

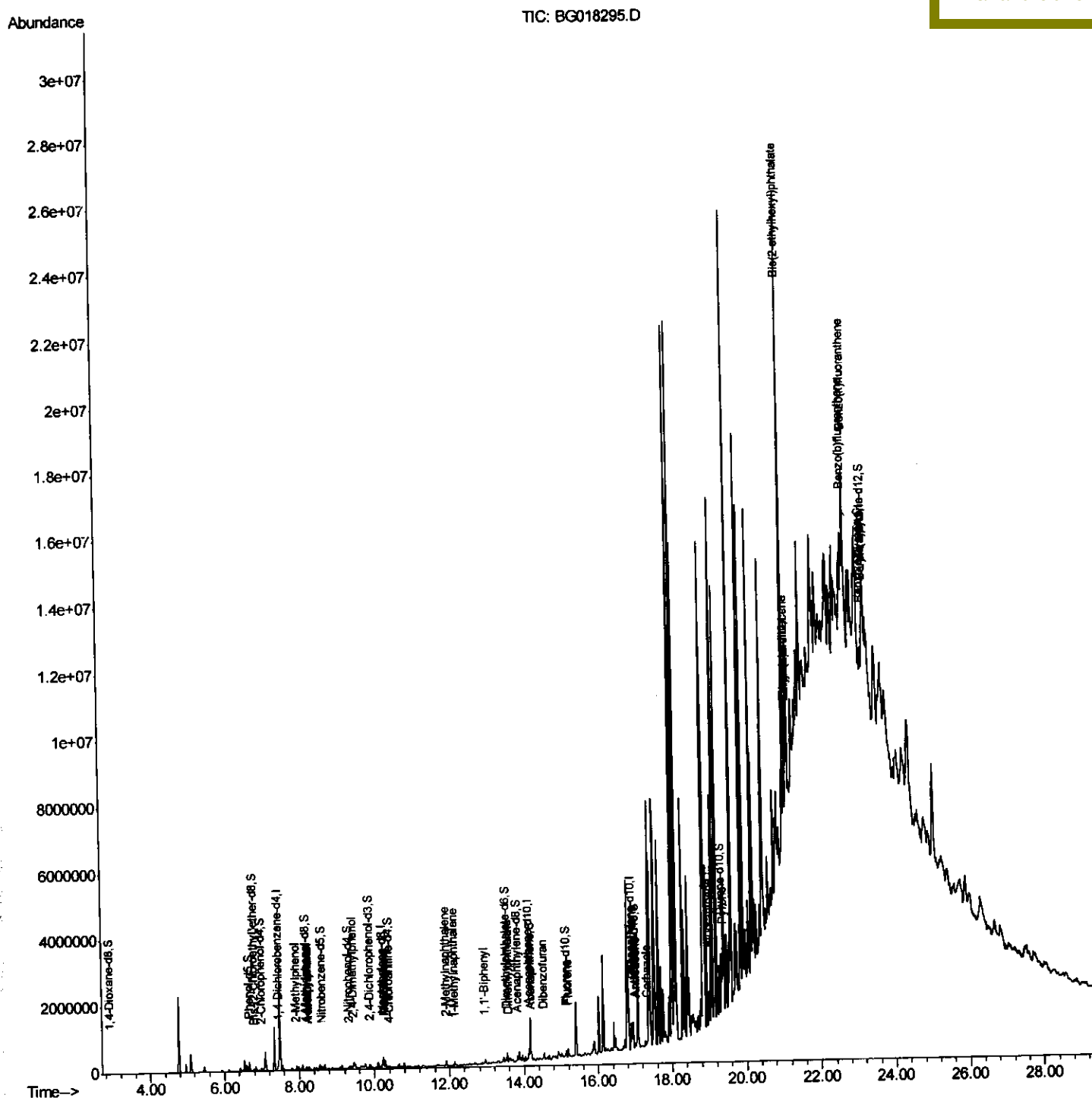
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:51:13 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

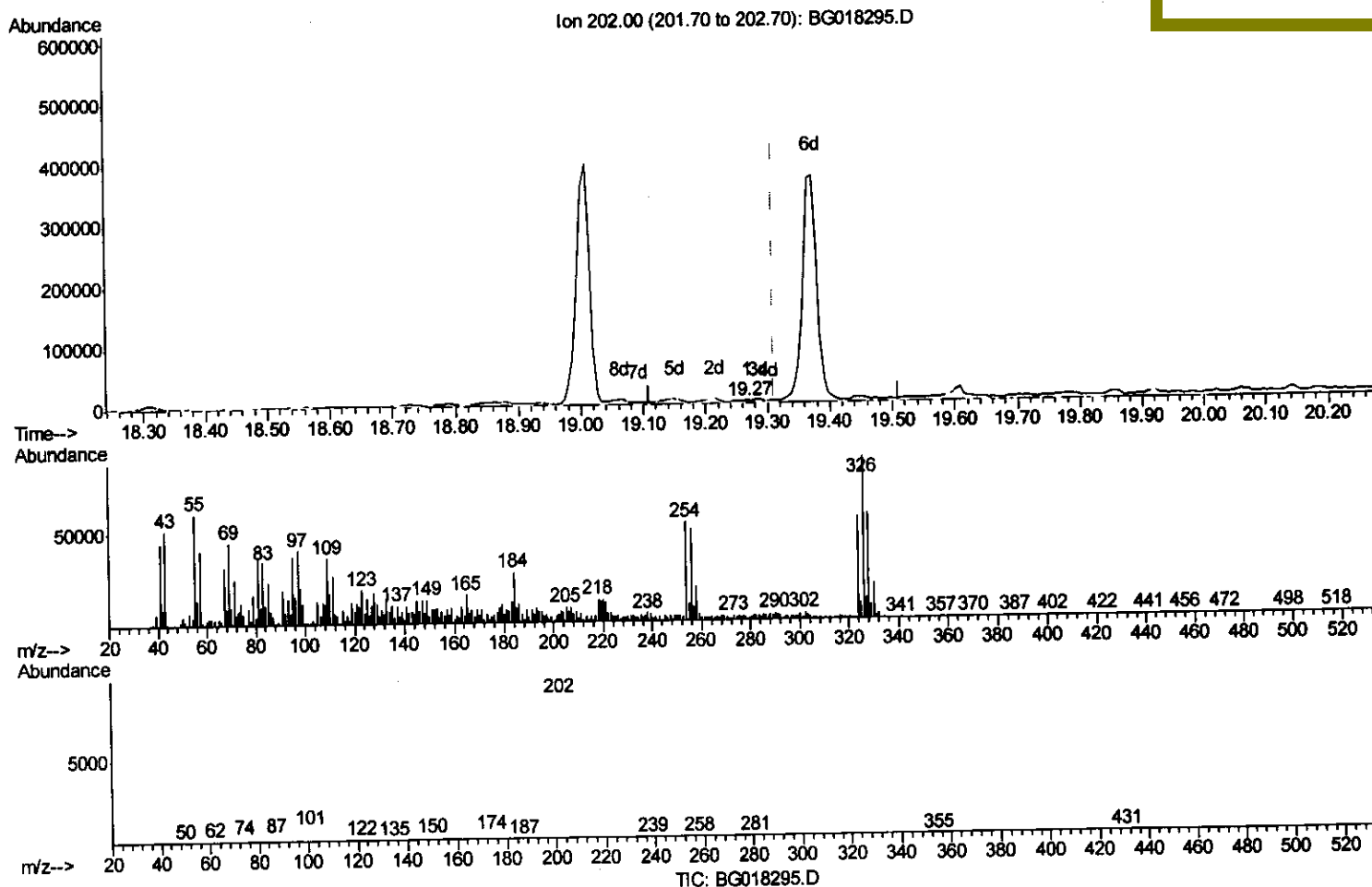
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

19.267min (-0.043) 0.08ng/ul

response 2180

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	27.36#
100.00	5.80	33.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

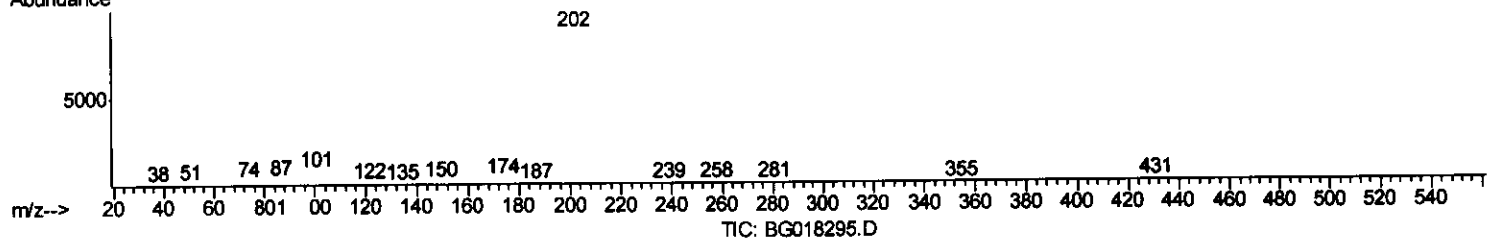
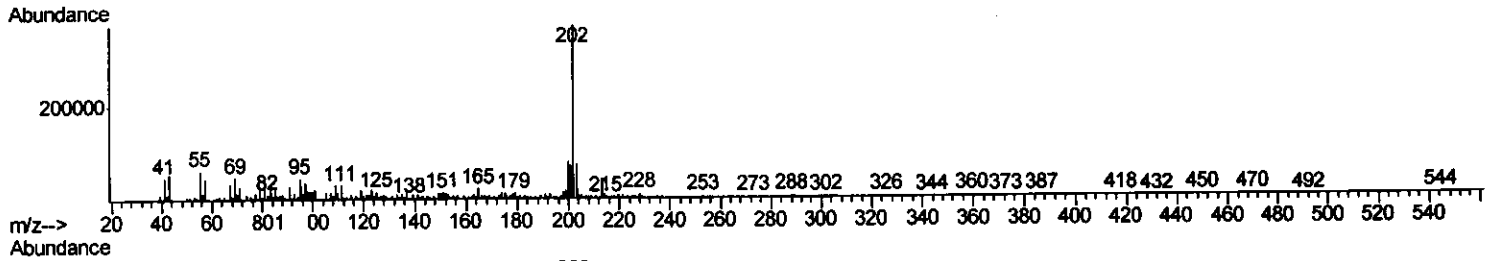
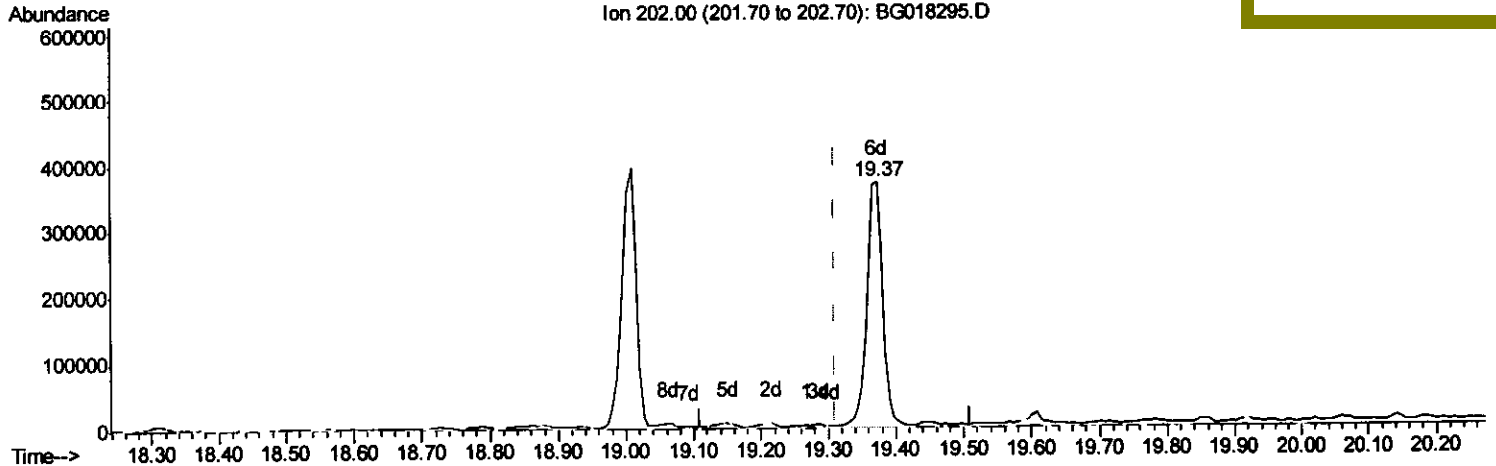
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(80) Pyrene

19.373min (+0.063) 23.62ng/ul m

response 607355

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	5.47#
100.00	5.80	5.09
0.00	0.00	0.00

T.P
8/8/15

Quantitation Report (Qedit)

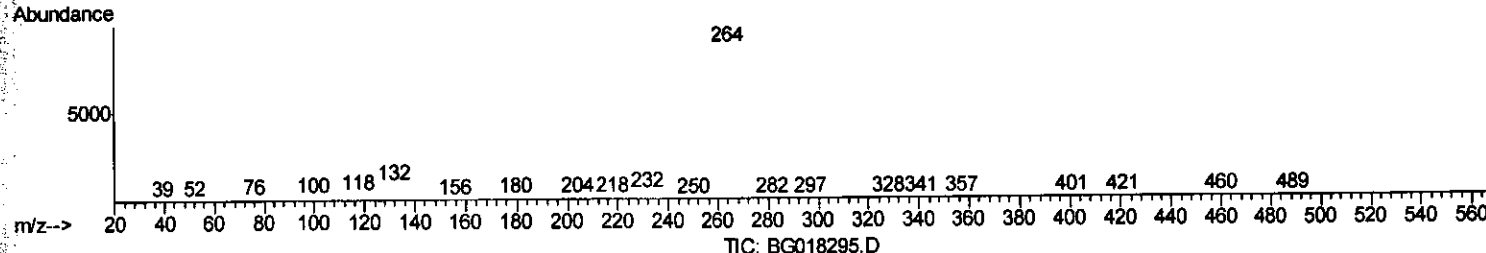
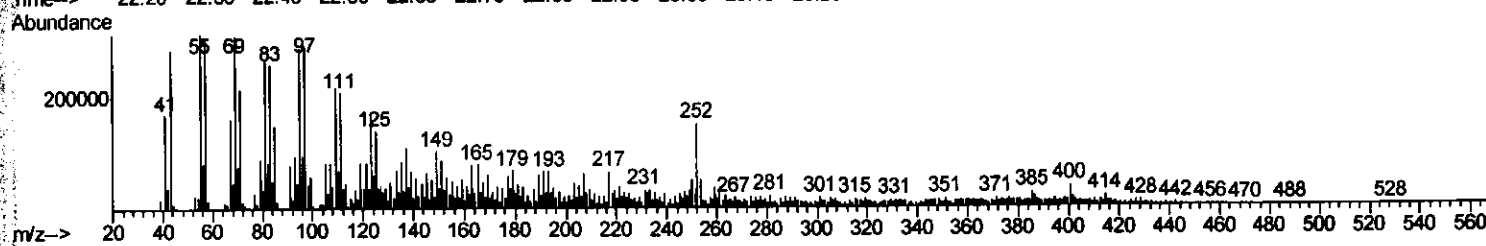
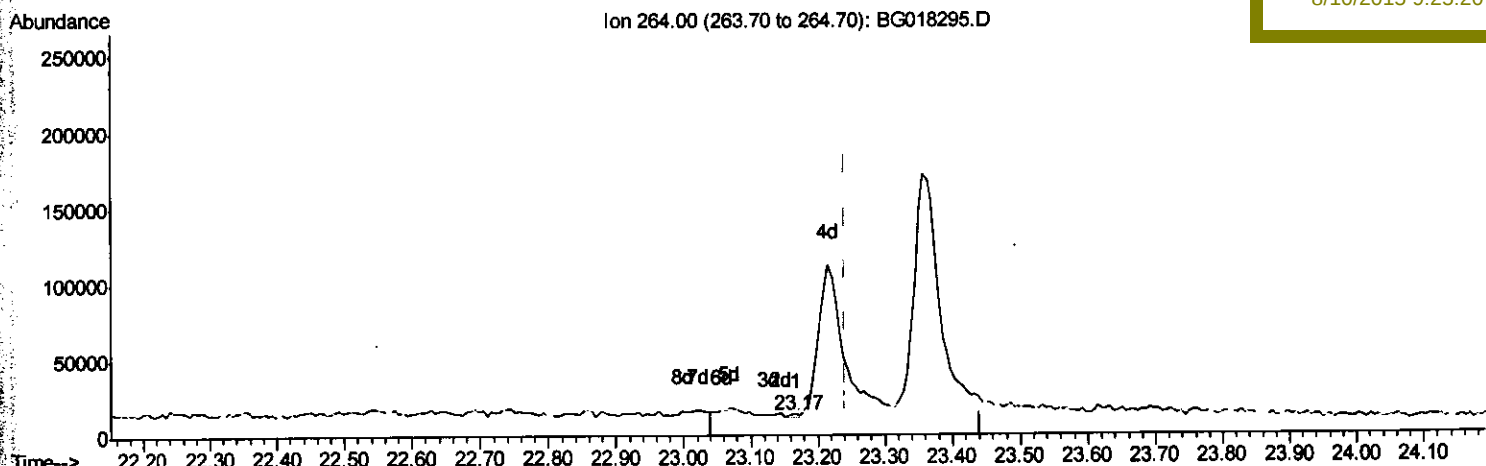
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
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(86) Perylene-d12 (I)

23.168min (-0.072) 20.00ng/ul

response 2844

Ion	Exp%	Act%
264.00	100	100
260.00	22.80	126.41#
265.00	22.60	111.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

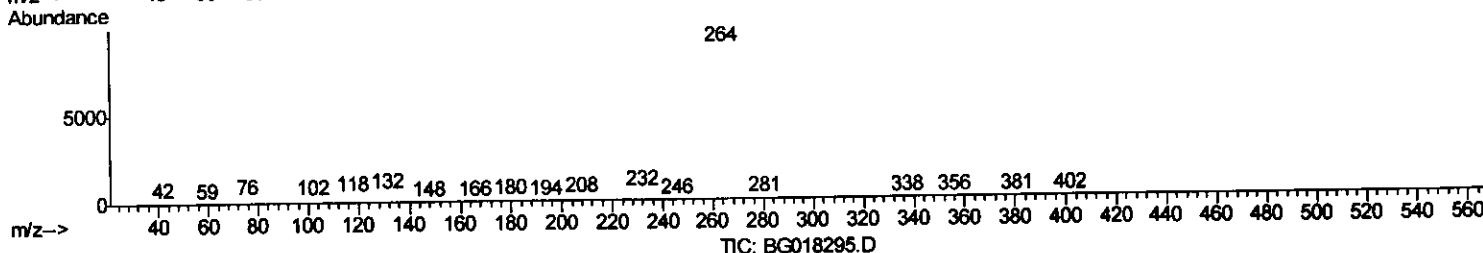
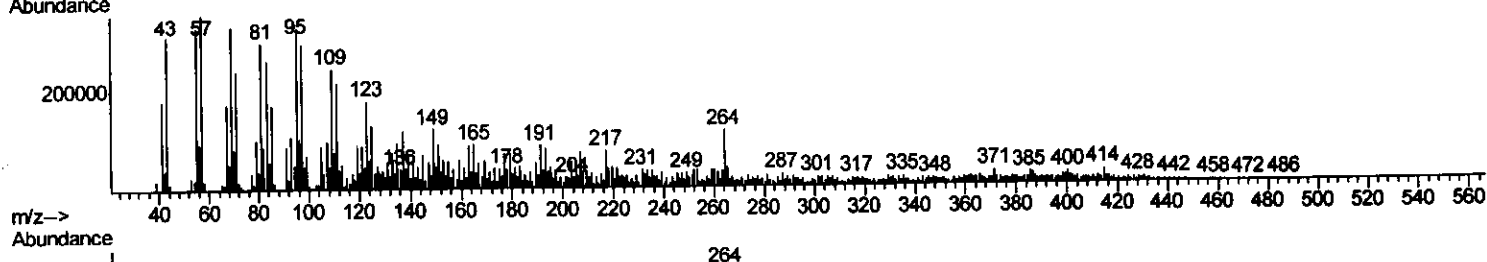
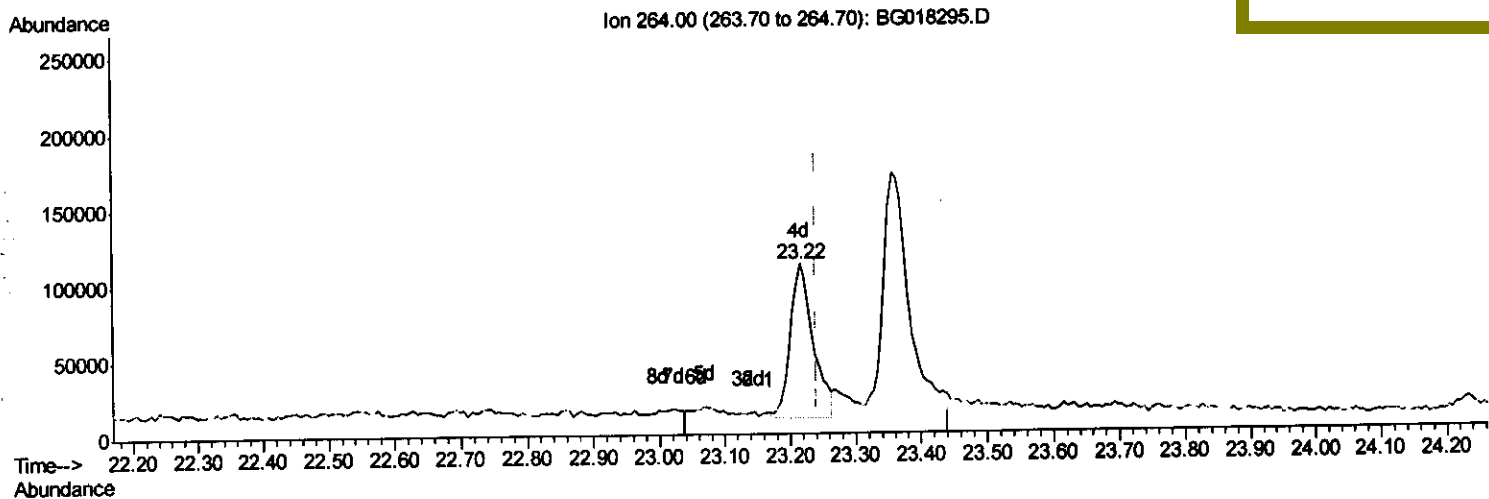
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:51:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(86) Perylene-d12 (I)

