

Quantitation Report (Qedit)

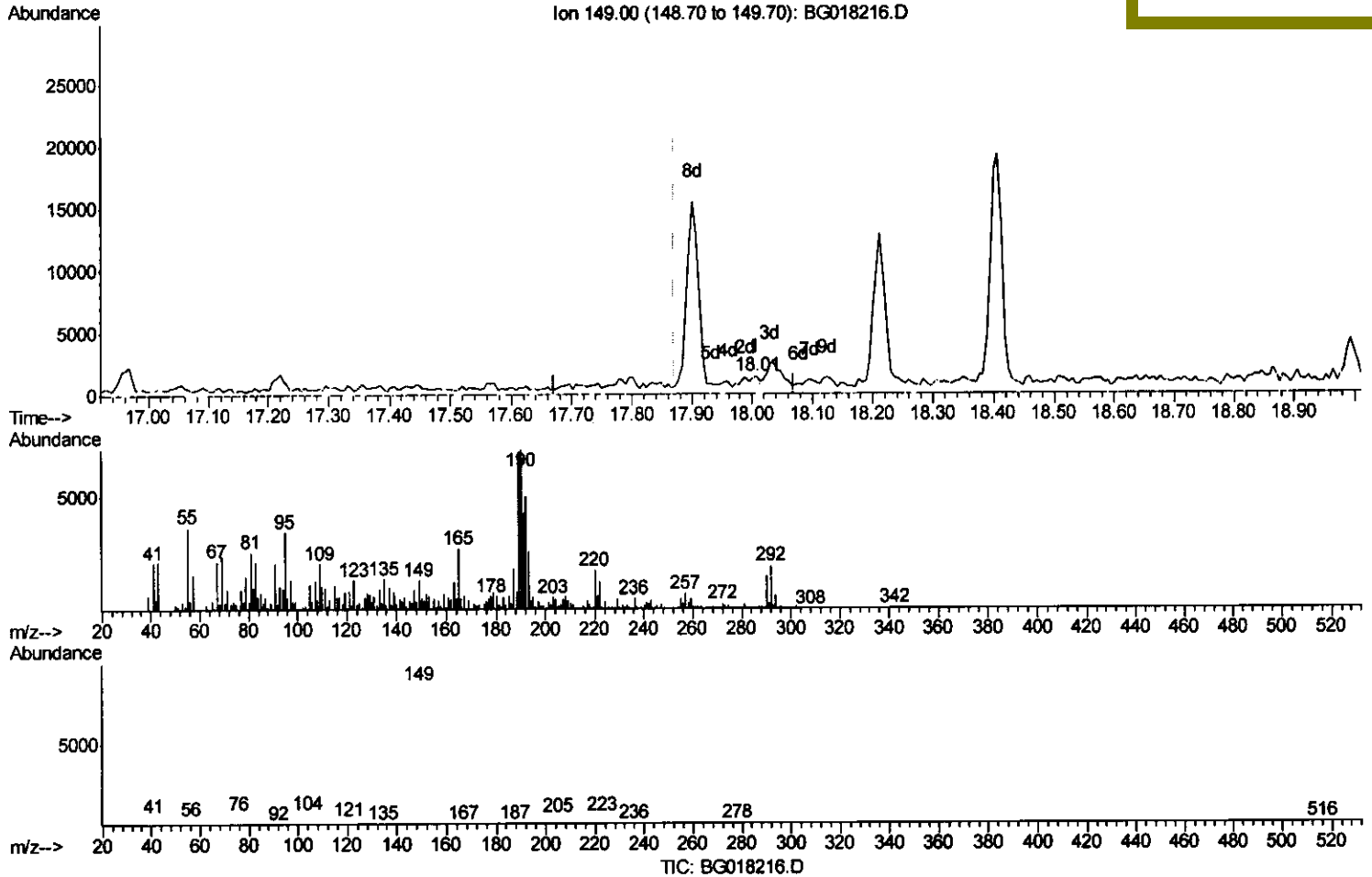
Data Path : Z:\HPCHEM1\BNA_G\Data\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 12 03:41:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 09:29:11 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(76) Di-n-butylphthalate

18.007min (+0.136) 0.10ng/ul

response 573

Ion	Exp%	Act%
149.00	100	100
150.00	9.60	45.09#
104.00	4.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

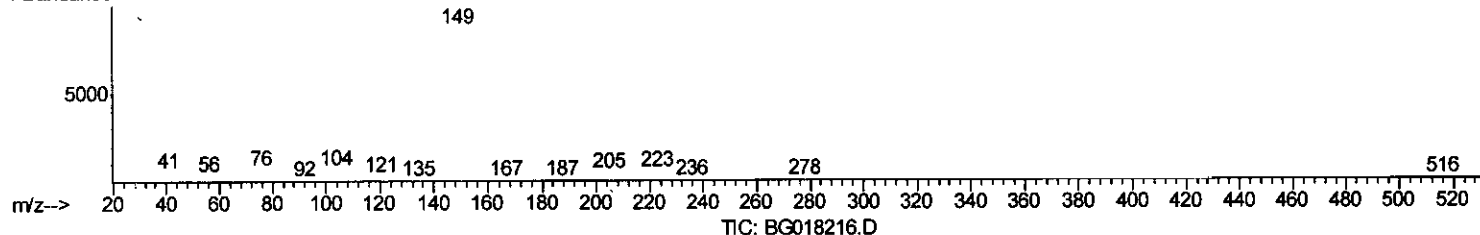
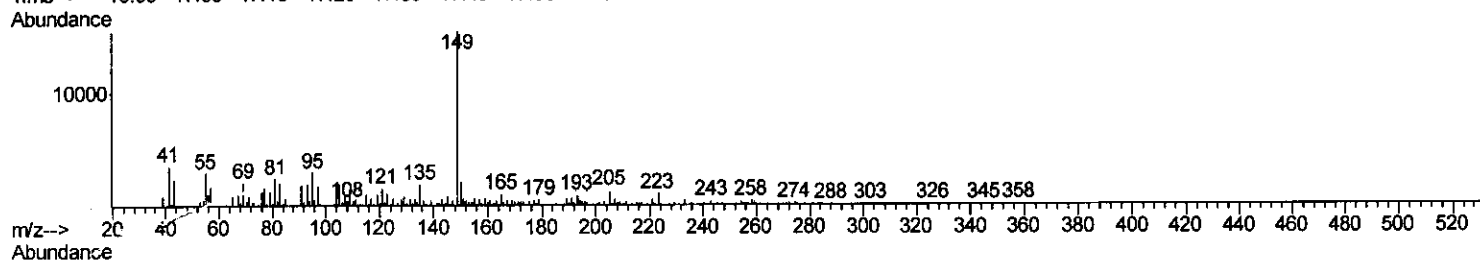
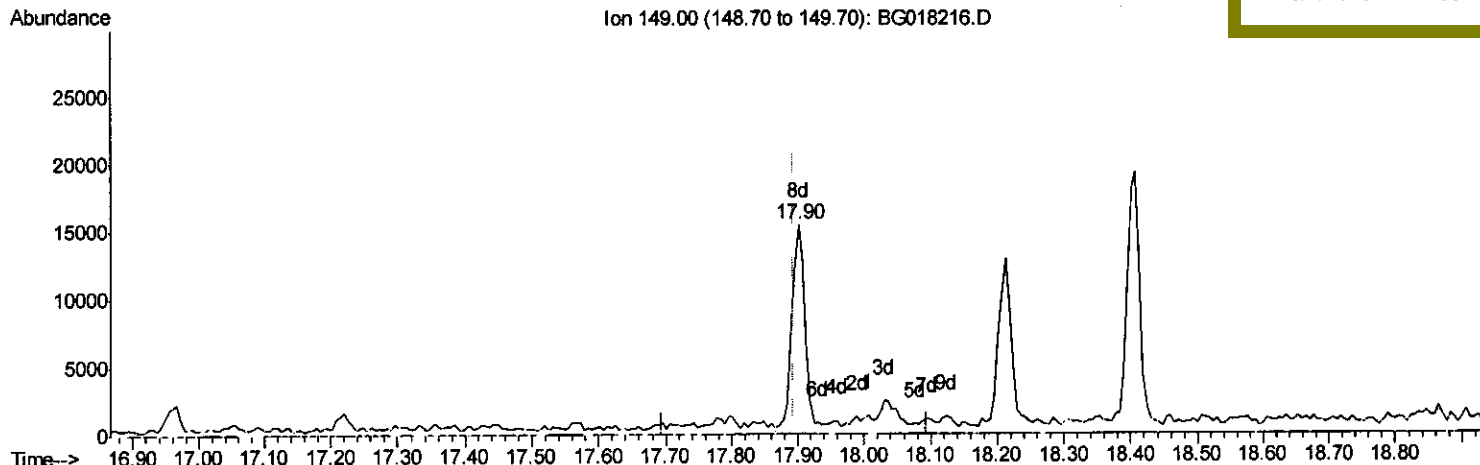
Data Path : Z:\HPCHEM1\BNA_G\Data\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C01N7

Quant Time: Aug 03 05:15:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(76) Di-n-butylphthalate

17.901min (+0.007) 1.76ng/ul m

response 21721

UM
 08/11/15

Ion	Exp%	Act%
149.00	100	100
150.00	9.60	14.78#
104.00	4.50	10.91#
0.00	0.00	0.00

(LSC Reviewed)

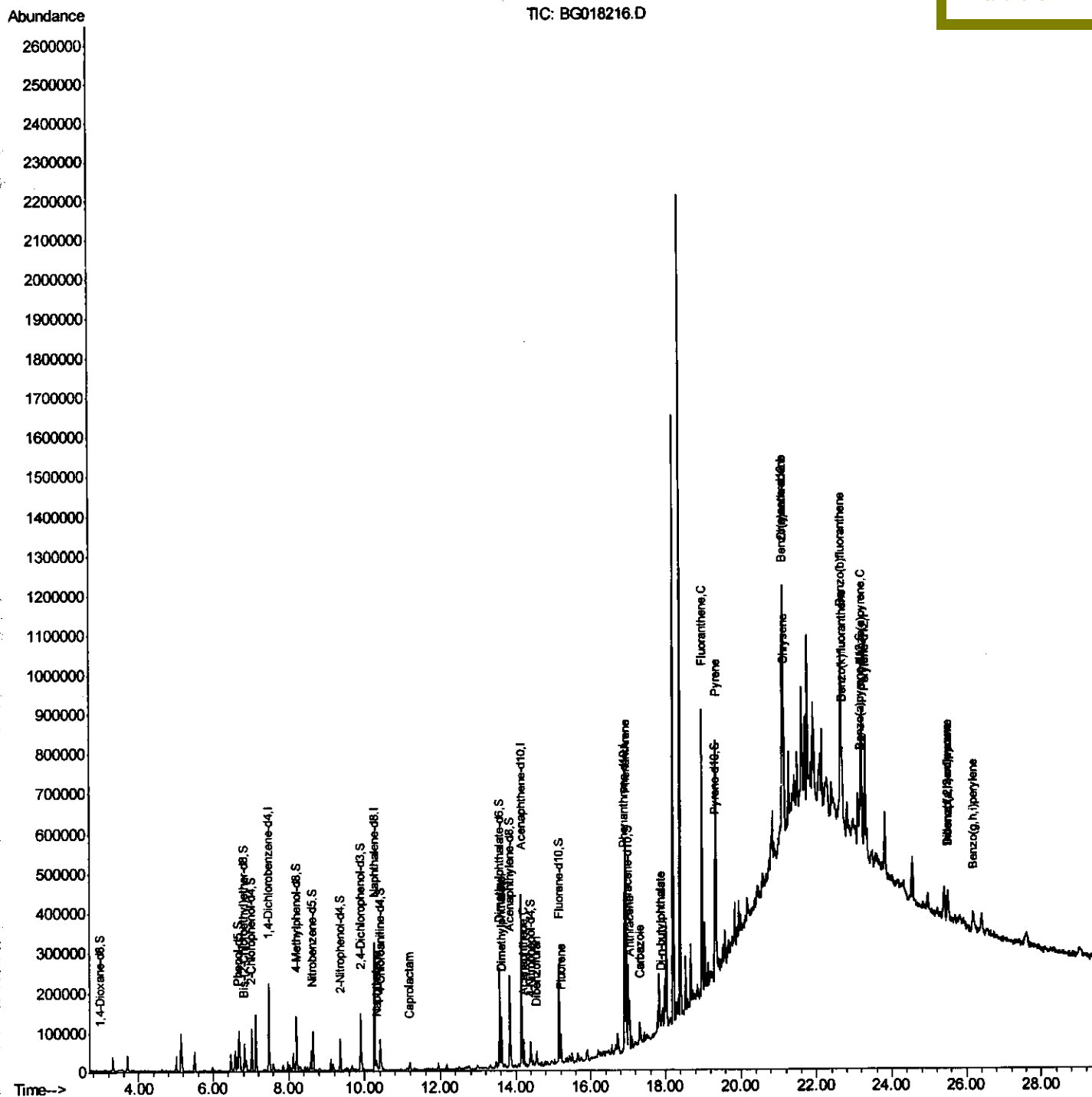
```
Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\  
Data File : BG018216.D  
Acq On    : 1 Aug 2015 12:13  
Operator  : TP/UM  
Sample    : G3073-07  
Misc      :  
ALS Vial  : 36 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 05:15:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations

MMDadoda
8/4/2015 12:24:33 PM



Quantitation Report (Qedit)

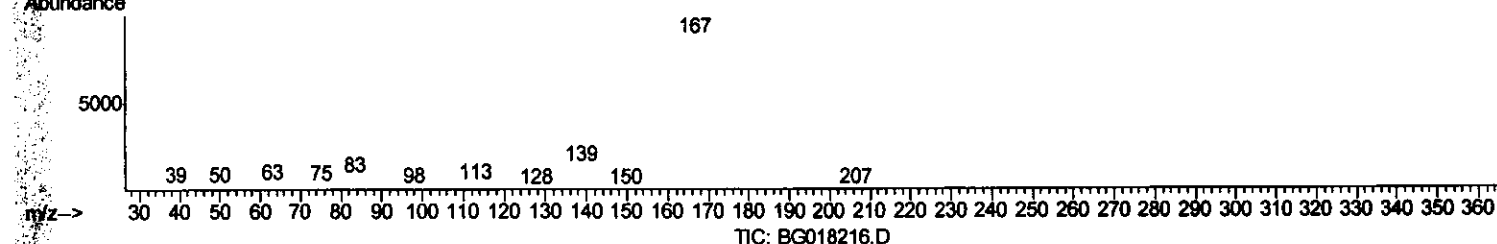
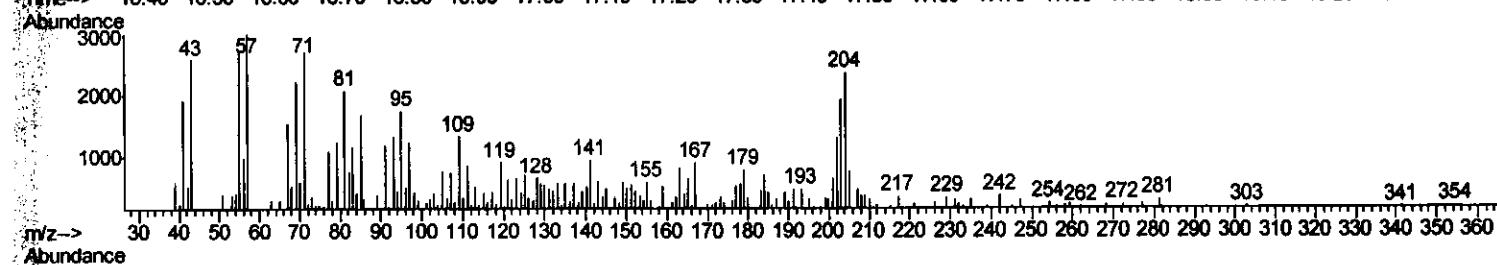
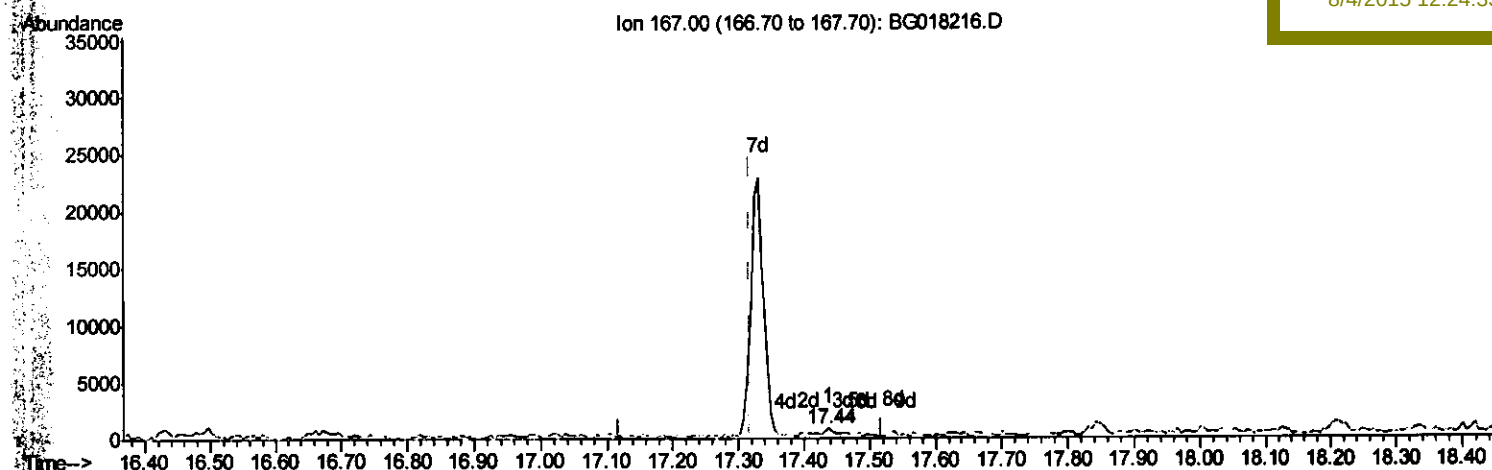
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 02:01:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(75) Carbazole

