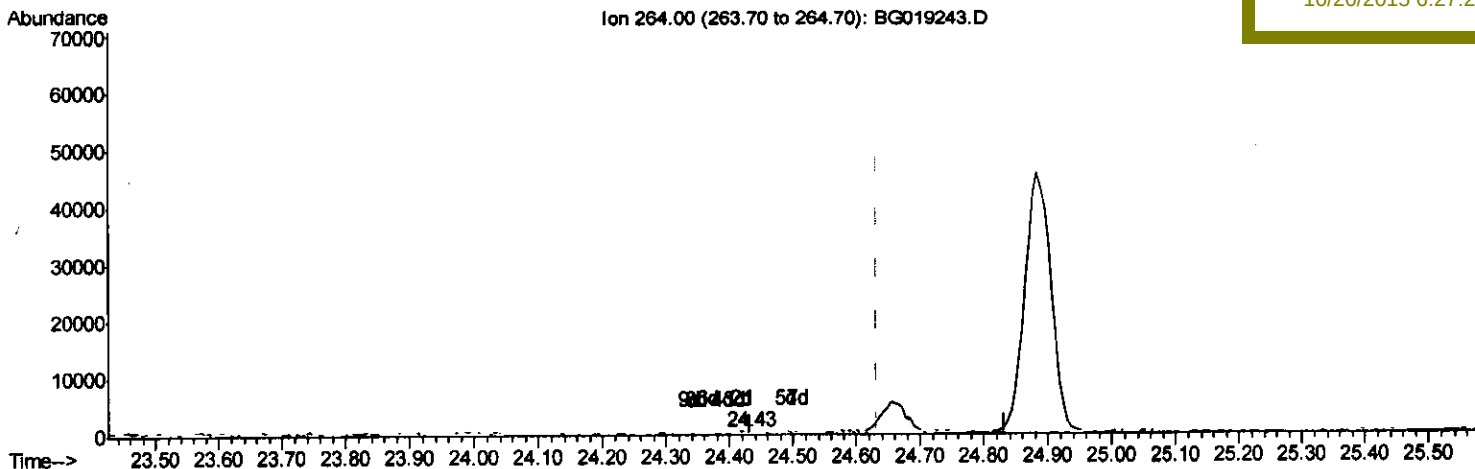
```
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\  
Data File : BG019243.D  
Acq On    : 19 Oct 2015 16:13  
Operator  : UM/NP  
Sample    : G3996-14DL 10X  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Quant Time: Oct 20 18:37:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Manual Integrations

MMdadoda
10/20/2015 6:27:26 PM



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

24.431min (-0.201) 0.15ng/ul

response 110

Ion	Exp%	Act%
264.00	100	100
132.00	15.40	88.65#
118.00	9.00	60.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

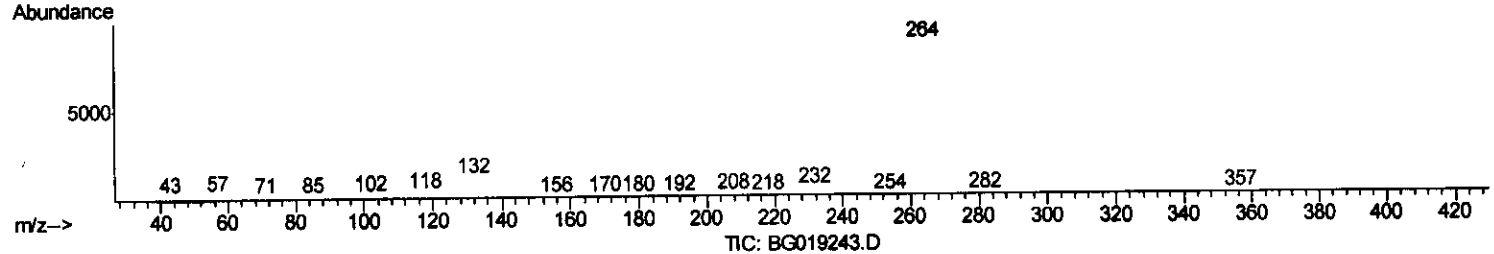
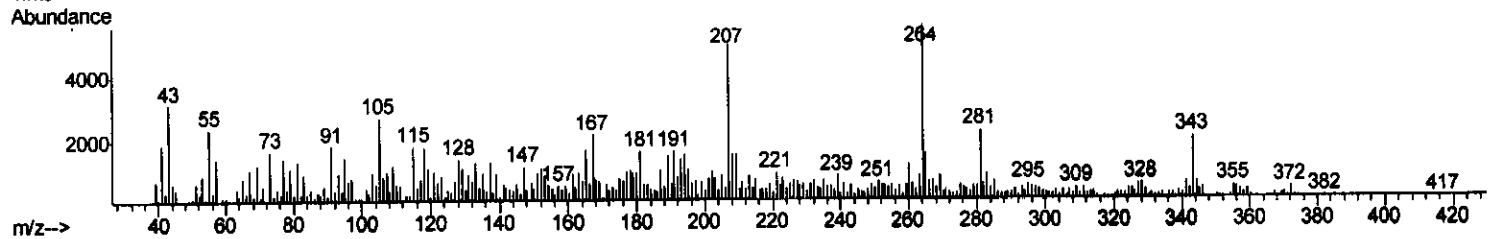
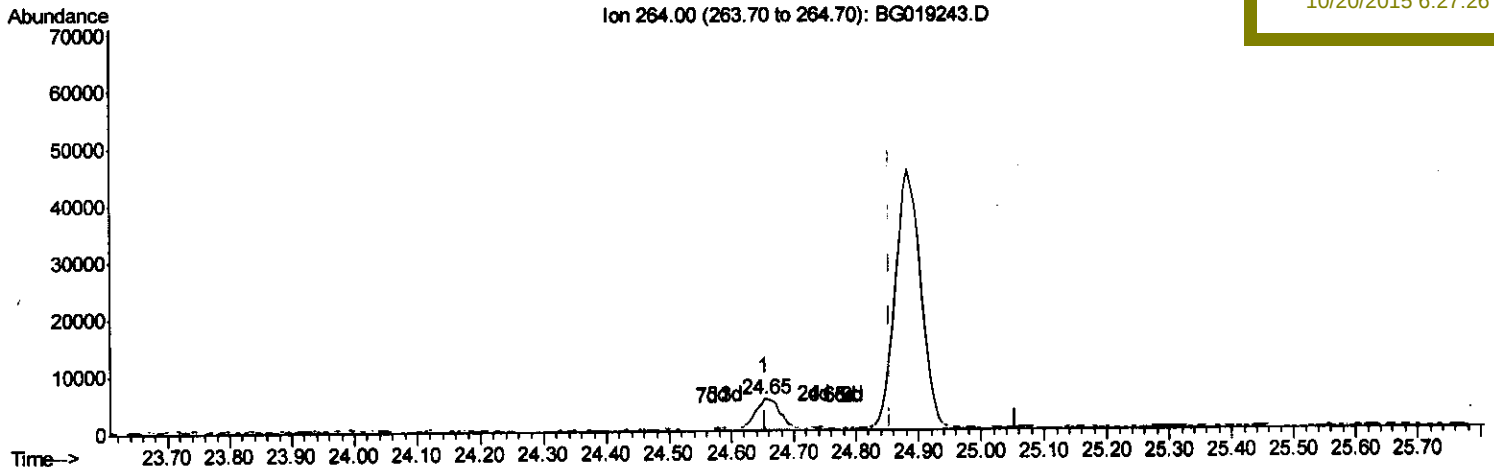
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:26 PM



(86) Perylene-d12 (I)

24.654min (-0.201) 20.00ng/ul

response 14814

Ion	Exp%	Act%
264.00	100	100
260.00	24.00	22.36