23.215min (-0.025) 20.00ng/ul m

response 250519

Ion Exp% Act%

264.00	100	100
260.00	22.80	30.69#
265.00	22.60	34.30#
0.00	0.00	0.00

T. P
 8/8/15

Quantitation Report (Qedit)

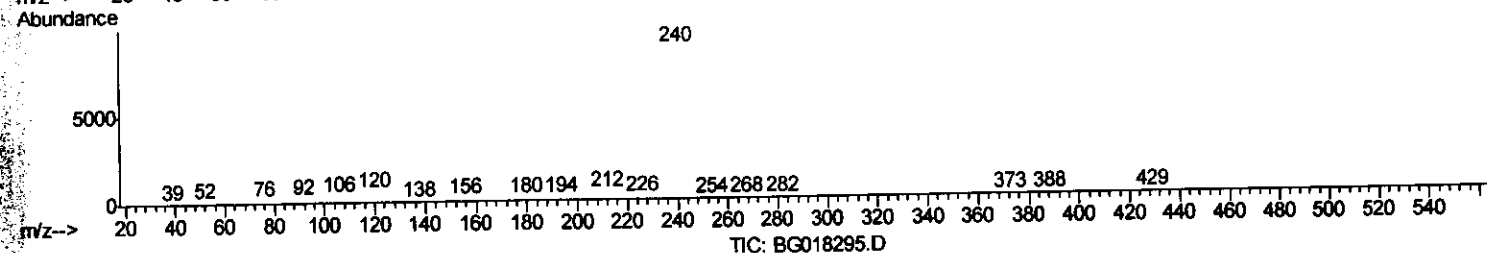
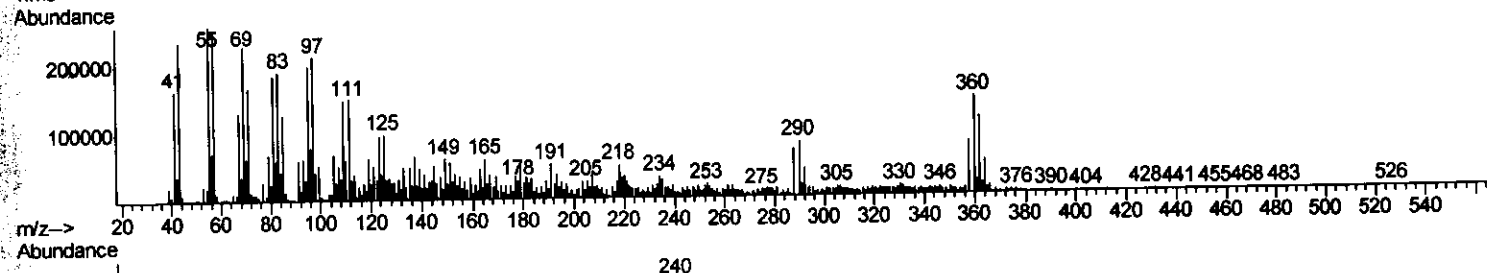
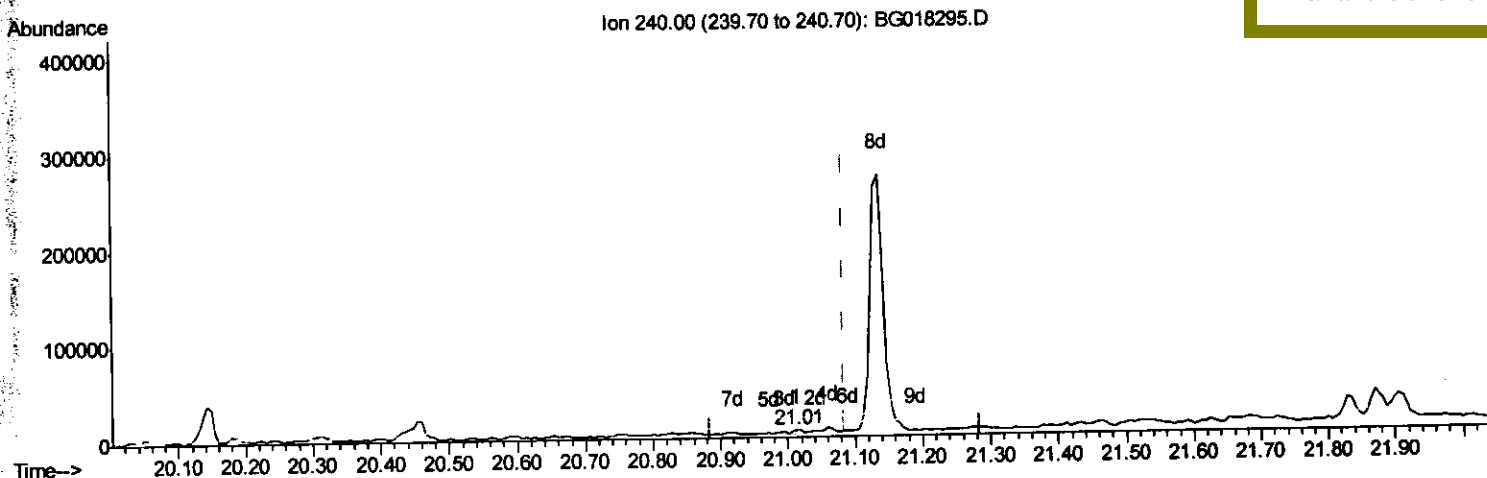
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(78) Chrysene-d12 (I)

21.012min (-0.072) 20.00ng/ul

response 4239

Ion	Exp%	Act%
240.00	100	100
120.00	4.80	339.23#
236.00	22.90	182.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

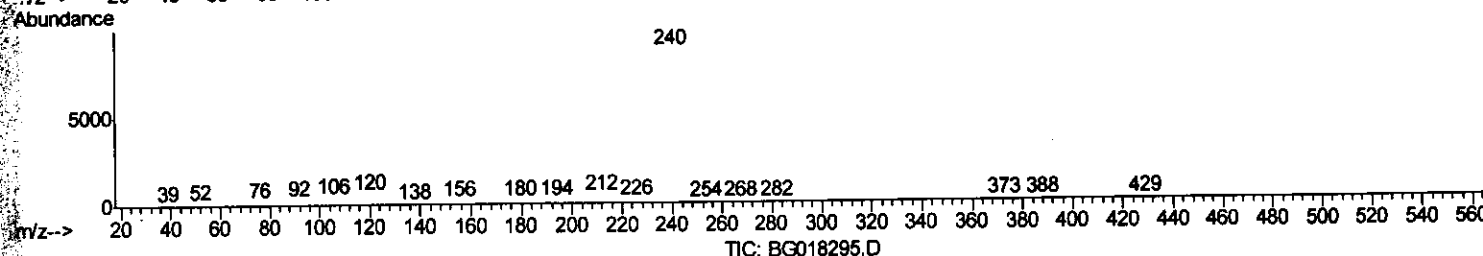
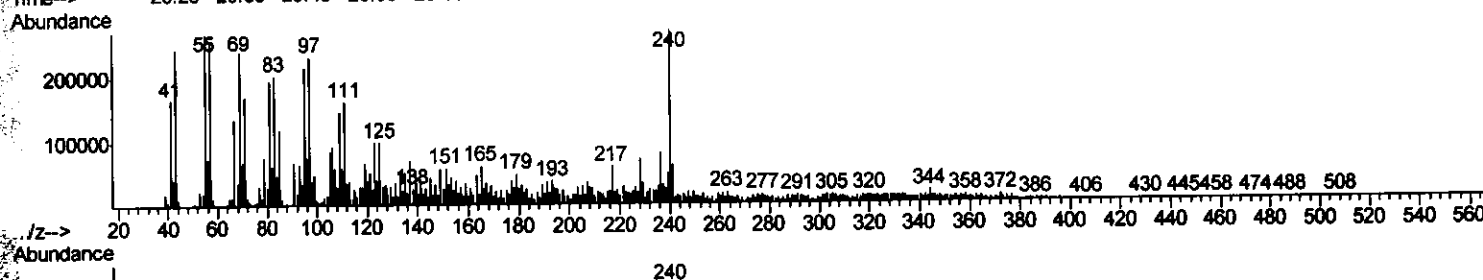
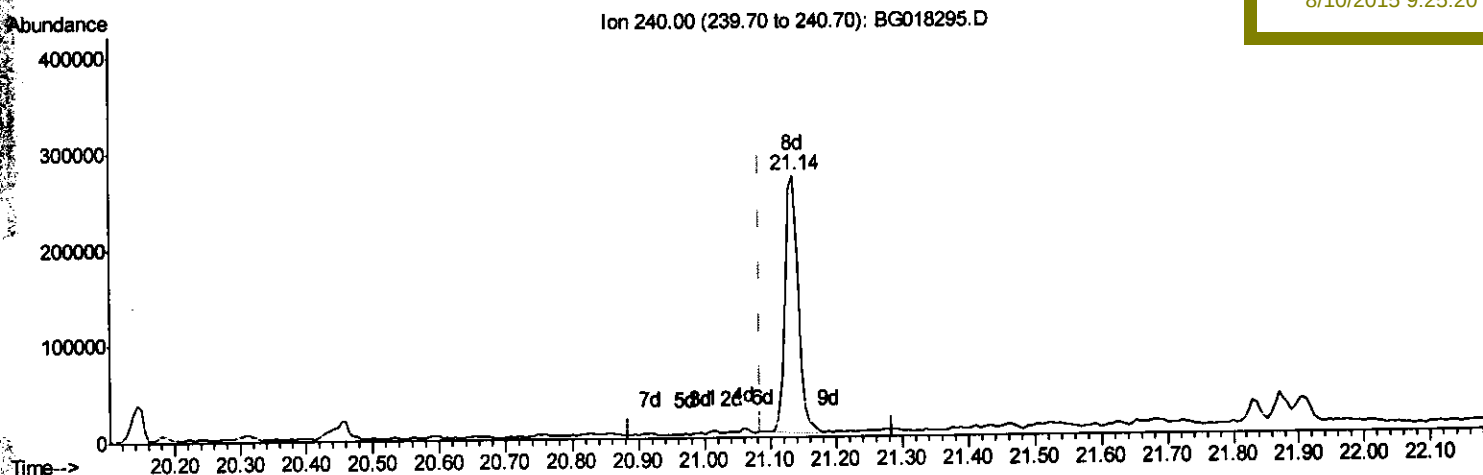
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(78) Chrysene-d12 (I)

21.135min (+0.051) 20.00ng/ul m

response 369759

Ion	Exp%	Act%
240.00	100	100
120.00	4.80	14.07#
236.00	22.90	29.26#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

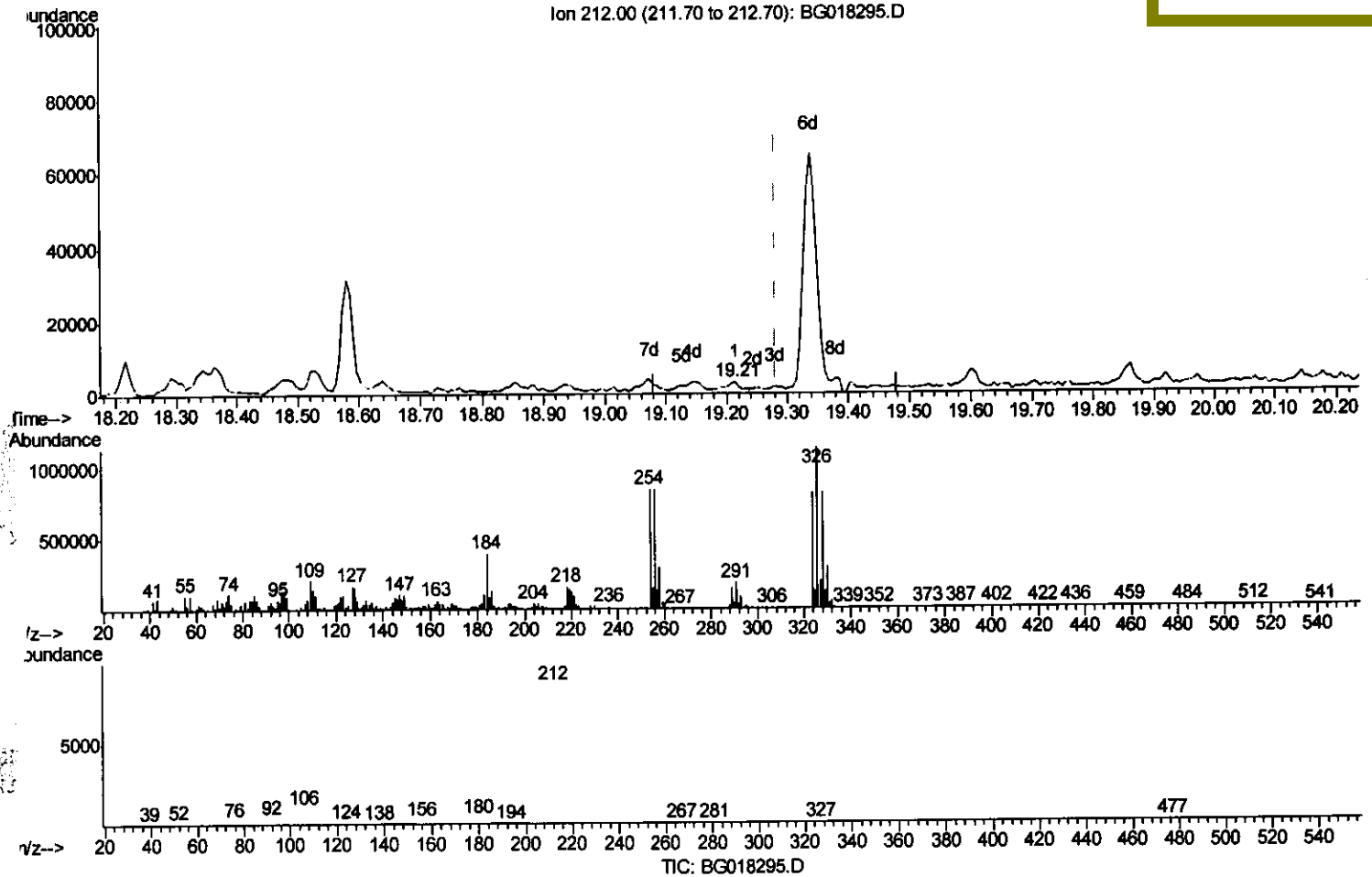
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(79) Pyrene-d10 (S)

19.214min (-0.066) 0.26ng/ui

response 5333

Ion	Exp%	Act%
212.00	100	100
106.00	9.40	325.78#
104.00	6.70	109.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

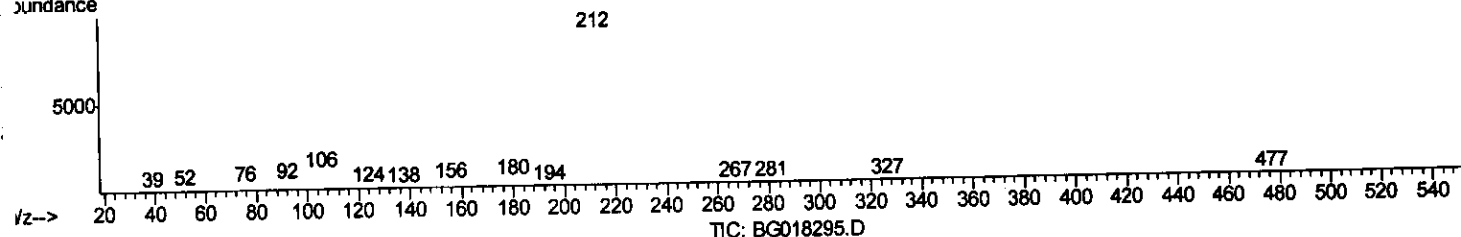
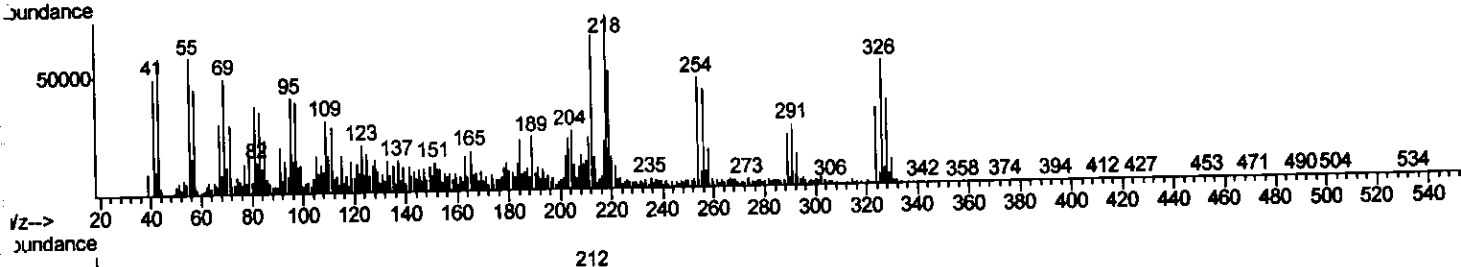
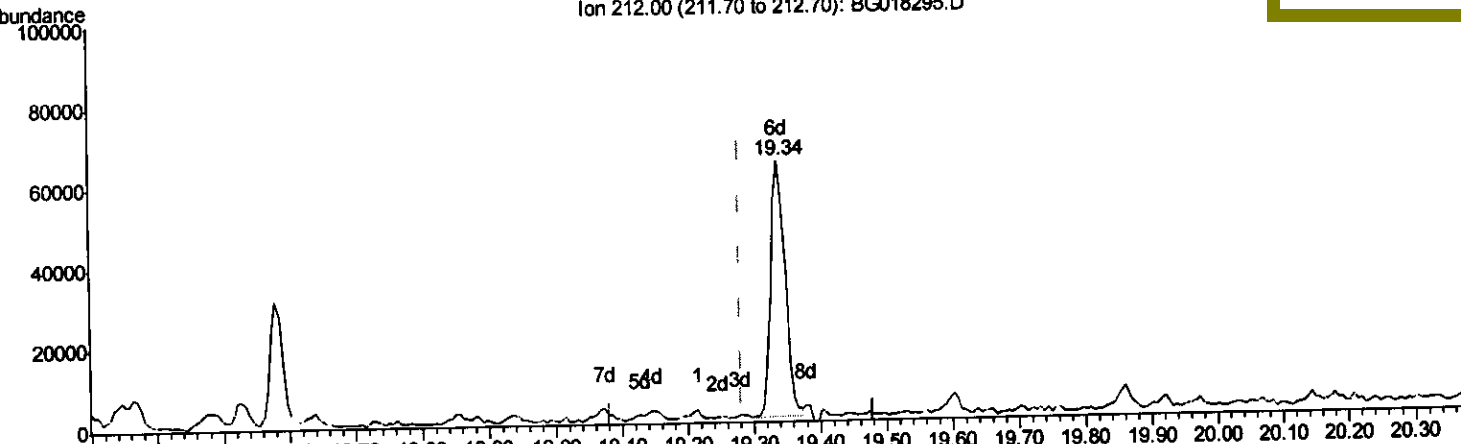
Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Manual Integration
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Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Ion 212.00 (211.70 to 212.70): BG018295.D



(79) Pyrene-d10 (S)

19.338min (+0.057) 4.68ng/ul m

response 96801

T.P
 8/8/15

Ion	Exp%	Act%
212.00	100	100
106.00	9.40	12.51#
104.00	6.70	9.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

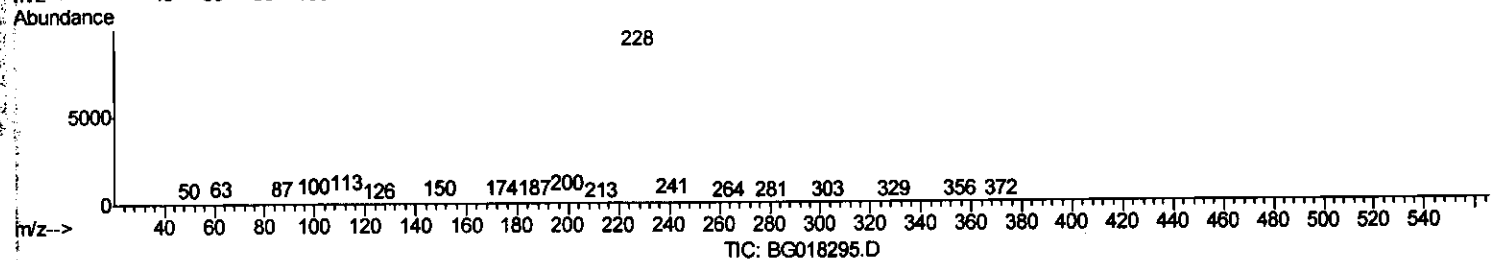
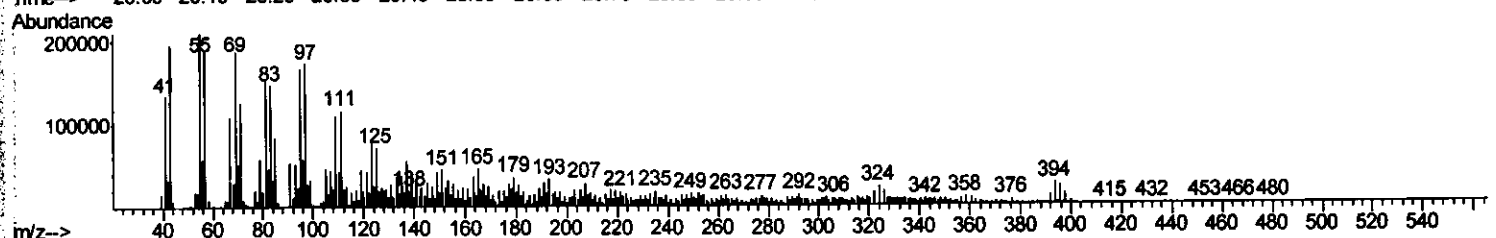
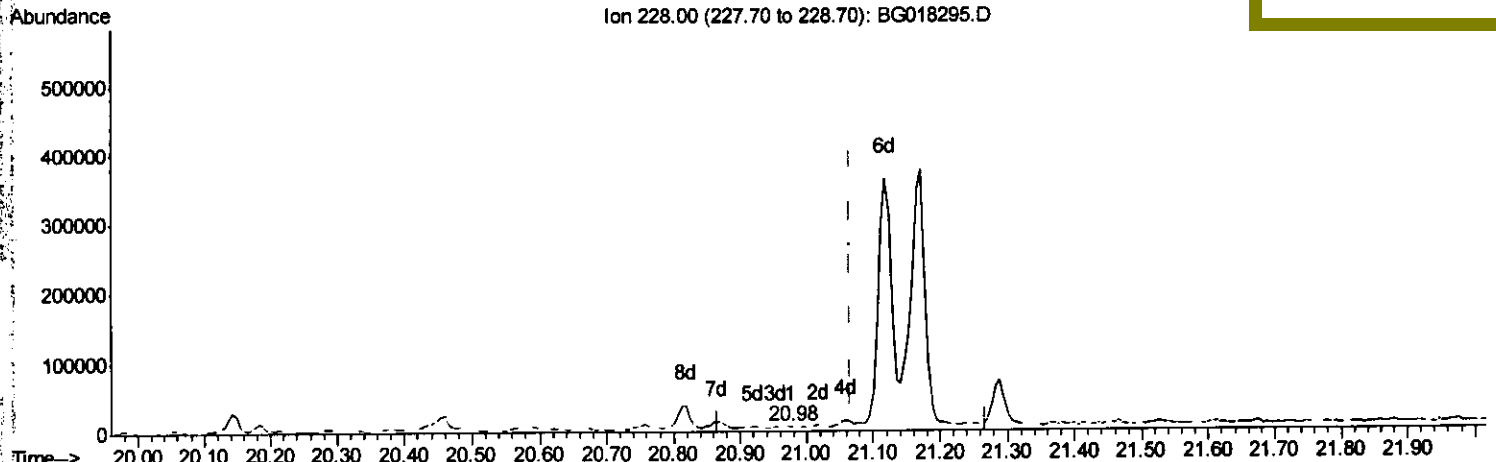
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(83) Benzo(a)anthracene