17.437min (+0.119) 0.18ng/ul

response 829

Ion	Exp%	Act%
167.00	100	100
166.00	21.90	22.66
139.00	12.60	50.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

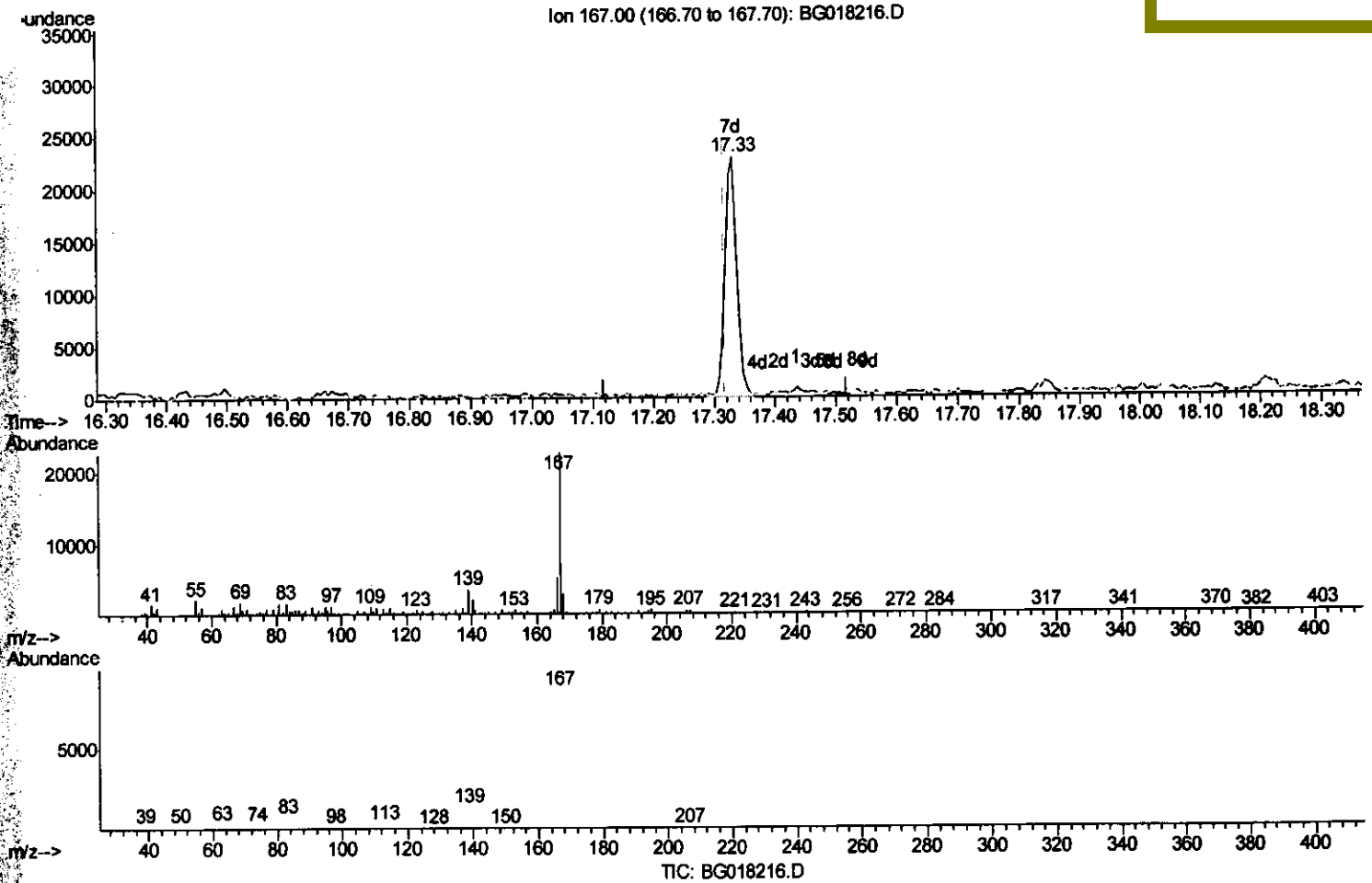
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(75) Carbazole

17.331min (+0.013) 6.99ng/ul m

response 31612

Ion Exp% Act%

167.00 100 100

166.00 21.90 23.23

139.00 12.60 15.92#

0.00 0.00 0.00

Sum
 06/11/15

Quantitation Report (Qedit)

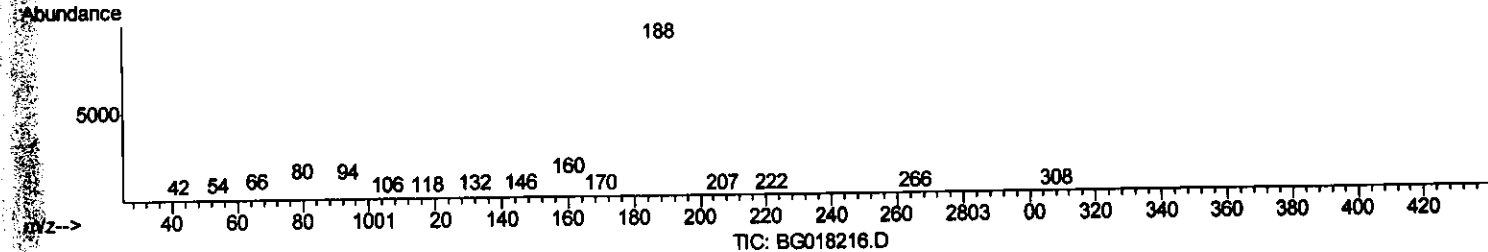
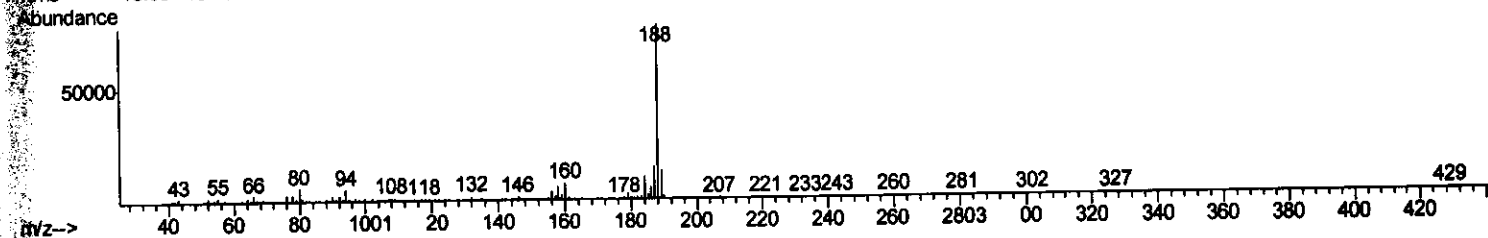
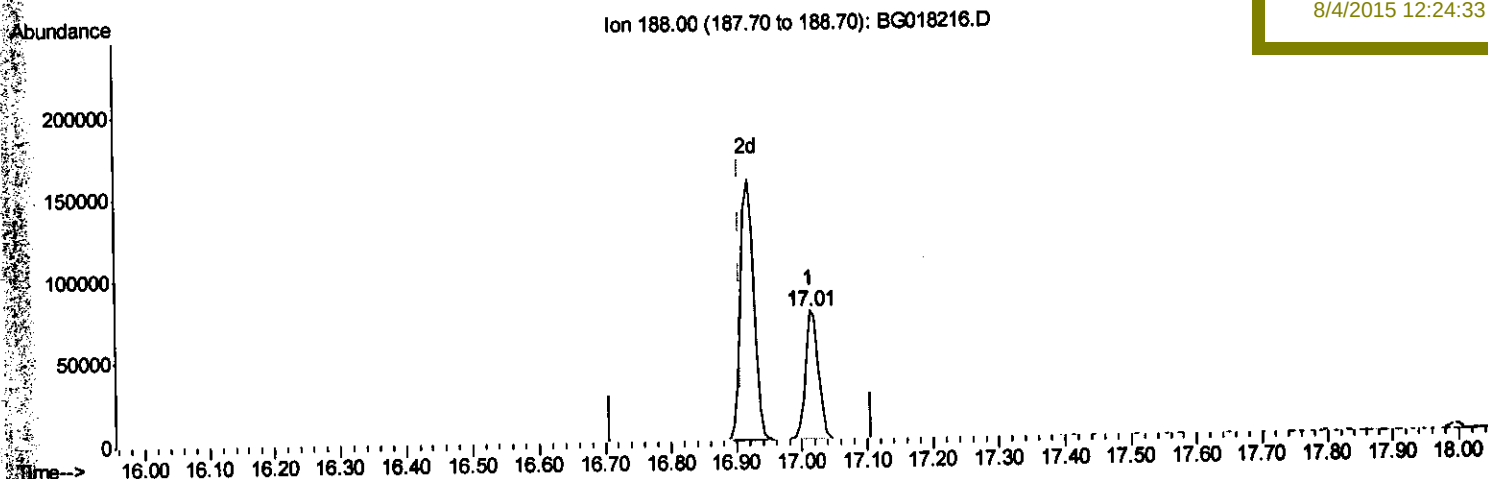
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:08:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(62) Phenanthrene-d10 (I)

17.014min (+0.107) 20.00ng/ul

response 107631

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.99
80.00	7.40	7.61
0.00	0.00	0.00

Quantitation Report (Qedit)

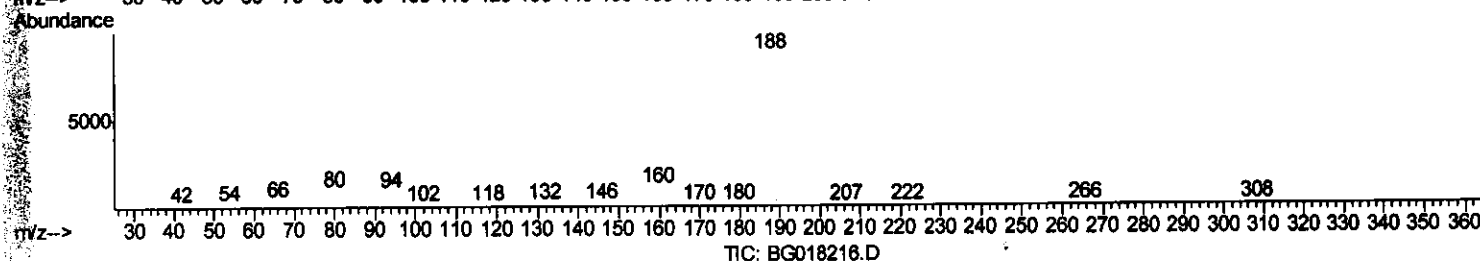
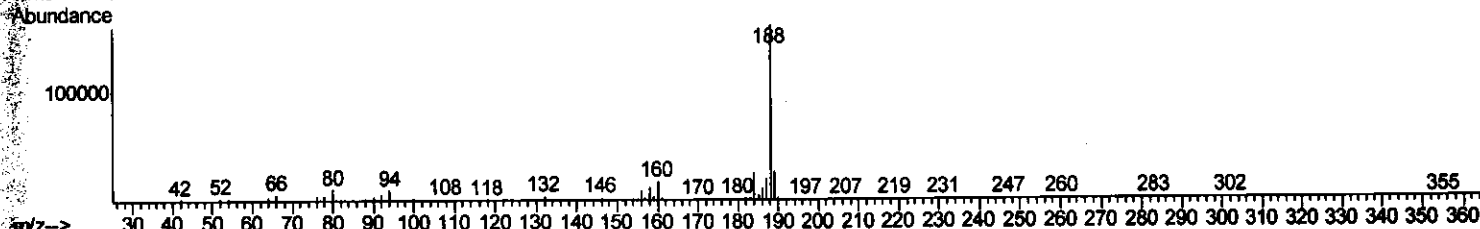
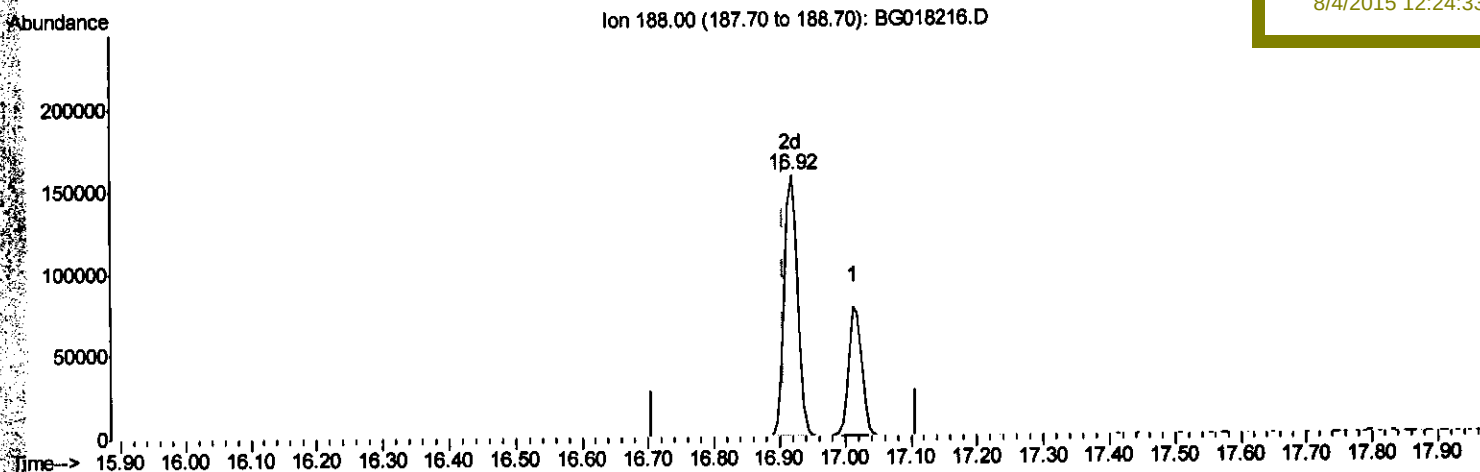
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:08:58 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(62) Phenanthrene-d10 (I)

16.920min (+0.013) 20.00ng/ul m

response 221347

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	6.19#
80.00	7.40	6.71
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

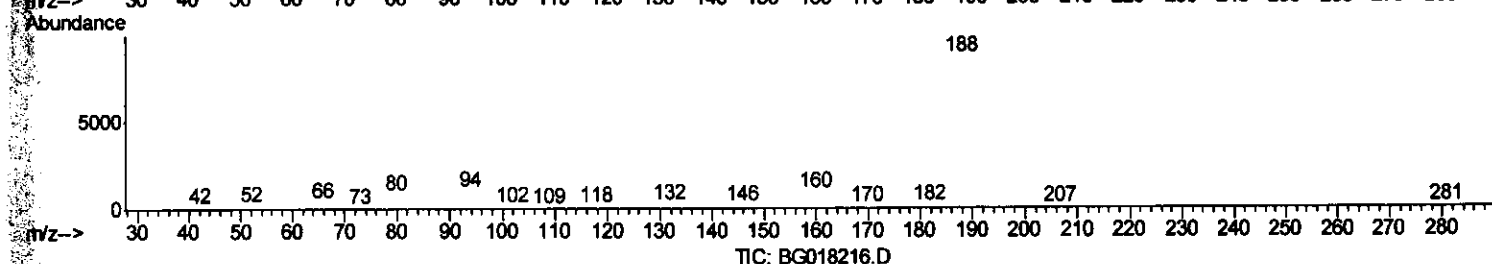
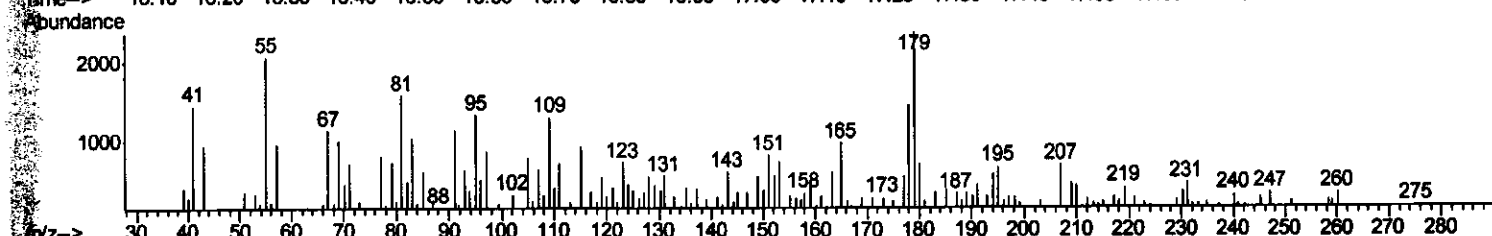
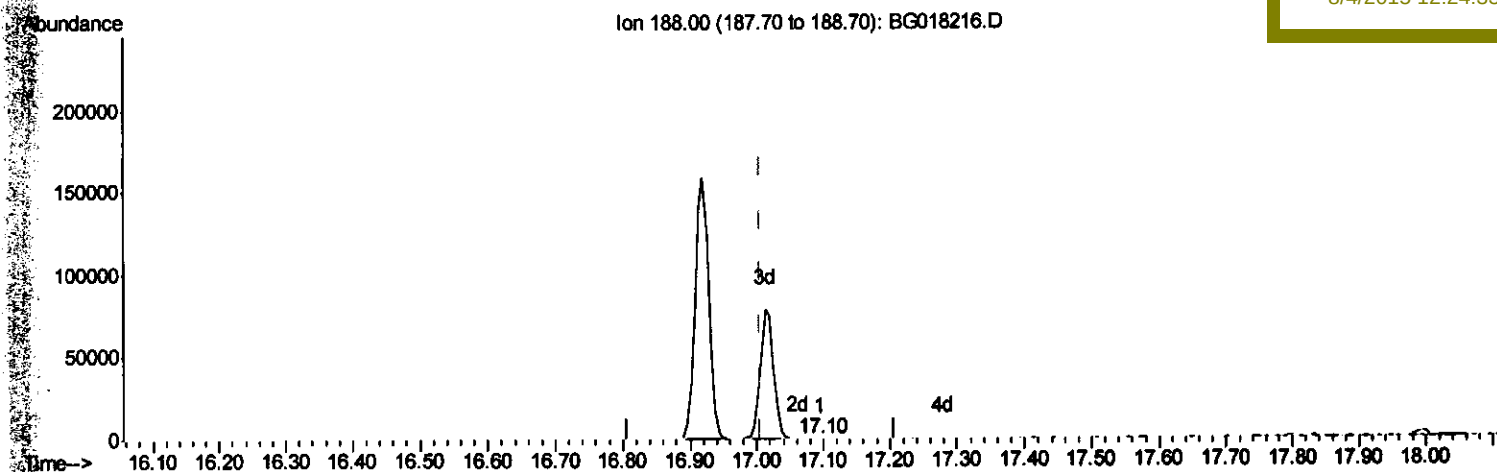
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 02:01:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(71) Anthracene-d10 (S)

17.096min (+0.089) 0.04ng/ul

response 203