265.00	21.10	28.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

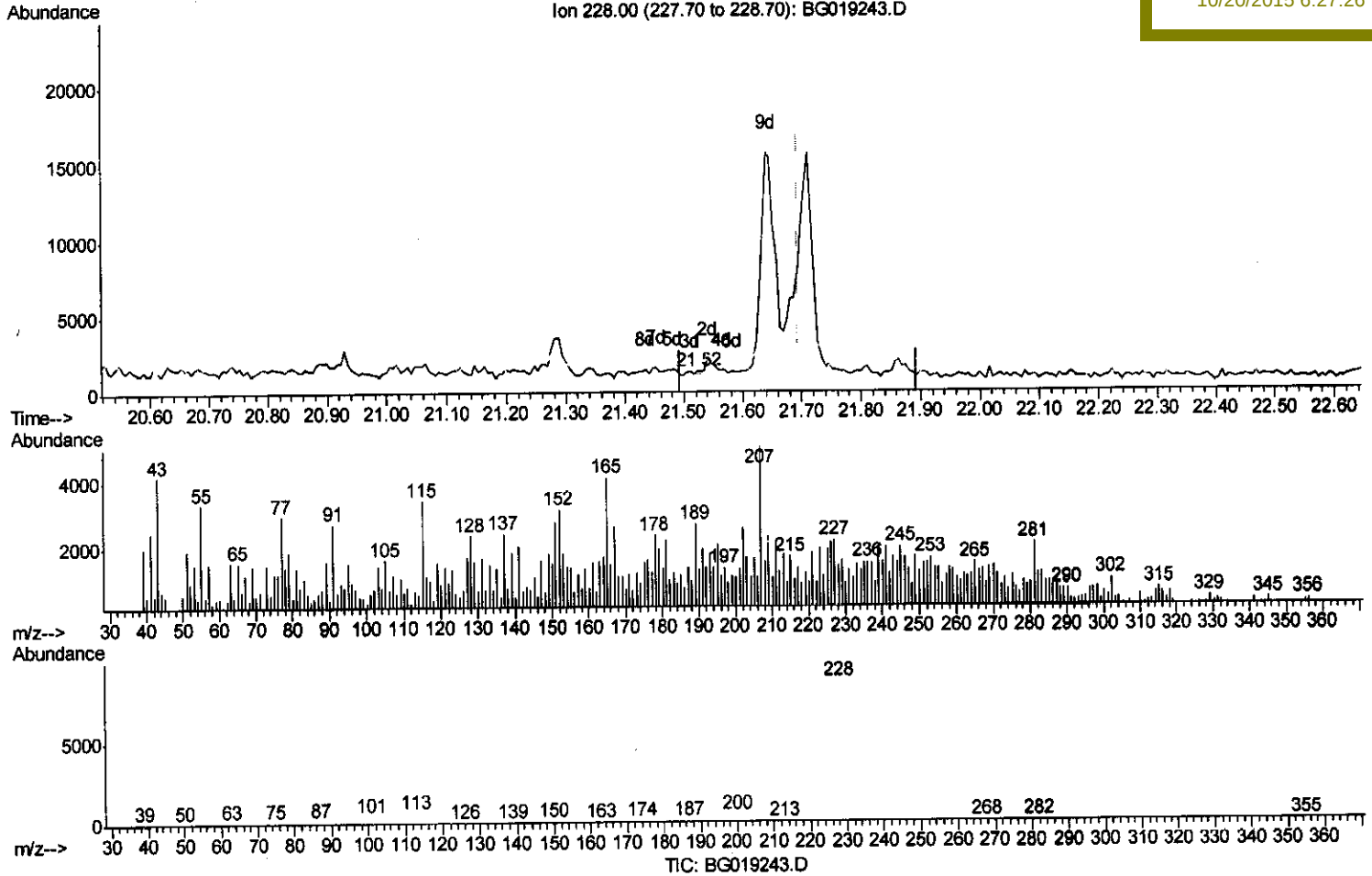
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:26 PM



(85) Chrysene

21.522min (-0.172) 14.64ng/ul

response 165

Ion	Exp%	Act%
228.00	100	100
226.00	30.20	153.96#
229.00	19.50	112.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

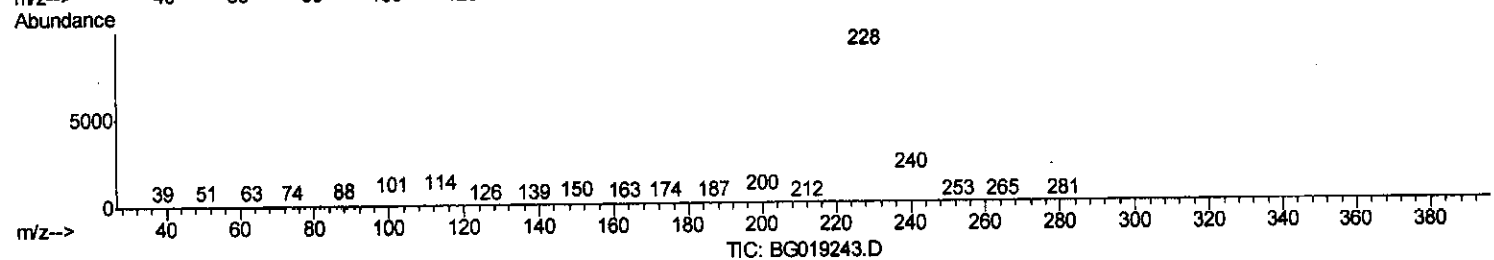
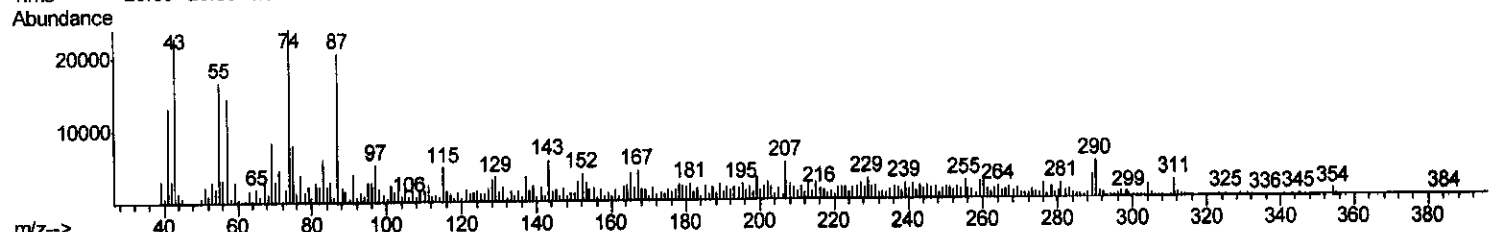
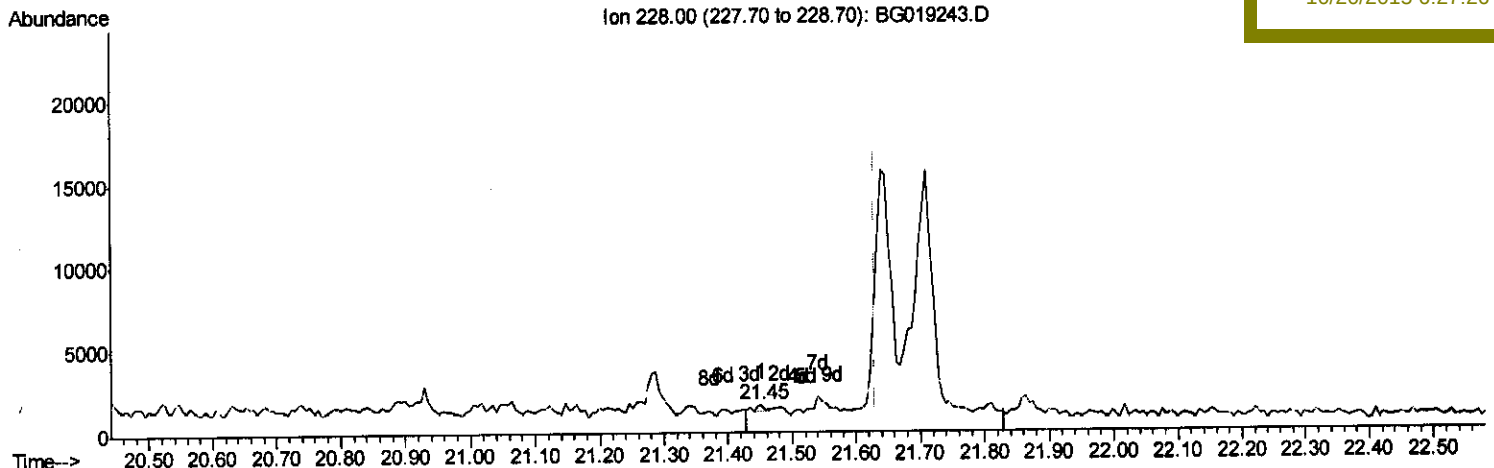
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(83) Benzo(a)anthracene

21.452min (-0.178) 31.47ng/ul

response 375

Ion	Exp%	Act%
228.00	100	100
229.00	20.70	178.68#
226.00	28.50	109.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

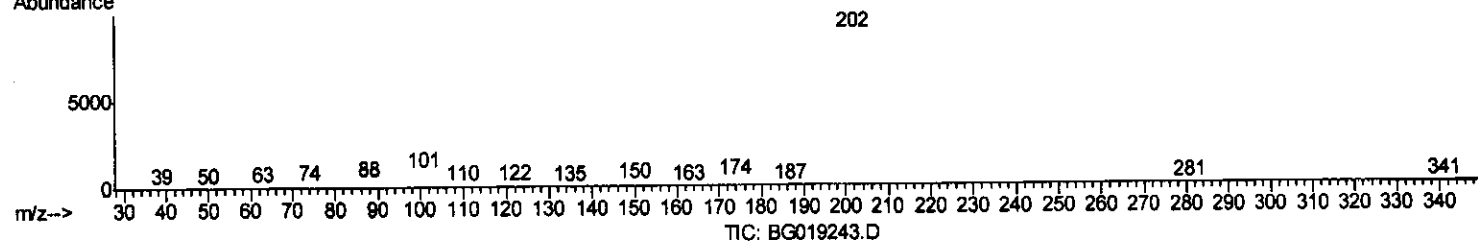
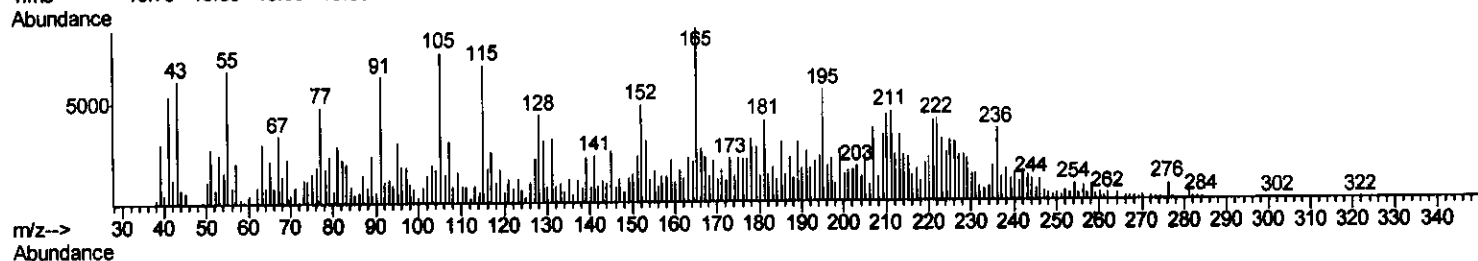
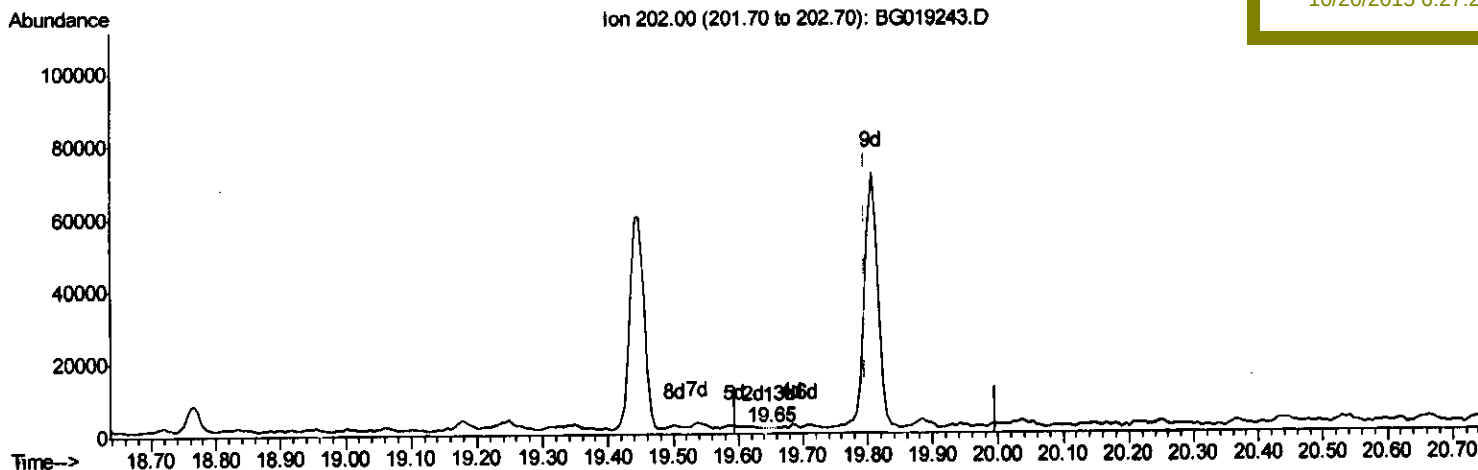
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:26 PM



(80) Pyrene

19.648min (-0.149) 9.34ng/ul

response 117