20.977min (-0.090) 0.09ng/ul

response 1672

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	156.87#
226.00	26.50	77.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

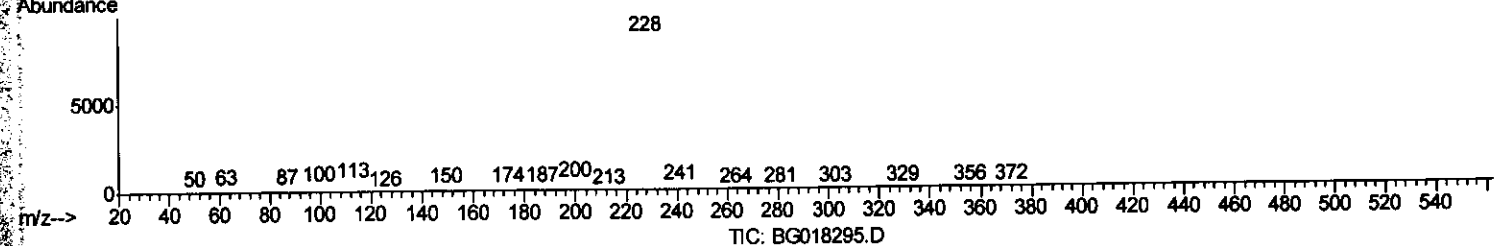
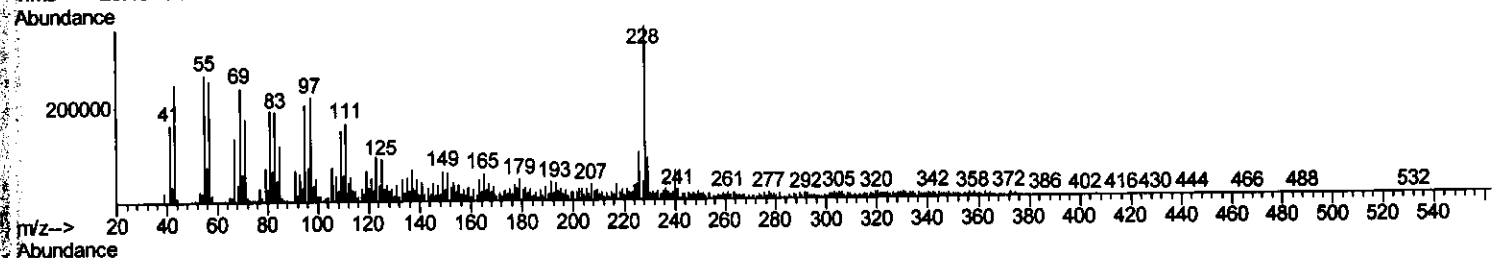
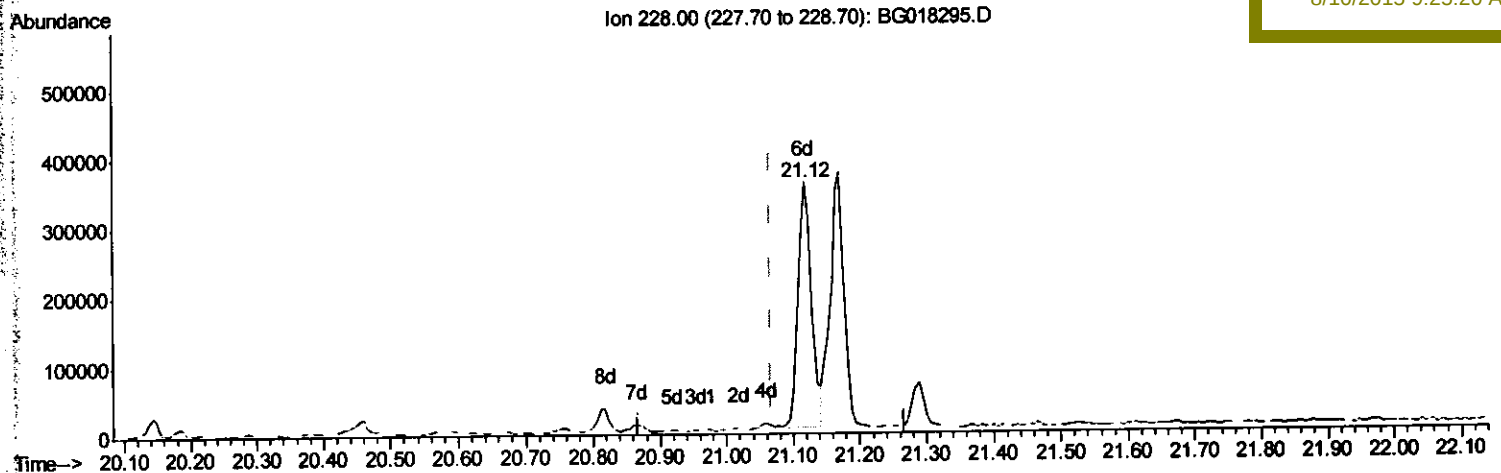
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(83) Benzo(a)anthracene

21.118min (+0.051) 25.91ng/ul m

response 505650

Ion Exp% Act%

228.00	100	100
229.00	20.40	24.94#
226.00	26.50	28.29
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

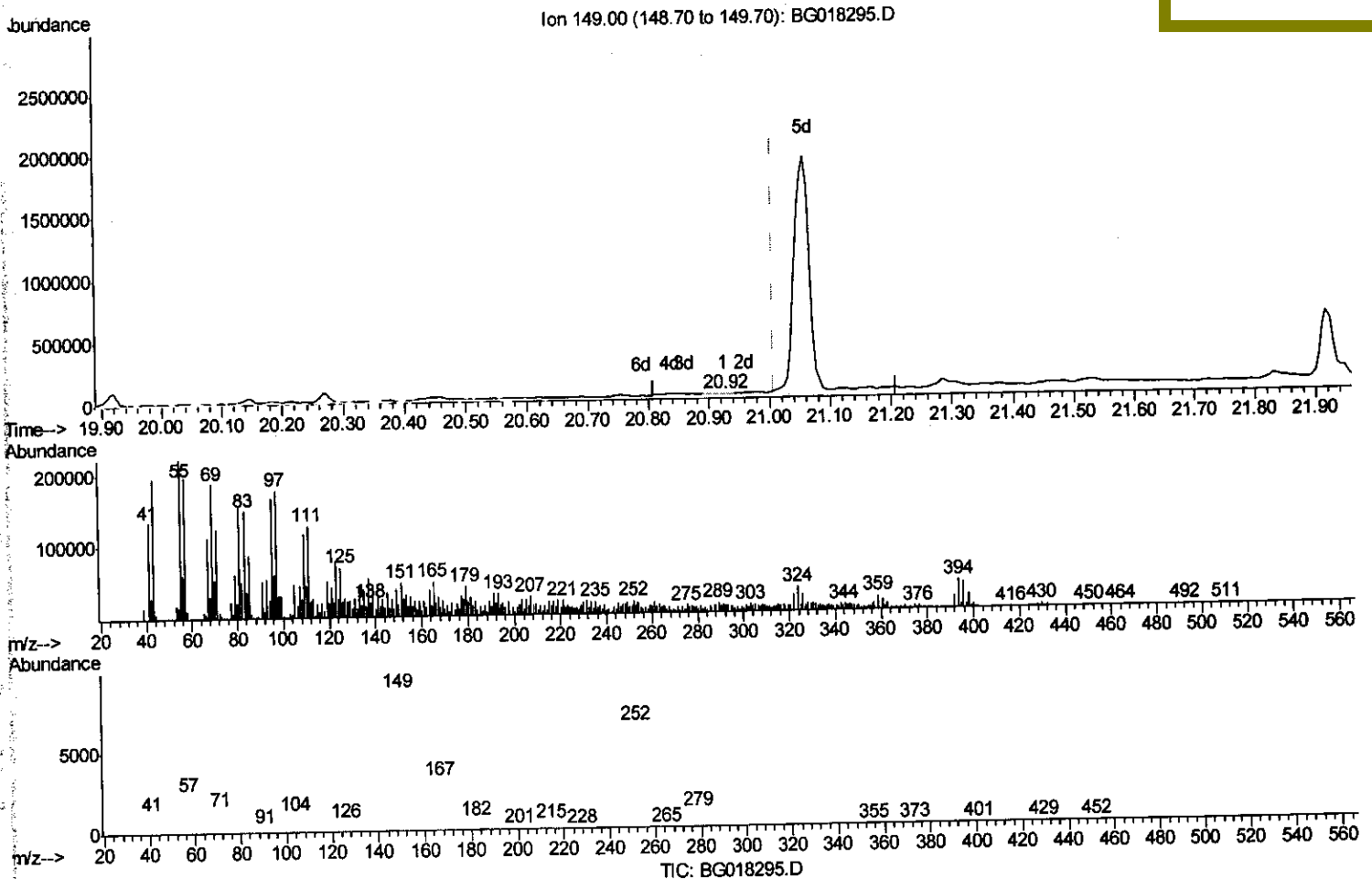
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Manual Integration
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Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration



(84) Bis(2-ethylhexyl)phthalate

20.924min (-0.084) 0.77ng/ul

response 9289

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	67.93#
279.00	10.70	18.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

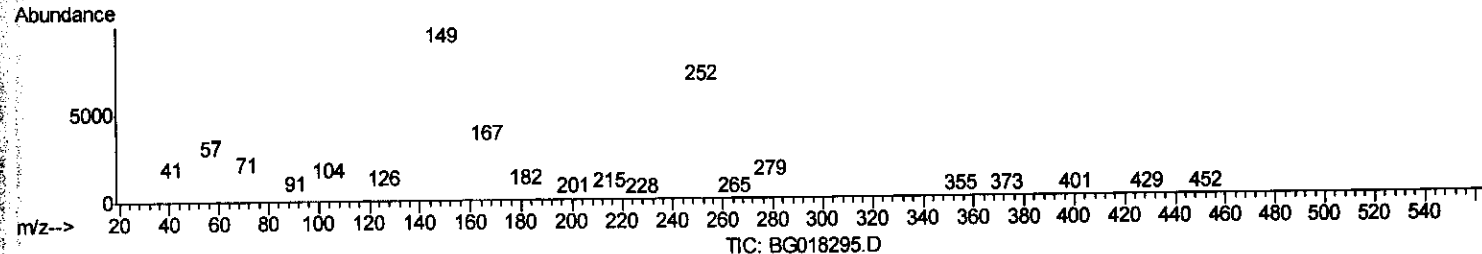
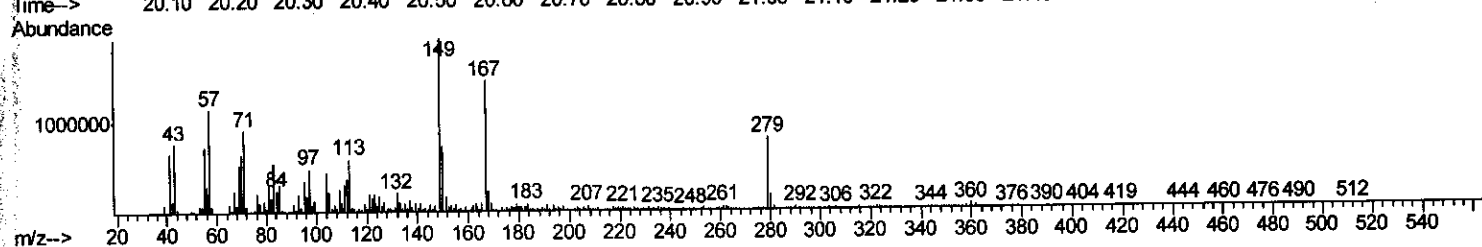
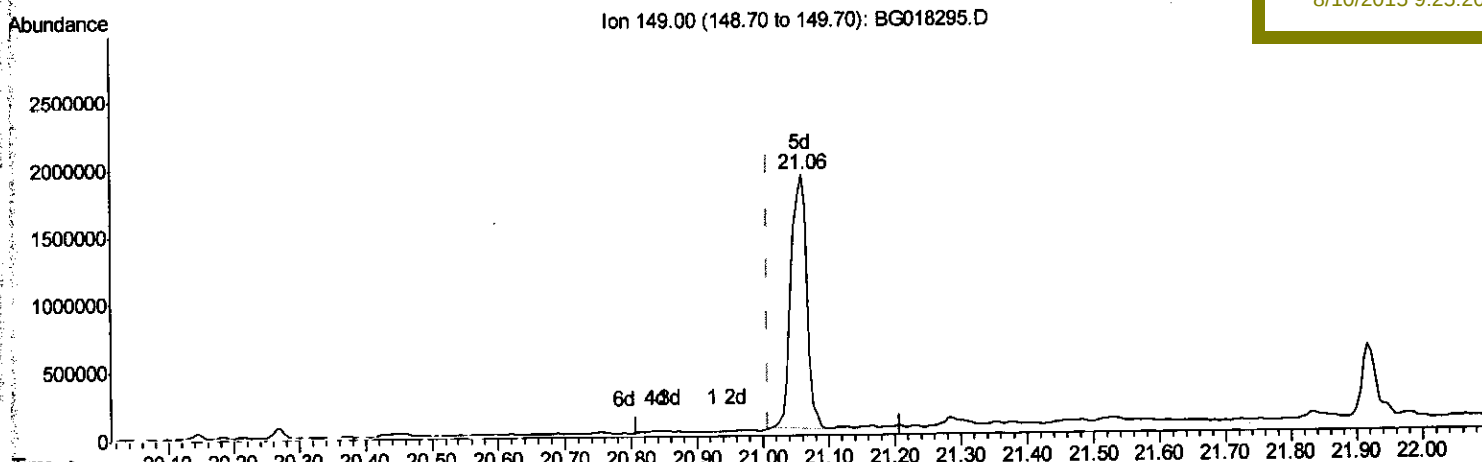
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(84) Bis(2-ethylhexyl)phthalate

21.059min (+0.051) 260.28ng/ul m

response 3123353

Ion	Exp%	Act%
149.00	100	100
167.00	33.00	75.23#
279.00	10.70	41.77#
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

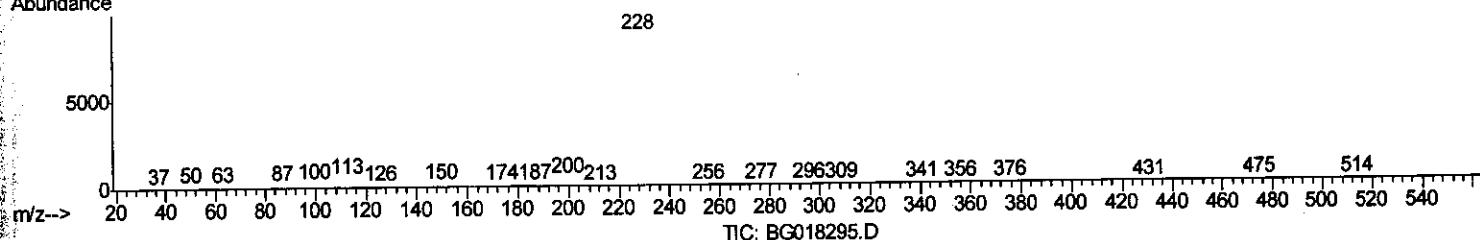
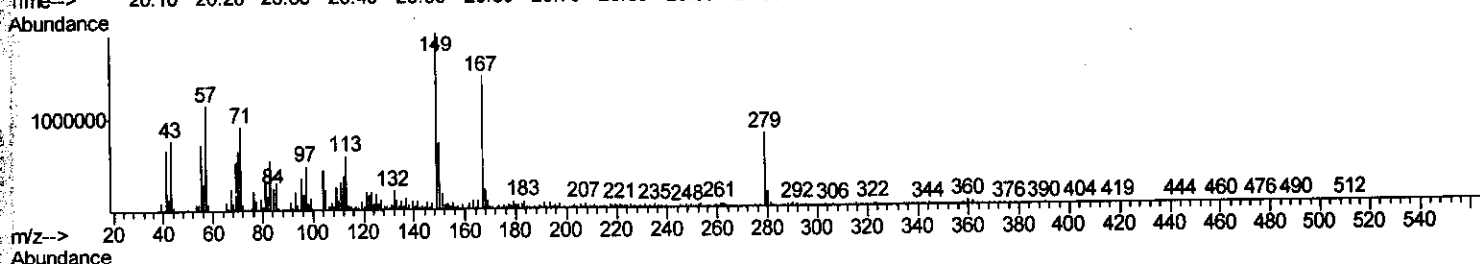
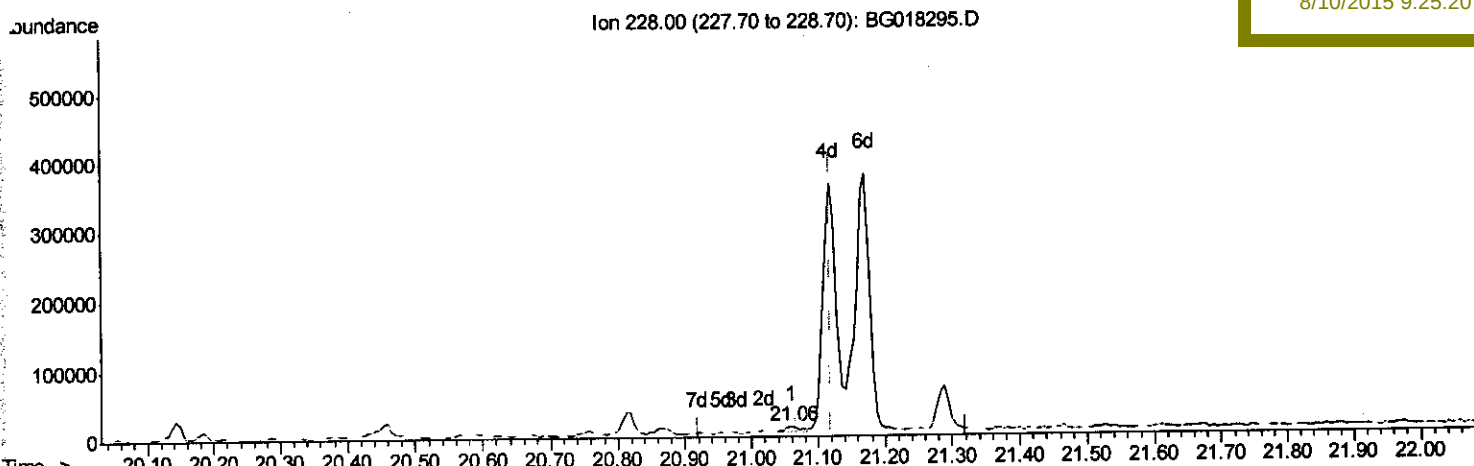
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(85) Chrysene

21.059min (-0.060) 0.92ng/ul

response 16190

Ion	Exp%	Act%
228.00	100	100
226.00	28.80	79.58#
229.00	19.90	154.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