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	160.76#
80.00	6.10	104.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

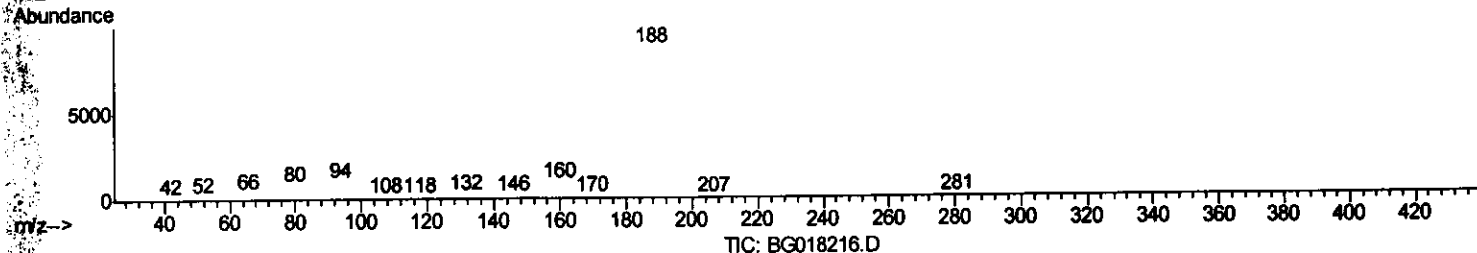
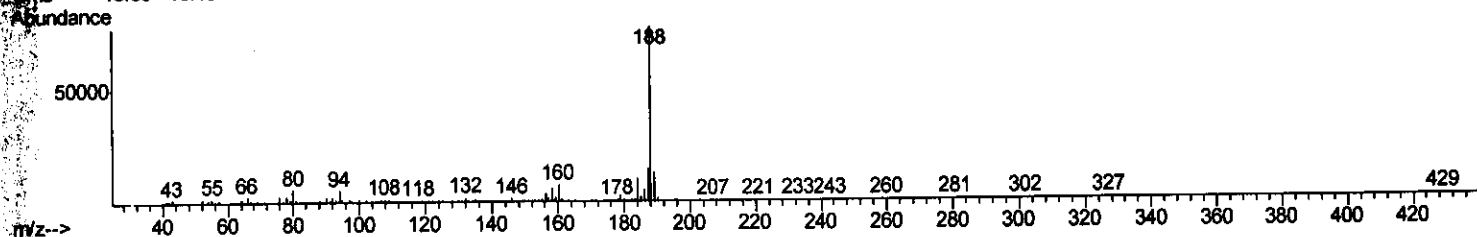
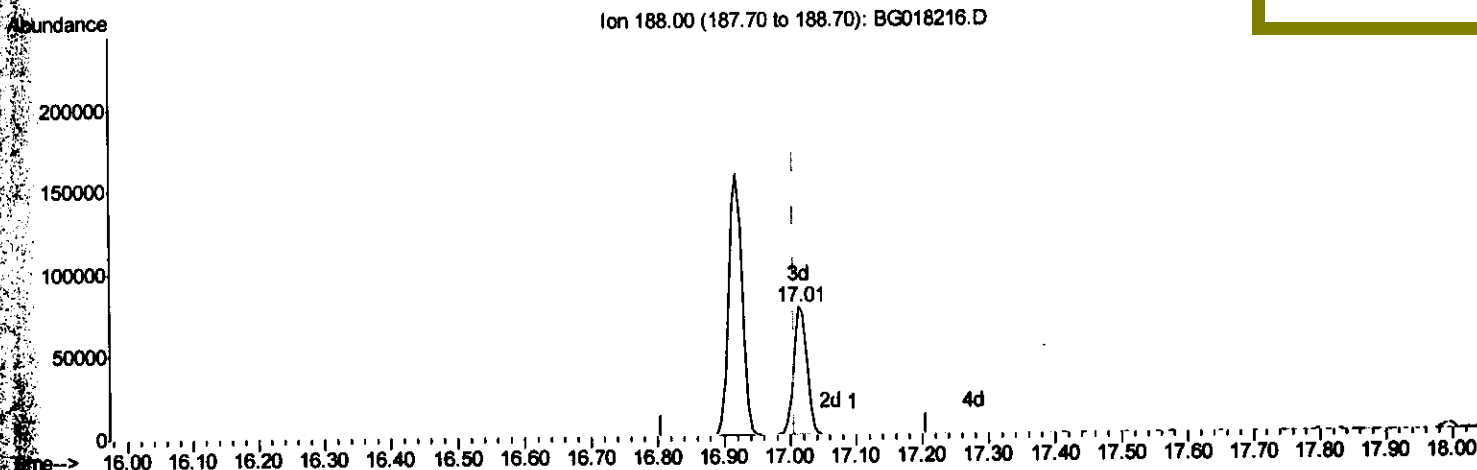
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(71) Anthracene-d10 (S)

17.014min (+0.007) 23.00ng/ul m

response 107631

Ion	Exp%	Act%
188.00	100	100
94.00	8.10	6.99
80.00	6.10	7.61#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

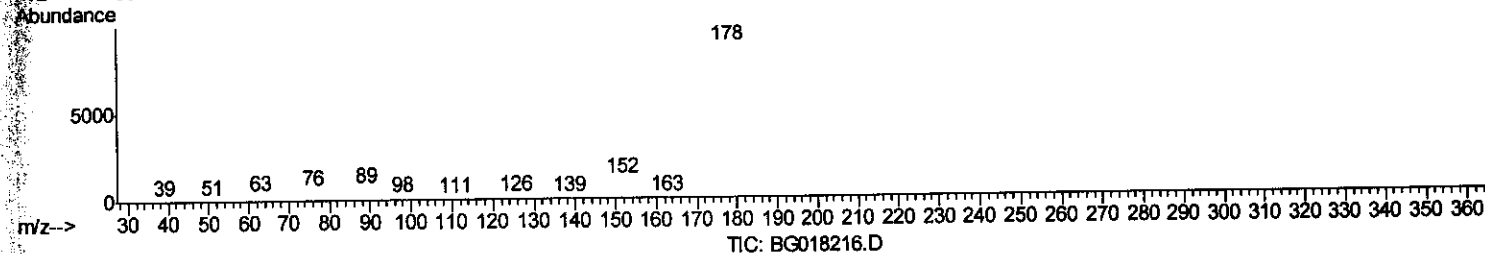
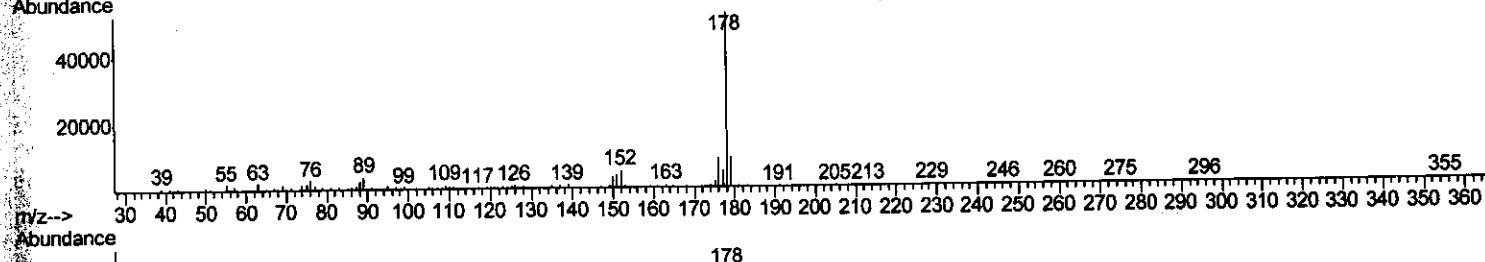
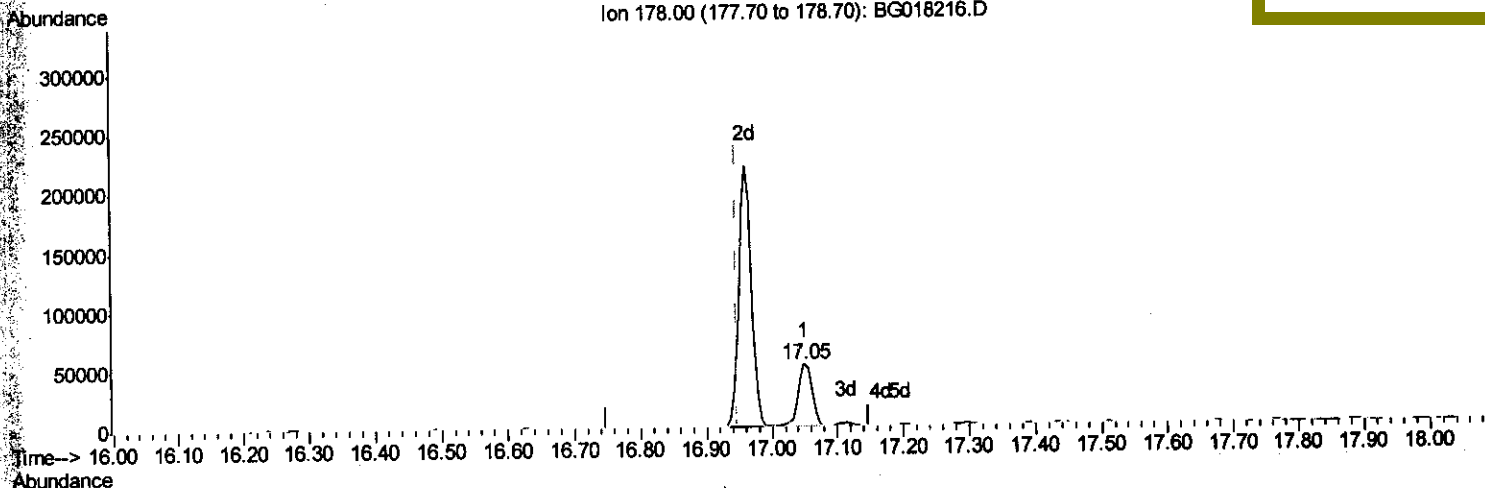
Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM

Ion 178.00 (177.70 to 178.70): BG018216.D



(70) Phenanthrene

17.049min (+0.101) 13.98ng/ul

response 76445

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.06
176.00	20.00	16.66
0.00	0.00	0.00

Quantitation Report (Qedit)

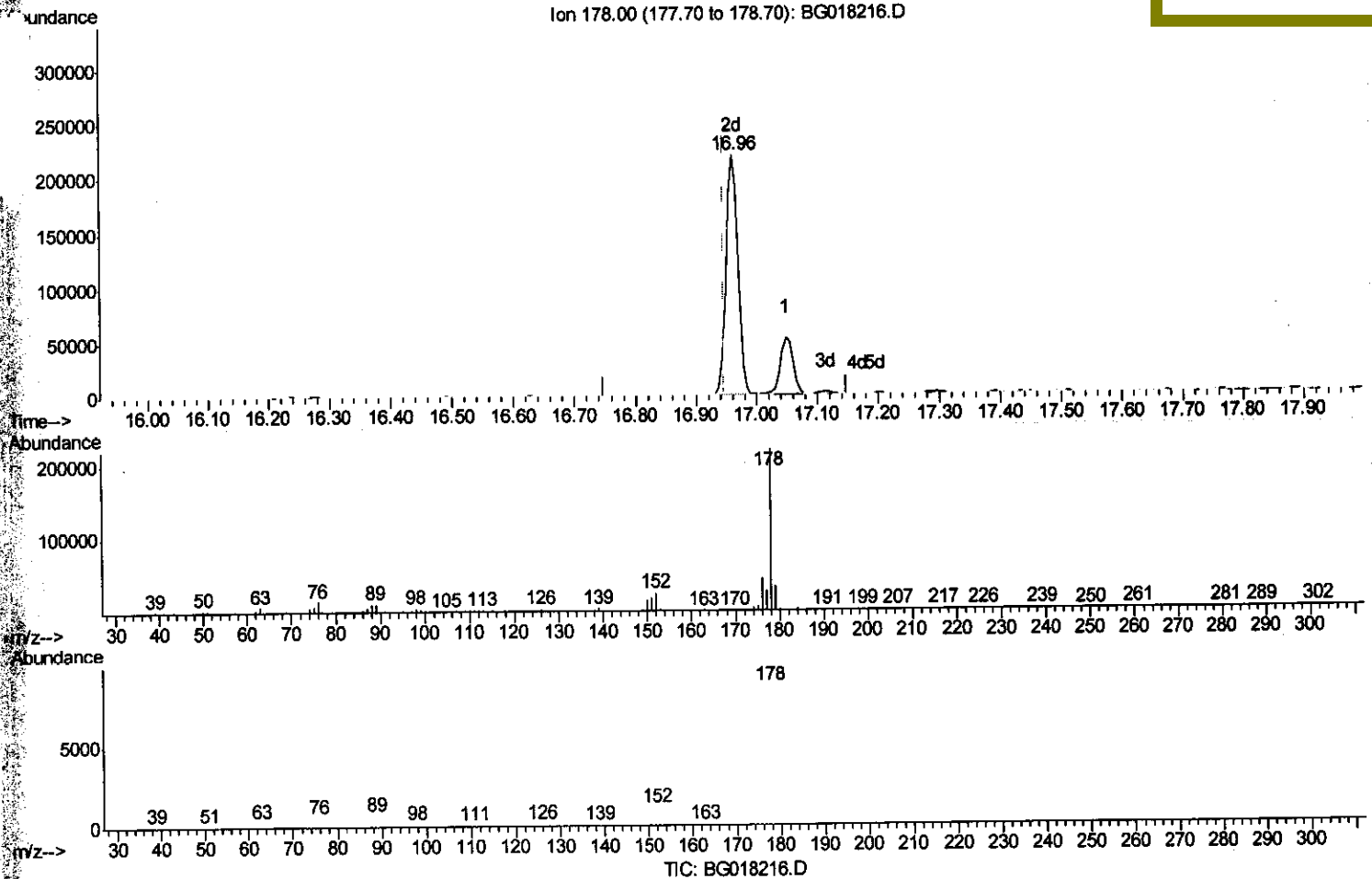
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(70) Phenanthrene

16.961min (+0.013) 54.73ng/ul m

response 299273

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.01
176.00	20.00	19.66
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

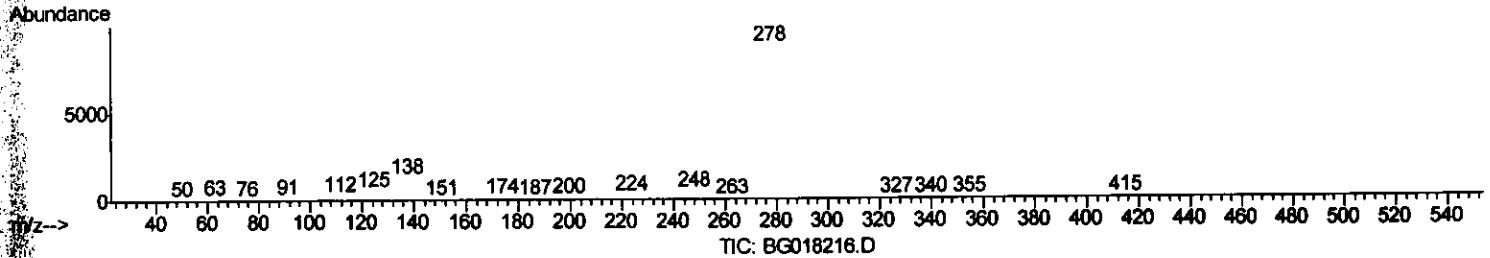
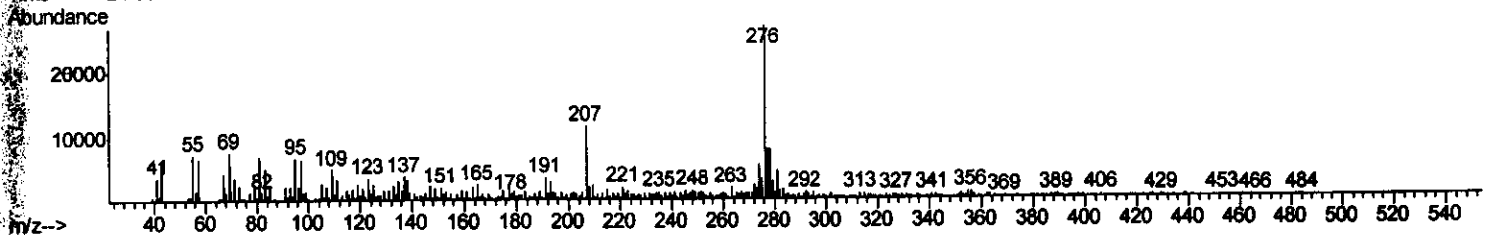
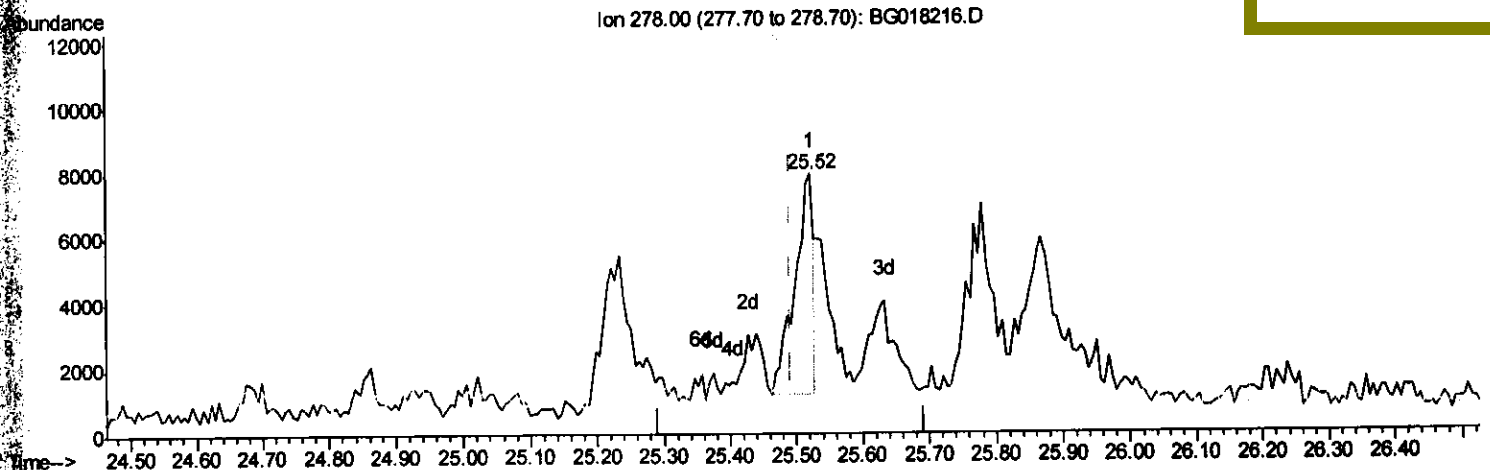
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(93) Dibenzo(a,h)anthracene

25.521min (+0.031) 1.08ng/ul

response 13213

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	15.97
279.00	25.00	36.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

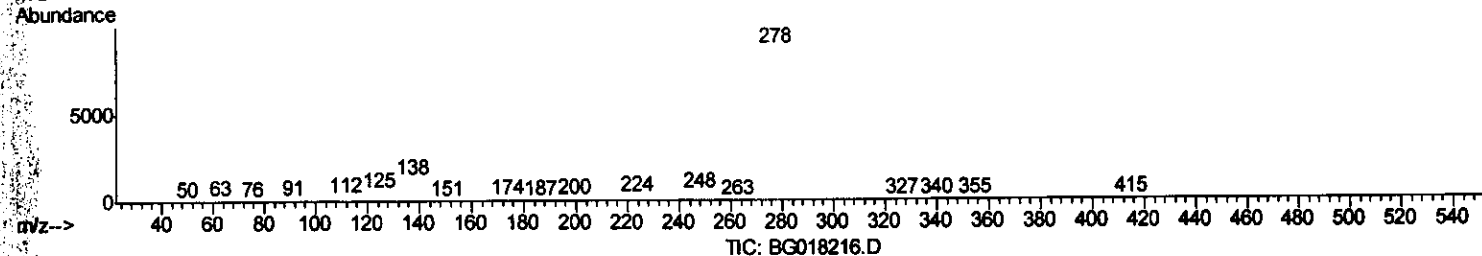