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	50.98#
100.00	10.60	24.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

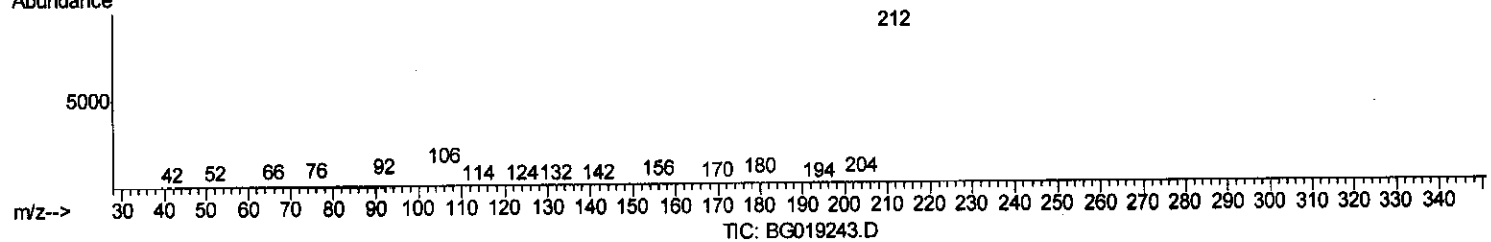
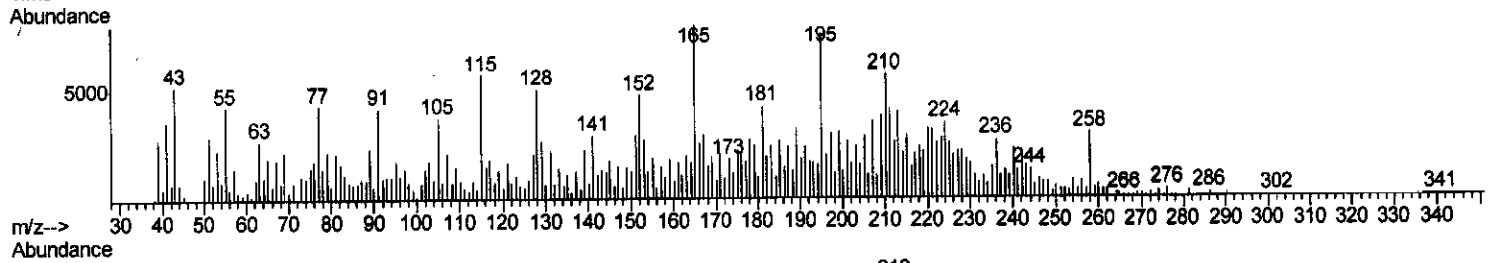
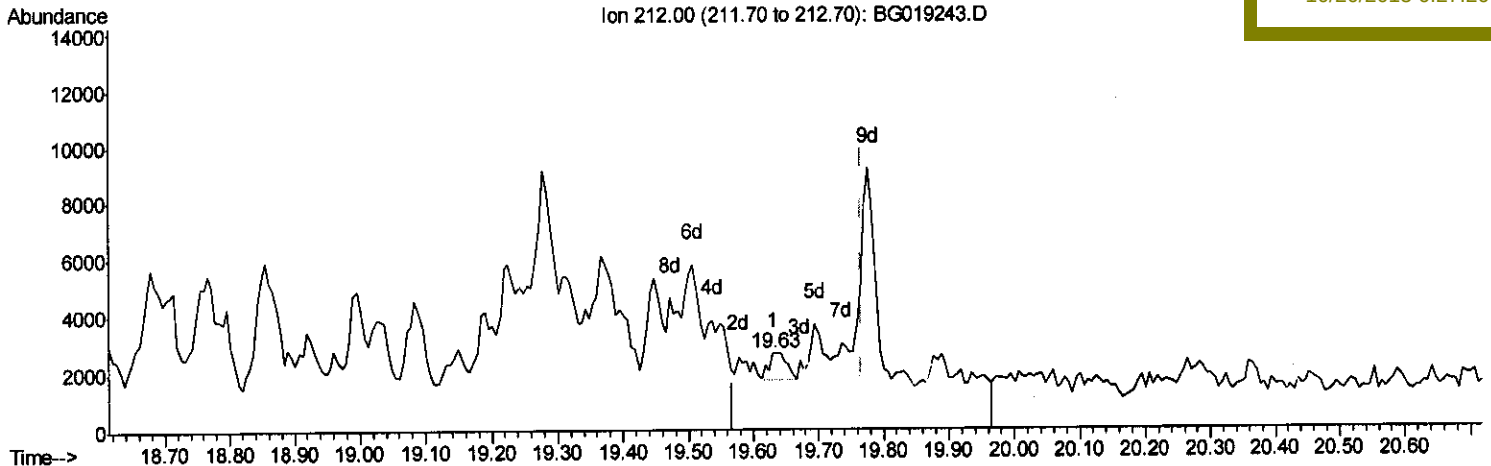
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(79) Pyrene-d10 (S)

19.630min (-0.137) 186.72ng/ul

response 1787

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	33.38#
104.00	9.60	37.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

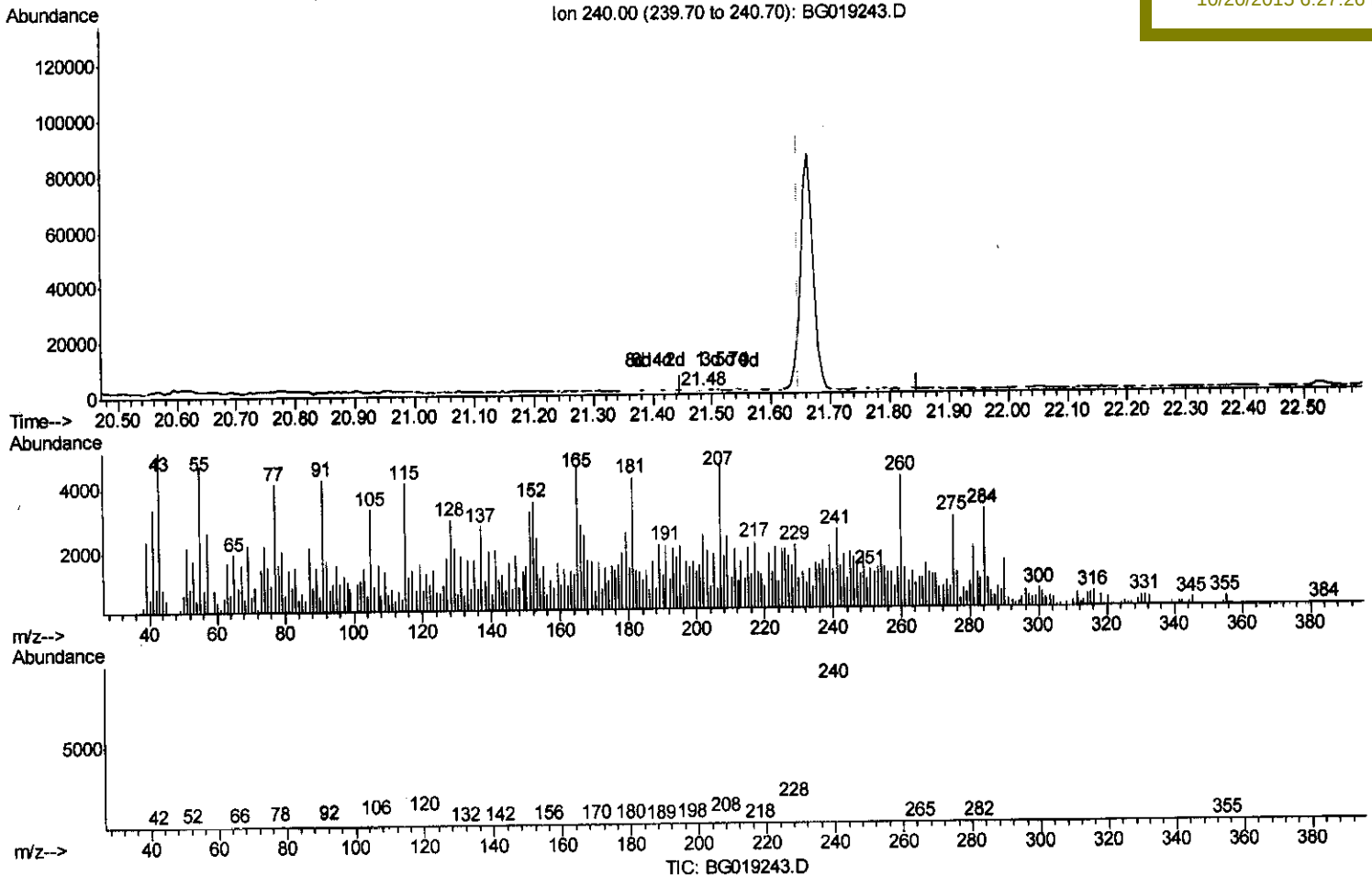
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(78) Chrysene-d12 (I)

21.481min (-0.166) 20.00ng/ul

response 211

Ion	Exp%	Act%
240.00	100	100
120.00	10.30	58.67#
236.00	26.00	111.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

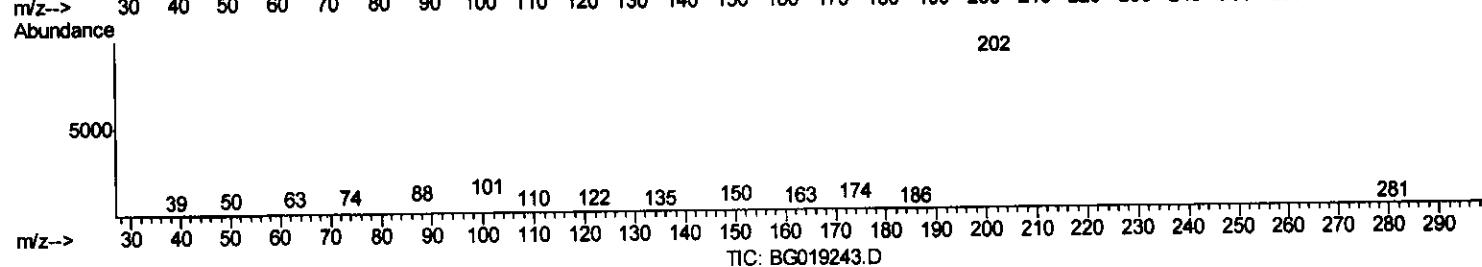
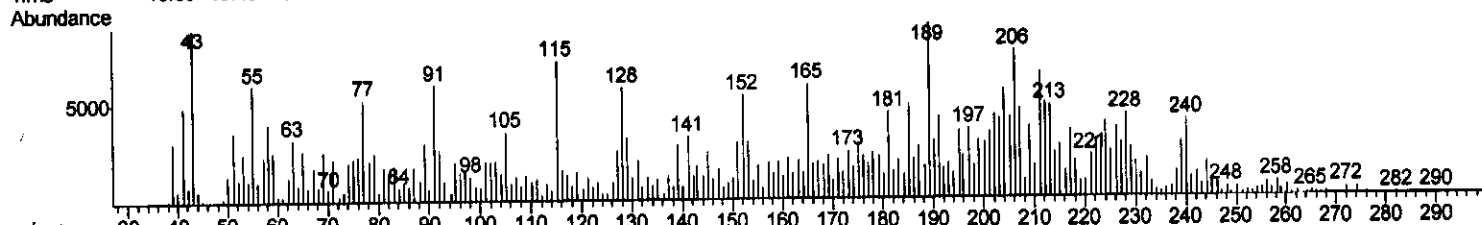
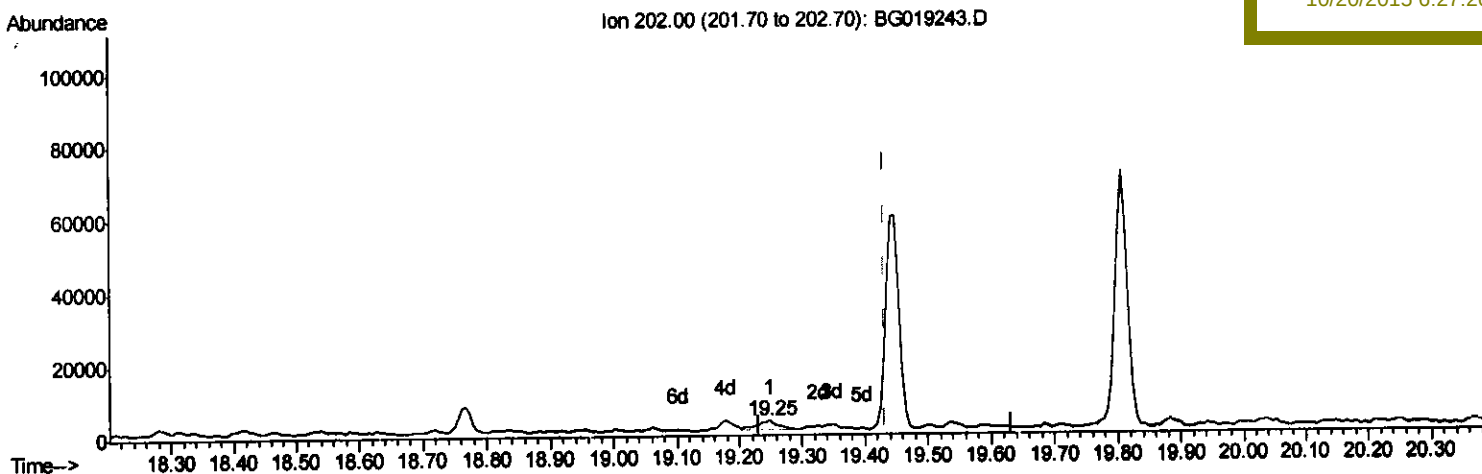