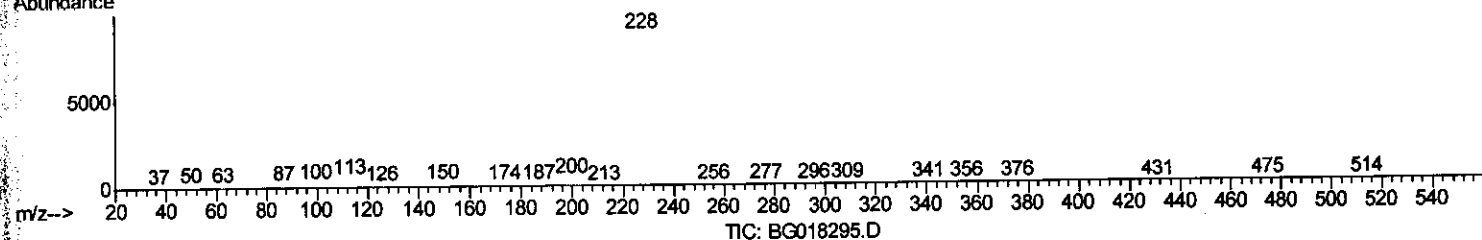
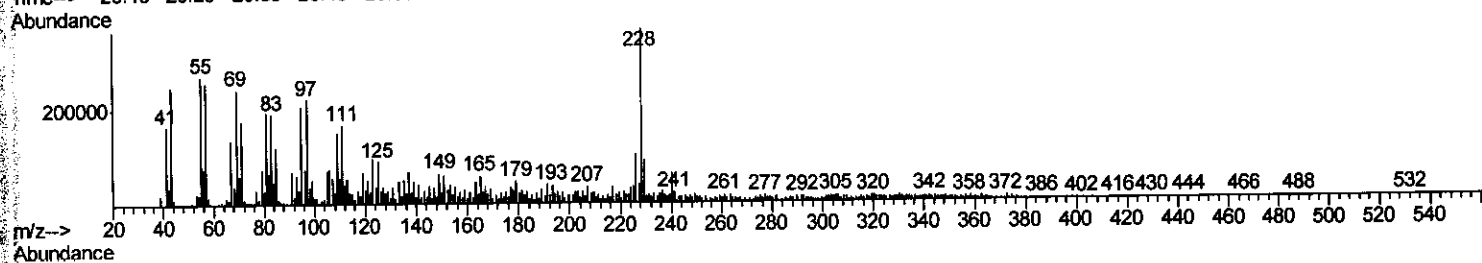
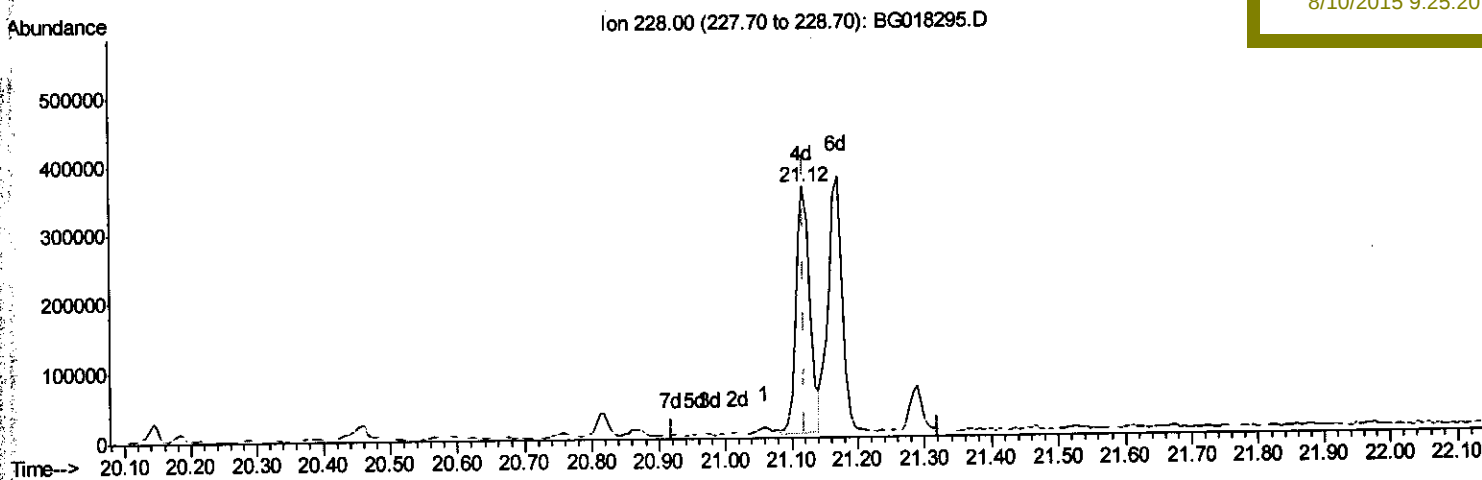
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

apatel
 8/10/2015 9:25:20 AM



(85) Chrysene

21.118min (-0.002) 29.24ng/ul m

response 512815

Ion Exp% Act%

228.00 100 100

226.00 28.80 28.29

229.00 19.90 24.94#

0.00 0.00 0.00

T.P
 8/8/15

Quantitation Report (Qedit)

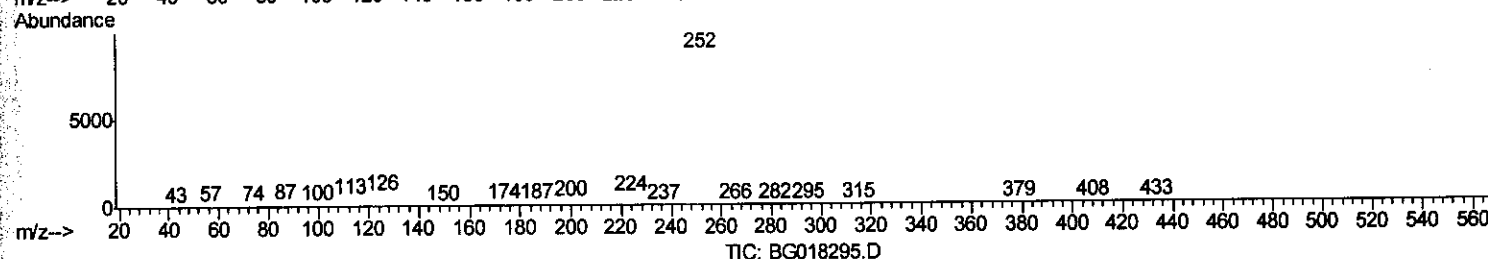
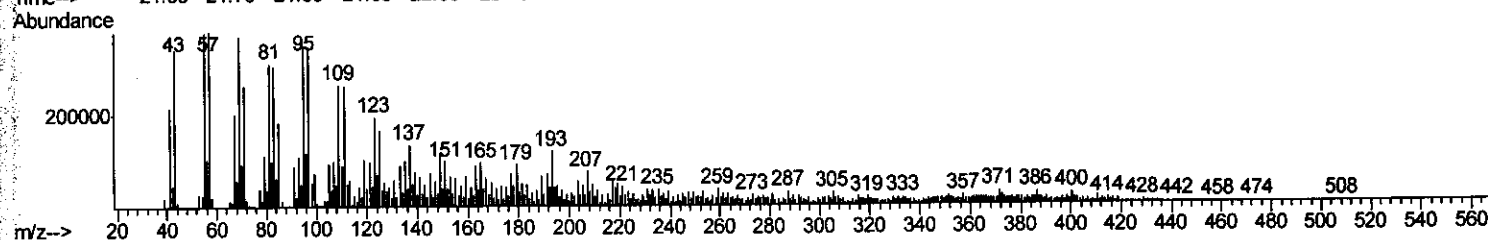
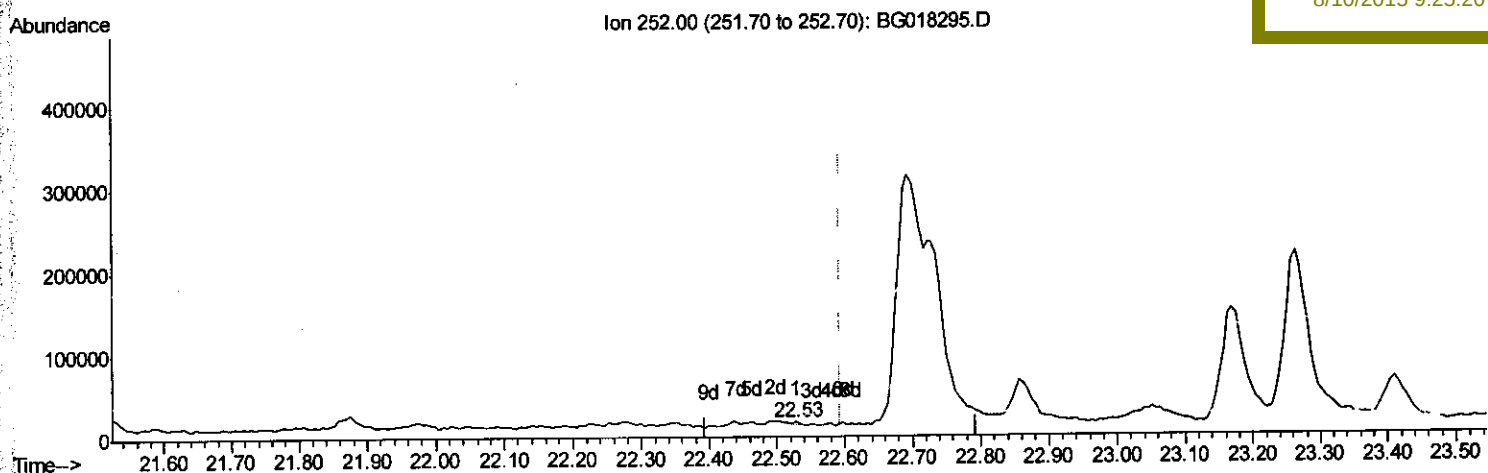
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
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(88) Benzo(b)fluoranthene
22.528min (-0.066) 0.16ng/ul
response 2478

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	170.36#
125.00	3.90	908.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

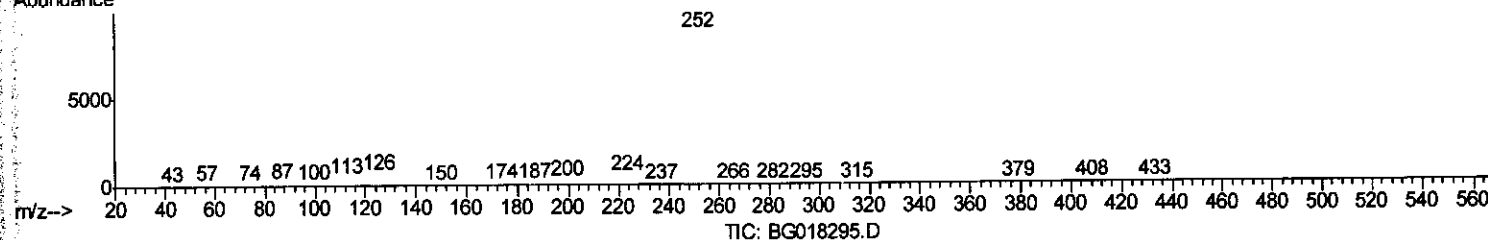
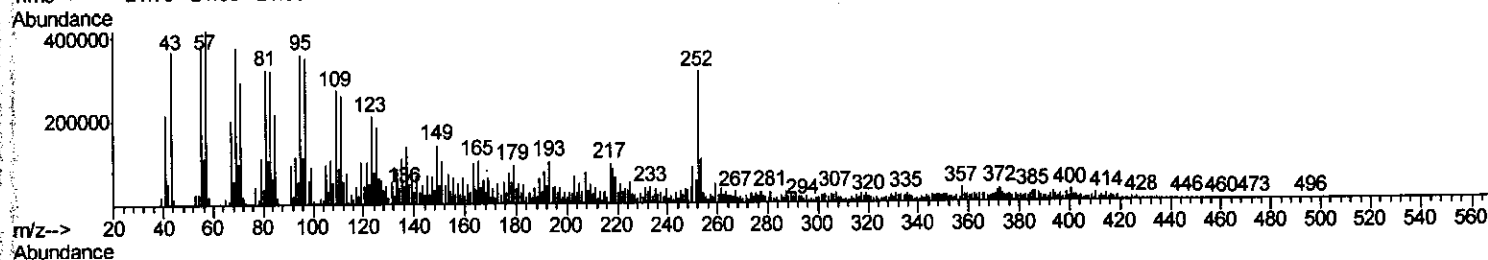
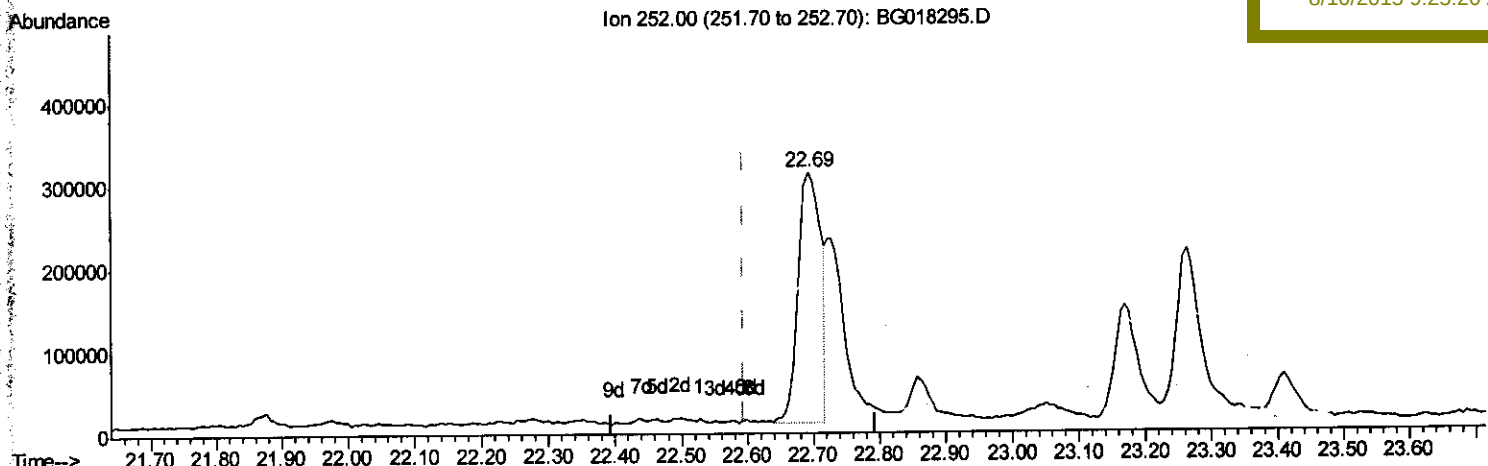
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(88) Benzo(b)fluoranthene

22.692min (+0.098) 47.61ng/ul m

response 731421

T.P
 8/8/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	34.19#
125.00	3.90	58.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

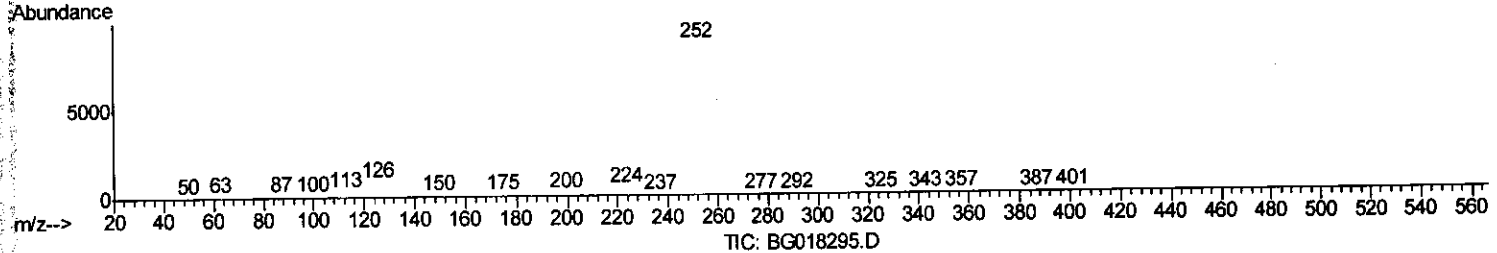
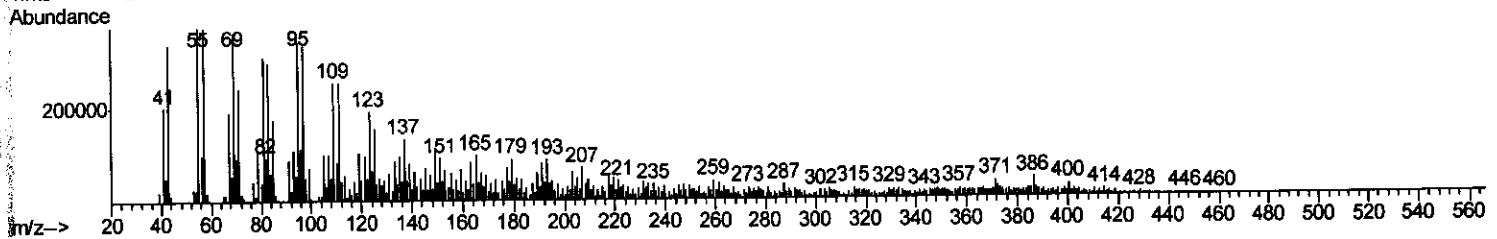
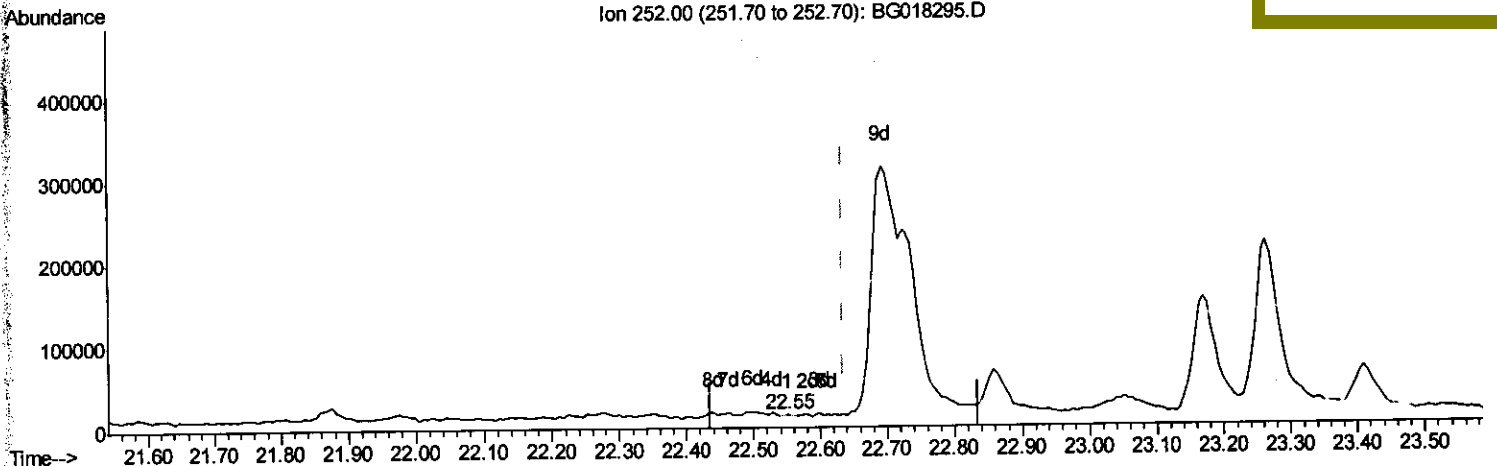
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene
 22.551min (-0.084) 0.12ng/ul
 response 1750

Ion	Exp%	Act%
252.00	100	100
253.00	20.50	165.12#
125.00	4.30	965.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

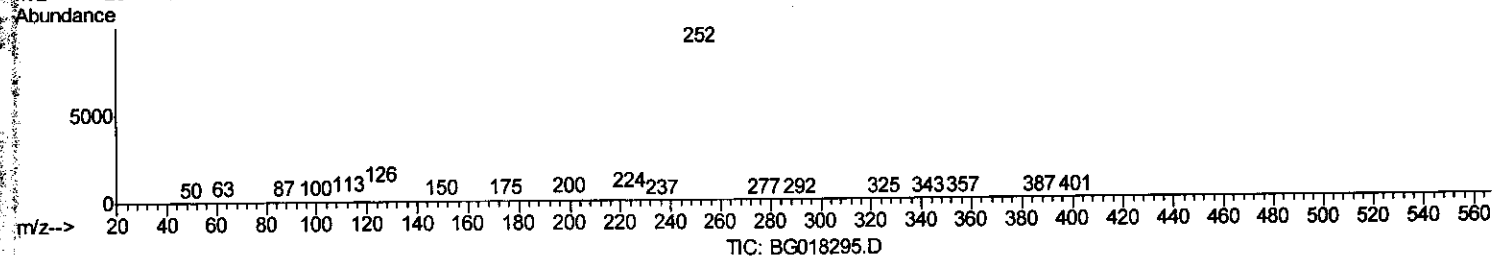
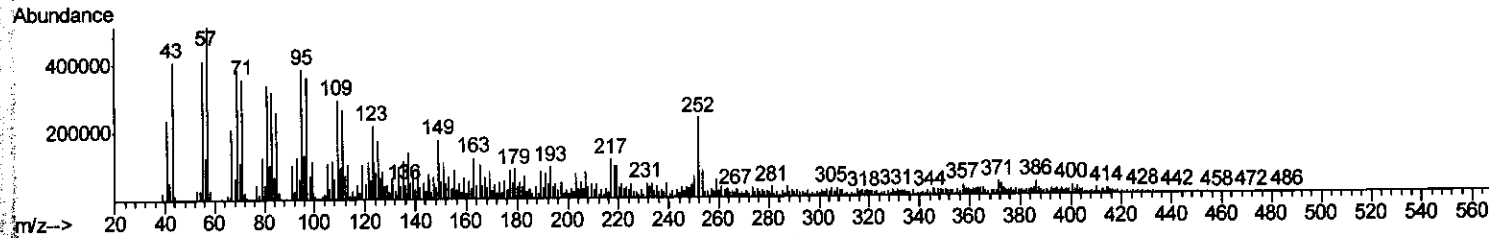
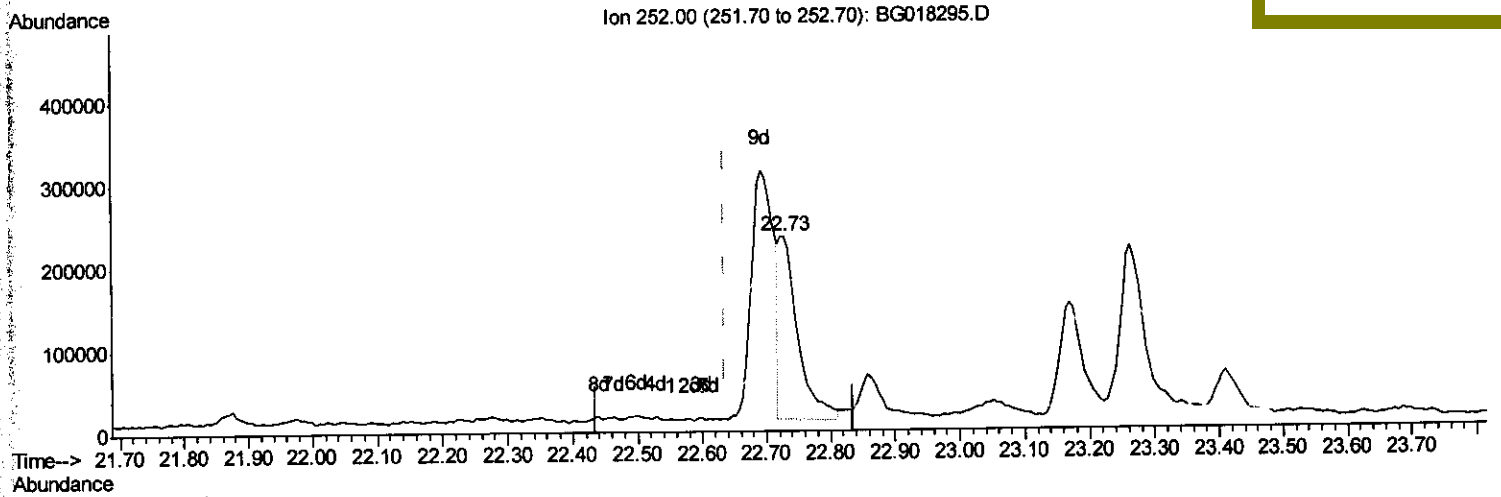
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

22.728min (+0.092) 30.55ng/ul m

response 450141

Ion Exp% Act%

252.00 100 100

253.00 20.50 34.83#

125.00 4.30 73.28#

0.00 0.00 0.00

T.P
 8/8/15

Quantitation Report (Qedit)