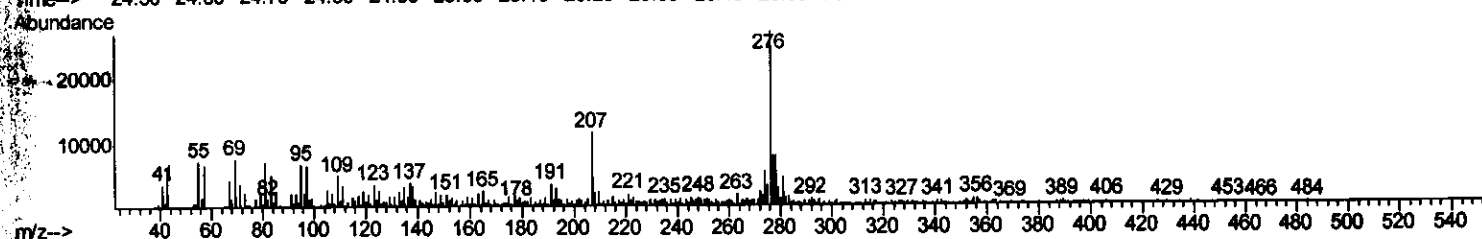
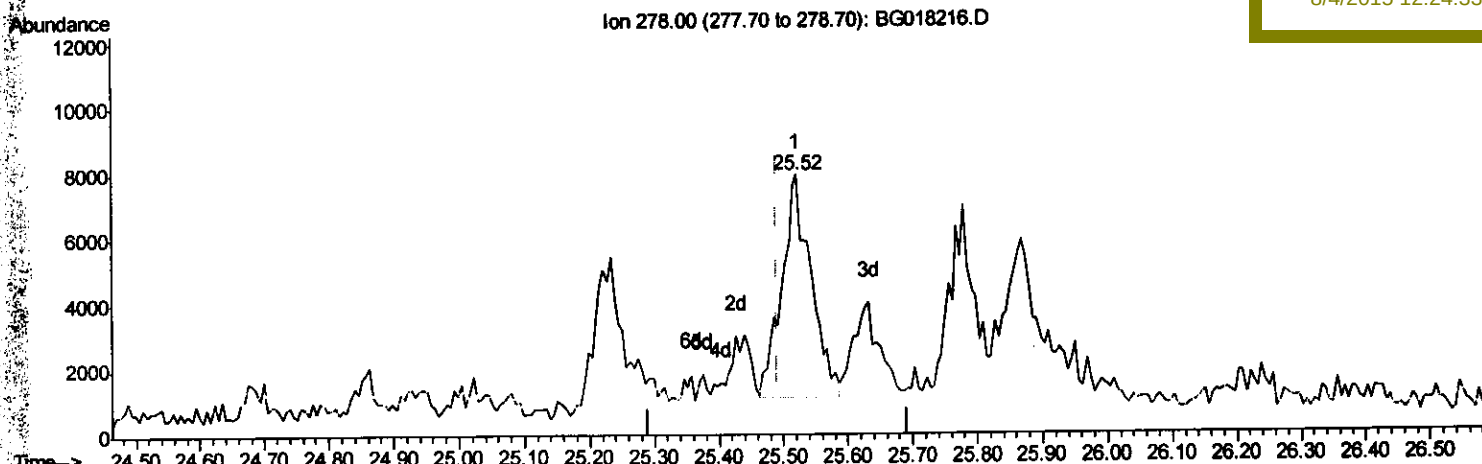
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(93) Dibenzo(a,h)anthracene

25.521min (+0.031) 1.76ng/ul m

response 21476

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	15.97
279.00	25.00	36.10#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

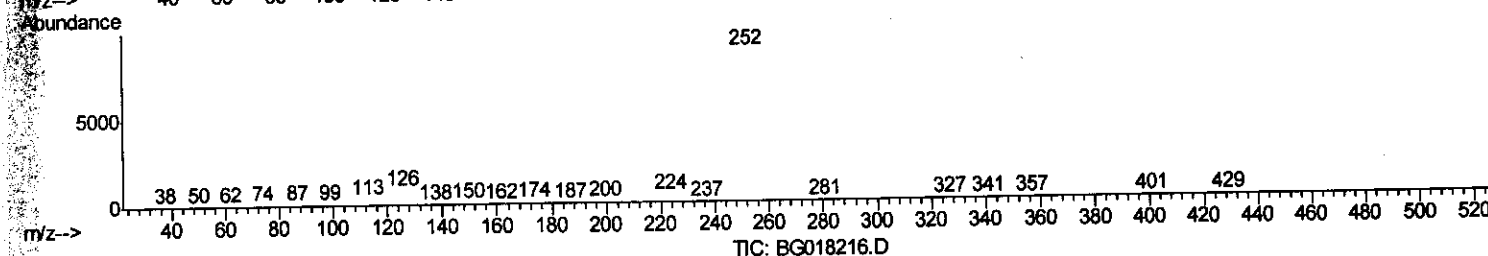
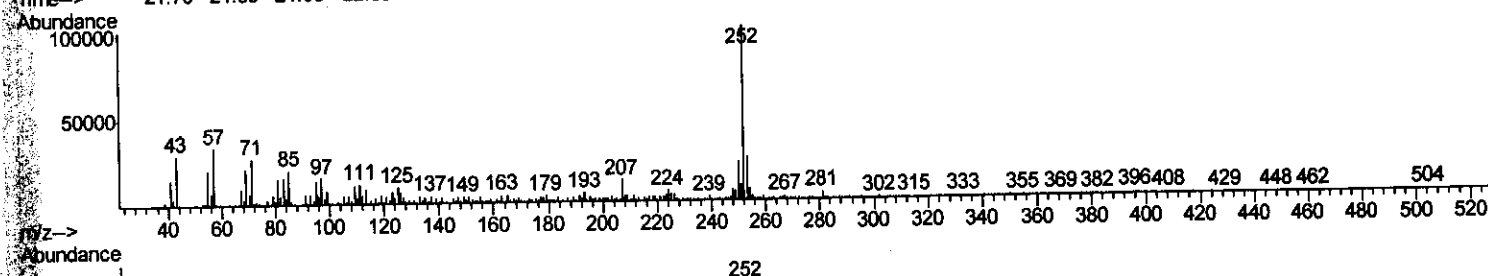
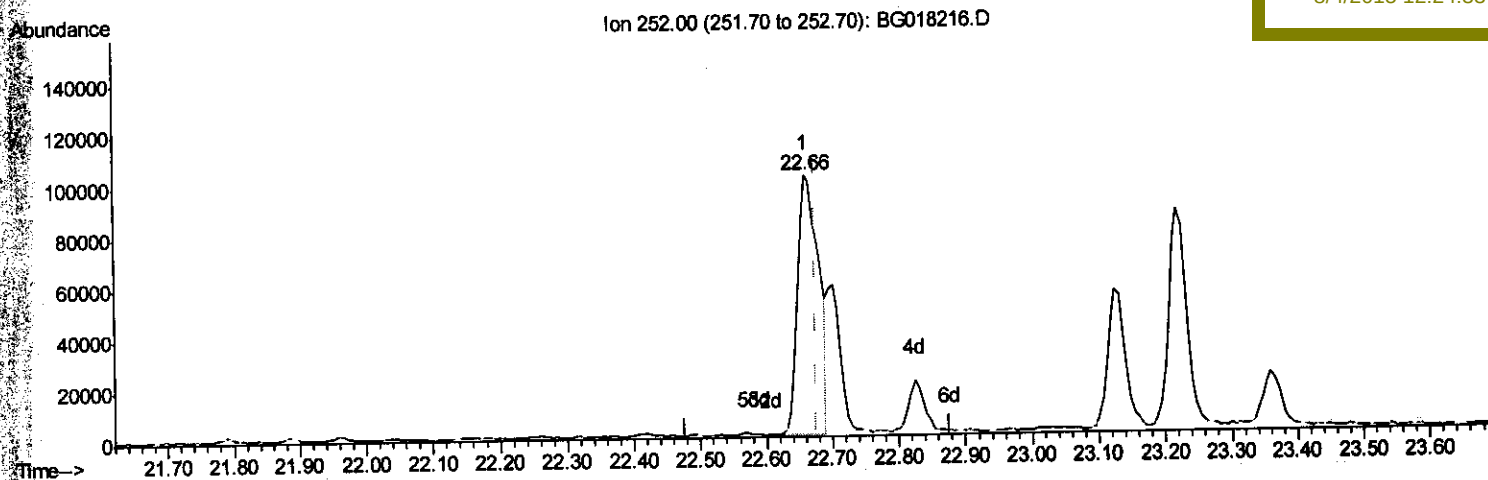
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 05:06:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(89) Benzo(k)fluoranthene

22.660min (-0.016) 17.95ng/ul

response 227686

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	24.67
125.00	9.40	9.69
0.00	0.00	0.00

Quantitation Report (Qedit)

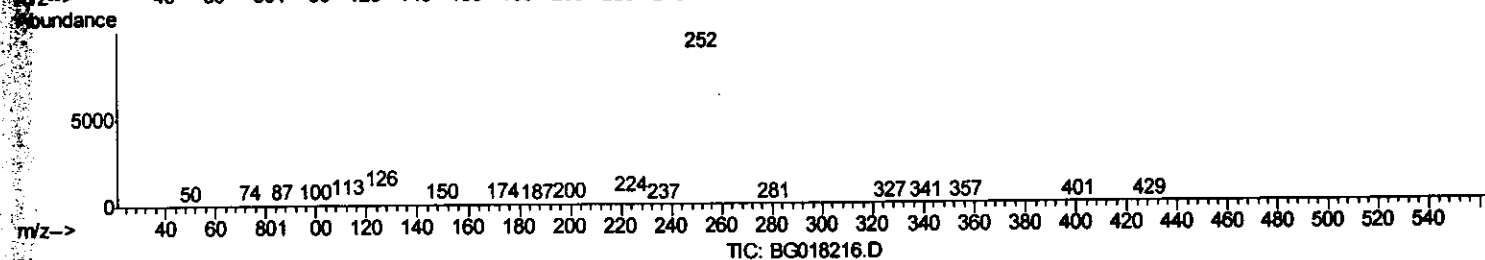
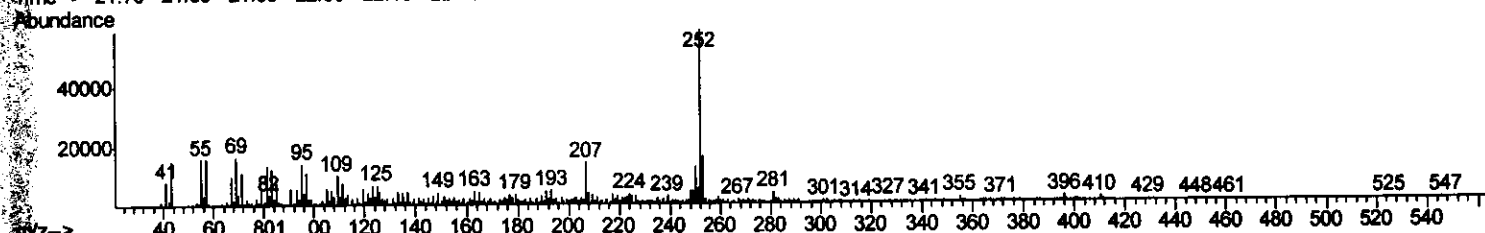
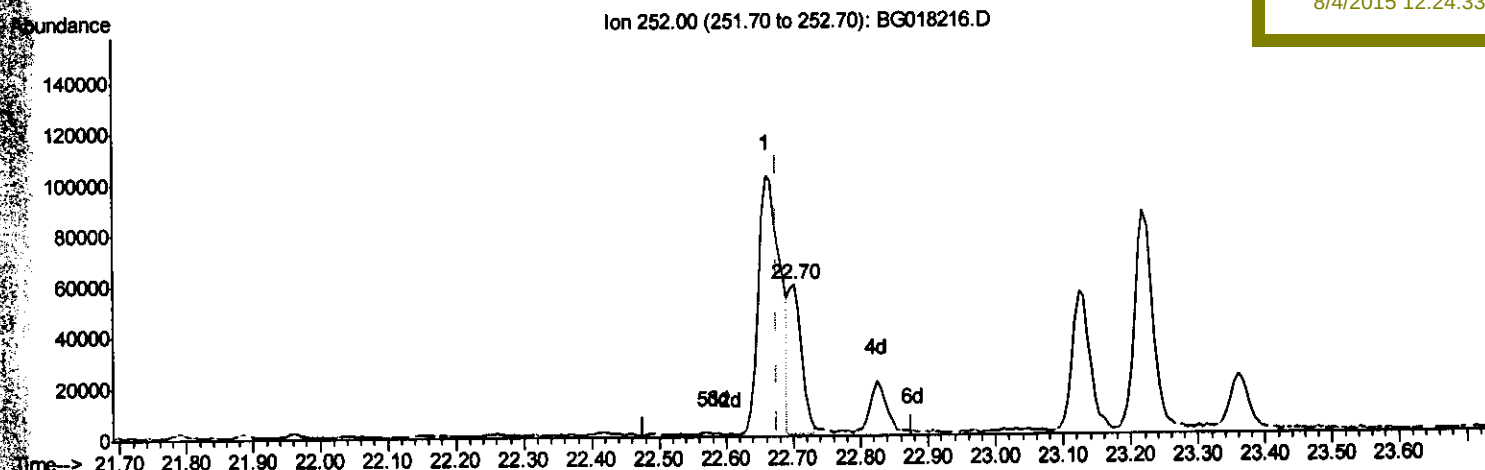
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 03 05:06:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01N7

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(89) Benzo(k)fluoranthene

22.701min (+0.025) 6.11ng/ul m

response 77498

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	27.67#
125.00	9.40	11.51#
0.00	0.00	0.00

SUM
08/11/15

Quantitation Report (Qedit)

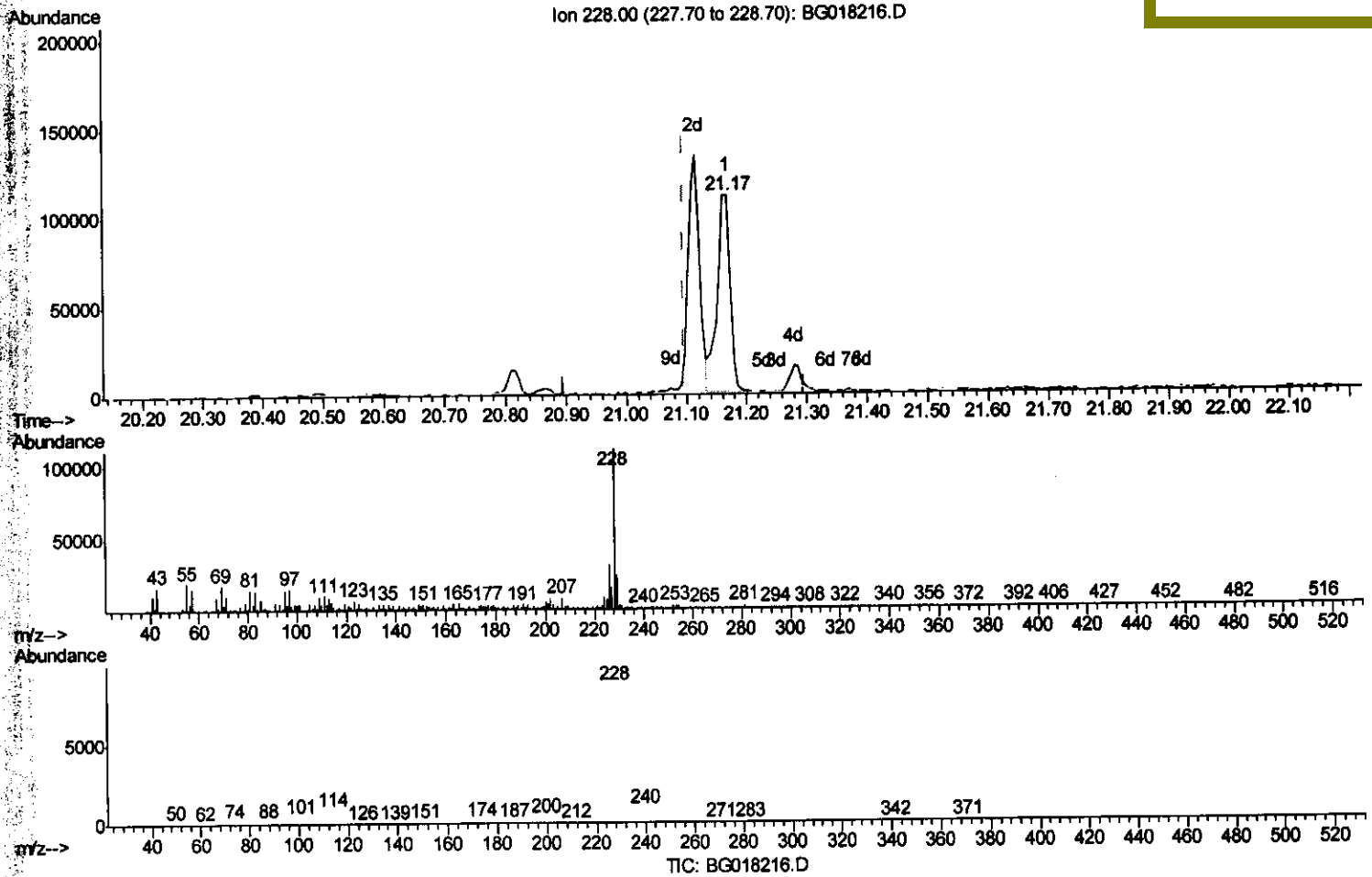
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(83) Benzo(a)anthracene

21.168min (+0.072) 13.52ng/ui

response 164873

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.65
226.00	26.90	28.02
0.00	0.00	0.00

Quantitation Report (Qedit)

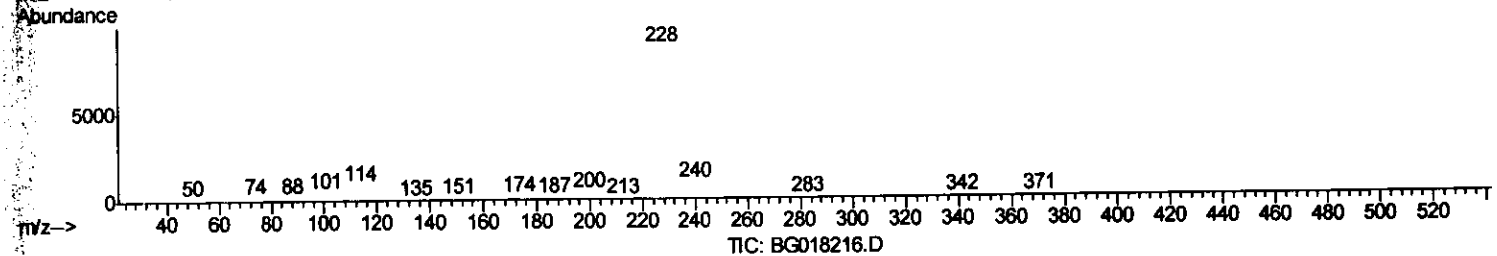