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 10/20/2015 6:27:26 PM



(77) Fluoranthene (C)

19.248min (-0.184) 6.32ng/ul

response 6066

Ion	Exp%	Act%
202.00	100	100
101.00	11.20	49.54#
100.00	8.60	18.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

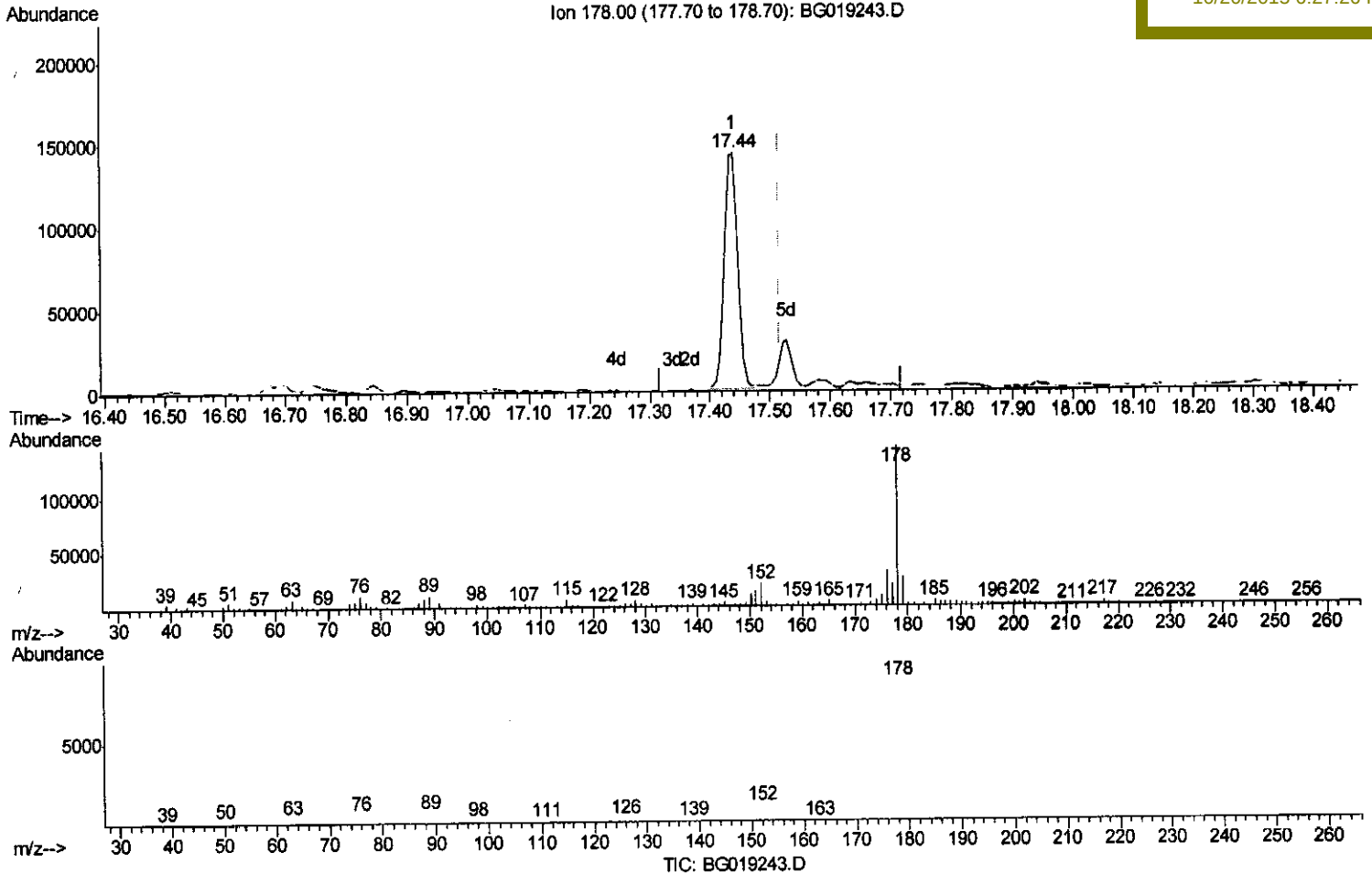
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Manual Integrations
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(72) Anthracene

17.439min (-0.078) 286.86ng/ul

response 223550

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.66
176.00	18.80	21.80
0.00	0.00	0.00

Quantitation Report (Qedit)

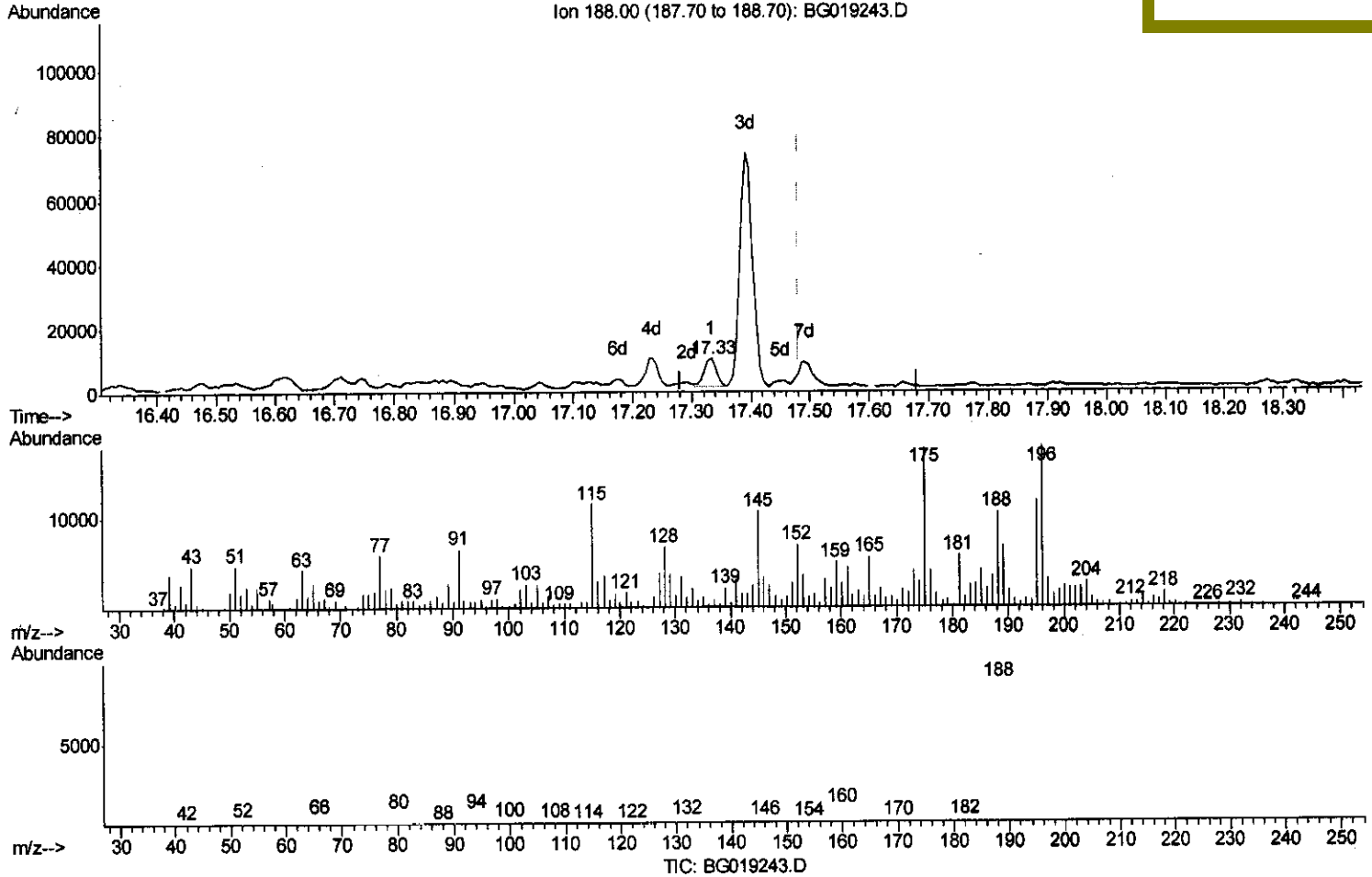
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(71) Anthracene-d10 (S)

17.333min (-0.149) 18.29ng/ul

response 11871

Ion	Exp%	Act%
188.00	100	100
94.00	10.20	8.09#
80.00	9.40	6.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

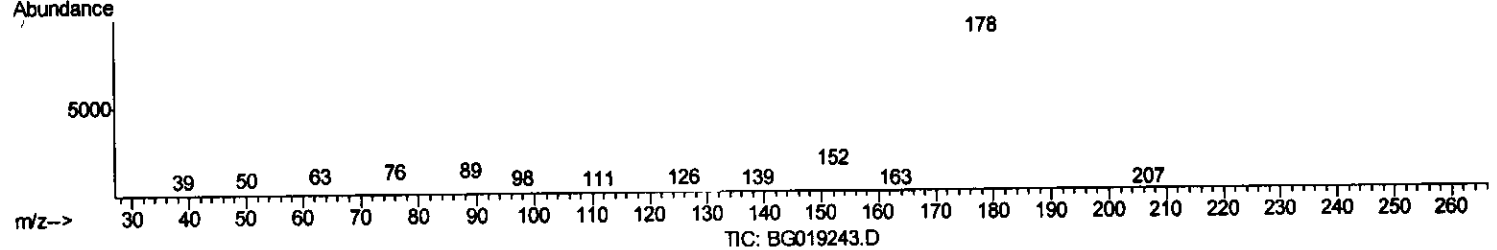
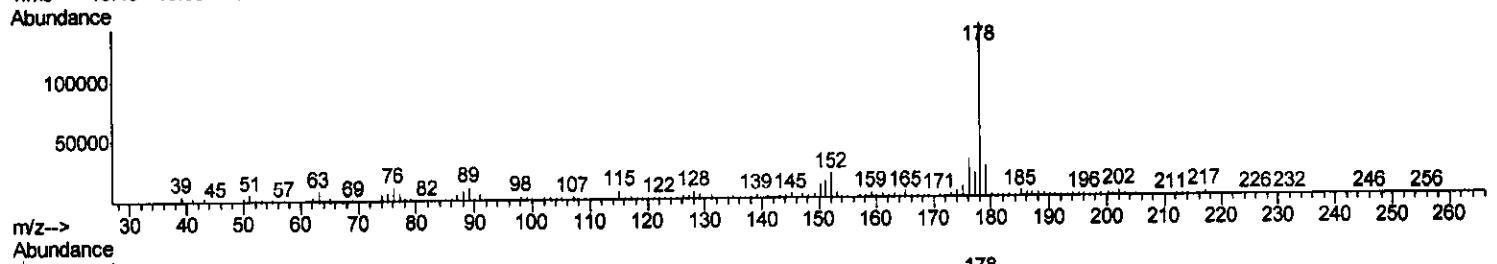
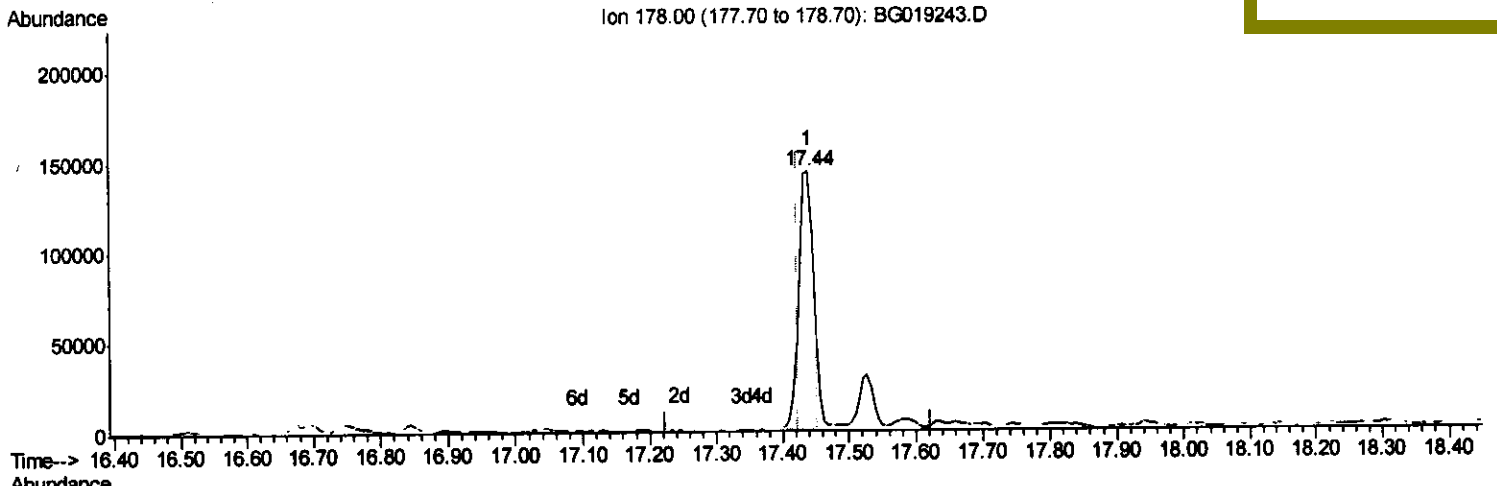
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(70) Phenanthrene

17.439min (+0.016) 279.52ng/ul

response 214398

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.66
176.00	19.20	21.80
0.00	0.00	0.00

Quantitation Report (Qedit)

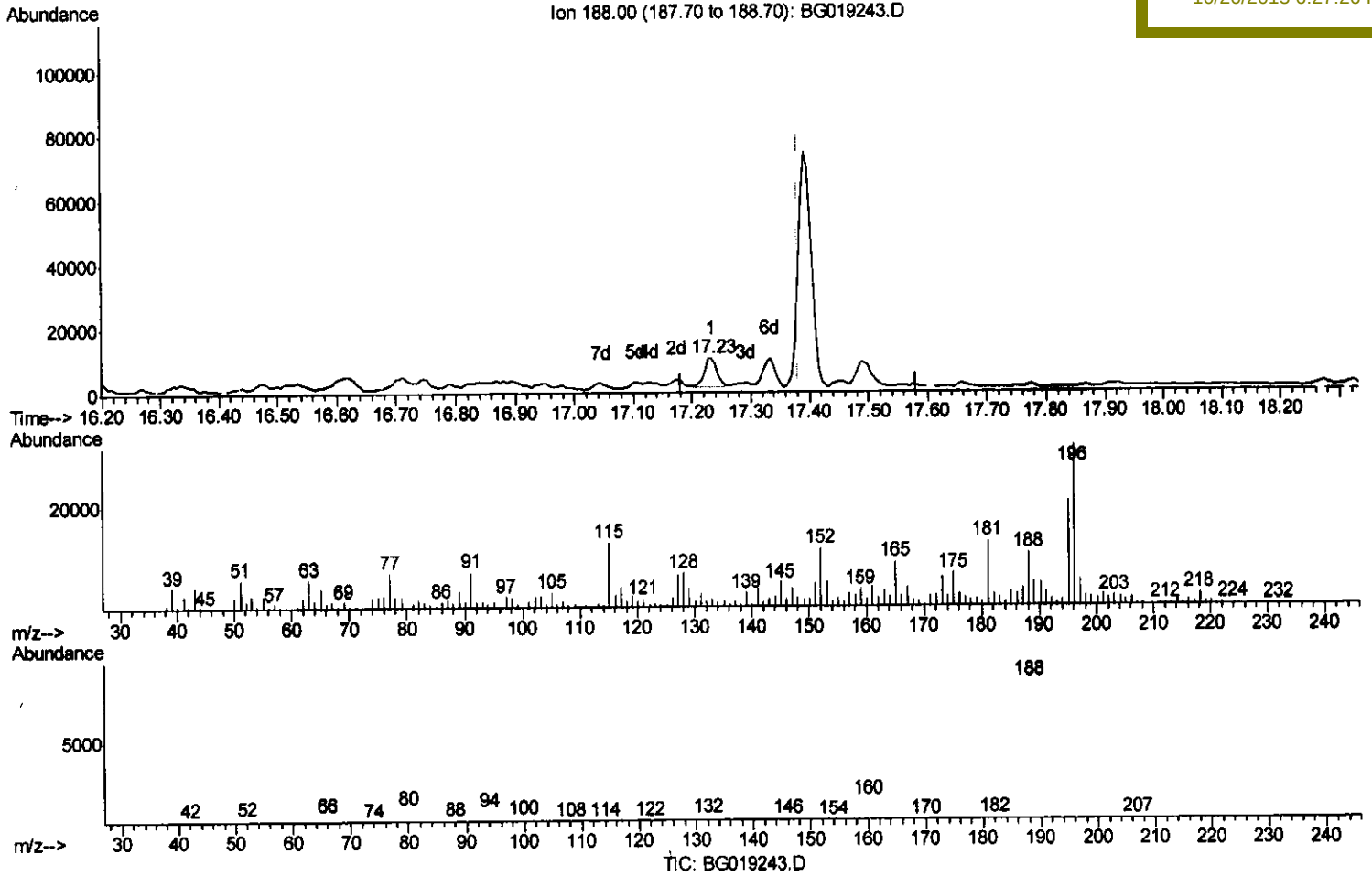
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.233min (-0.149) 20.00ng/ul

response 13737

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.42
80.00	10.90	4.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

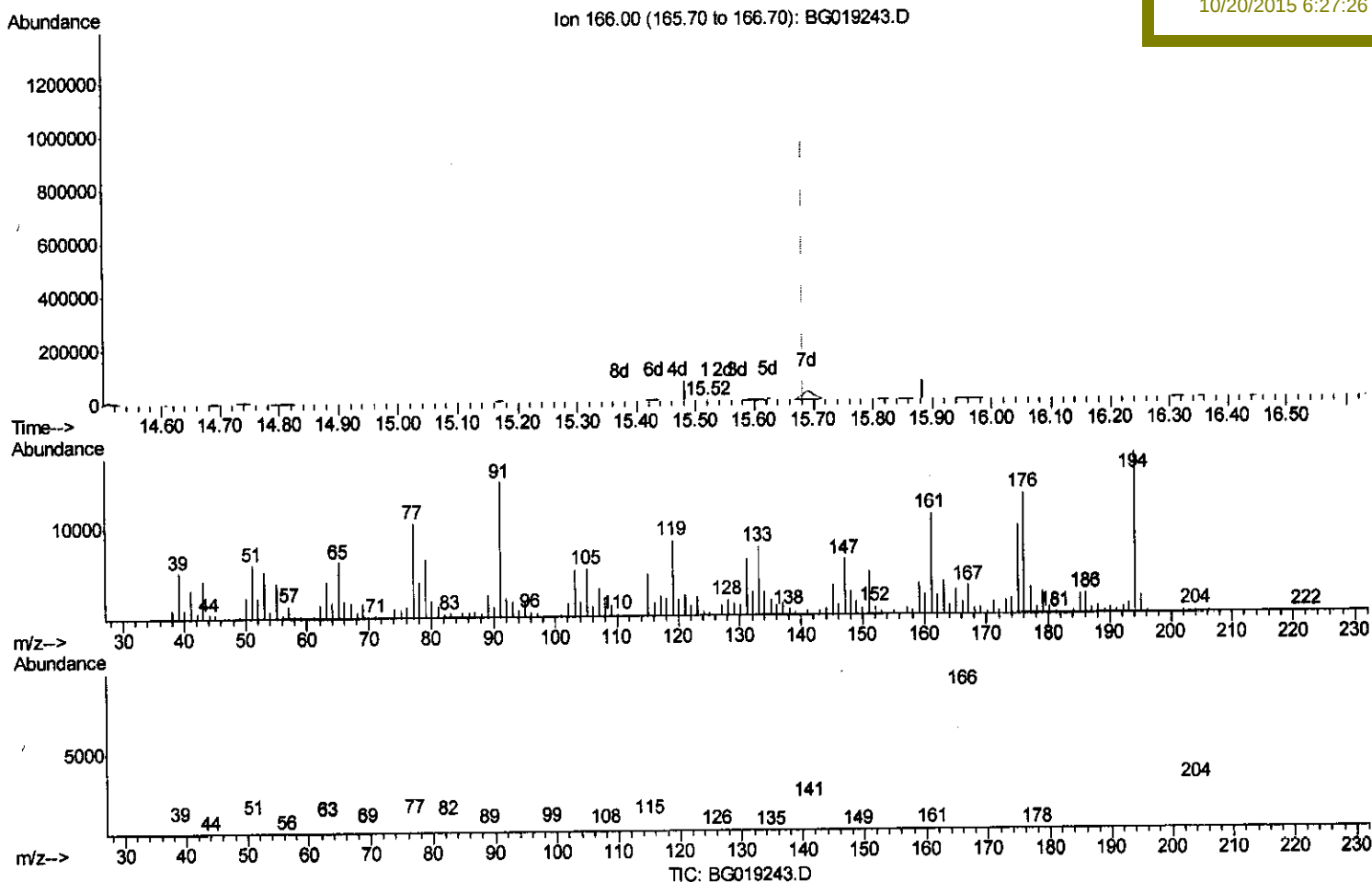
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(59) Fluorene

15.517min (-0.166) 10.04ng/ul

response 2169

Ion	Exp%	Act%
166.00	100	100
165.00	97.10	190.50#
167.00	13.00	225.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

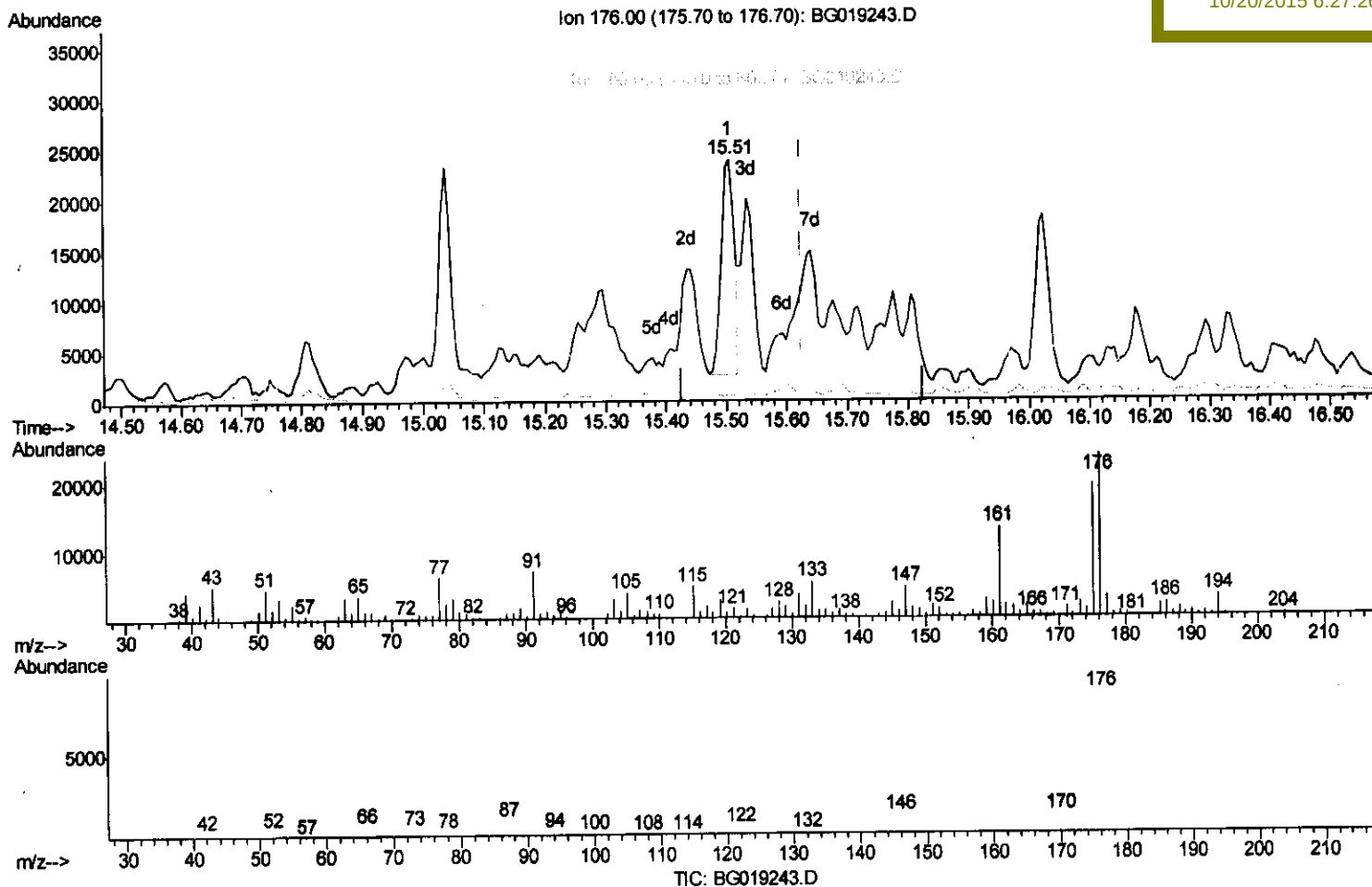
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 20 18:37:26 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E5LK1DL

Manual Integrations
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(58) Fluorene-d10 (S)

15.506min (-0.119) 170.26ng/ul

response 32544

Ion	Exp%	Act%
176.00	100	100
174.00	97.30	5.64#
87.00	12.30	4.73#
86.00	11.30	2.02#

Quantitation Report (Qedit)

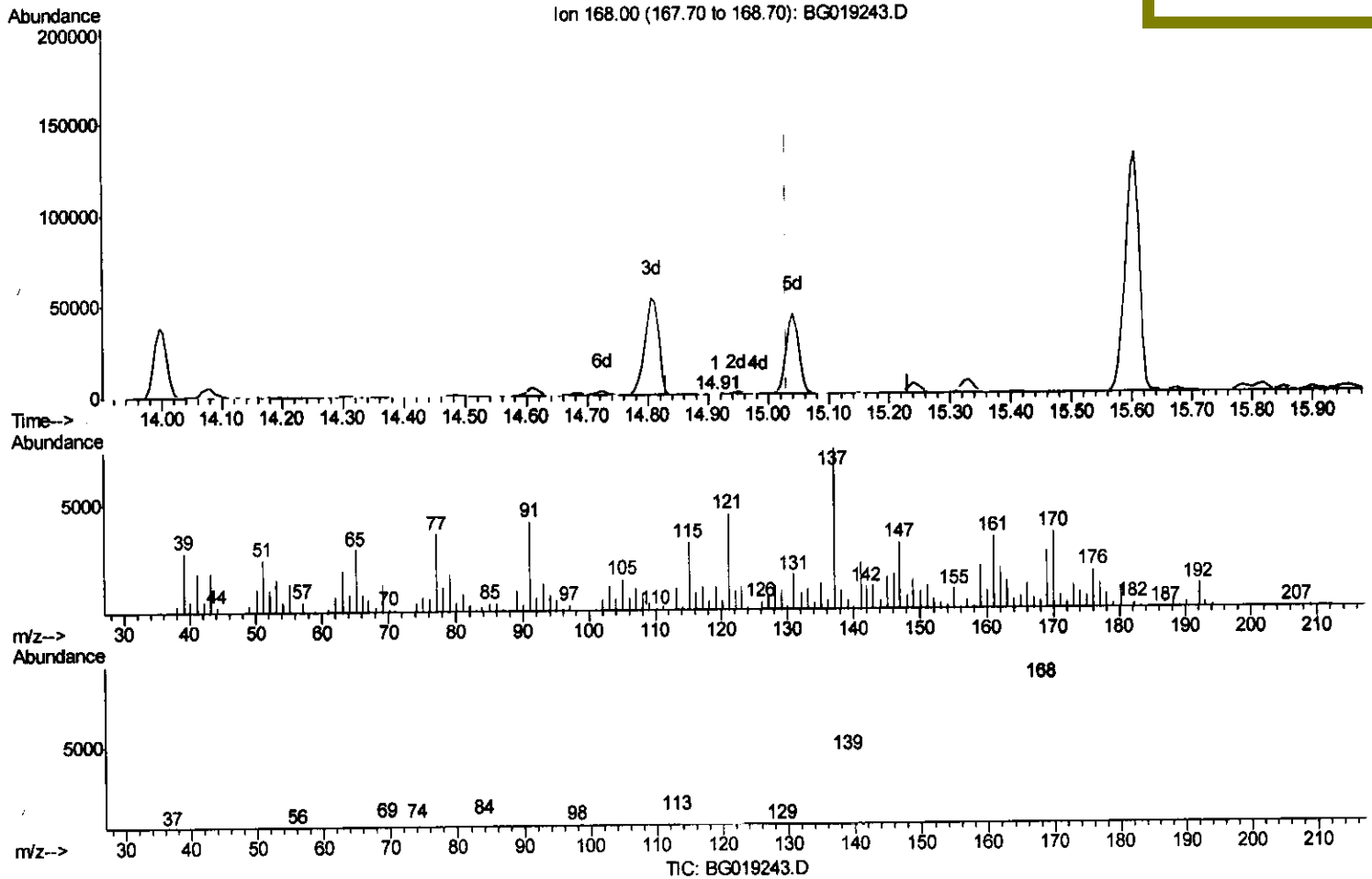
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(54) Dibenzofuran

14.912min (-0.119) 0.88ng/ul

response 221

Ion	Exp%	Act%
168.00	100	100
139.00	35.60	116.76#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

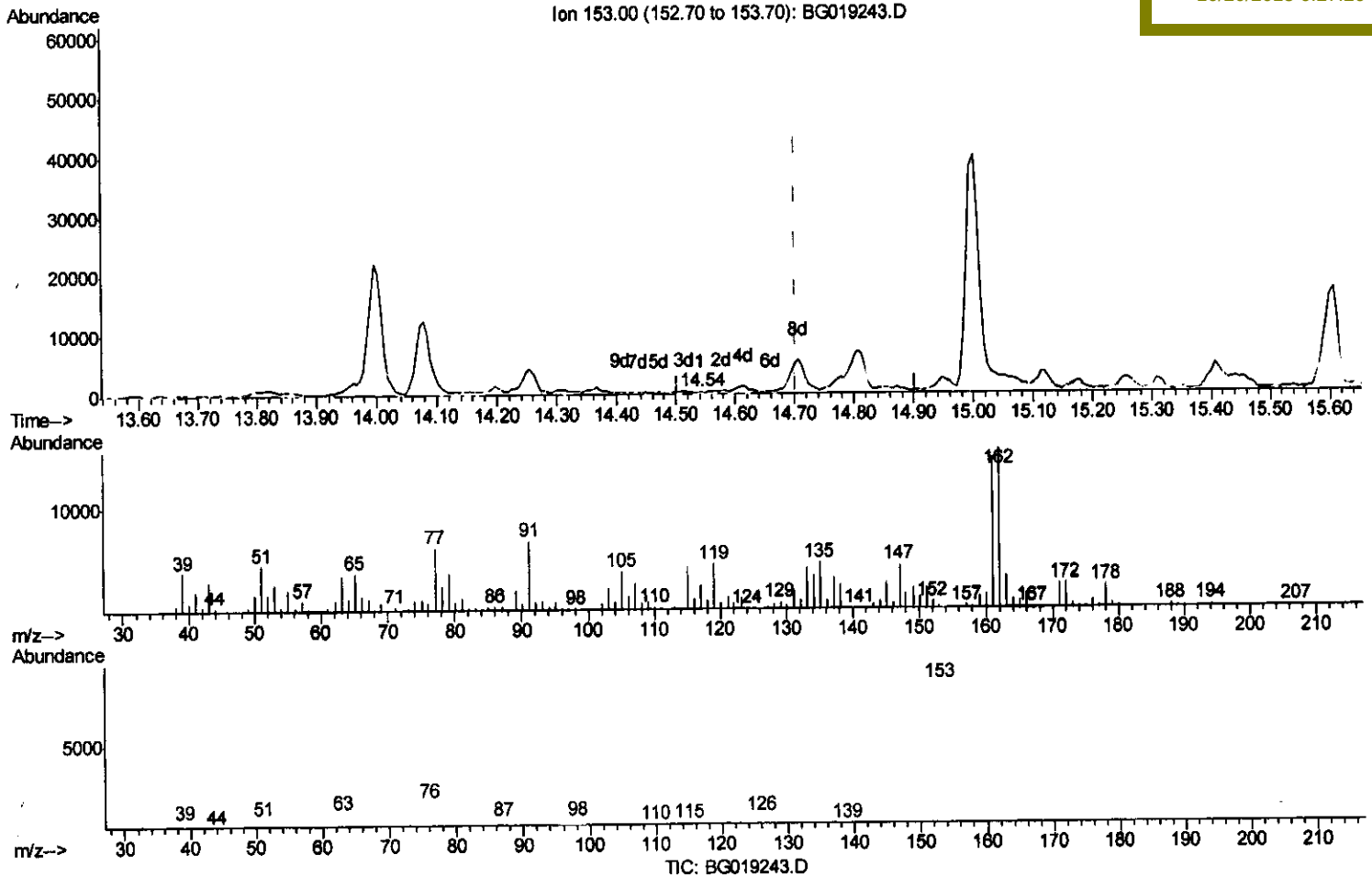
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(50) Acenaphthene (C)

14.542min (-0.160) 0.42ng/ul

response 75

Ion	Exp%	Act%
153.00	100	100
152.00	45.20	210.65#
154.00	84.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

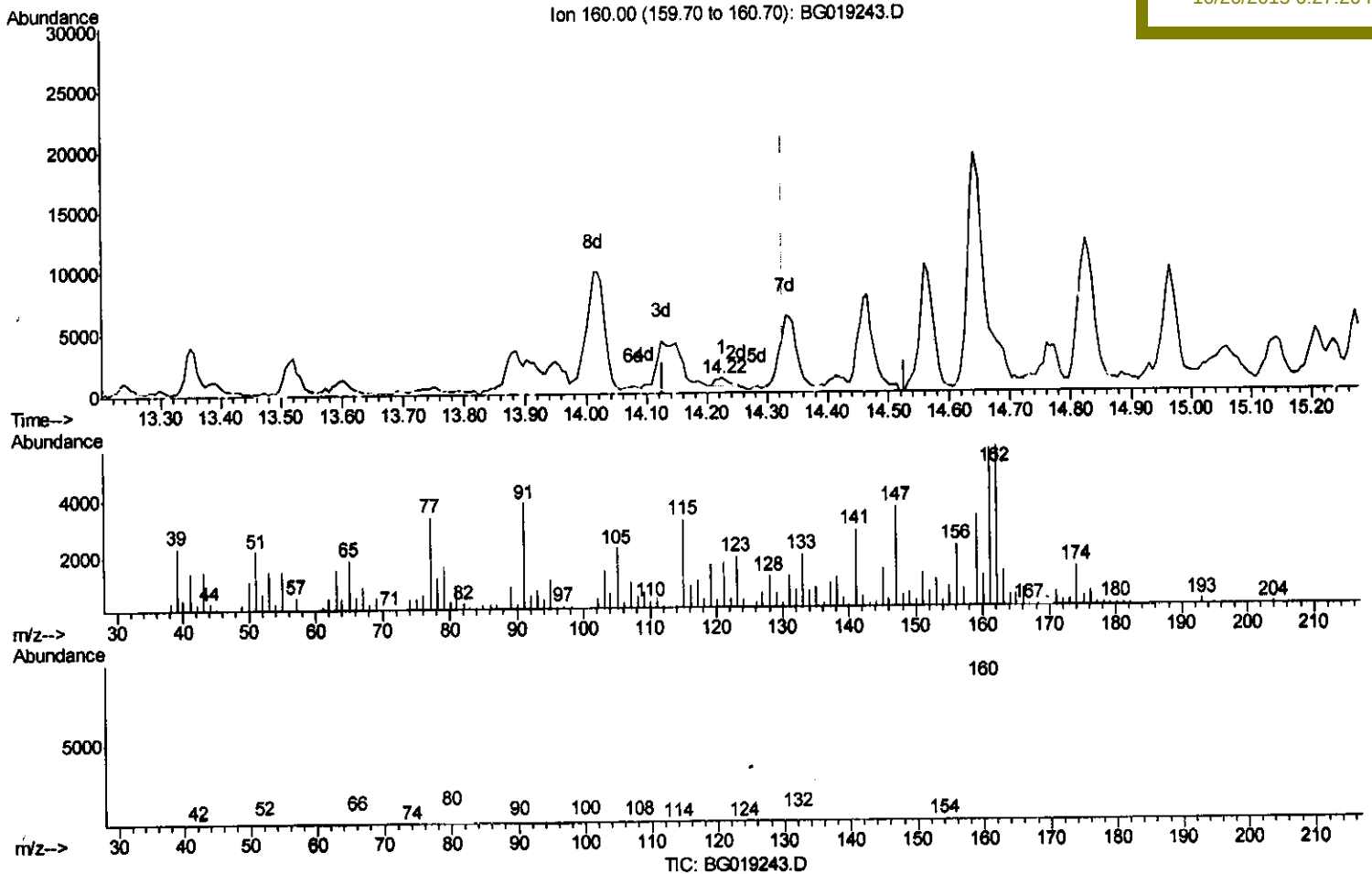
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X .
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(47) Acenaphthylene-d8 (S)

14.225min (-0.102) 3.64ng/ul

response 879

Ion	Exp%	Act%
160.00	100	100
80.00	11.60	33.64#
158.00	15.80	19.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

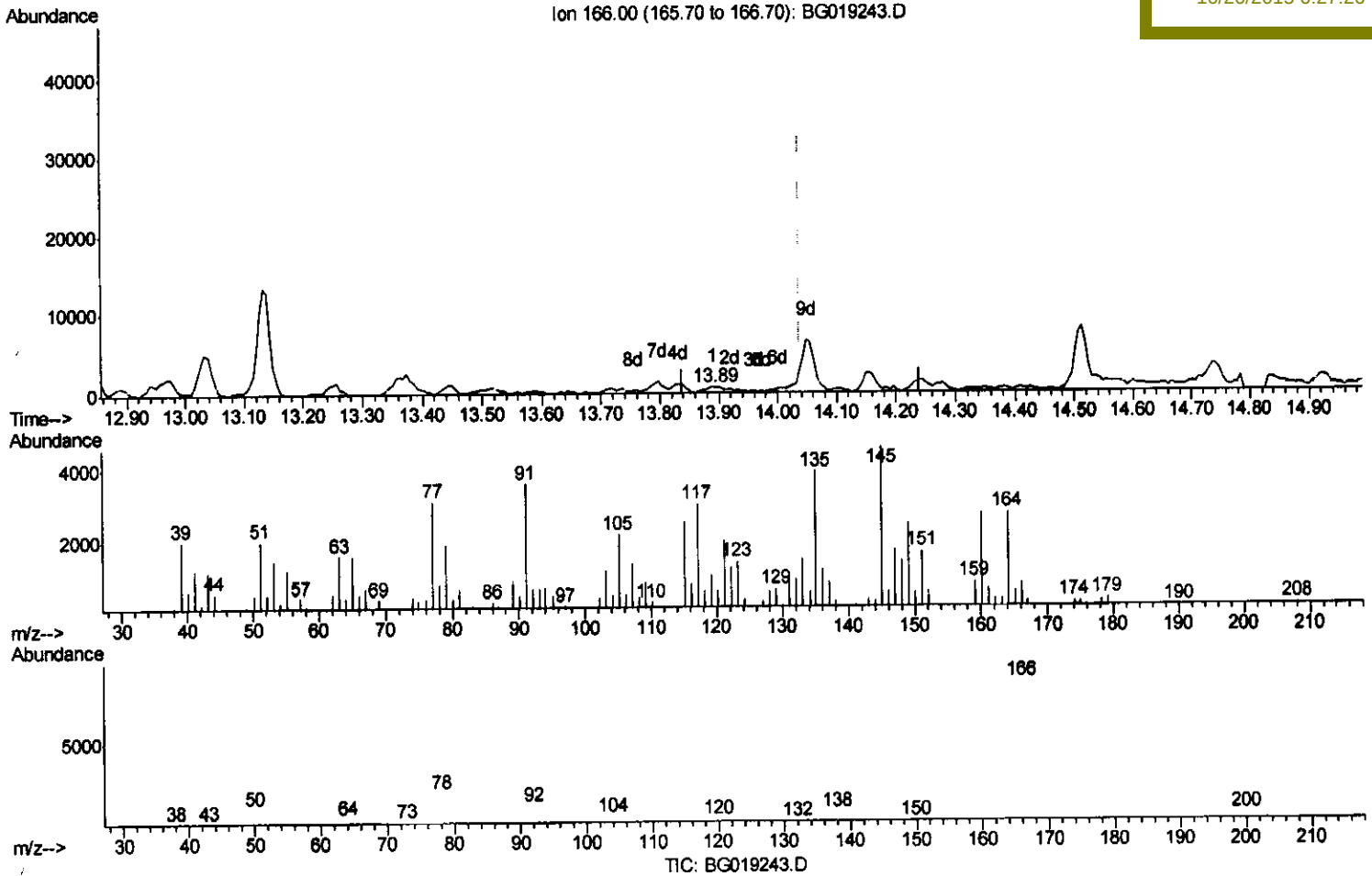
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(44) Dimethylphthalate-d6 (S)

13.890min (-0.149) 5.05ng/ul

response 1129

Ion	Exp%	Act%
166.00	100	100
78.00	16.00	100.13#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

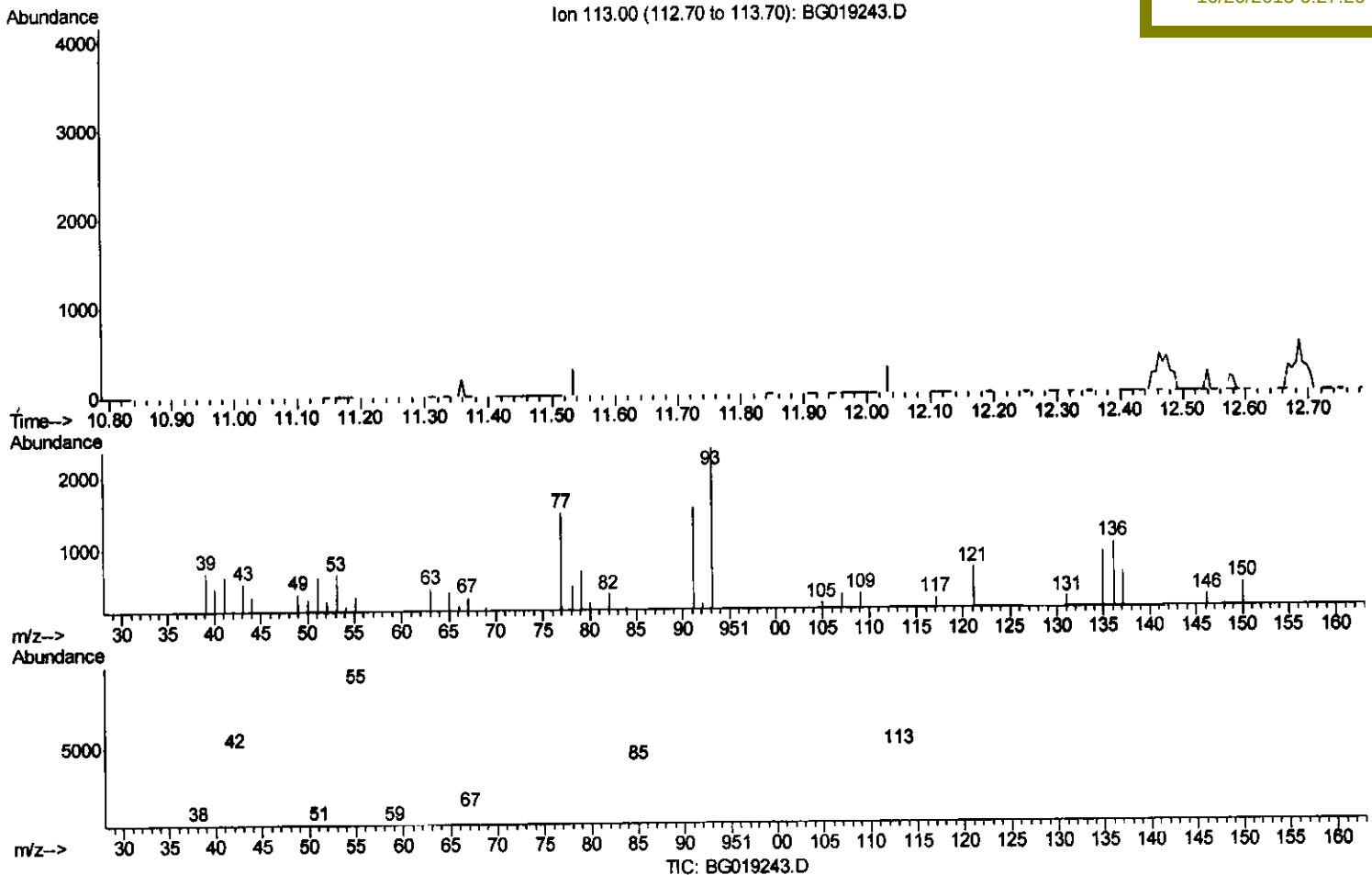
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(32) Caprolactam

11.735min (-11.735) 0.00ng/ul

response 0

Ion	Exp%	Act%
113.00	100	0.00
55.00	211.60	0.00#
56.00	157.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

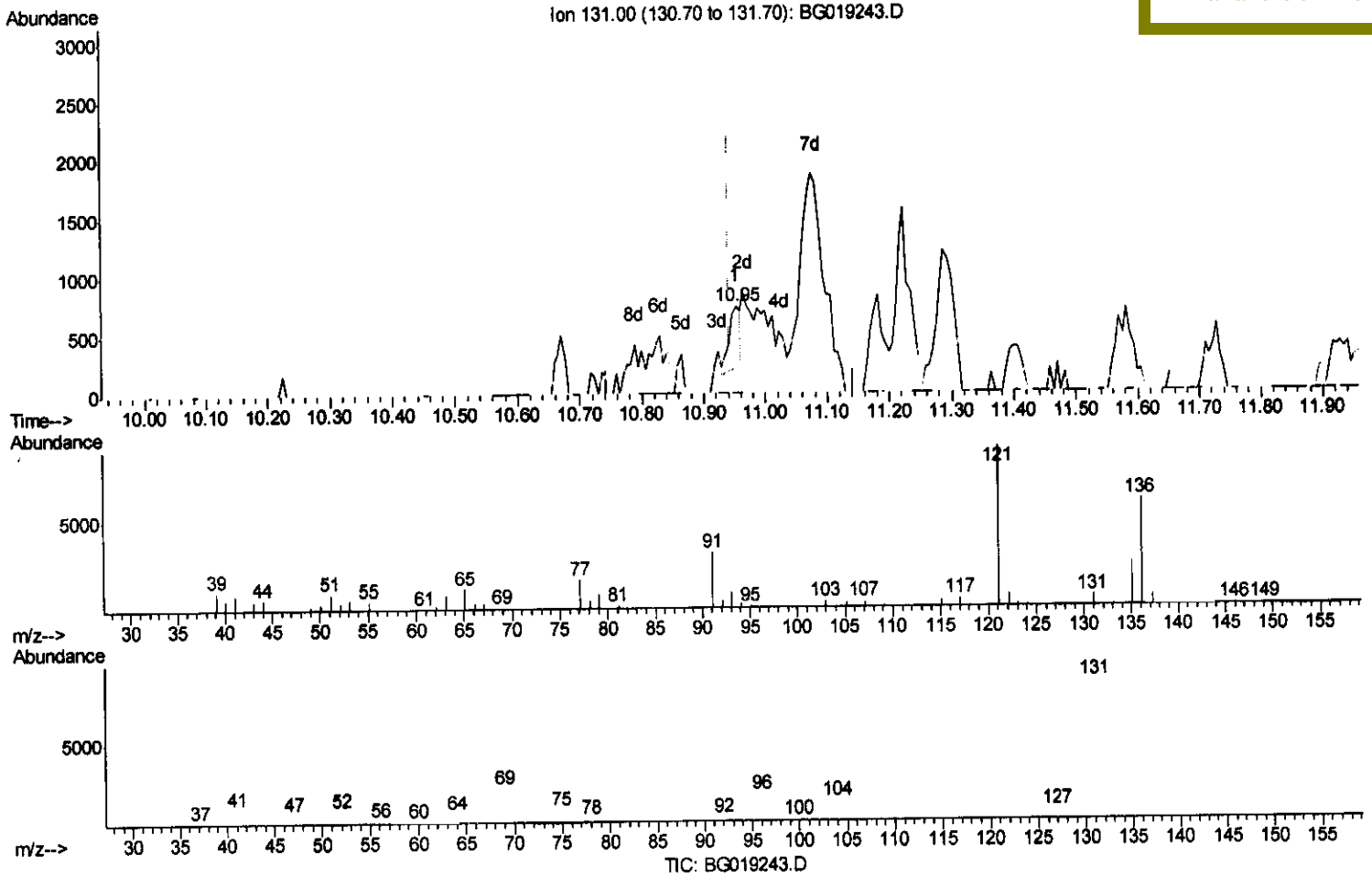
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.952min (+0.010) 0.41ng/ul

response 673

Ion	Exp%	Act%
131.00	100	100
133.00	31.50	27.93
69.00	17.00	30.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

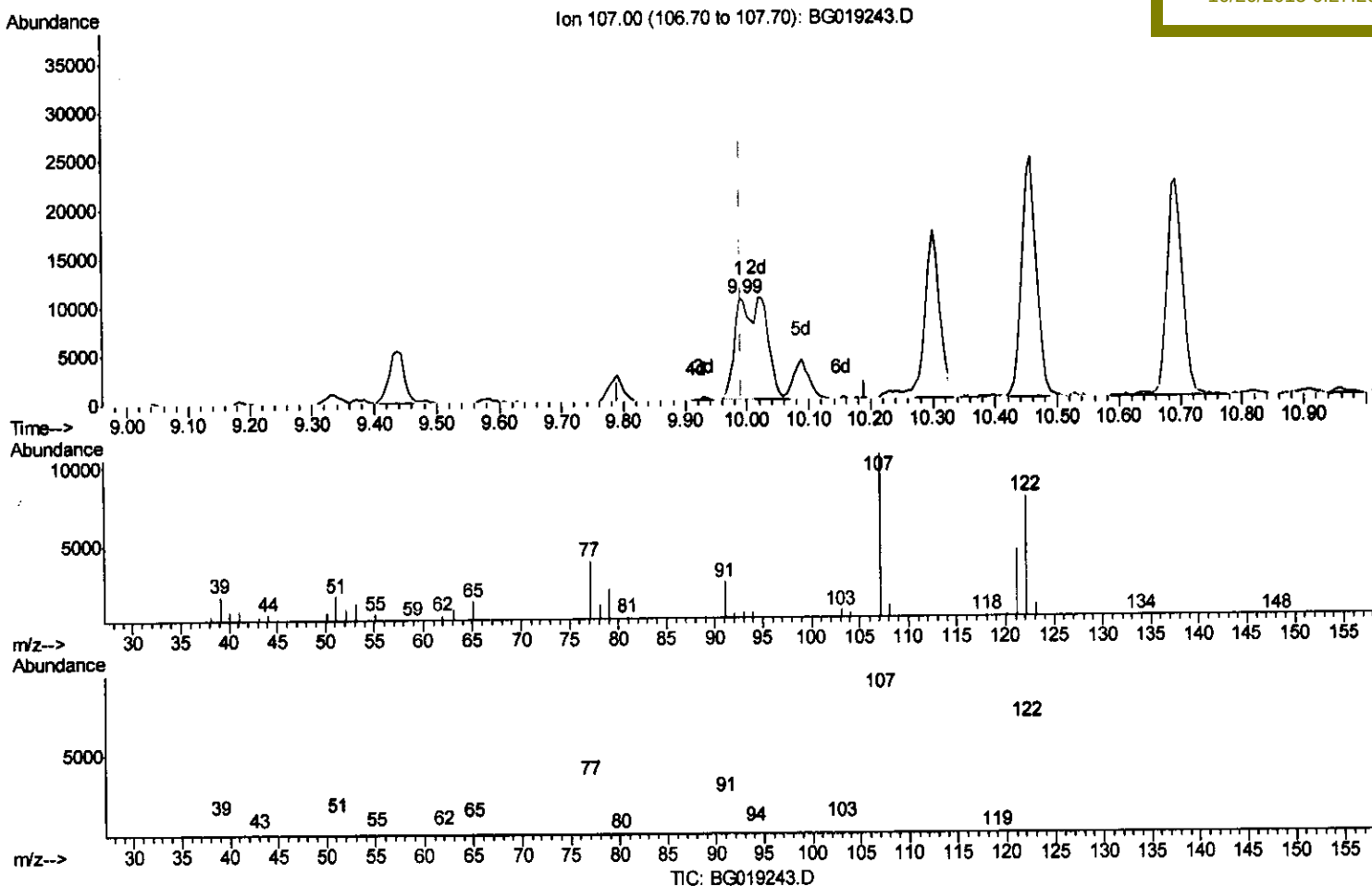
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 18:37:26 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 06:03:40 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

9.989min (-0.002) 12.84ng/ul

response 21220

Ion	Exp%	Act%
107.00	100	100
121.00	46.50	41.88
122.00	84.50	73.83
0.00	0.00	0.00

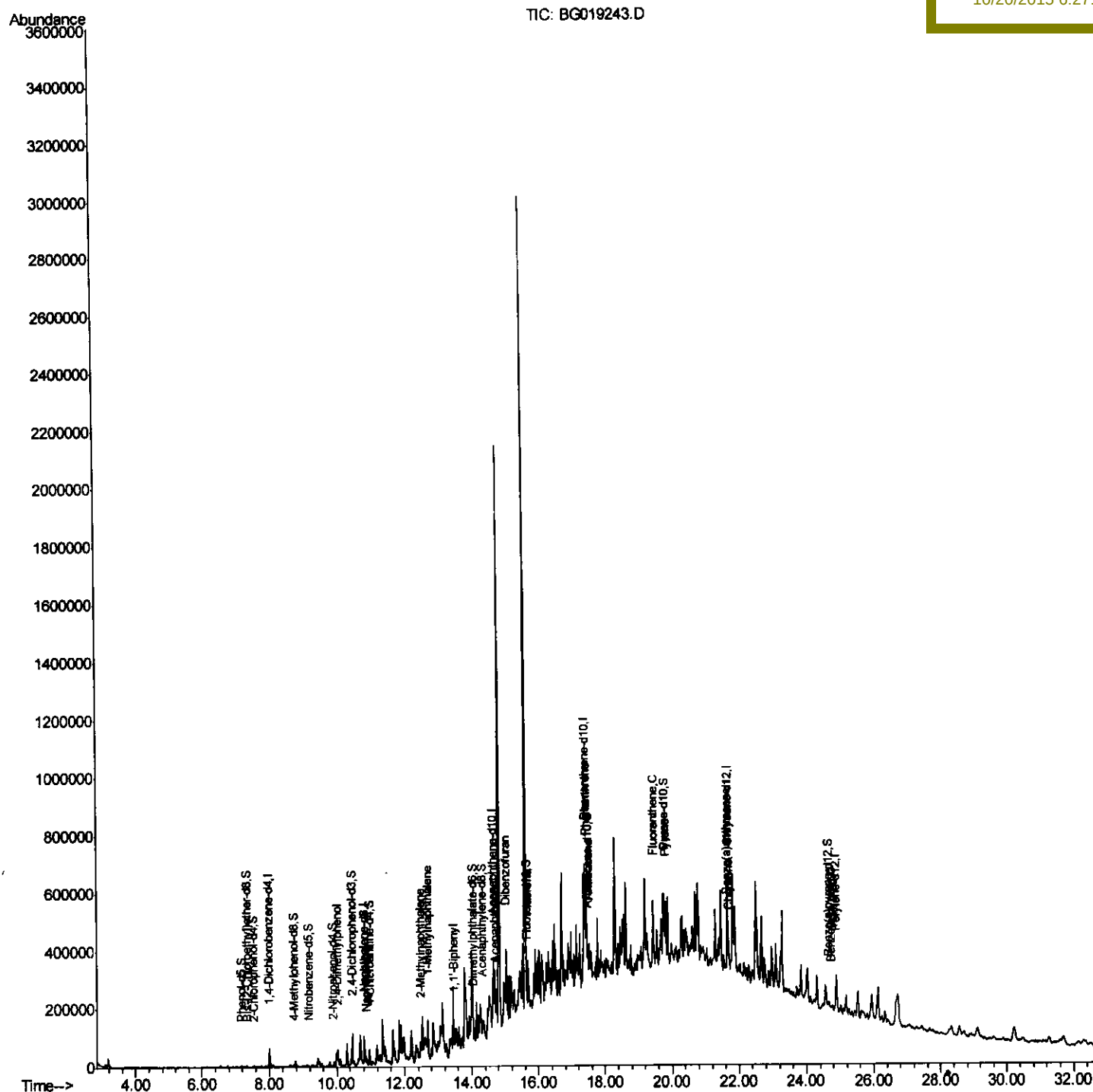
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
Data File : BG019243.D
Acq On : 19 Oct 2015 16:13
Operator : UM/NP
Sample : G3996-14DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESLK1DL

Quant Time: Oct 20 05:38:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 04:07:05 2015
Response via : Initial Calibration

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	17030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	78540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	55024m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	116945m	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	135105m	20.00	ng/ul	0.01