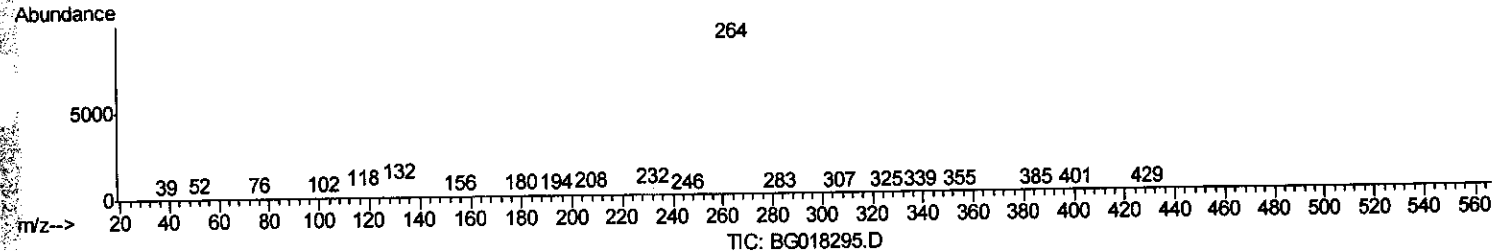
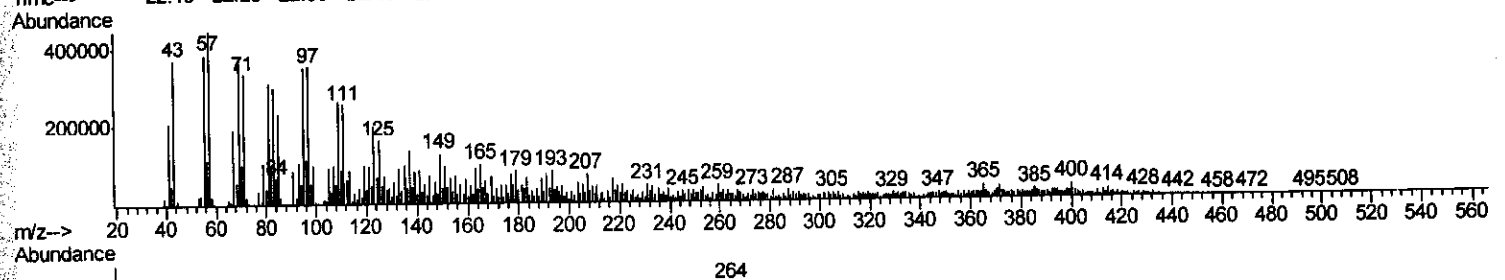
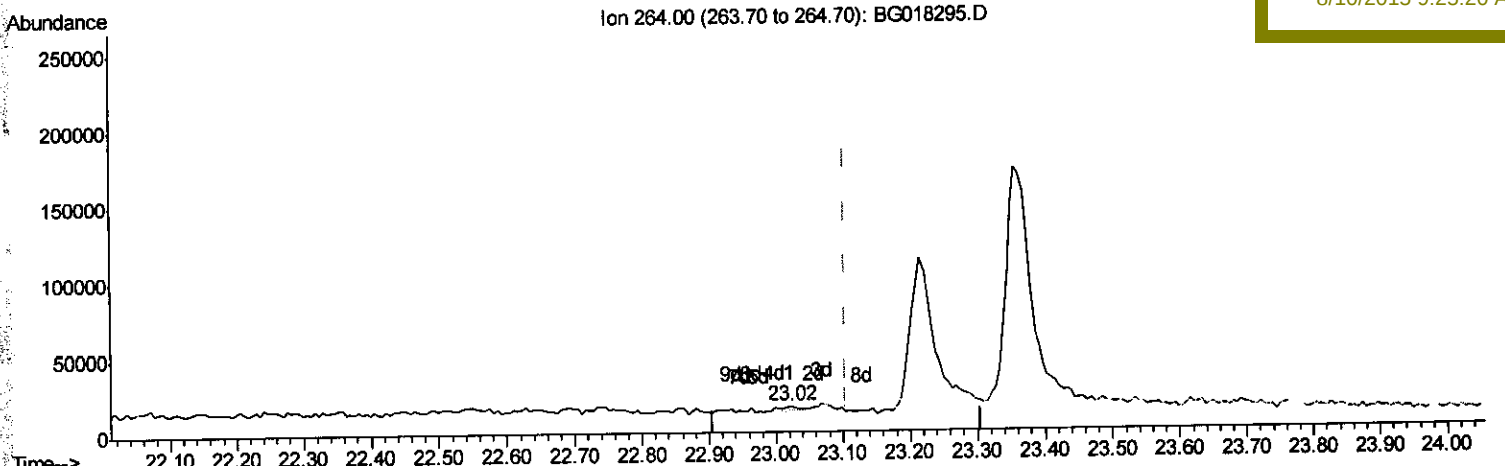
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

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

23.022min (-0.084) 0.25ng/ul

response 3279

Ion	Exp%	Act%
264.00	100	100
132.00	6.80	118.42#
118.00	4.30	109.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

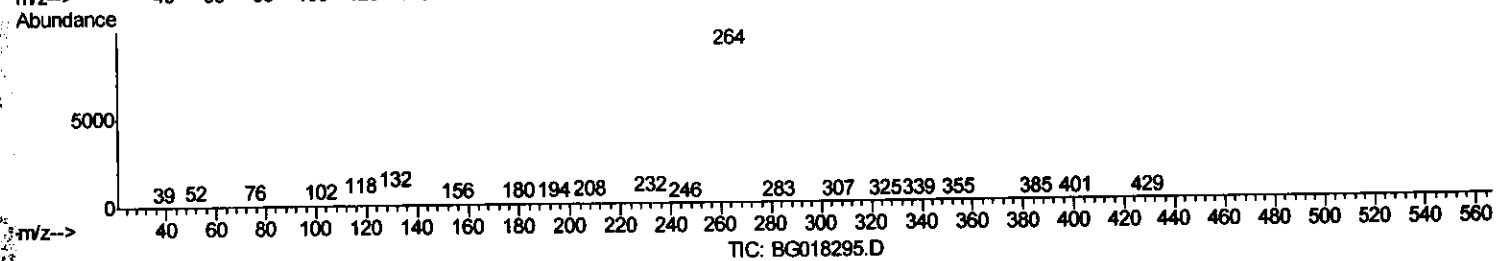
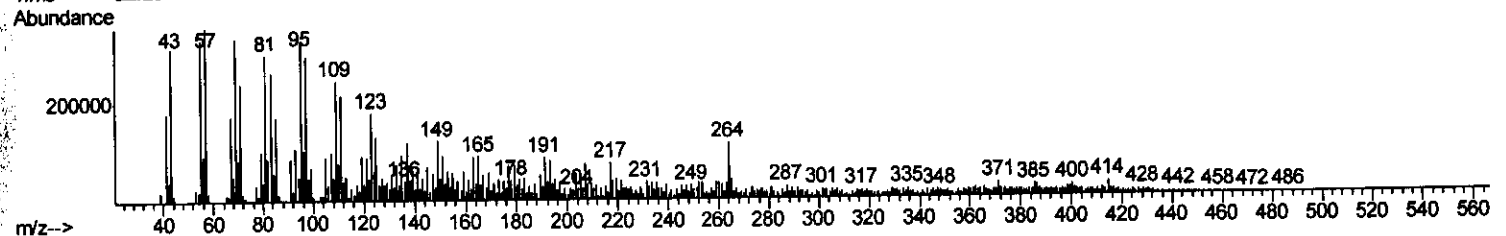
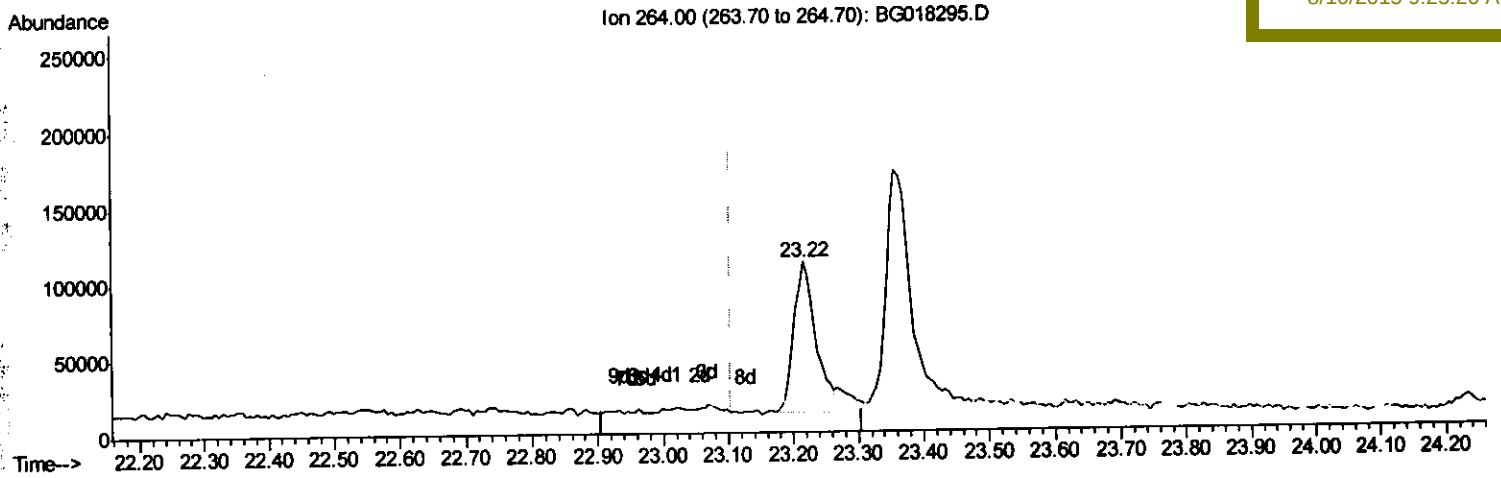
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

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

23.215min (+0.110) 18.35ng/ul m

response 239249

Ion Exp% Act%

264.00 100 100

132.00 6.80 24.47#

118.00 4.30 17.95#

0.00 0.00 0.00

T.P
 8/8/15

Quantitation Report (Qedit)

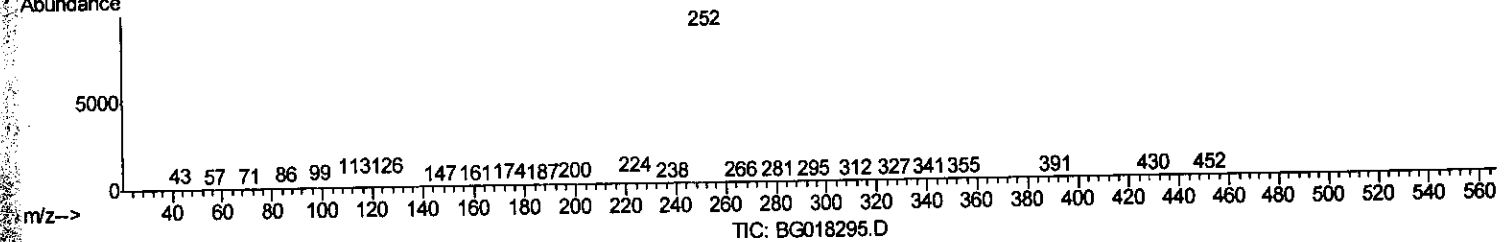
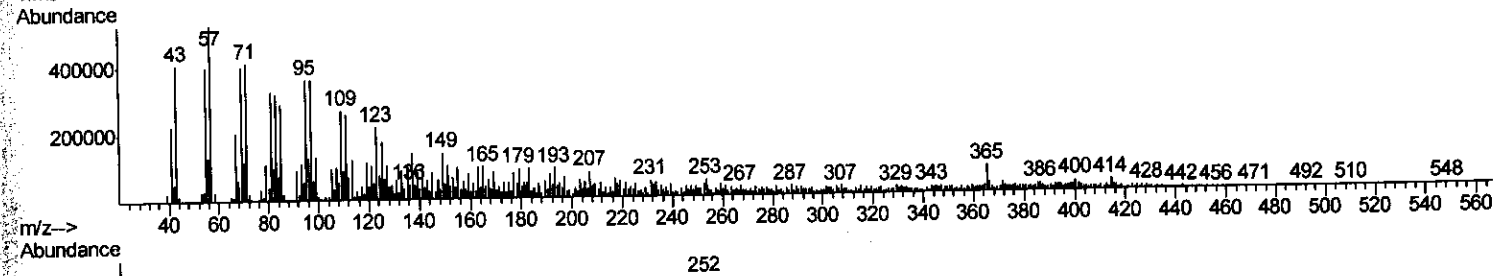
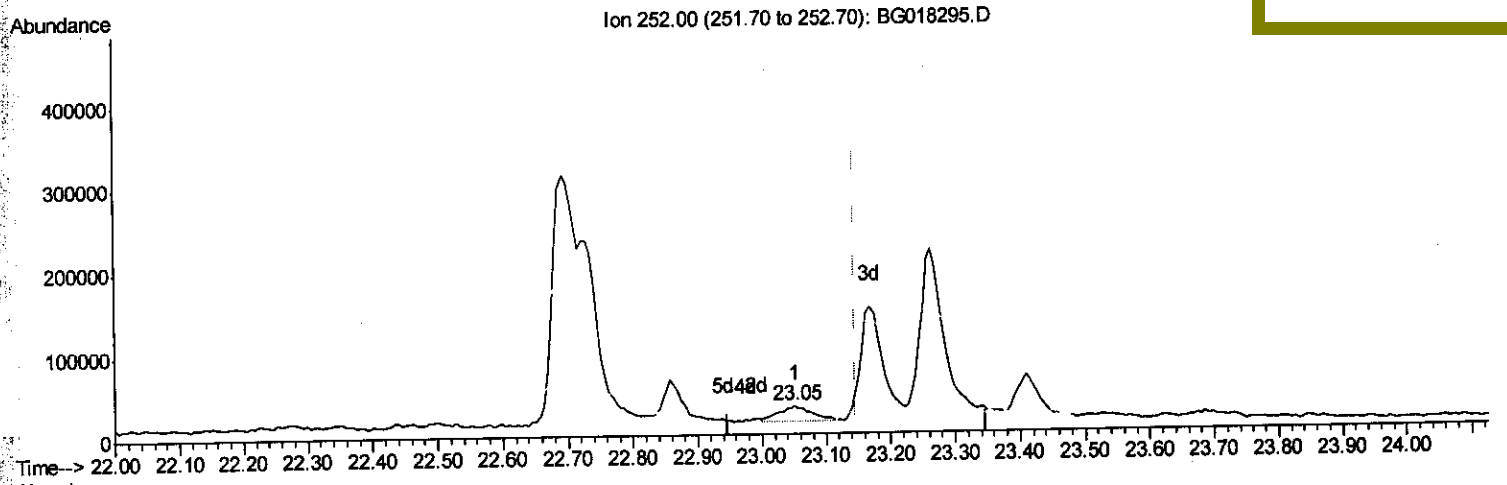
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

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(91) Benzo(a)pyrene (C)

23.051min (-0.096) 5.37ng/ul

response 72069

Ion	Exp%	Act%
252.00	100	100
253.00	23.60	144.30#
125.00	4.00	495.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

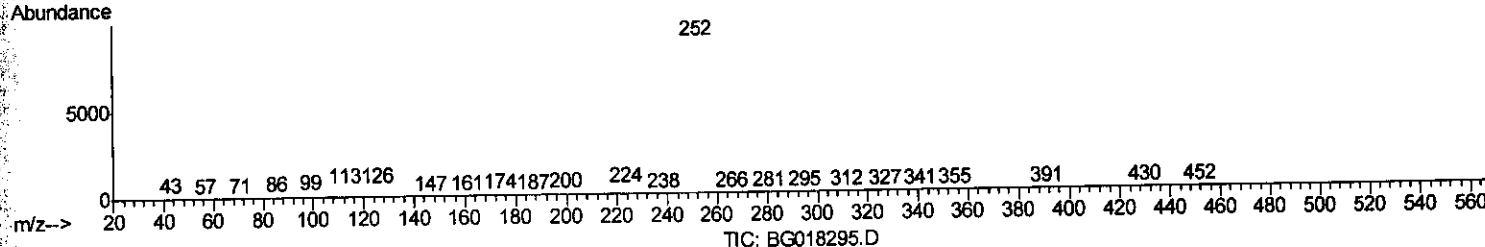
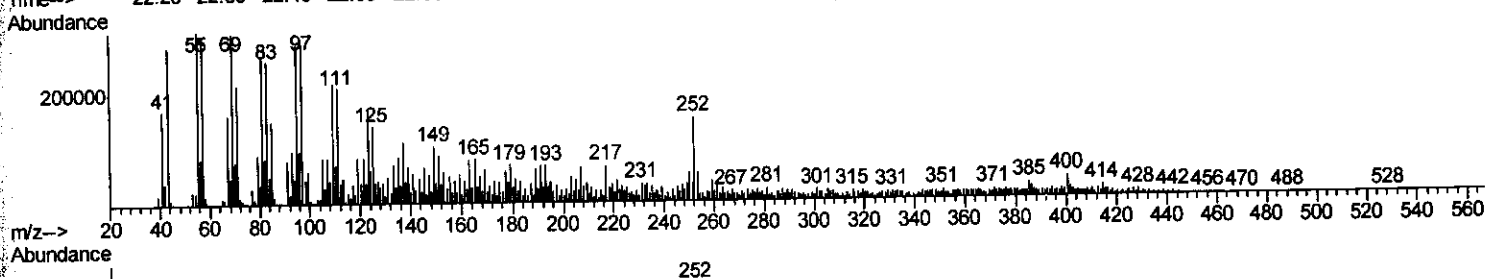
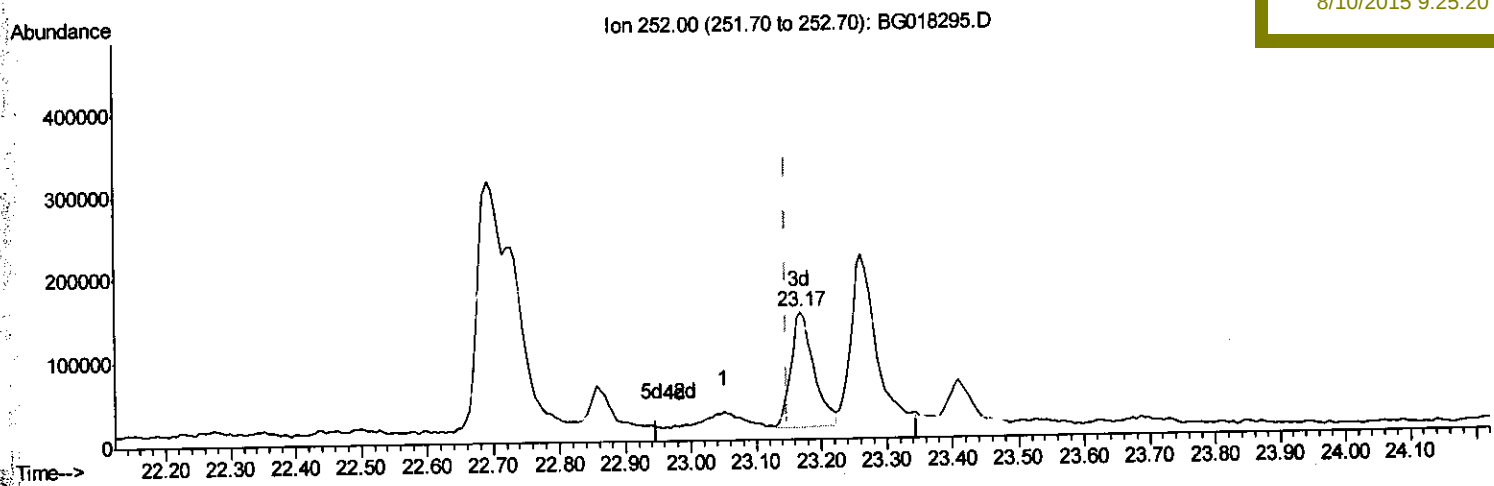
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

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

23.168min (+0.022) 25.18ng/ul m

response 337828

Ion Exp% Act%

252.00 100 100

253.00 23.60 33.98#

125.00 4.00 92.02#

0.00 0.00 0.00

T.P
8/8/15

Quantitation Report (Qedit)