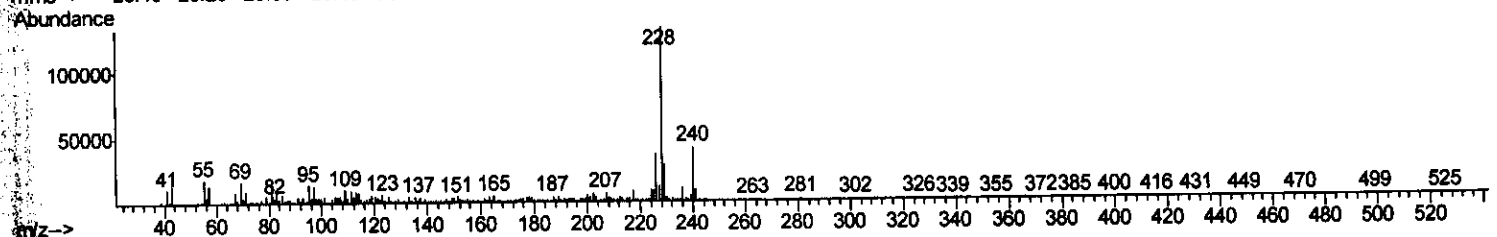
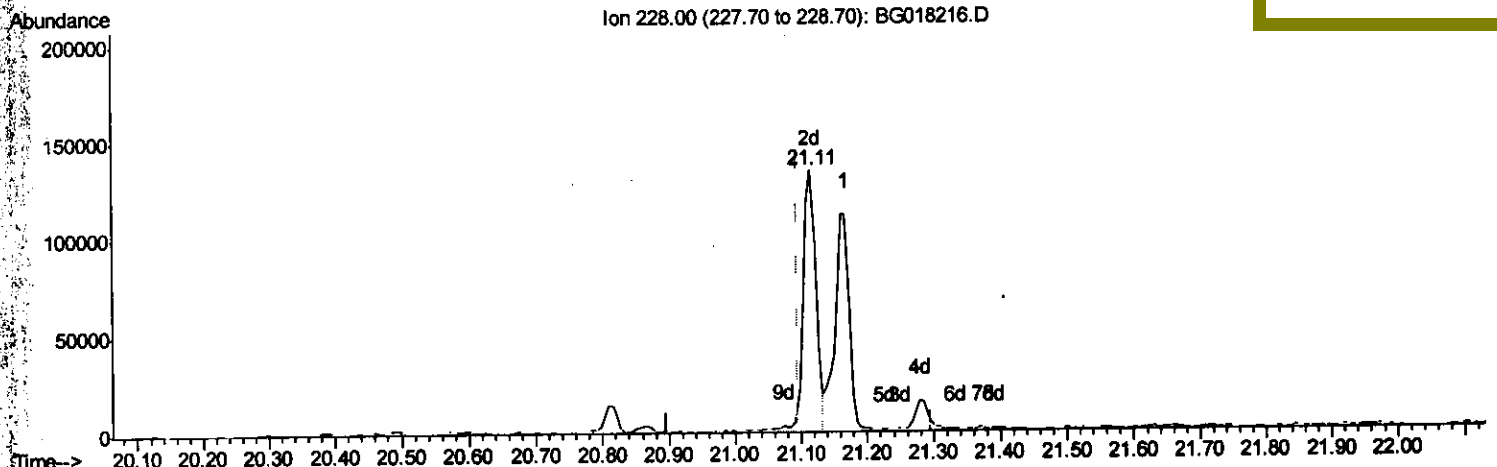
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(83) Benzo(a)anthracene

21.115min (+0.019) 14.77ng/ul m

response 180160

Ion	Exp%	Act%
228.00	100	100
229.00	20.60	21.29
226.00	26.90	27.71
0.00	0.00	0.00

UM
 08/11/15

Quantitation Report (Qedit)

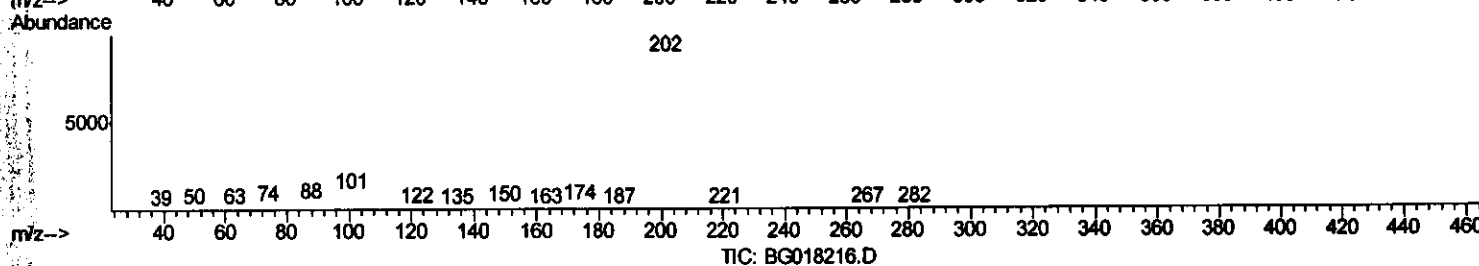
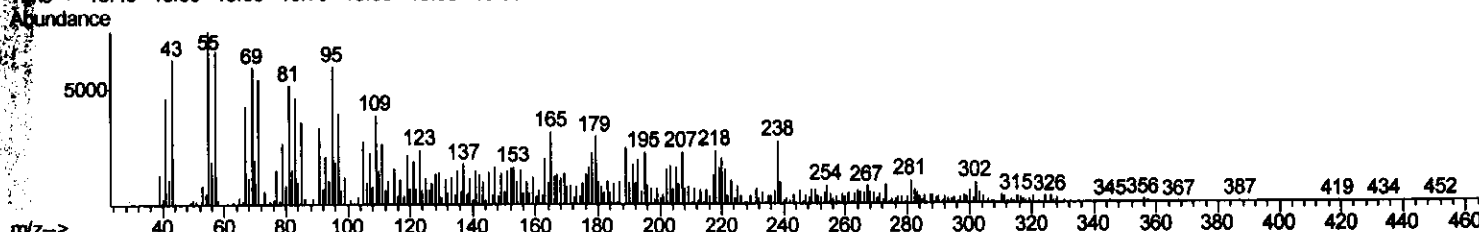
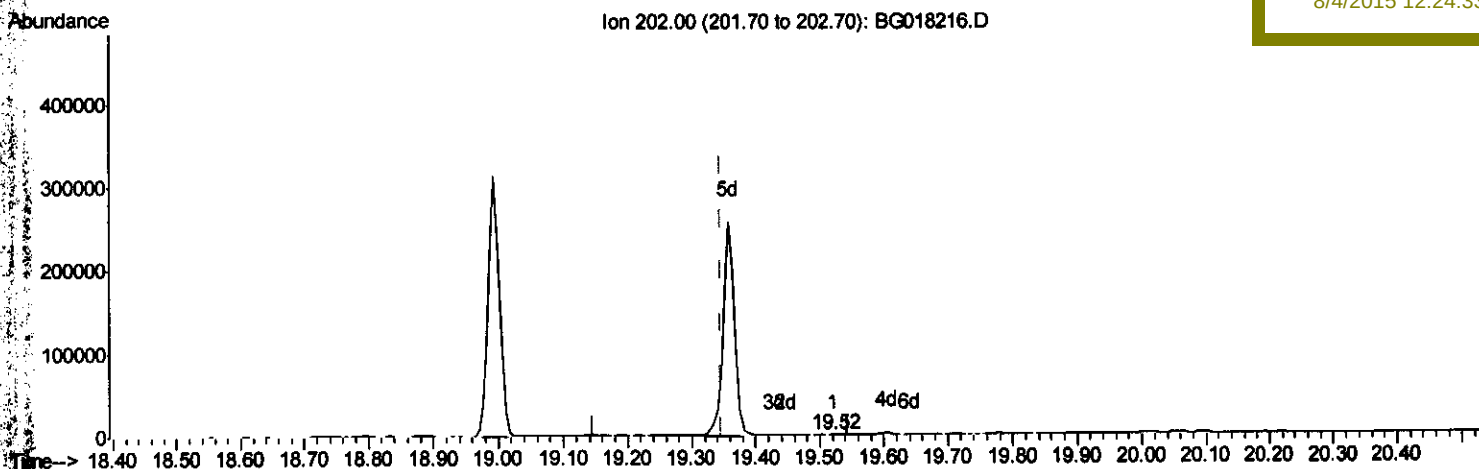
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 05:06:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(80) Pyrene

19.522min (+0.178) 0.06ng/ul

response 872

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	22.82#
100.00	9.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

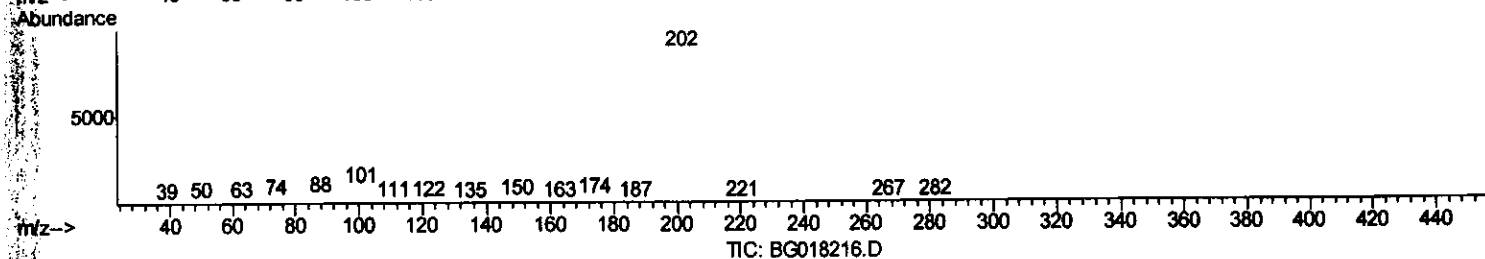
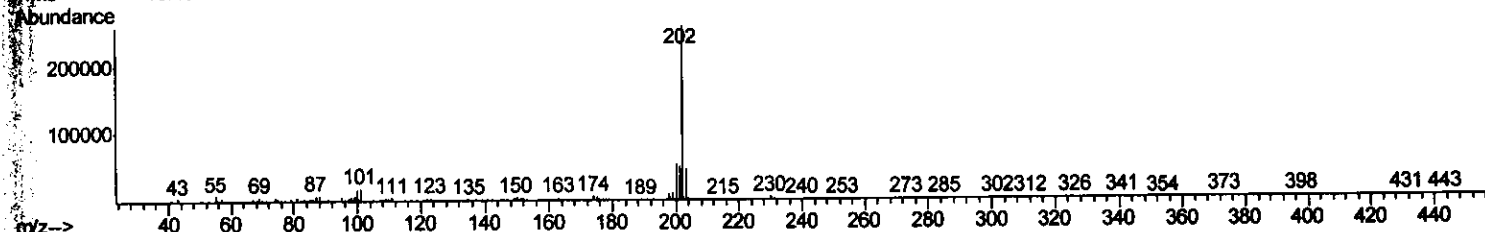
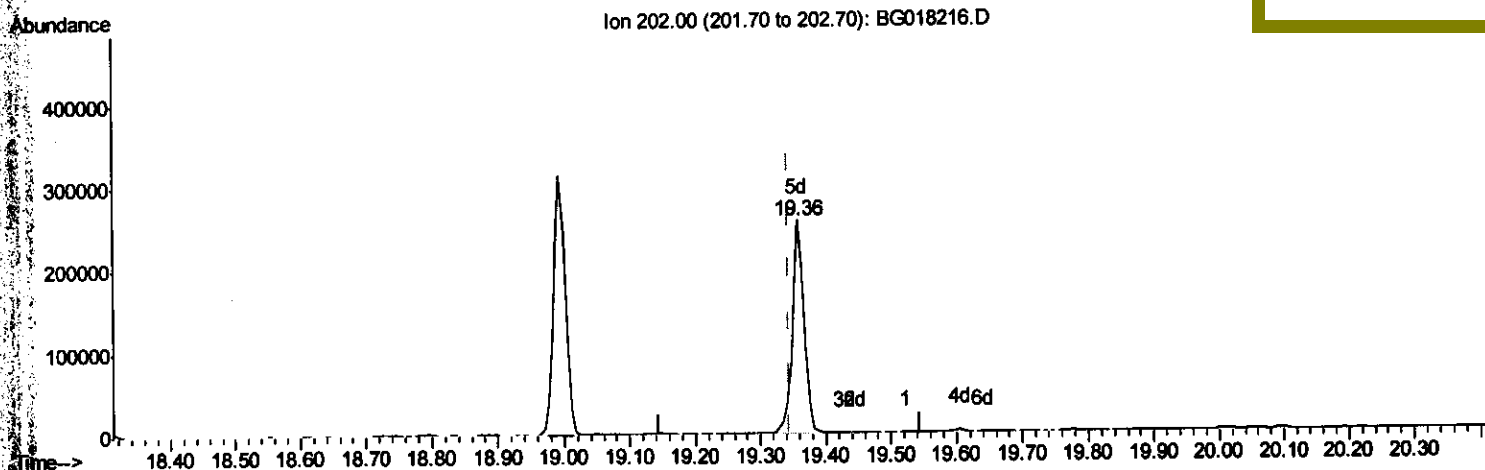
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration



(80) Pyrene

19.358min (+0.013) 24.02ng/ul m

response 329966

Ion	Exp%	Act%
202.00	100	100
101.00	10.10	7.10#
100.00	9.20	6.00#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

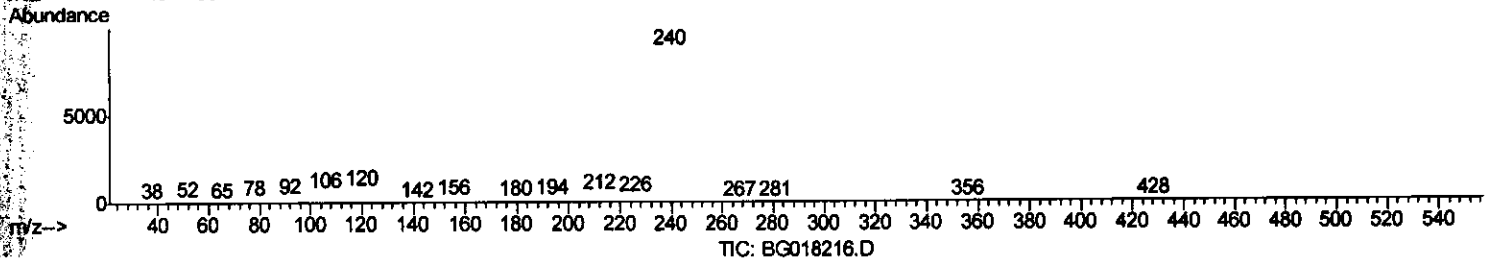
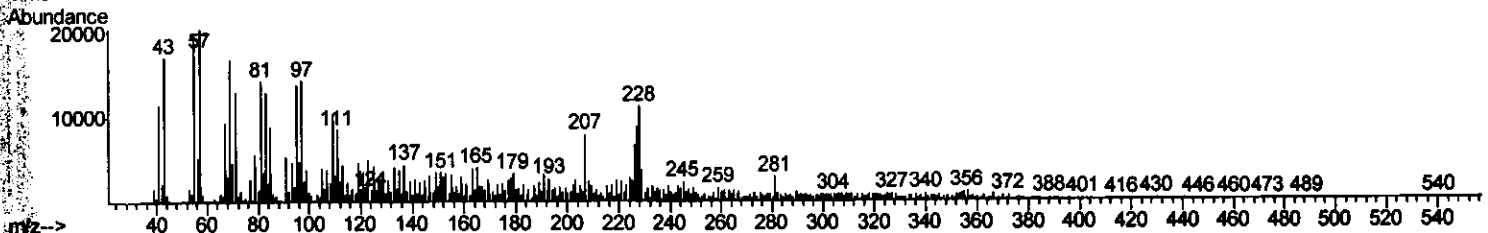
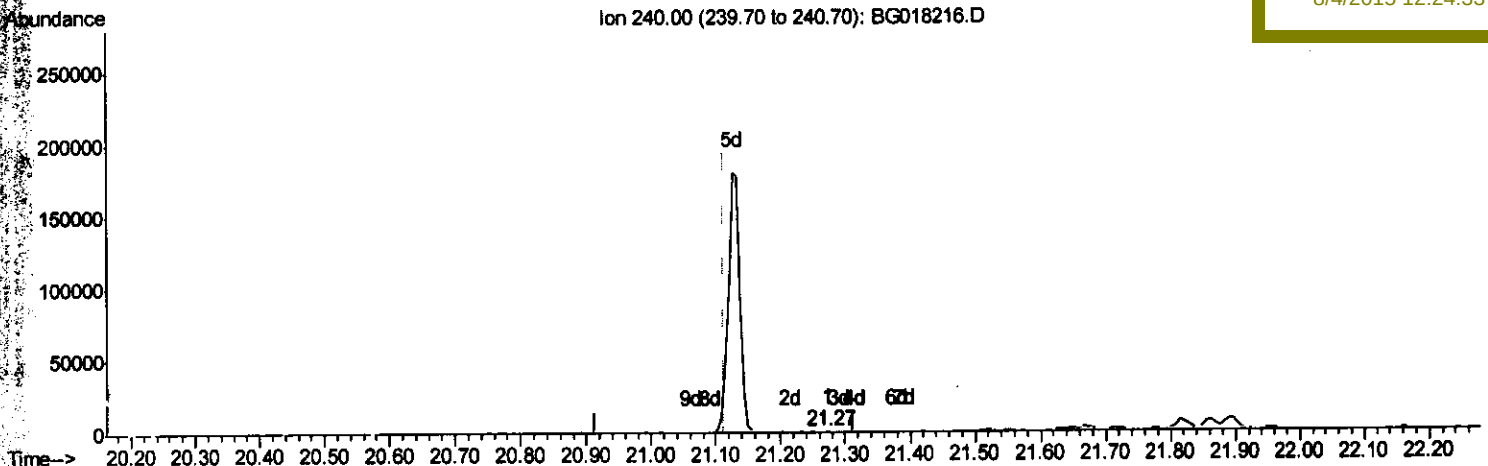
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(78) Chrysene-d12 (I)

21.273min (+0.160) 20.00ng/ul

response 277

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	134.20#
236.00	24.90	117.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

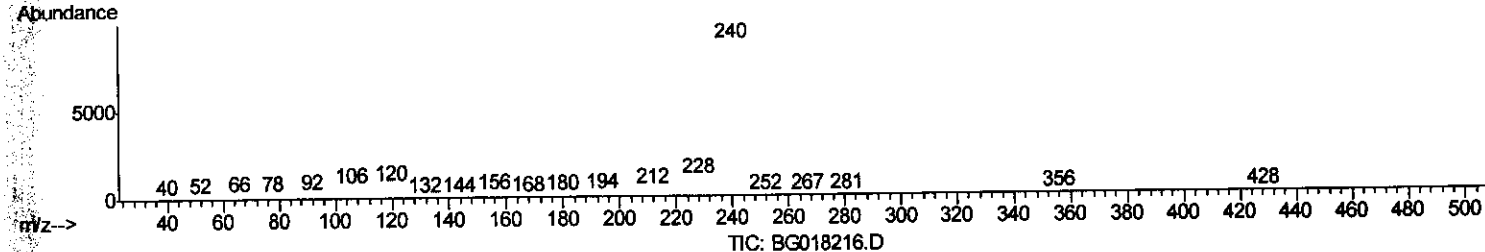
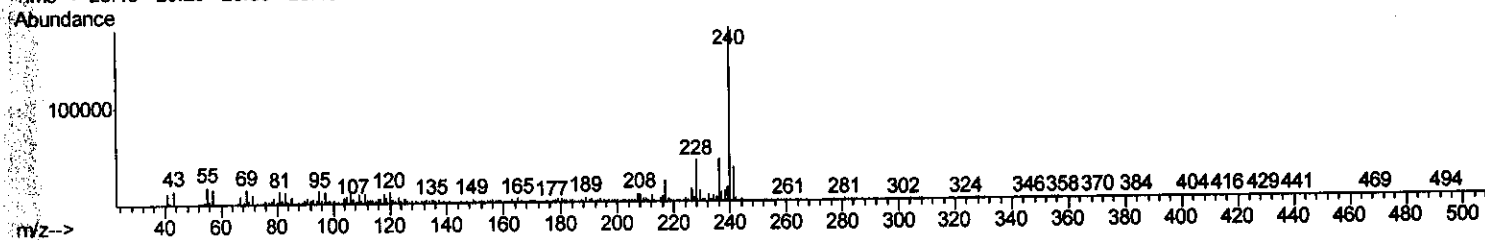
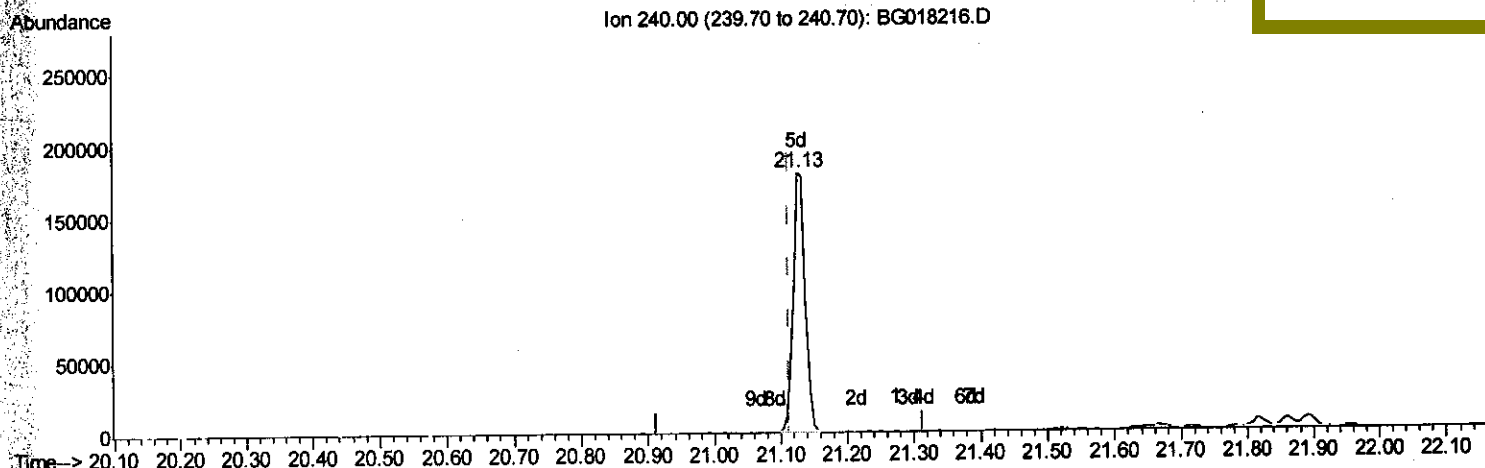
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(78) Chrysene-d12 (I)

21.126min (+0.013) 20.00ng/ul m

response 226506

Ion	Exp%	Act%
240.00	100	100
120.00	9.70	6.78#
236.00	24.90	25.01
0.00	0.00	0.00

UM
 08/11/15

Quantitation Report (Qedit)

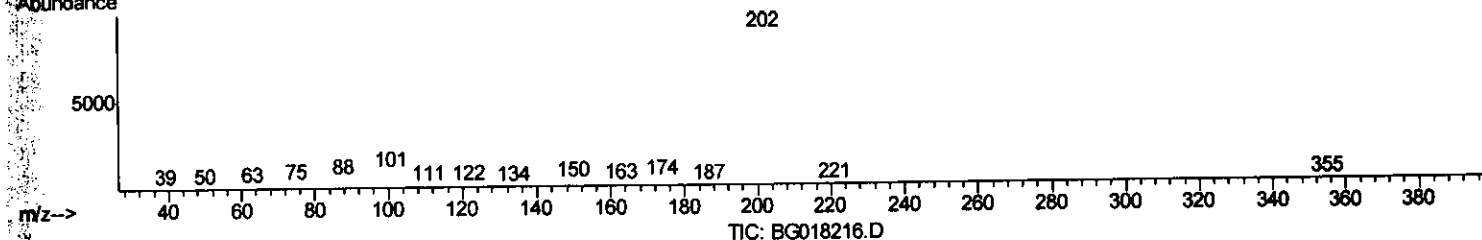
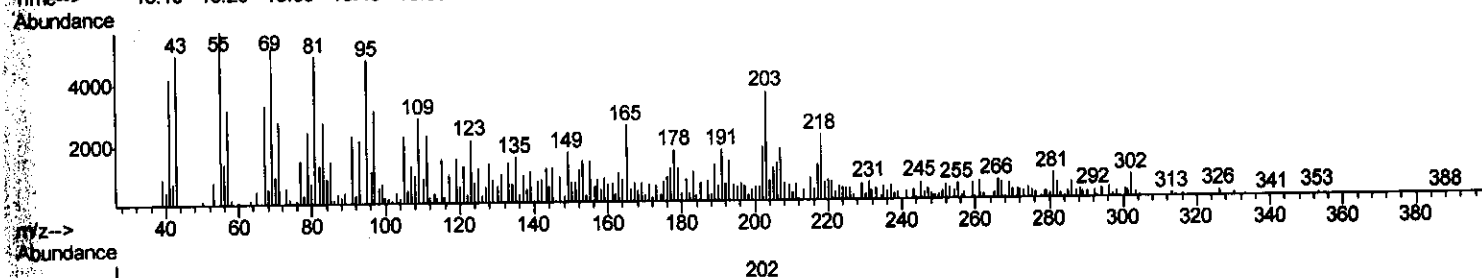
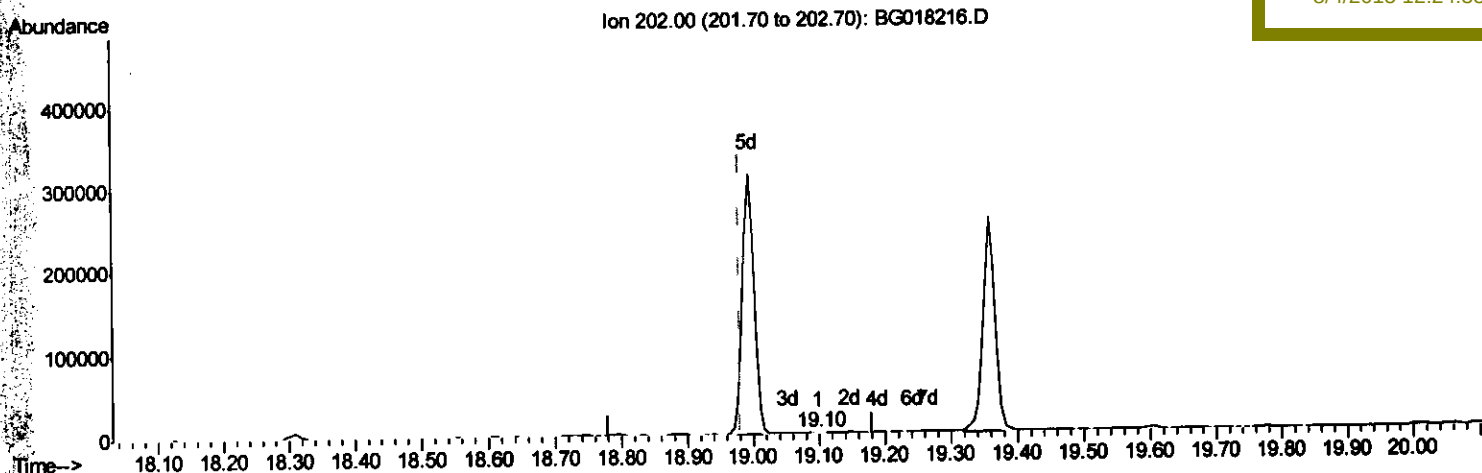
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(77) Fluoranthene (C)

19.099min (+0.119) 0.13ng/ul

response 754

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	16.82#
100.00	6.90	18.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

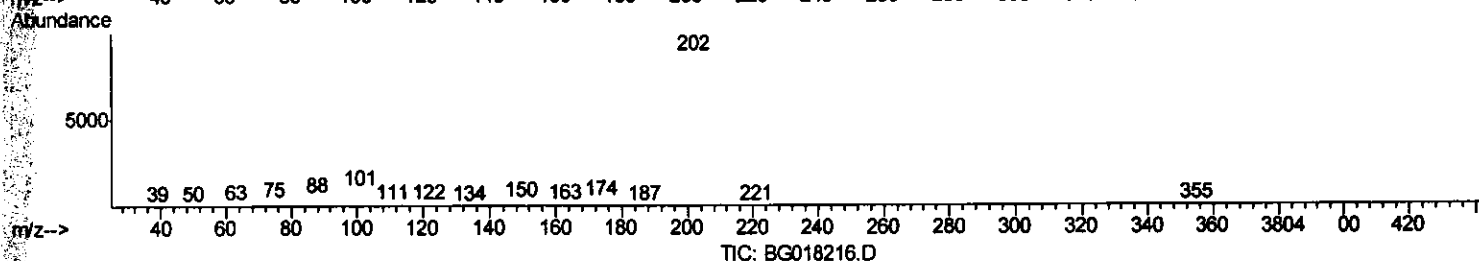
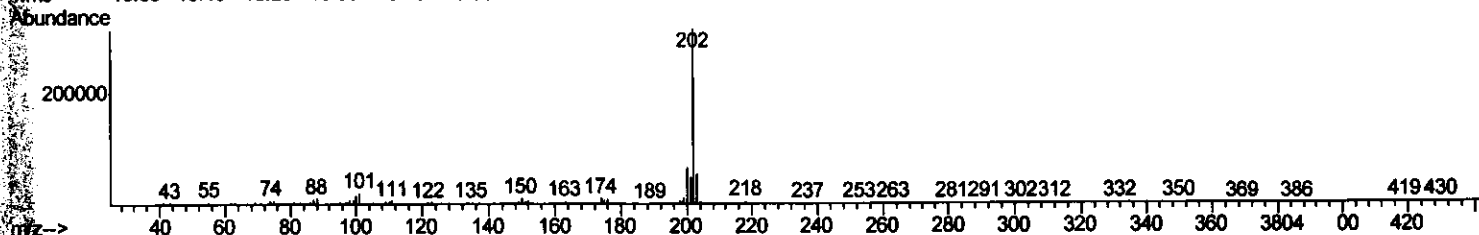
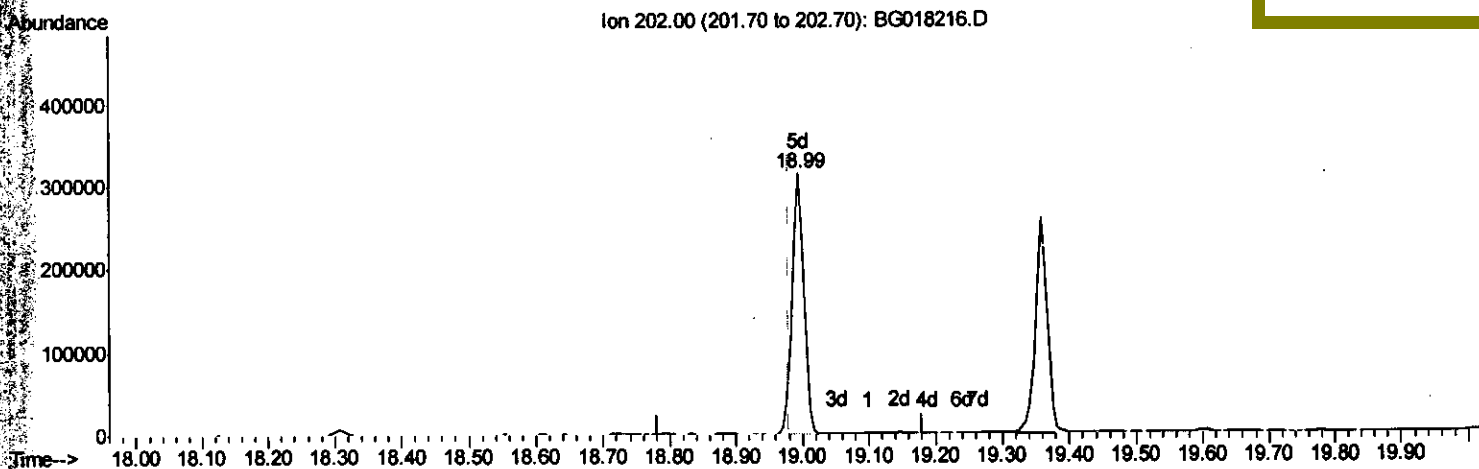
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 02:01:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(77) Fluoranthene (C)

18.994min (+0.013) 64.60ng/ul m

response 387962

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	6.54#
100.00	6.90	5.21#
0.00	0.00	0.00

> UM
 08/11/15

Quantitation Report (Qedit)

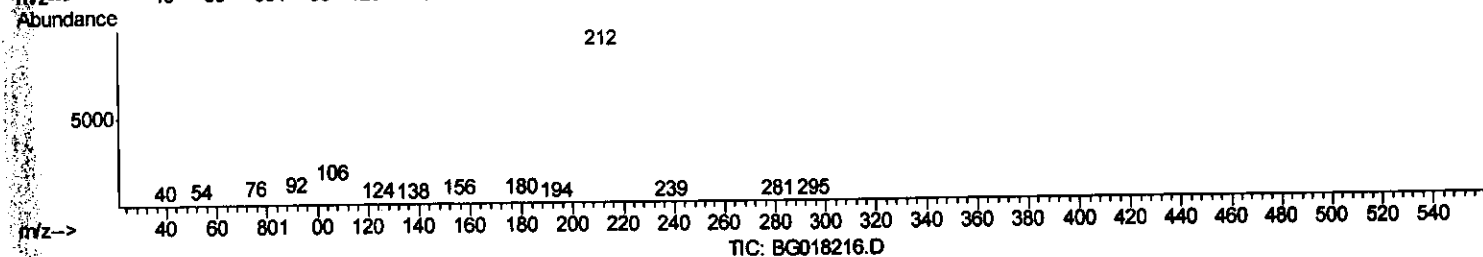
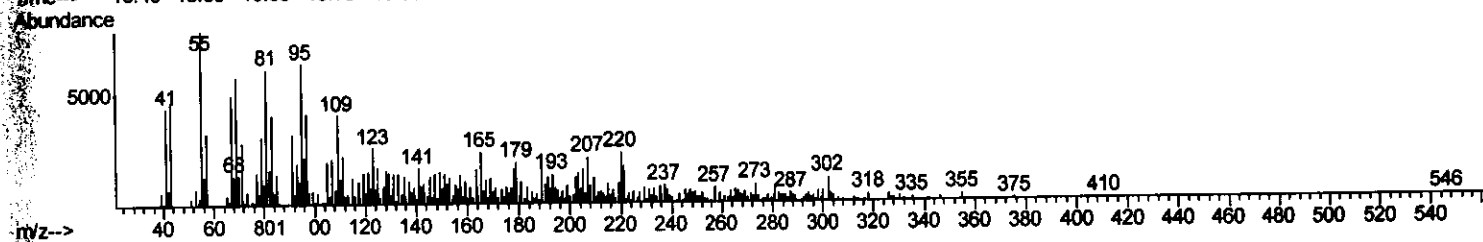
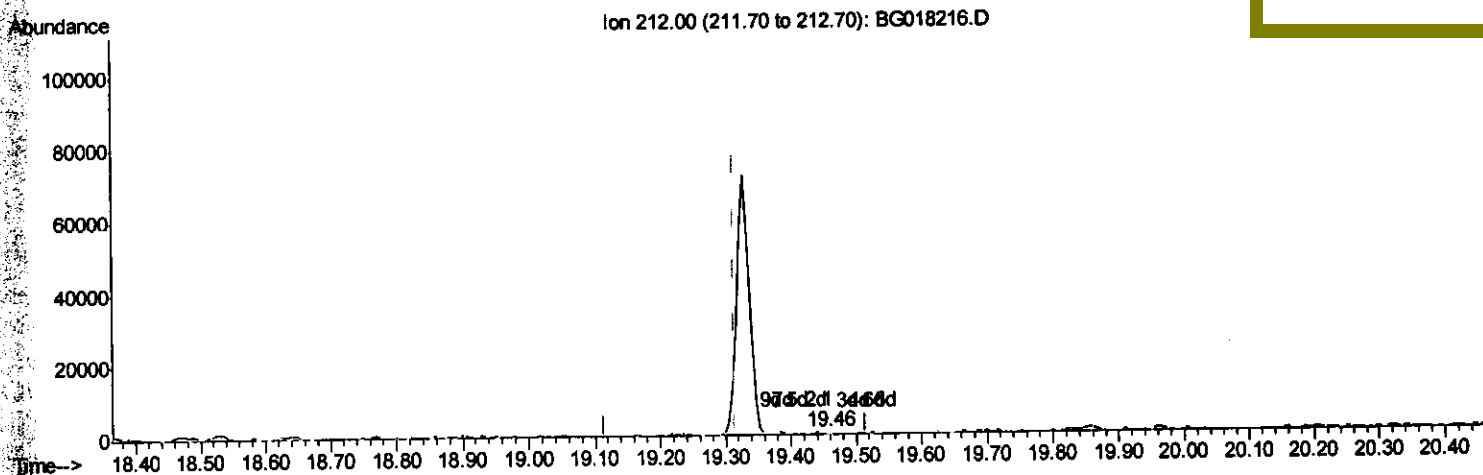
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018216.D
Acq On : 1 Aug 2015 12:13
Operator : TP/UM
Sample : G3073-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01N7

Quant Time: Aug 03 05:06:16 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/4/2015 12:24:33 PM



(79) Pyrene-d10 (S)

19.458min (+0.142) 0.02ng/ul

response 178

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	79.88#
104.00	7.60	39.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

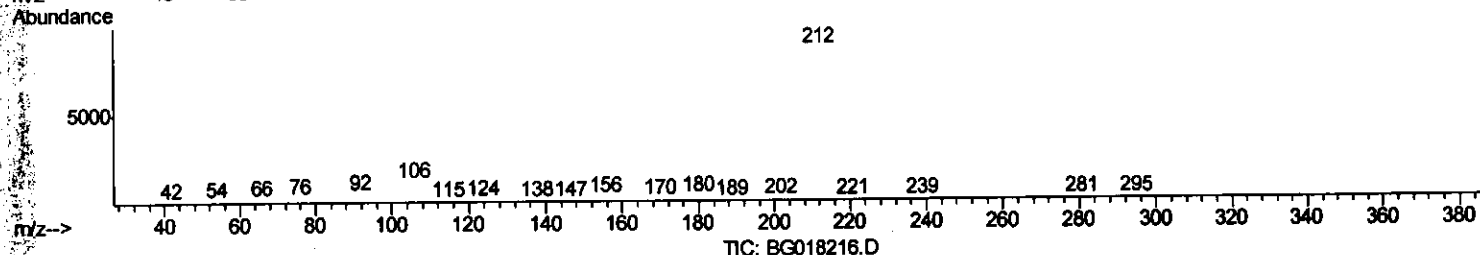
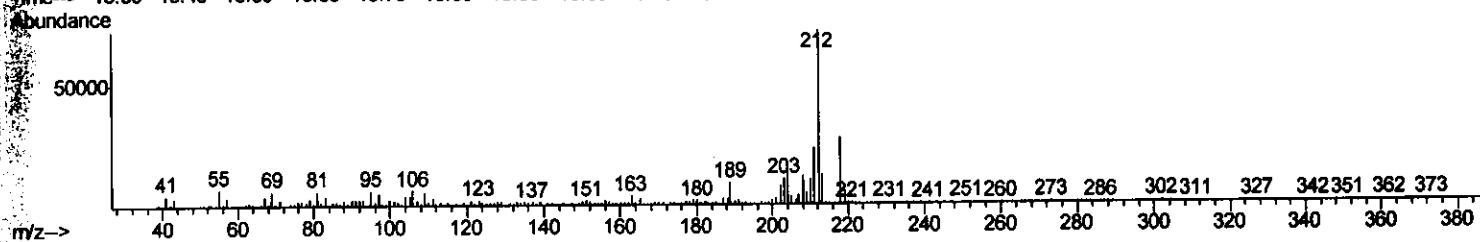
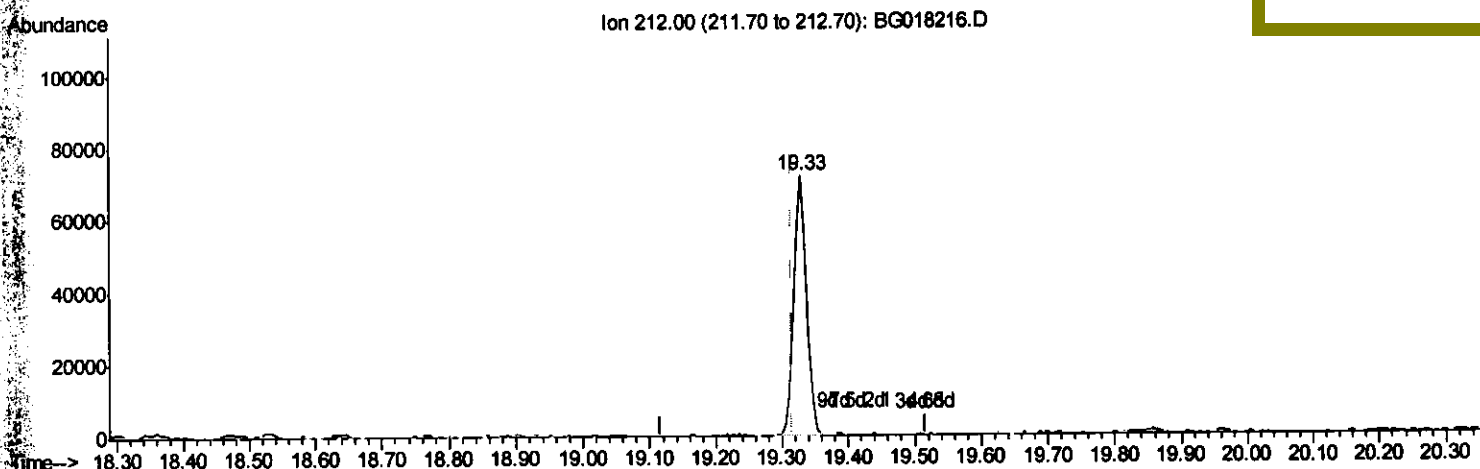
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Quant Time: Aug 03 05:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM



(79) Pyrene-d10 (S)

19.329min (+0.013) 8.76ng/ul m

response 95981

Ion	Exp%	Act%
212.00	100	100
106.00	11.40	8.78#
104.00	7.60	5.46#
0.00	0.00	0.00

UM
 08/11/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
 Data File : BG018216.D
 Acq On : 1 Aug 2015 12:13
 Operator : TP/UM
 Sample : G3073-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01N7

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:24:33 PM

Quant Time: Aug 03 05:15:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	54332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	242544	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	146040	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	221347m	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	226506m	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	229770	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	1289	1.79	ng/uL	0.01
5) Phenol-d5	6.68	99	56677	11.60	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	6.83	67	28026	11.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	45820	12.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	44988	11.31	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	24314	12.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	21225	9.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	48226	12.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.42	131	40717	8.43	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	152628	13.52	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	155478	11.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	15447	7.40	ng/ul	0.02
58) Fluorene-d10	15.16	176	101468	9.94	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	178	0.12	ng/ul	0.02
71) Anthracene-d10	17.01	188	107631m	11.18	ng/ul	0.00
79) Pyrene-d10	19.33	212	95981m	8.76	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.18	264	95904	8.25	ng/ul	0.03

Target Compounds

				Ovalue	
28) Naphthalene	10.32	128	14986	1.28	ng/ul 96
32) Caprolactam	11.19	113	4398	2.39	ng/ul# 81
45) Dimethylphthalate	13.62	163	77577	6.91	ng/ul 98
50) Acenaphthene	14.22	153	25328	2.99	ng/ul 97
54) Dibenzofuran	14.56	168	19339	1.52	ng/ul# 73
59) Fluorene	15.22	166	30088	2.73	ng/ul 93
70) Phenanthrene	16.96	178	299273m	26.61	ng/ul
72) Anthracene	17.05	178	74308	6.64	ng/ul 96
75) Carbazole	17.33	167	31612m	3.40	ng/ul
76) Di-n-butylphthalate	17.90	149	21721m	1.76	ng/ul
77) Fluoranthene	18.99	202	387962m	31.41	ng/ul
80) Pyrene	19.36	202	329966m	24.02	ng/ul
83) Benzo(a)anthracene	21.11	228	180160m	14.77	ng/ul
85) Chrysene	21.17	228	164873	14.76	ng/ul 98
88) Benzo(b)fluoranthene	22.66	252	227686	16.50	ng/ul 97
89) Benzo(k)fluoranthene	22.70	252	77498m	6.11	ng/ul
91) Benzo(a)pyrene	23.22	252	156818	12.70	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.52	276	77766	5.44	ng/ul# 86
93) Dibenzo(a,h)anthracene	25.52	278	21476m	1.76	ng/ul
94) Benzo(a,h,i)perylene	26.20	276	58607	5.02	ng/ul# 88

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