86) Perylene-d12	24.88	264	131411m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.18	99	2319	1.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	1632	1.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	2095	1.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	2247	1.78	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	982	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	1174	1.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	2293	1.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	4030m	2.46	ng/ul	0.02
44) Dimethylphthalate-d6	14.05	166	11370m	2.36	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	13378m	2.57	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.64	176	32325m	7.86	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.61	200	318	0.44	ng/ul	-0.15
71) Anthracene-d10	17.49	188	12925m	2.34	ng/ul	0.00
79) Pyrene-d10	19.78	212	9931m	1.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	16655m	2.51	ng/ul	0.01

Target Compounds

				Ovalue	
24) 2,4-Dimethylphenol	10.02	107	36239m	21.92	ng/ul
28) Naphthalene	10.86	128	18417	4.49	ng/ul
34) 2-Methylnaphthalene	12.47	142	23062	7.09	ng/ul
35) 1-Methylnaphthalene	12.69	142	21108	6.62	ng/ul#
41) 1,1'-Biphenyl	13.47	154	14178	3.30	ng/ul
50) Acenaphthene	14.71	153	10646m	2.77	ng/ul
54) Dibenzofuran	15.04	168	66127m	12.18	ng/ul
59) Fluorene	15.69	166	50298m	10.82	ng/ul
70) Phenanthrene	17.44	178	227900m	34.90	ng/ul
72) Anthracene	17.53	178	46957m	7.08	ng/ul
77) Fluoranthene	19.45	202	88491m	10.83	ng/ul
80) Pyrene	19.81	202	95676m	11.93	ng/ul
83) Benzo(a)anthracene	21.64	228	22703m	2.98	ng/ul
85) Chrysene	21.71	228	27682m	3.84	ng/ul
91) Benzo(a)pyrene	24.72	252	8760m	1.22	ng/ul

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

Quantitation Report (Qedit)

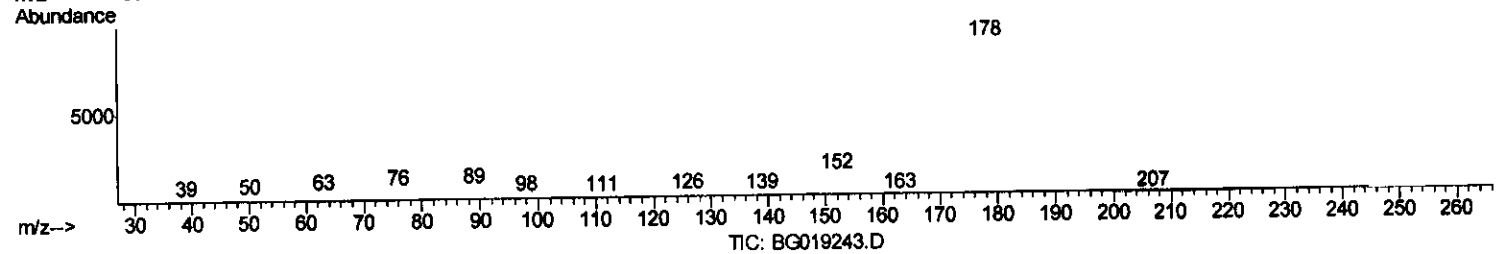
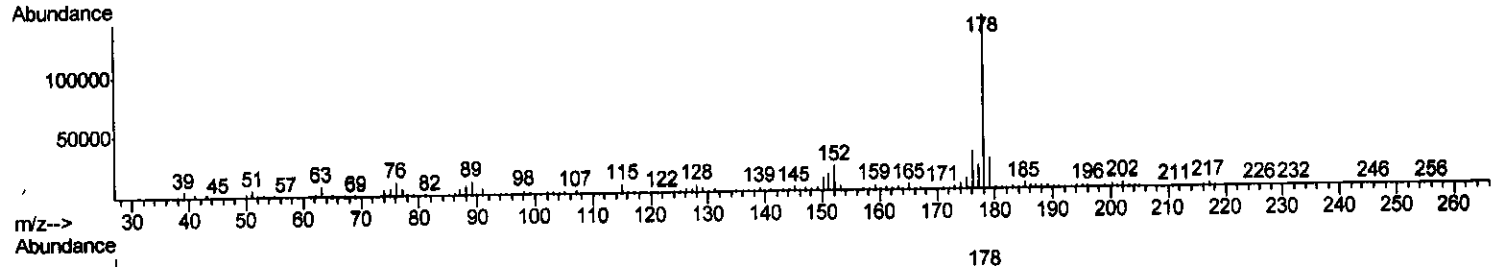
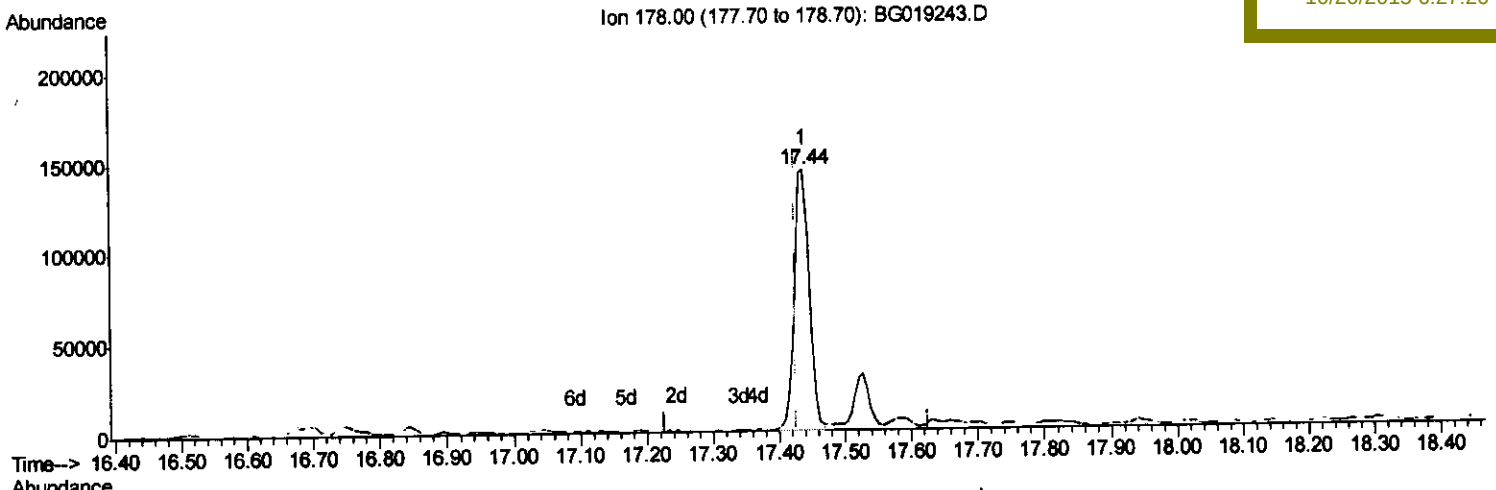
Data Path : Z:\HPCHEM1\BNA G\Data\BG101915\
 Data File : BG019243.D
 Acq On : 19 Oct 2015 16:13
 Operator : UM/NP
 Sample : G3996-14DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK1DL

Quant Time: Oct 20 05:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 20 04:07:05 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 10/20/2015 6:27:26 PM



(70) Phenanthrene

17.439min (+0.012) 34.90ng/ul m

response 227900

Ion	Exp%	Act%
178.00	100	100
179.00	15.60	17.66
176.00	19.20	21.80
0.00	0.00	0.00

Qum
10/120/15