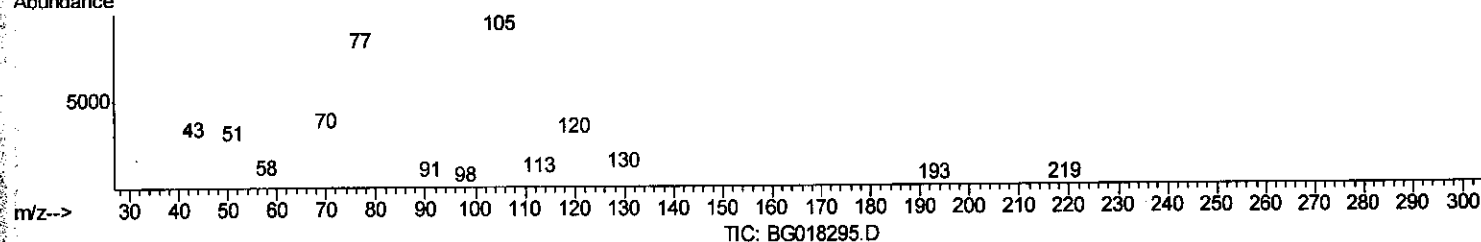
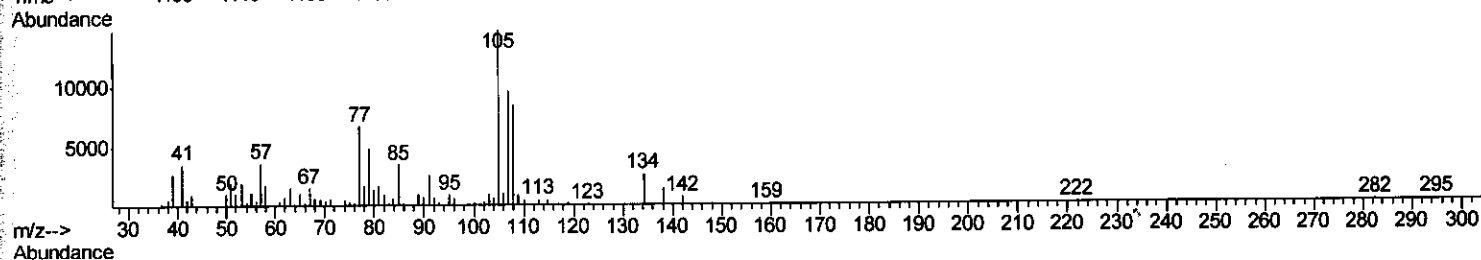
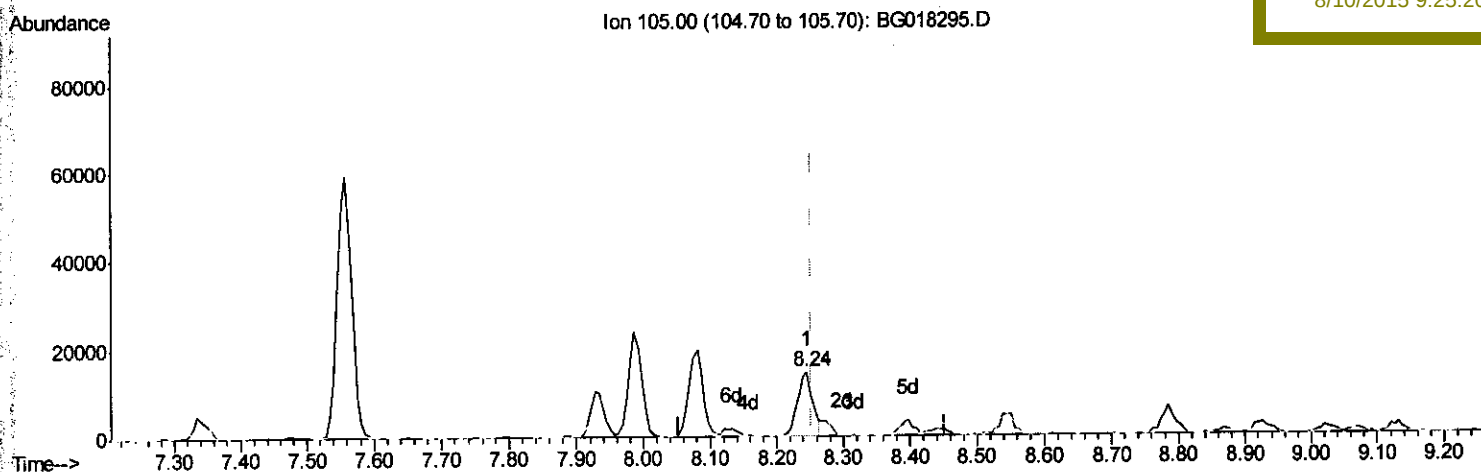
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Manual Integrations
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(14) Acetophenone

8.245min (-0.008) 4.03ng/ul

response 23073

Ion	Exp%	Act%
105.00	100	100
77.00	84.40	45.74#
51.00	29.50	14.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

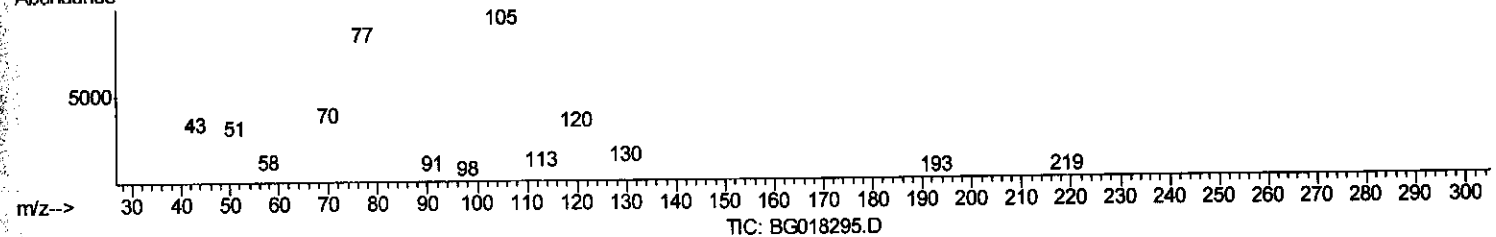
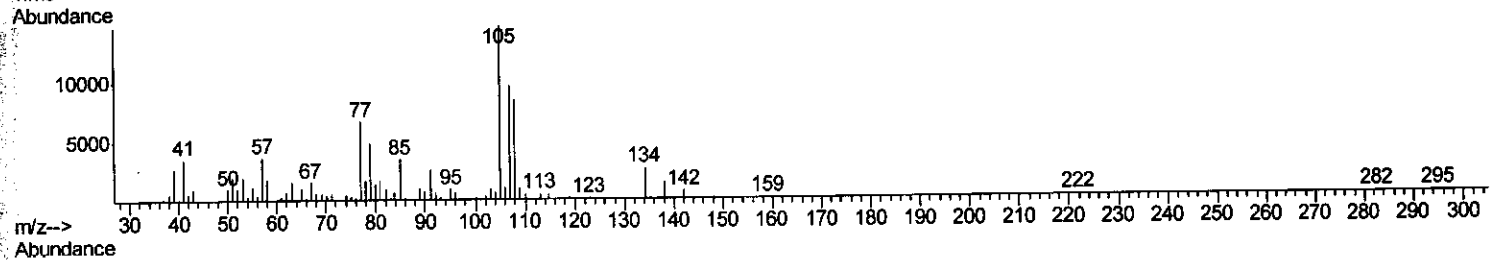
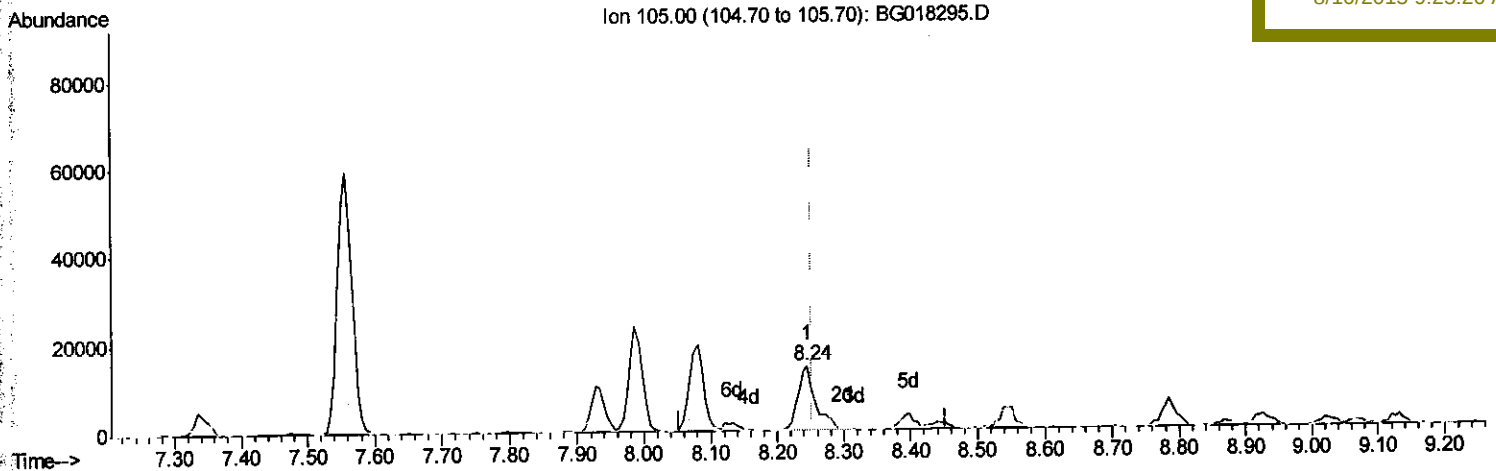
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(14) Acetophenone

8.245min (-0.008) 4.78ng/ul m

response 27397

T.P
 8/8/15

Ion	Exp%	Act%
105.00	100	100
77.00	84.40	45.74#
51.00	29.50	14.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

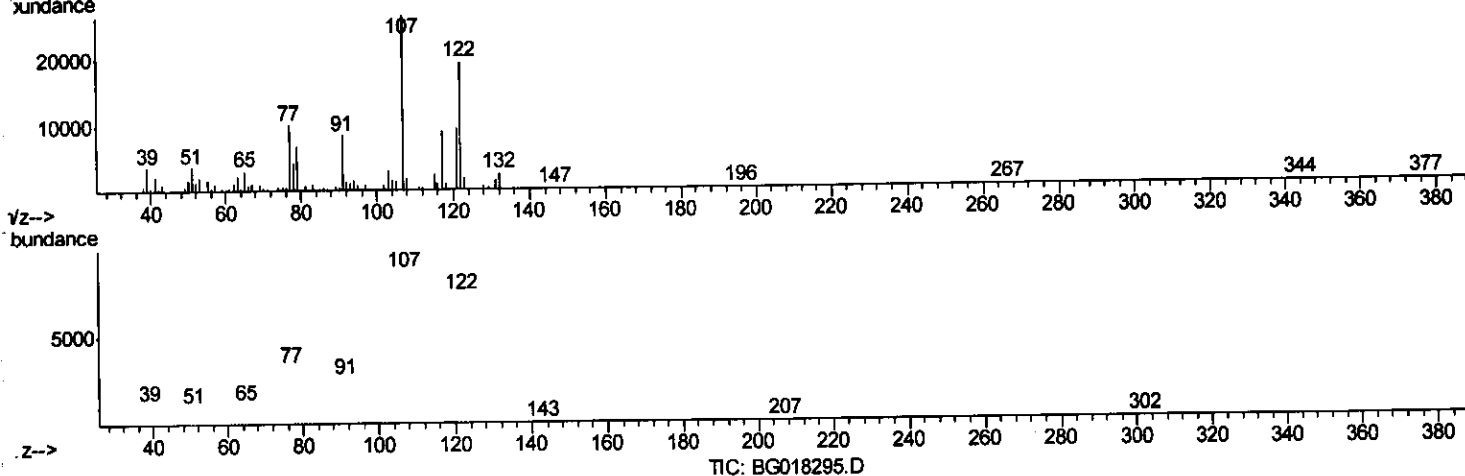
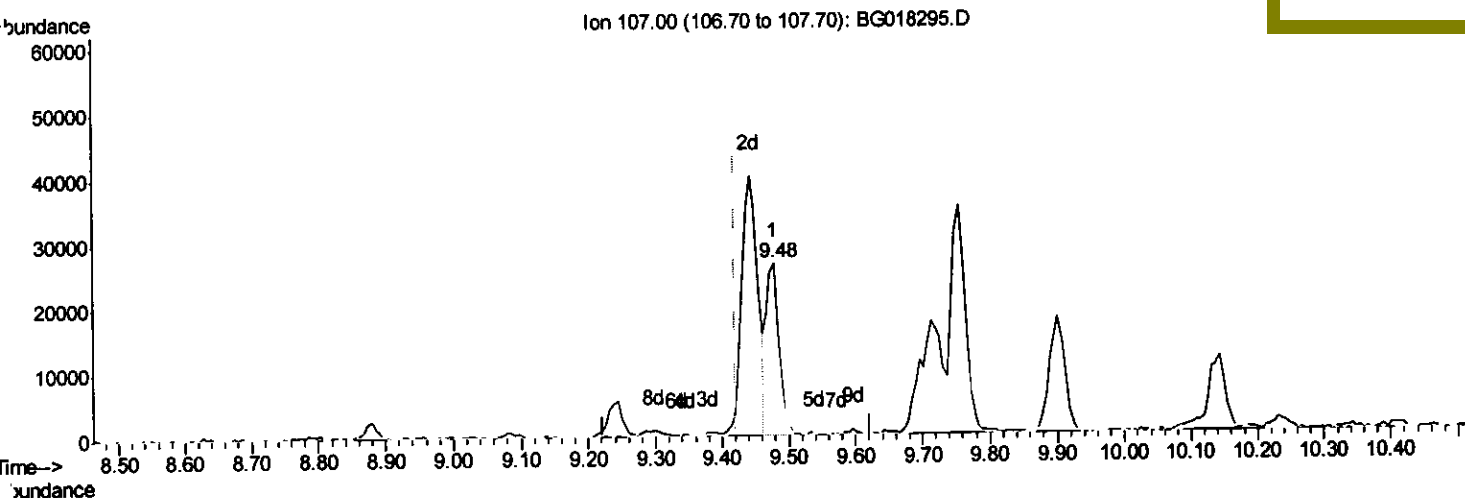
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Manual Integration
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Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

9.479min (+0.057) 7.66ng/ul

response 34467

Ion	Exp%	Act%
107.00	100	100
121.00	43.50	35.38
122.00	69.40	73.04
0.00	0.00	0.00

Quantitation Report (Qedit)

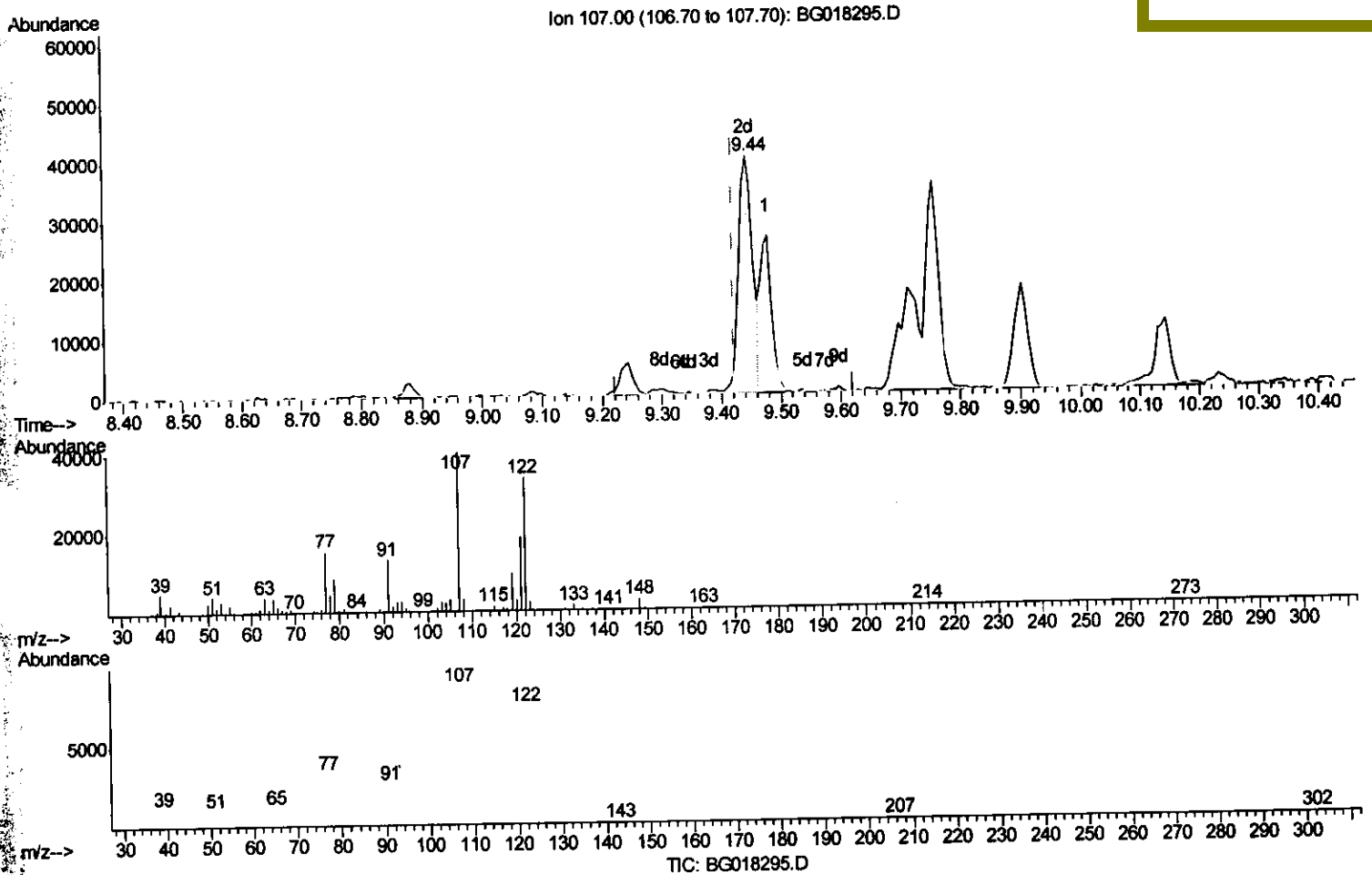
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(24) 2,4-Dimethylphenol

9.443min (+0.022) 15.03ng/ul m

response 67627

T.P
 8/8/15

Ion	Exp%	Act%
107.00	100	100
121.00	43.50	47.07
122.00	69.40	83.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

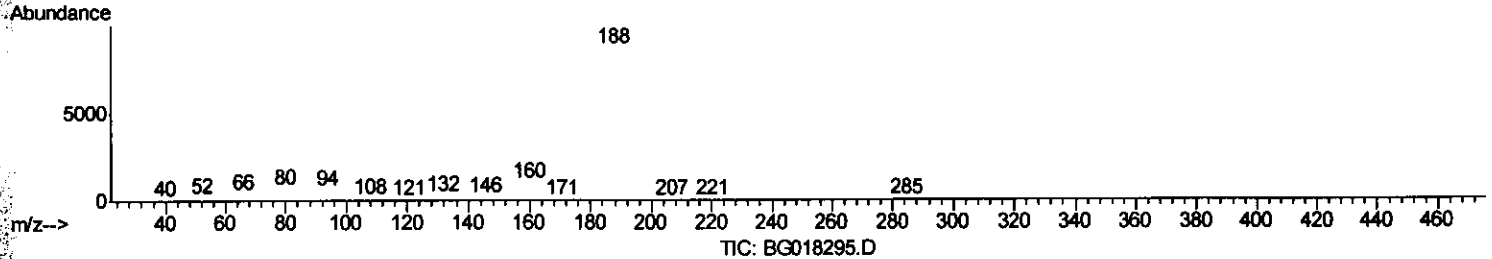
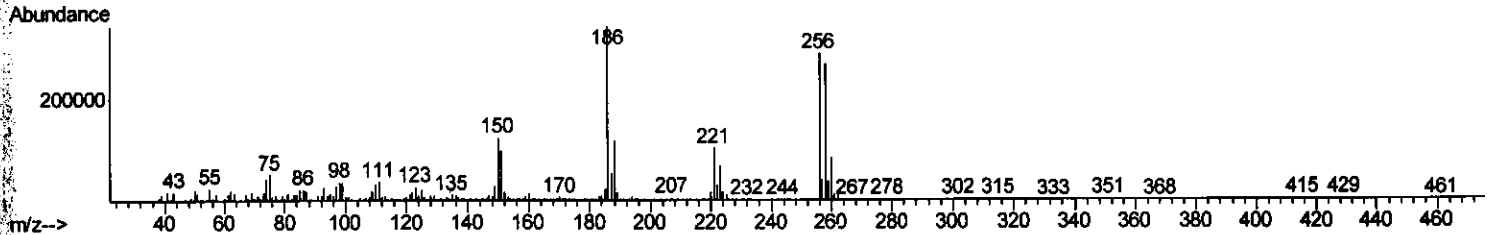
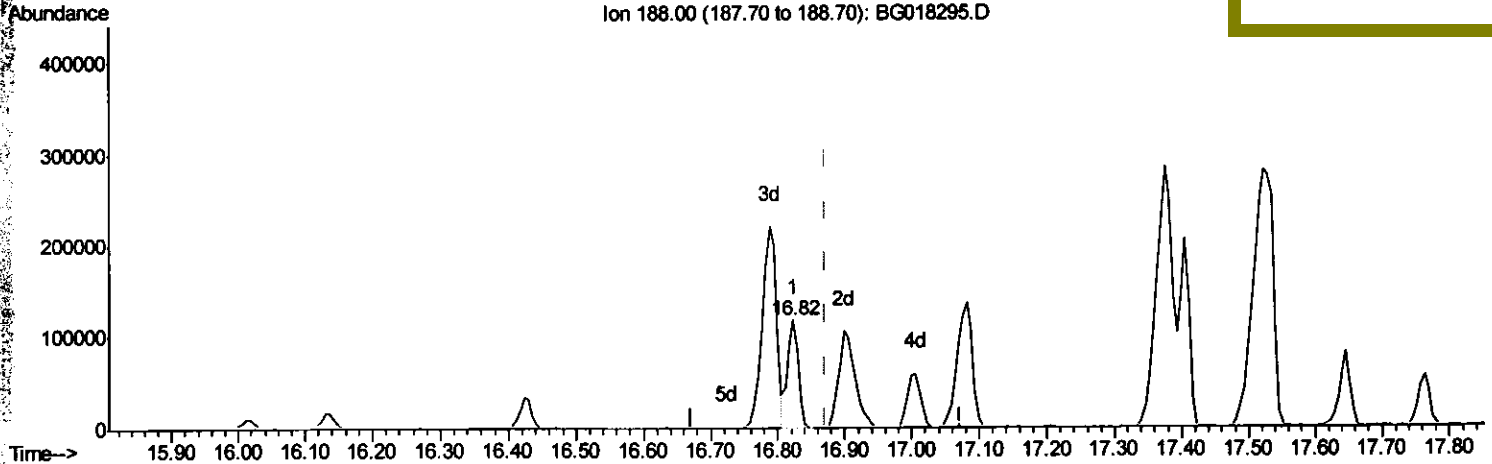
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

16.823min (-0.049) 20.00ng/ul

response 129977

Ion	Exp%	Act%
188.00	100	100
94.00	6.50	7.72
80.00	6.10	4.98
0.00	0.00	0.00

Quantitation Report (Qedit)

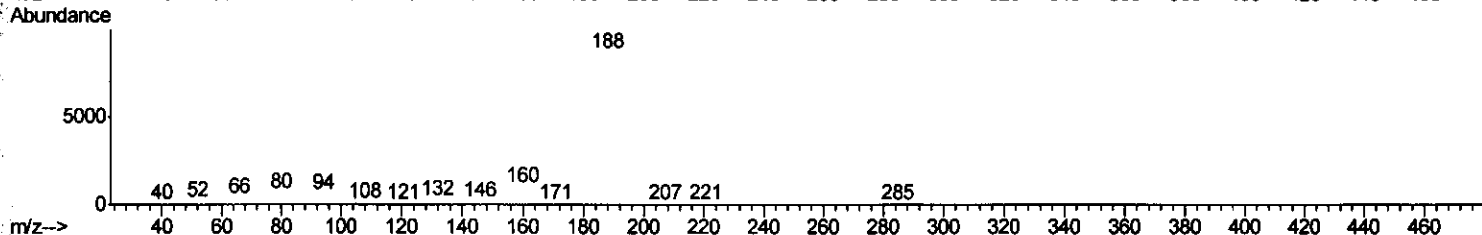
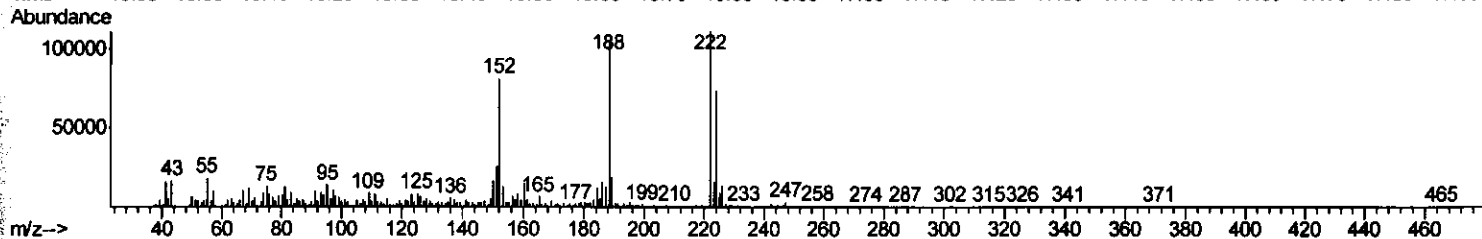
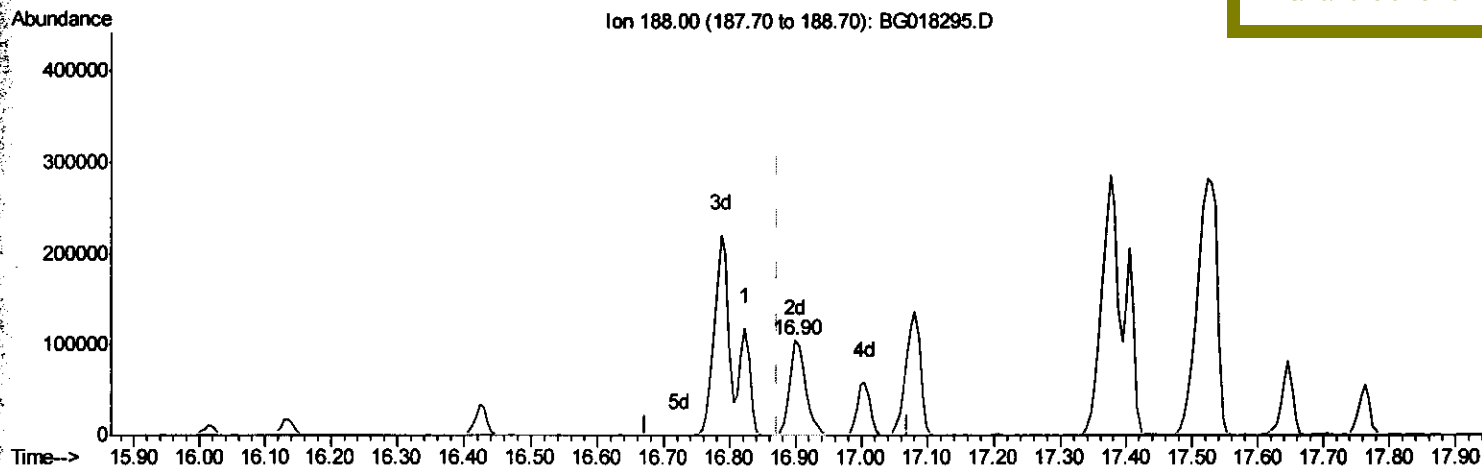
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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TIC: BG018295.D

(62) Phenanthrene-d10 (I)

16.899min (+0.028) 20.00ng/ul m

response 181820

T.P
 8/8/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.50	7.52
80.00	6.10	7.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

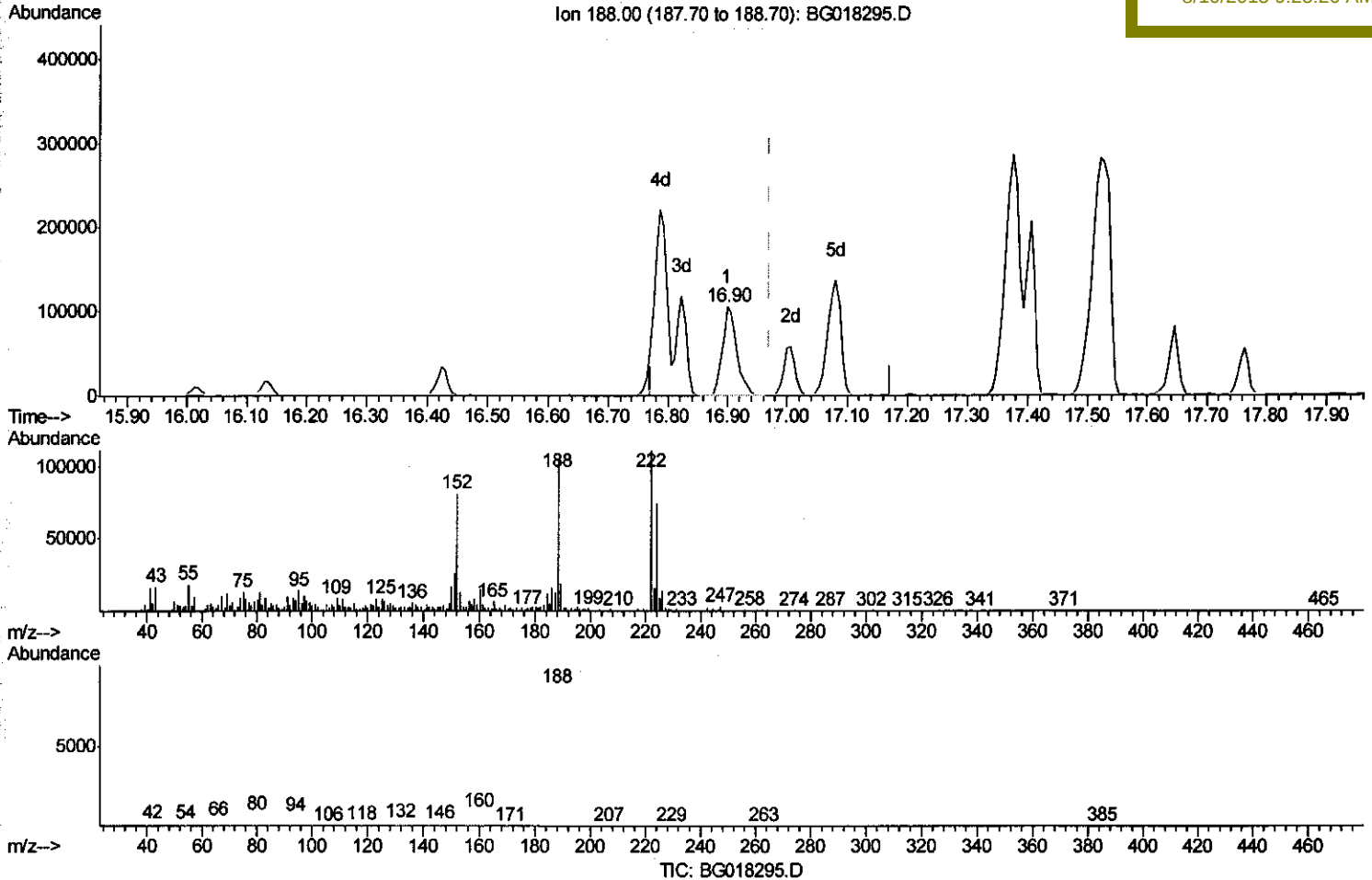
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(71) Anthracene-d10 (S)

16.899min (-0.072) 22.60ng/ul

response 180777

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	7.52
80.00	6.50	7.44
0.00	0.00	0.00

Quantitation Report (Qedit)

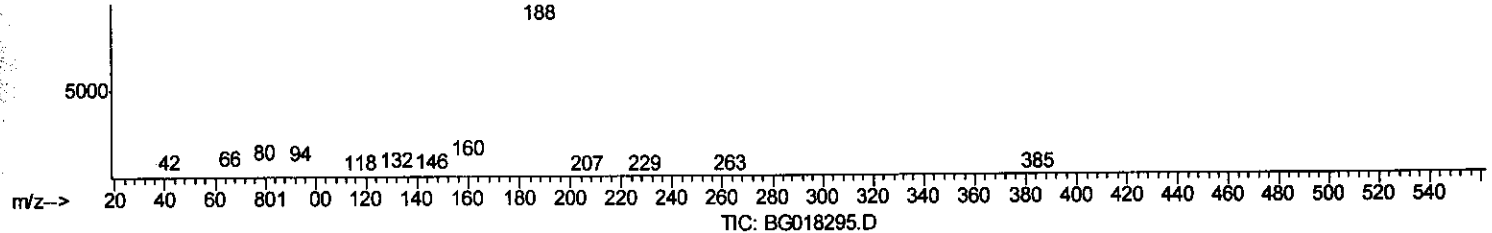
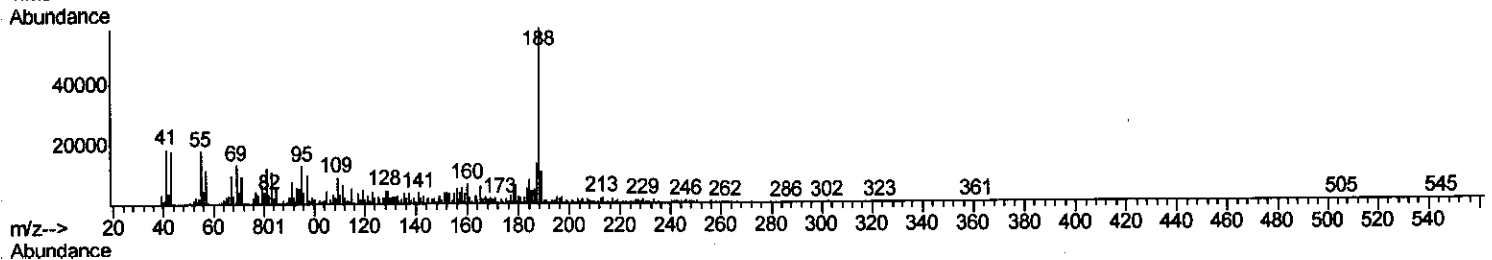
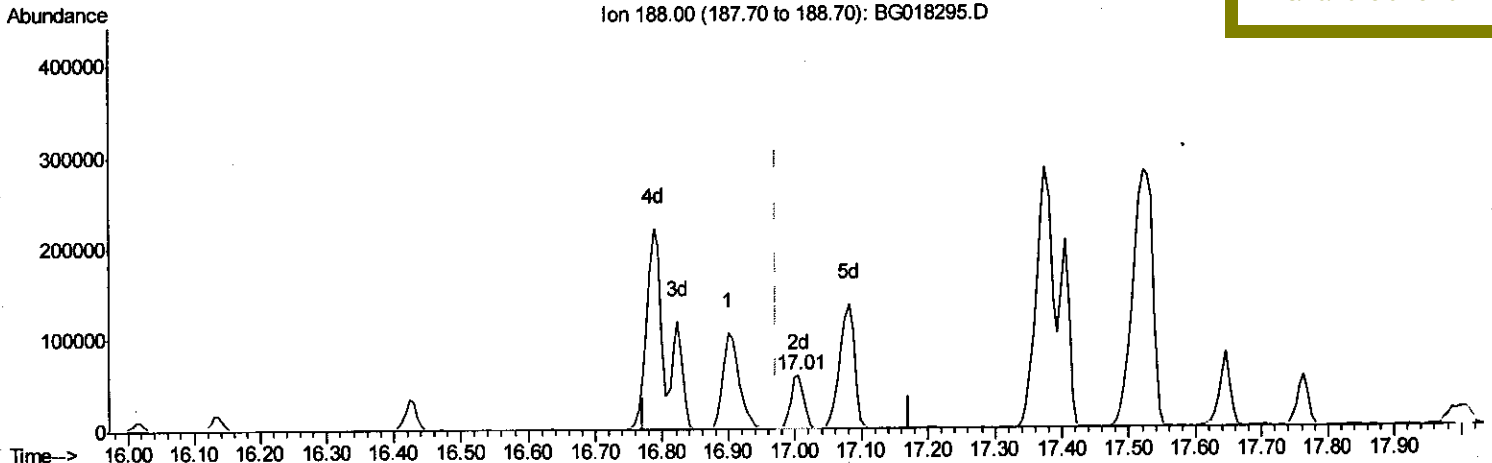
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(71) Anthracene-d10 (S)

17.005min (+0.034) 10.18ng/ul m

response 81409

Ion	Exp%	Act%
188.00	100	100
94.00	7.20	9.31#
80.00	6.50	7.40
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

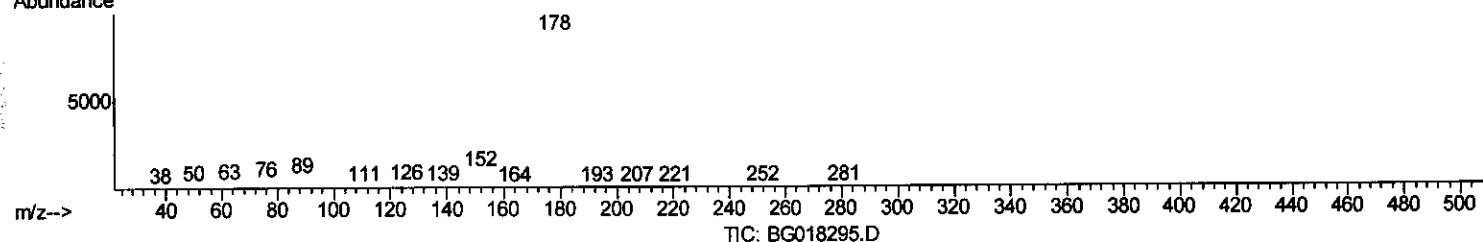
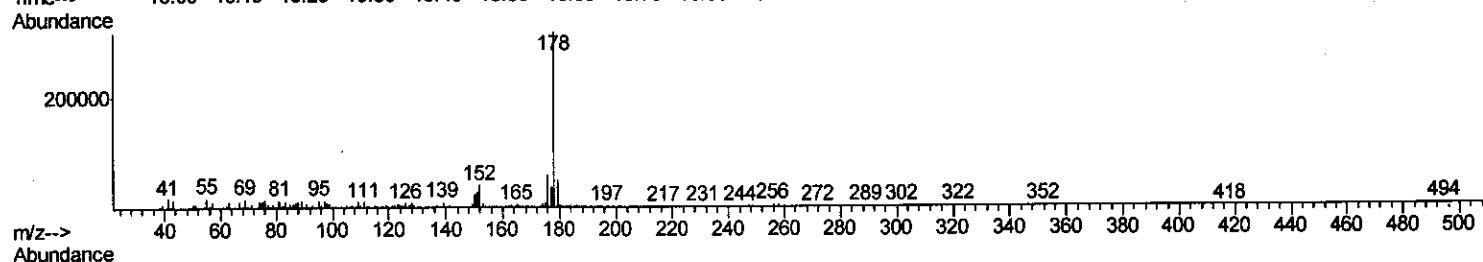
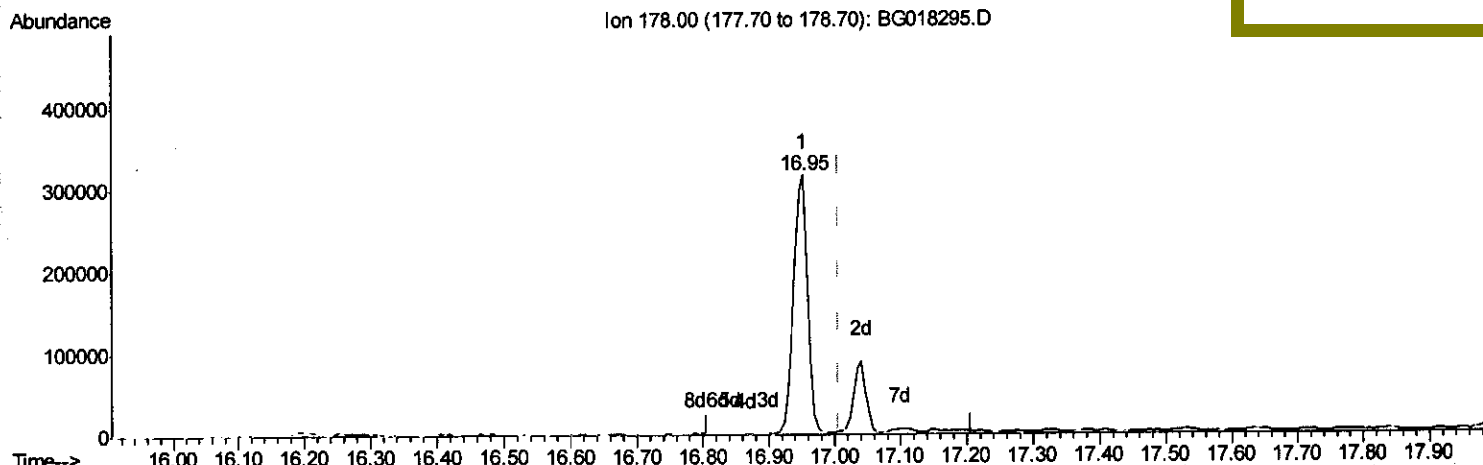
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
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Manual Integrations
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(72) Anthracene

16.952min (-0.055) 51.41ng/ul

response 470777

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.70
176.00	19.10	18.47
0.00	0.00	0.00

Quantitation Report (Qedit)

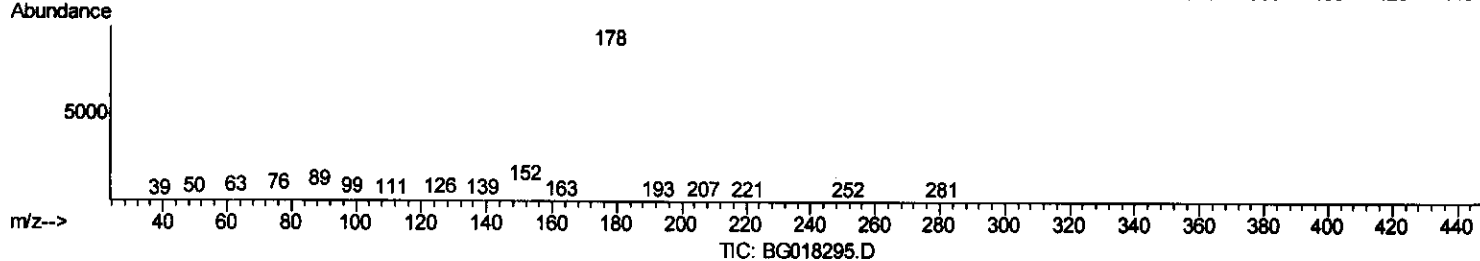
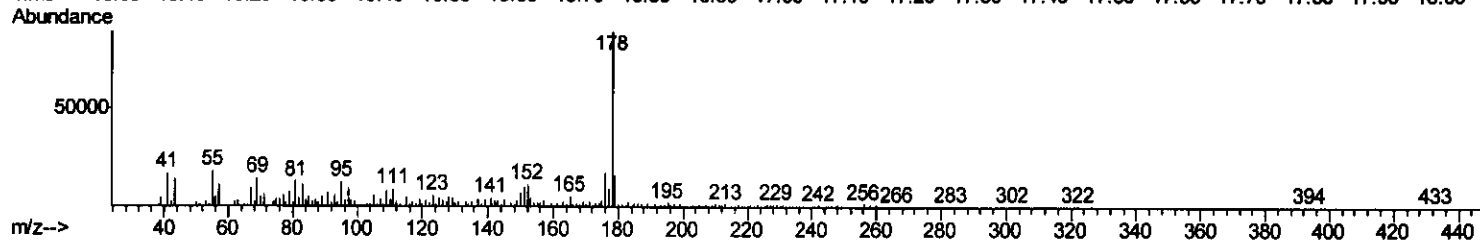
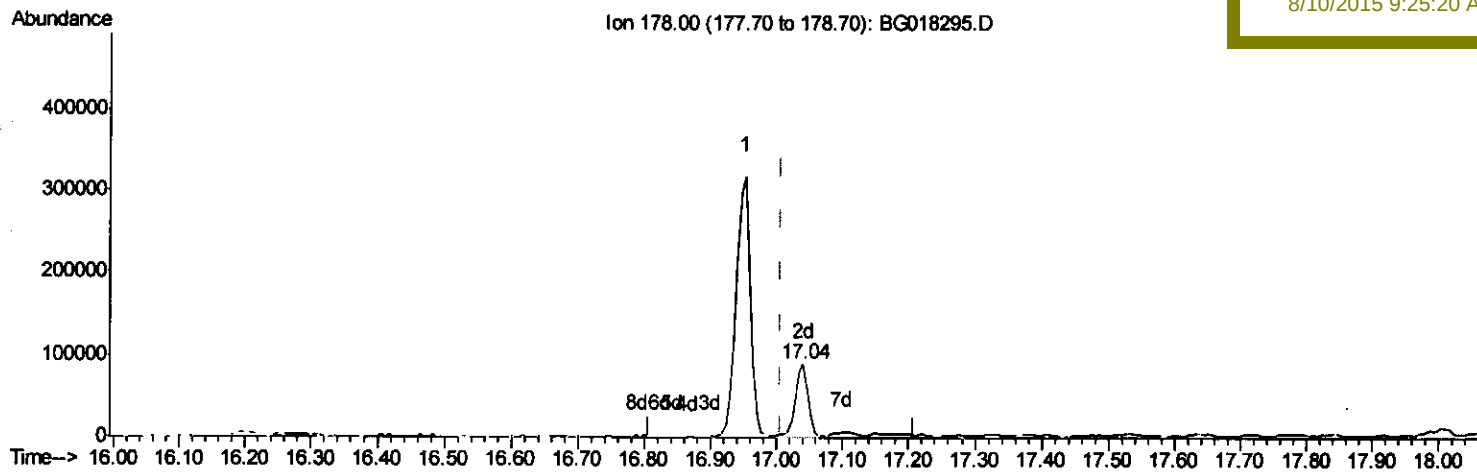
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
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 Quant Title : SVOA CALIBRATION
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Manual Integrations
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(72) Anthracene

17.040min (+0.034) 13.64ng/ul m

response 124879

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.86
176.00	19.10	19.63
0.00	0.00	0.00

T.P
 8/8/15

Quantitation Report (Qedit)

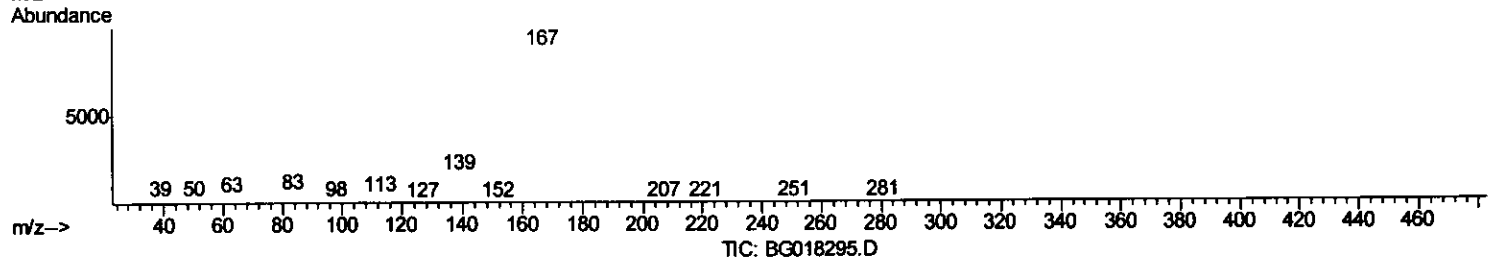
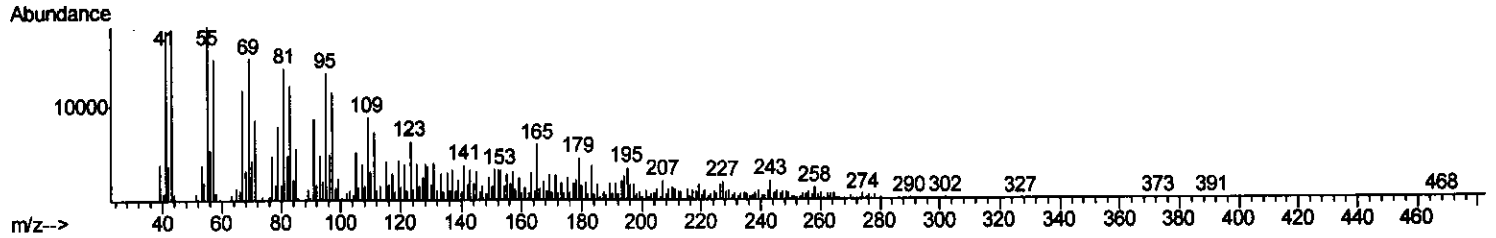
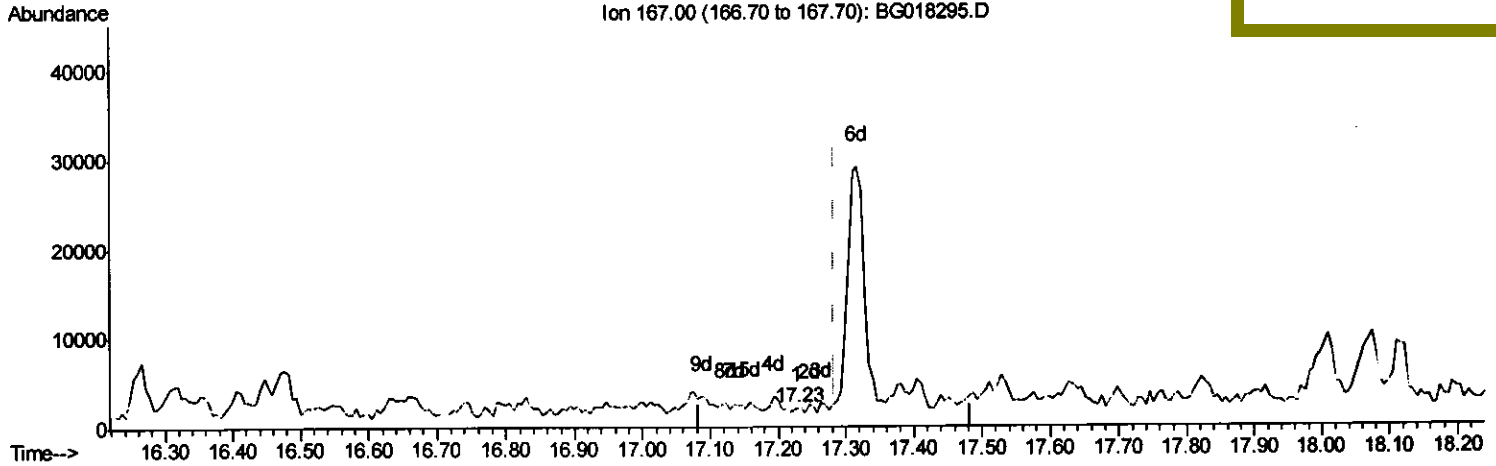
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.228min (-0.055) 0.07ng/ul

response 505

Ion	Exp%	Act%
167.00	100	100
166.00	22.30	63.90#
139.00	13.30	105.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

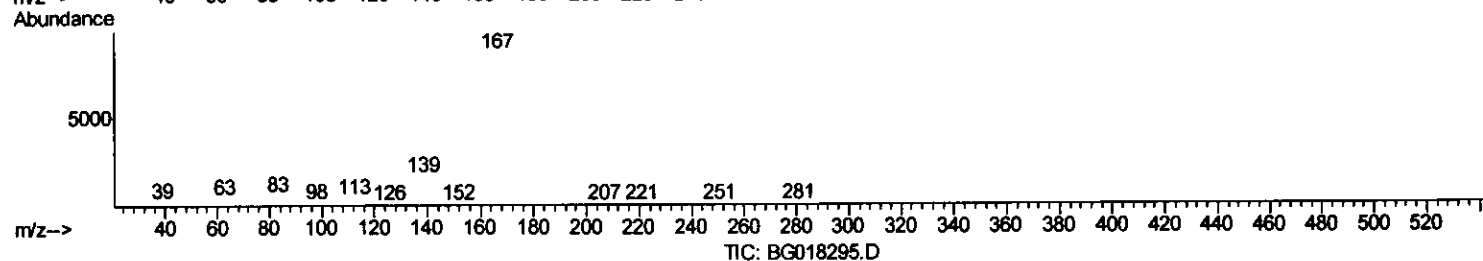
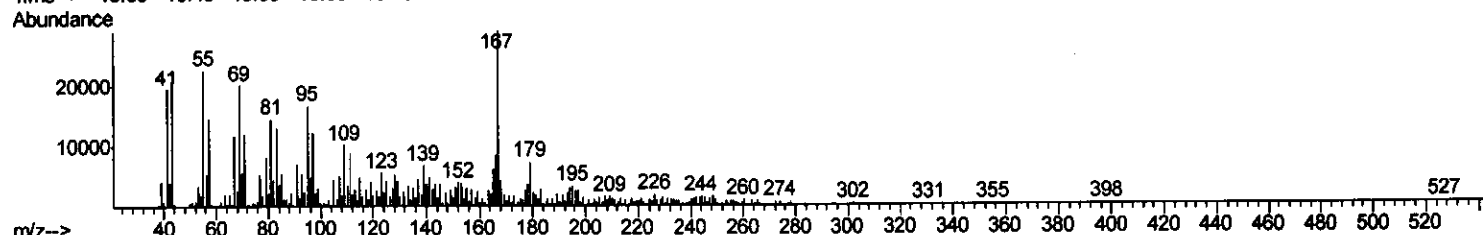
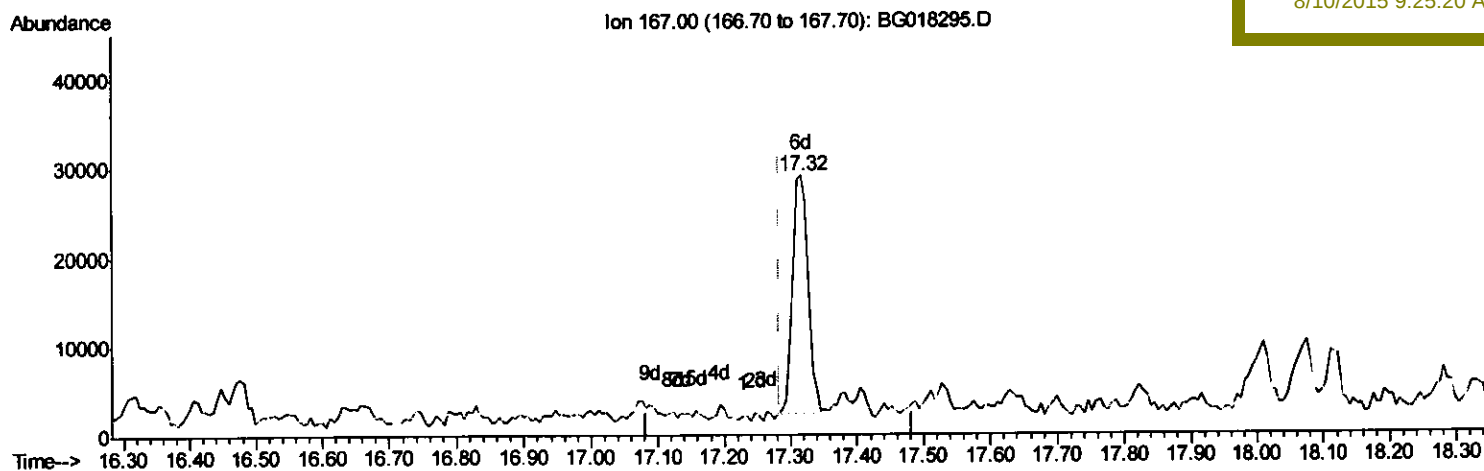
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.316min (+0.034) 5.69ng/ul m

response 43987

T.P
 8/8/15

Ion	Exp%	Act%
167.00	100	100
166.00	22.30	29.32#
139.00	13.30	23.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

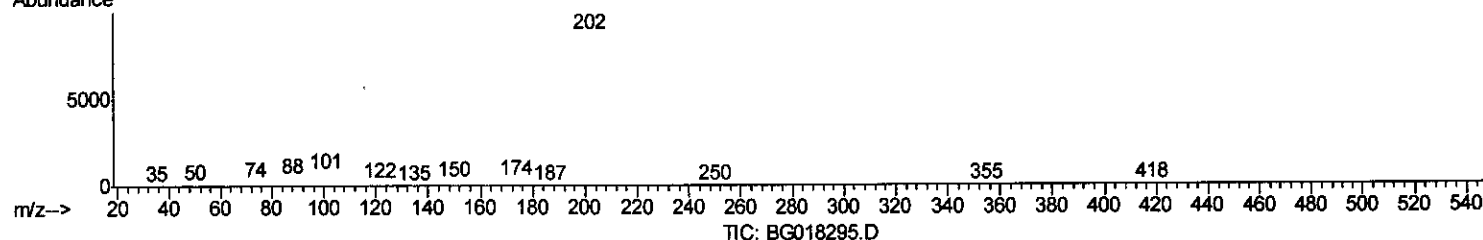
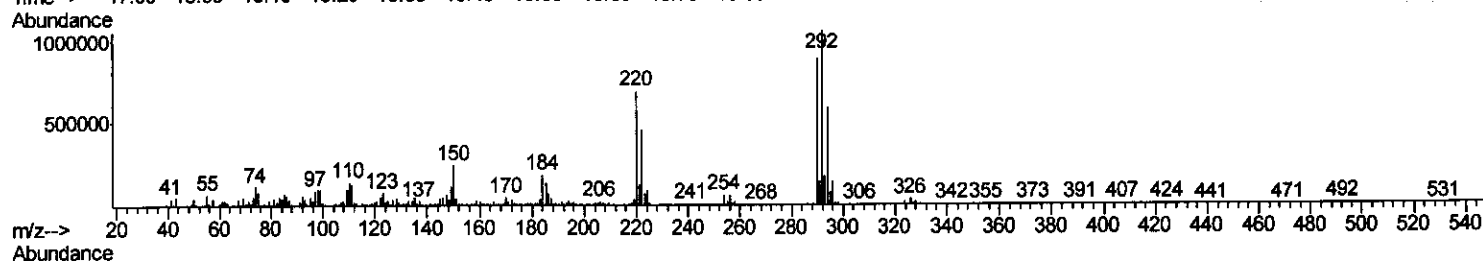
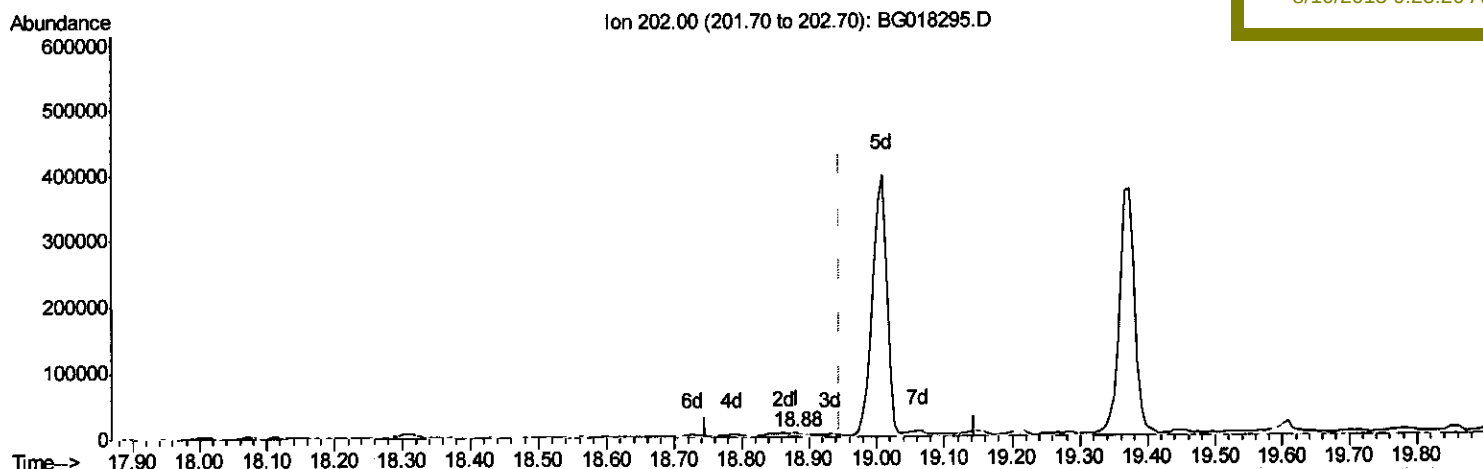
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
Data File : BG018295.D
Acq On : 6 Aug 2015 5:36
Operator : UM/TP
Sample : G3109-12RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8RE

Quant Time: Aug 06 07:37:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

18.879min (-0.066) 0.38ng/ul

response 3886

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	68.07#
100.00	5.70	195.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

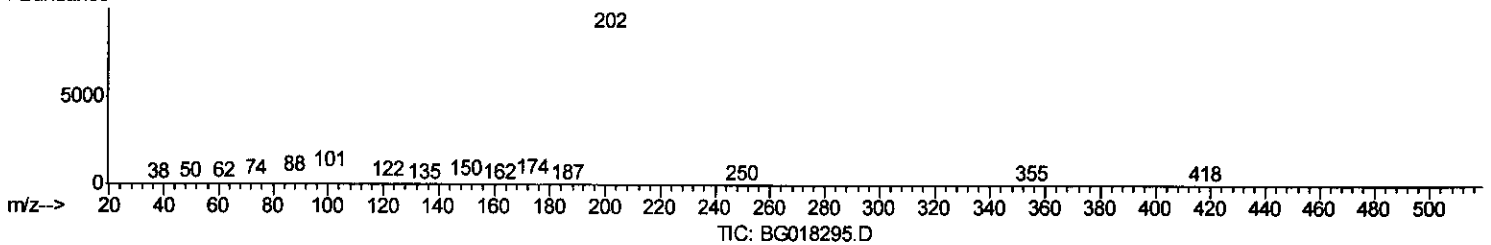
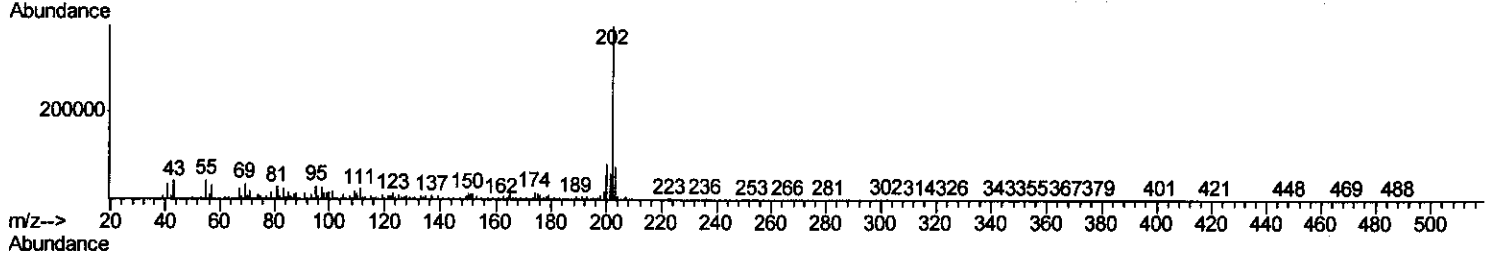
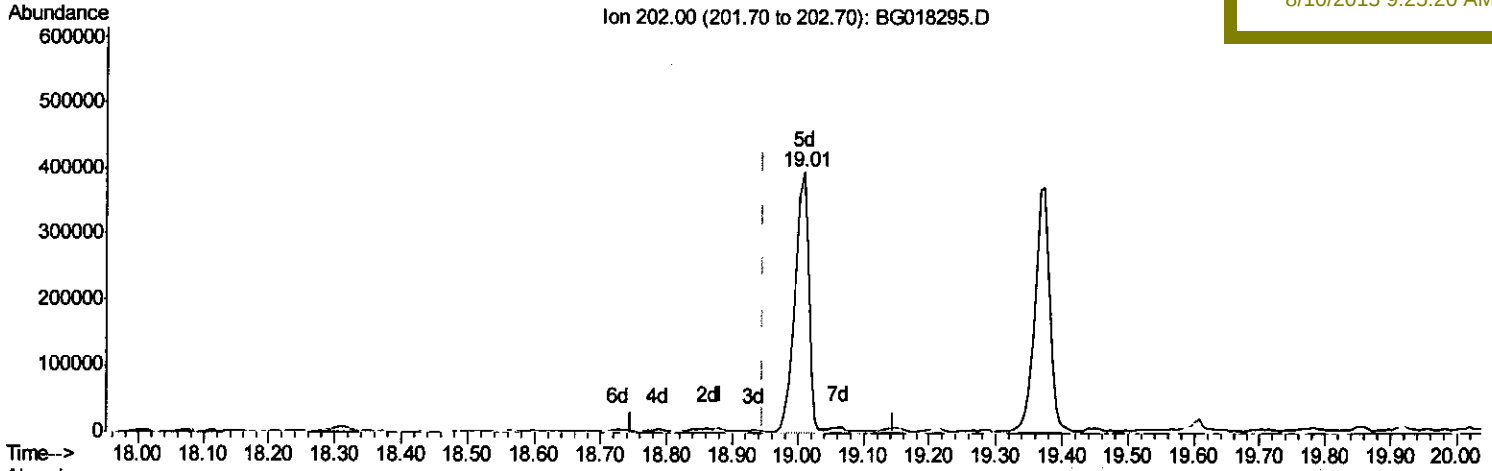
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:37:42 2015
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

19.009min (+0.063) 57.71ng/ul m

response 587303

T.P
 8/8/15

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	5.07#
100.00	5.70	3.89#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
 Data File : BG018295.D
 Acq On : 6 Aug 2015 5:36
 Operator : UM/TP
 Sample : G3109-12RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8RE

Quant Time: Aug 06 07:51:13 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	53657	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	223395	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.13	164	112271	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.90	188	181820m	20.00	ng/ul	0.03
78) Chrysene-d12	21.14	240	369759m	20.00	ng/ul	0.05
86) Perylene-d12	23.22	264	250519m	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.91	96	722	1.16	ng/uL	0.00
5) Phenol-d5	6.66	99	38884	9.21	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.79	67	21517	10.55	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	34818	9.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.19	113	33904	9.52	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	19803	11.45	ng/ul	0.02
22) 2-Nitrophenol-d4	9.32	143	19525	9.76	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.88	165	35839	9.74	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	22883	5.19	ng/ul	0.02
44) Dimethylphthalate-d6	13.54	166	106126	12.22	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	119331	12.12	ng/ul	0.02
52) 4-Nitrophenol-d4	14.38	143	229	0.16	ng/ul	0.01
58) Fluorene-d10	15.14	176	80225	10.28	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.01	188	81409m	10.18	ng/ul	0.03
79) Pyrene-d10	19.34	212	96801m	4.68	ng/ul	0.06
90) Benzo(a)pyrene-d12	23.22	264	239249m	18.35	ng/ul	0.11

Target Compounds

					Qvalue
11) 2-Methylphenol	7.92	108	4490	1.31	ng/ul 98
14) Acetophenone	8.24	105	27397m	4.78	ng/ul
16) 4-Methylphenol	8.25	108	20825	5.43	ng/ul 94
24) 2,4-Dimethylphenol	9.44	107	67627m	15.03	ng/ul
28) Naphthalene	10.28	128	169612	16.15	ng/ul# 96
34) 2-Methylnaphthalene	11.91	142	79712	9.46	ng/ul 98
35) 1-Methylnaphthalene	12.13	142	55490	6.81	ng/ul 98
41) 1,1'-Biphenyl	12.95	154	40559	5.24	ng/ul 97
45) Dimethylphthalate	13.59	163	64786	7.48	ng/ul# 96
50) Acenaphthene	14.20	153	82203	12.53	ng/ul 97
54) Dibenzofuran	14.54	168	74983	7.76	ng/ul 98
59) Fluorene	15.19	166	88170	10.40	ng/ul# 89
70) Phenanthrene	16.95	178	470010	51.22	ng/ul 99
72) Anthracene	17.04	178	124879m	13.64	ng/ul
75) Carbazole	17.32	167	43987m	5.69	ng/ul
77) Fluoranthene	19.01	202	587303m	57.71	ng/ul
80) Pyrene	19.37	202	607355m	23.62	ng/ul
83) Benzo(a)anthracene	21.12	228	505650m	25.91	ng/ul
84) Bis(2-ethylhexyl)phthalate	21.06	149	3123353m	260.28	ng/ul
85) Chrysene	21.12	228	512815m	29.24	ng/ul
88) Benzo(b)fluoranthene	22.69	252	731421m	47.61	ng/ul
89) Benzo(k)fluoranthene	22.73	252	450141m	30.55	ng/ul
91) Benzo(a)pyrene	23.17	252	337828m	25.18	ng/ul

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080515\
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Misc :
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Quant Time: Aug 06 07:51:13 2015
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QLast Update : Thu Aug 06 03:42:27 2015
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Instrument :
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ClientSampleId :
C01P8RE

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed