

(QT Reviewed)

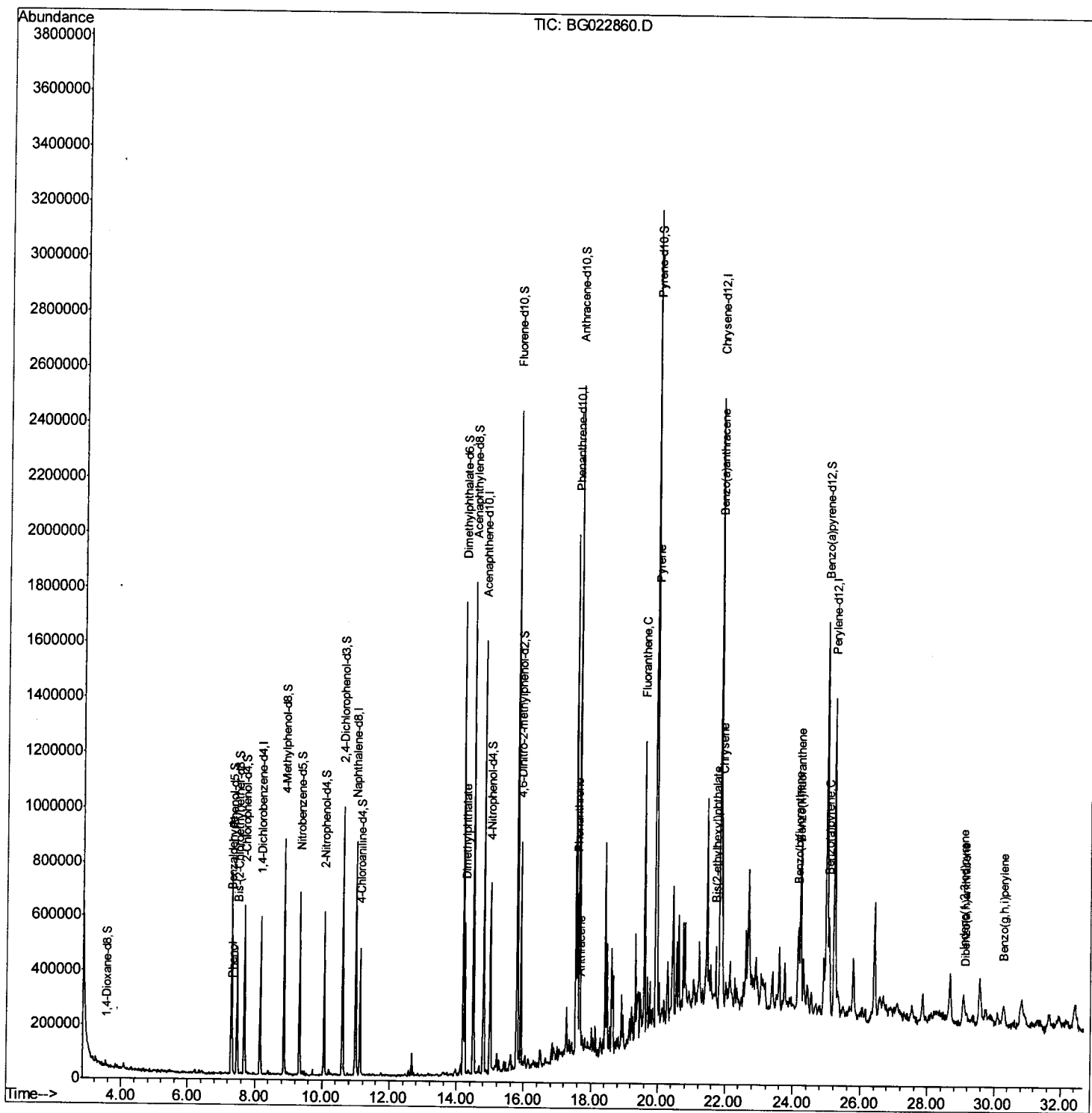
```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\  
Data File : BG022860.D  
Acq On    : 5 Jul 2016 21:26  
Operator  : UM/SJ  
Sample    : H3811-15  
Misc      :  
ALS Vial  : 16 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
A4TW3

Manual Integrati

Quant Time: Jul 06 11:45:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

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Quantitation Report (Qedit)

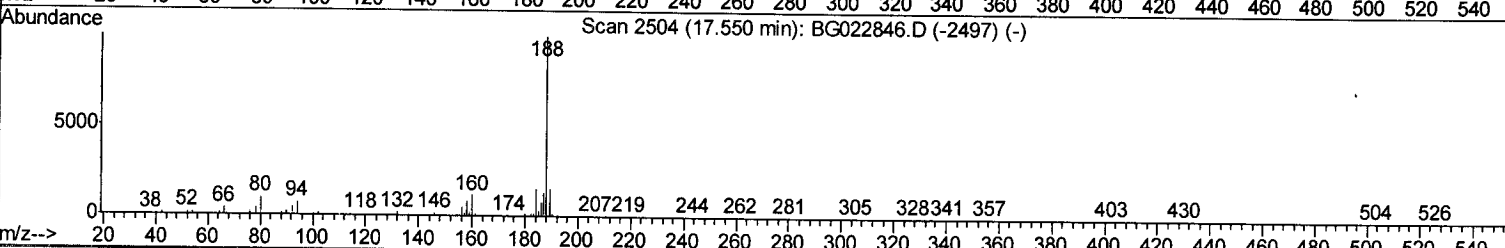
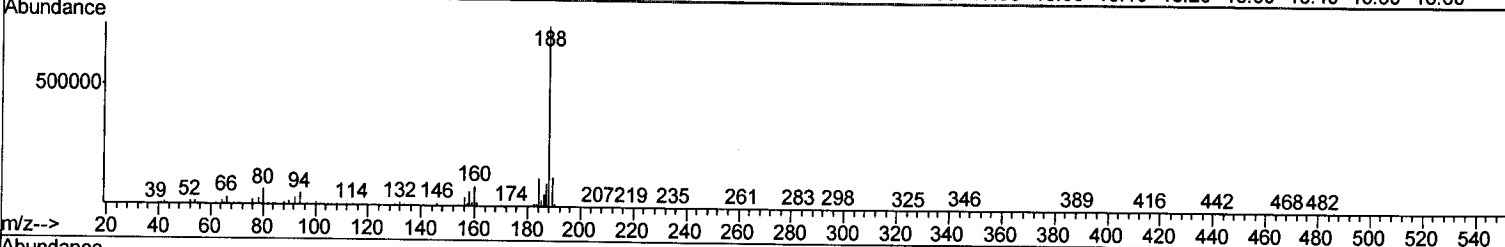
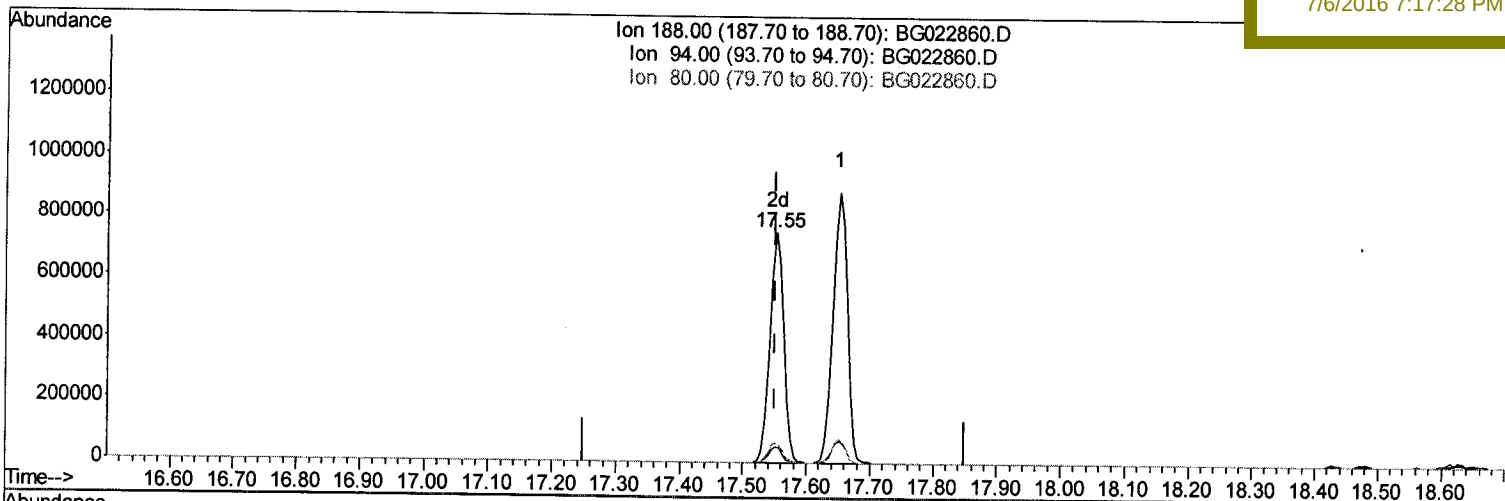
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 06 11:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

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TIC: BG022860.D

(61) Phenanthrene-d10 (I)

17.552min (+0.002) 20.00ng/ul m

response 1156183

U.M
 07/11/16

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	6.81#
80.00	10.90	8.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

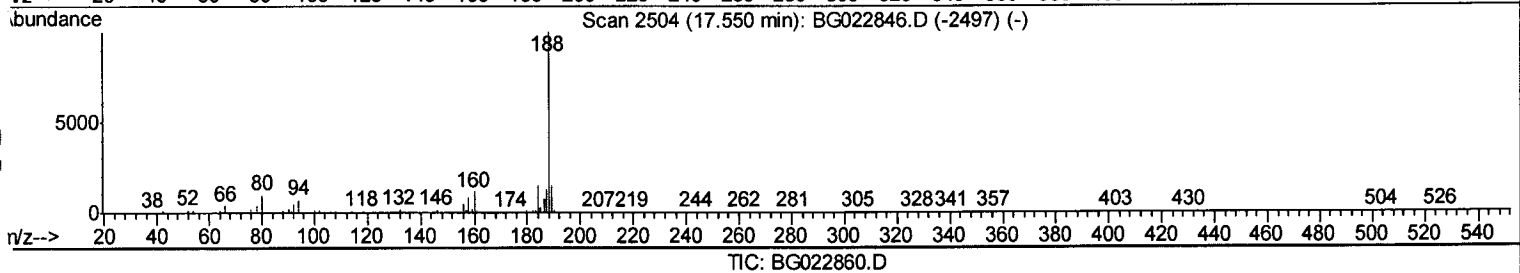
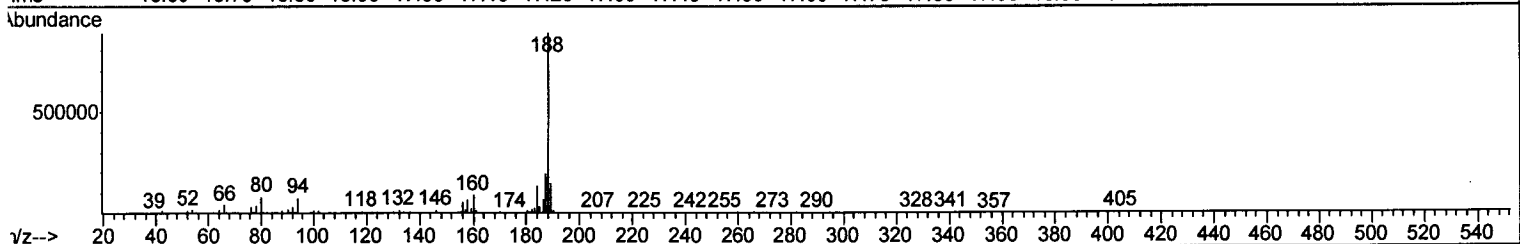
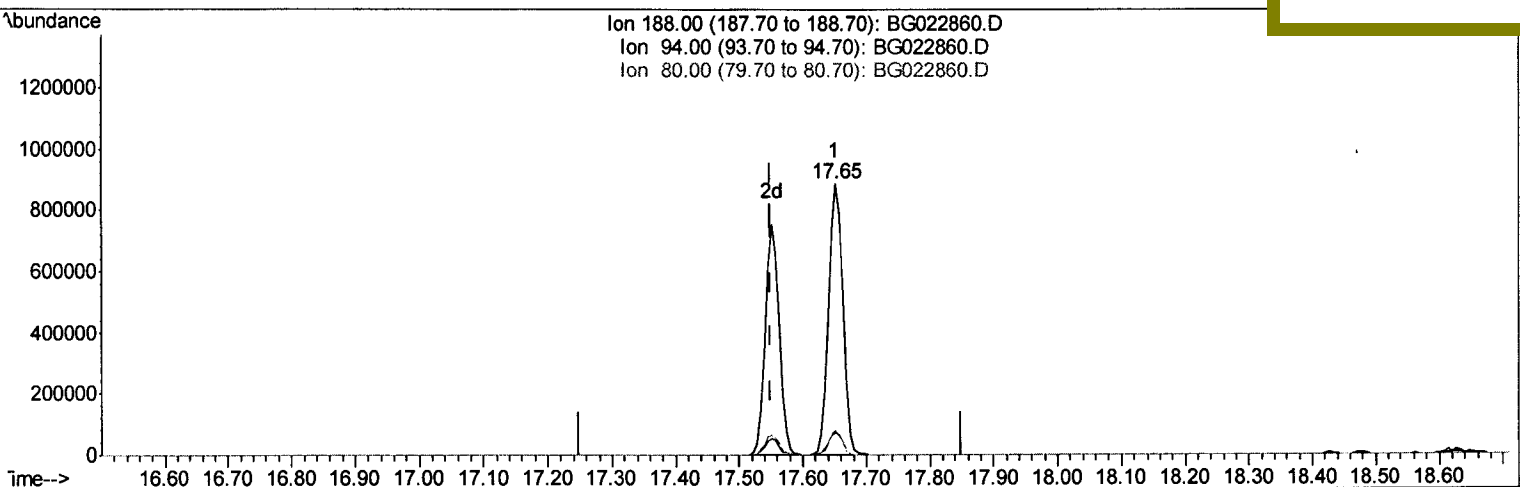
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:34:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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(61) Phenanthrene-d10 (I)

17.652min (+0.102) 20.00ng/ul

response 1404900

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.35
80.00	10.90	9.01
0.00	0.00	0.00

Quantitation Report (Qedit)

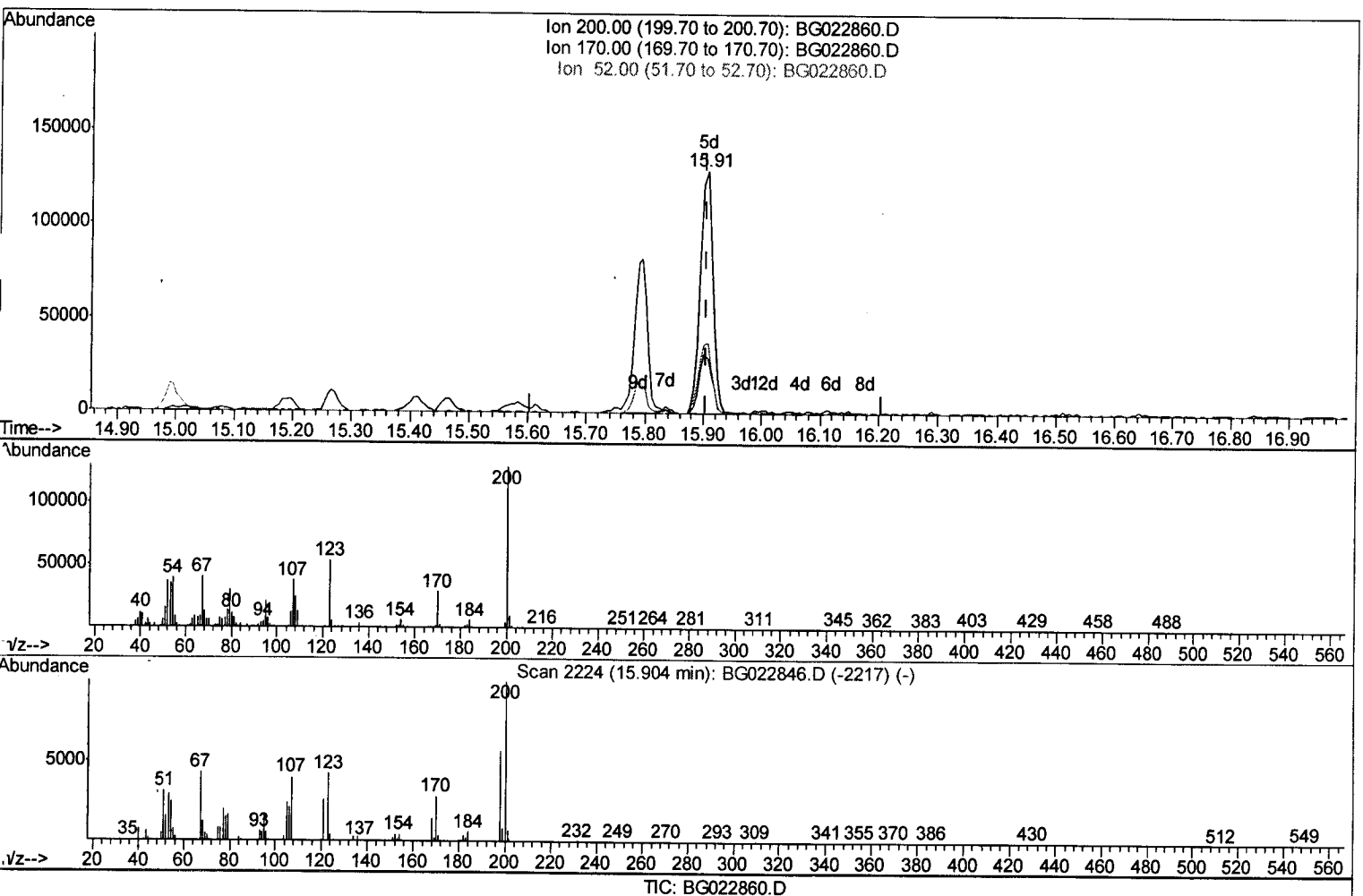
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

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Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.907min (+0.002) 25.74ng/ul m U.M
 response 191408 07/11/16

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	22.59#
52.00	32.20	29.02
0.00	0.00	0.00

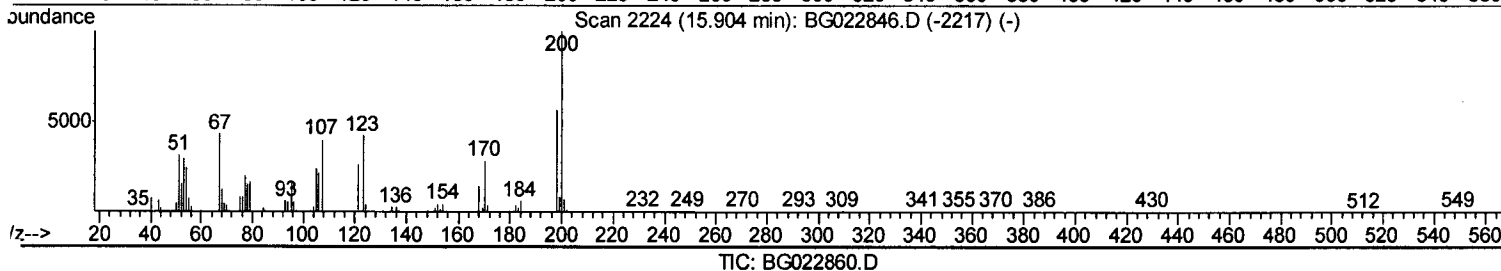
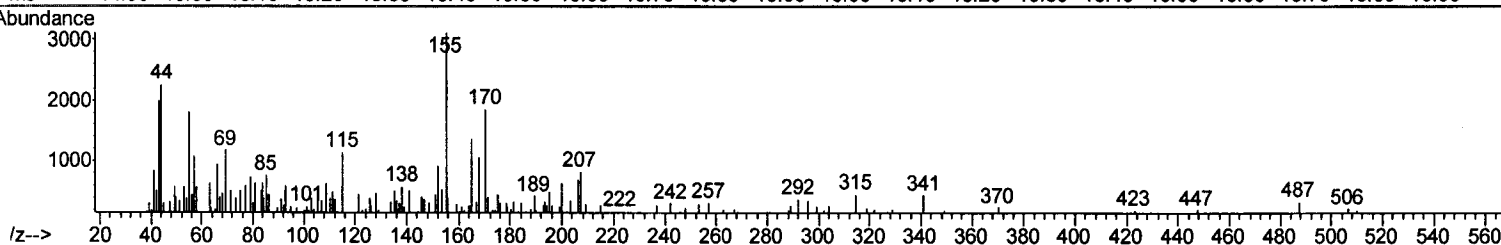
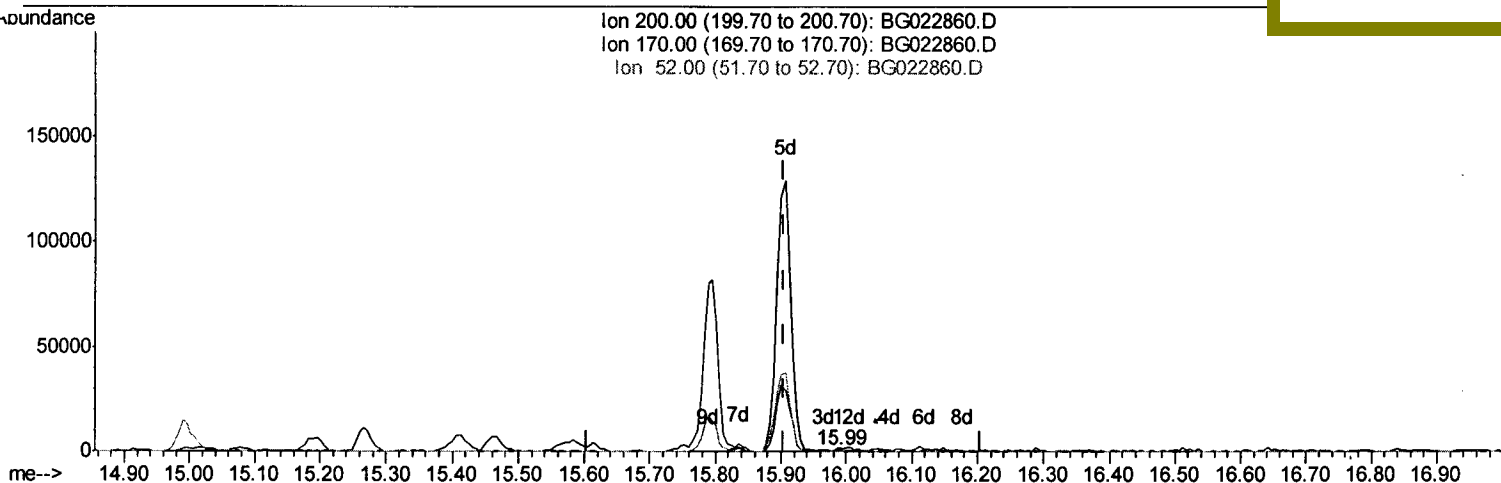
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW3

Quant Time: Jul 06 11:37:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Manual Integration

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.989min (+0.084) 0.07ng/ul

response 541

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	287.93#
52.00	32.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

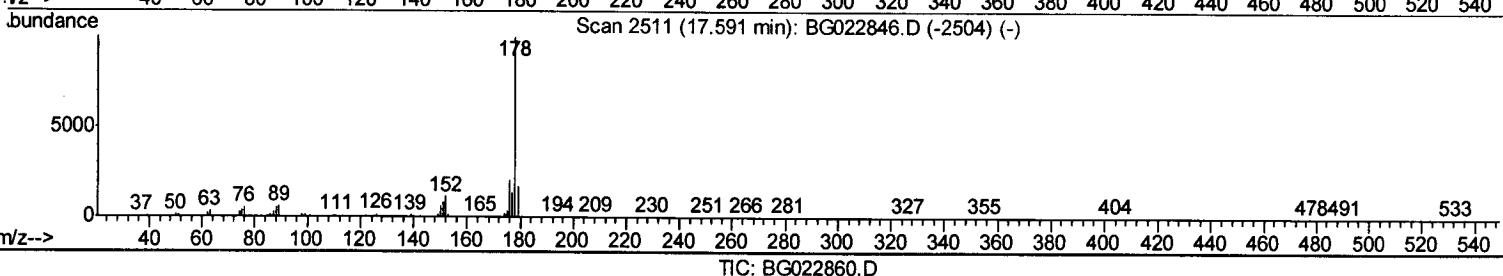
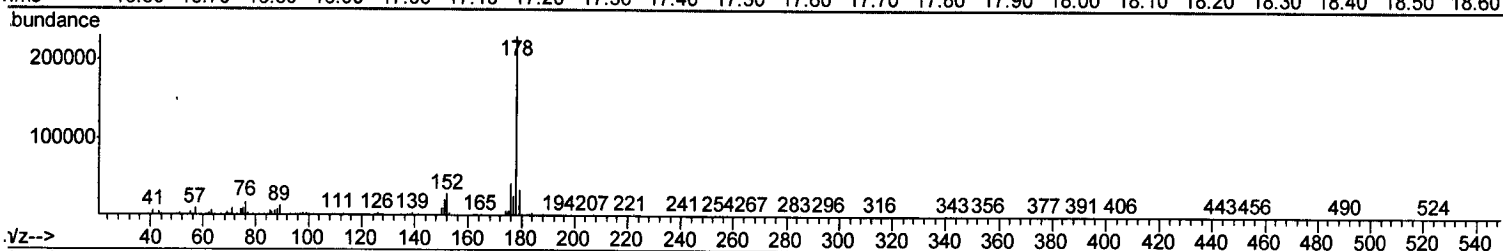
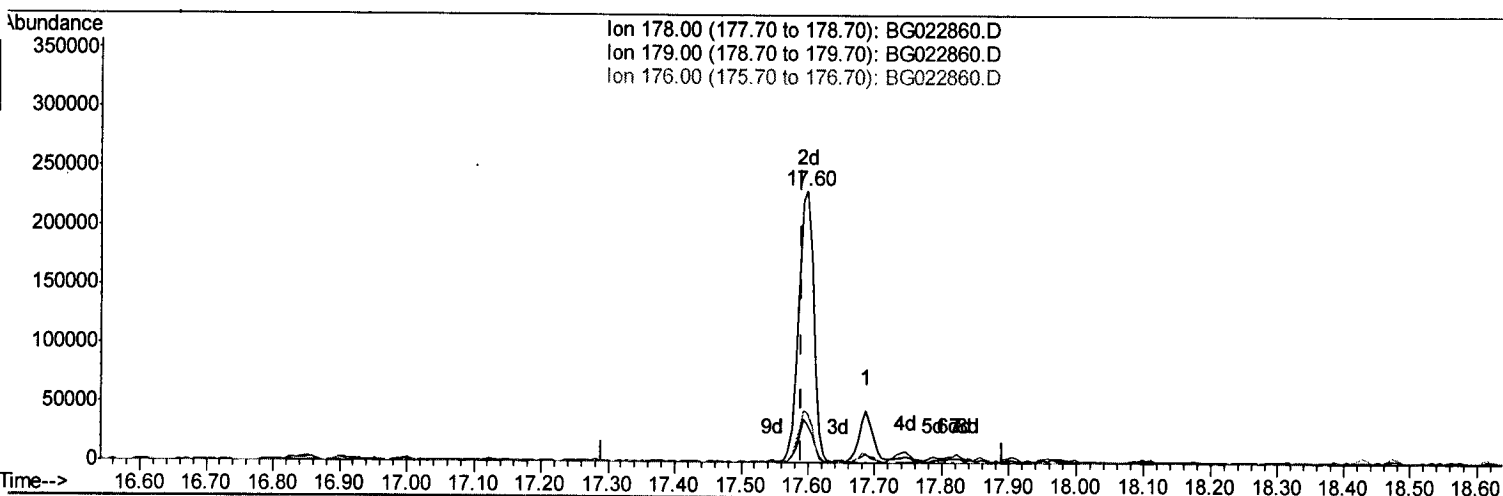
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

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(69) Phenanthrene

17.599min (+0.008) 6.12ng/ul m *U.M*
07/11/16
 response 362140

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	14.29
176.00	19.80	18.18
0.00	0.00	0.00

Quantitation Report (Qedit)

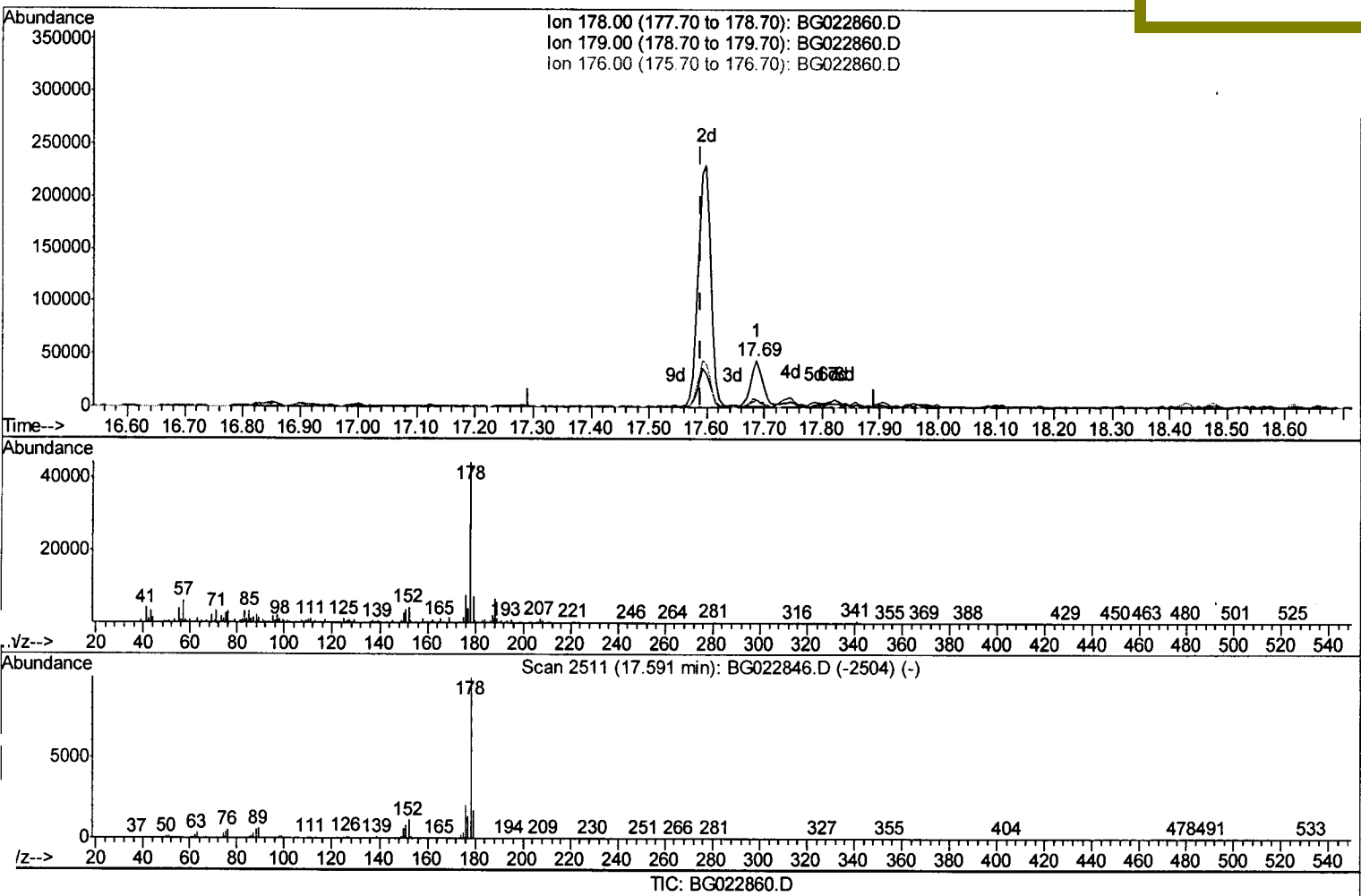
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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(69) Phenanthrene

17.687min (+0.096) 1.01ng/ul

response 59503

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.55
176.00	19.80	17.61
0.00	0.00	0.00

Quantitation Report (Qedit)

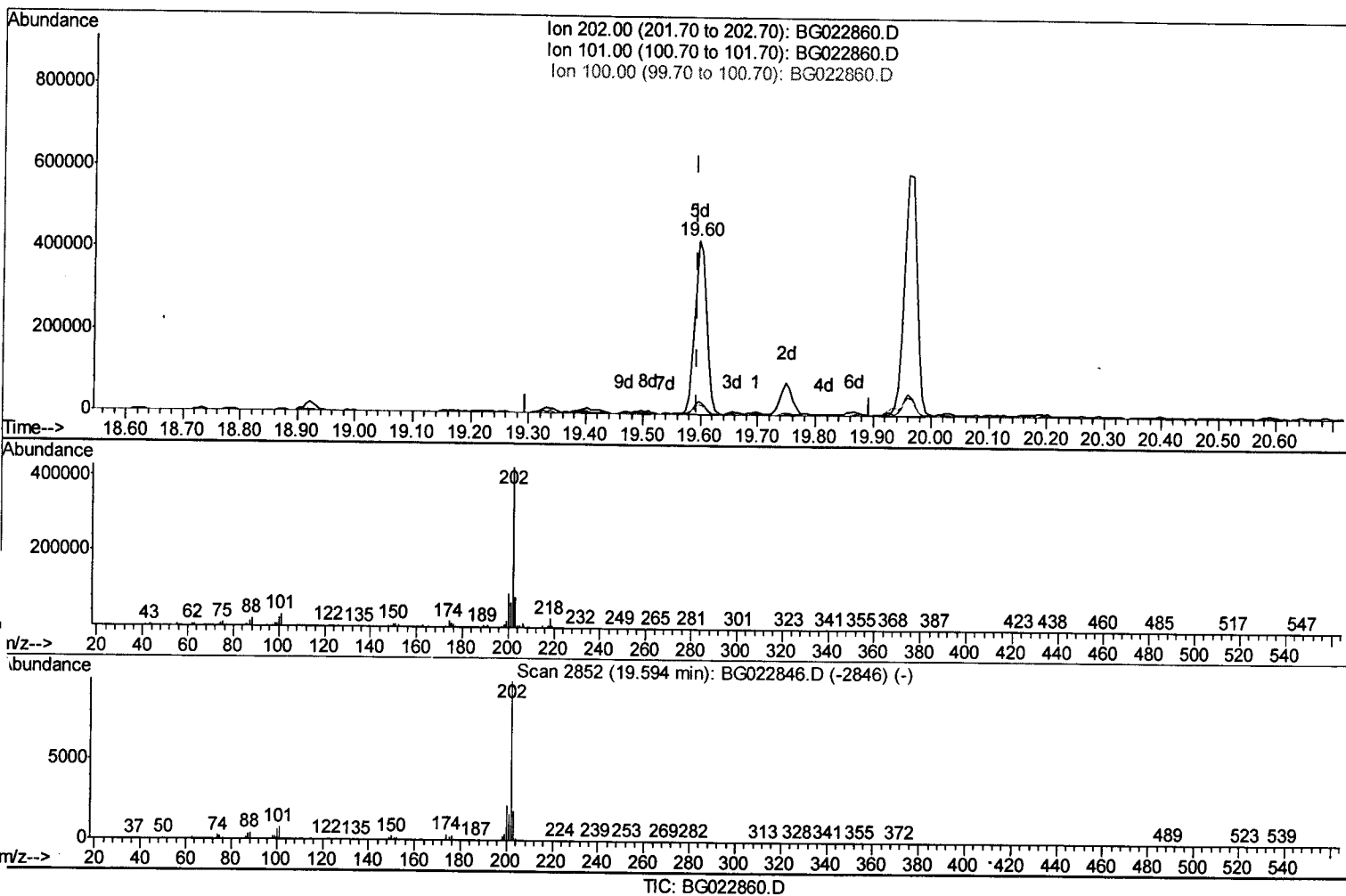
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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 QLast Update : Wed Jul 06 03:22:12 2016
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(74) Fluoranthene (C)

19.596min (+0.002) 10.18ng/ul m U.M
 response 627148 07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	7.71#
100.00	10.90	5.64#
0.00	0.00	0.00

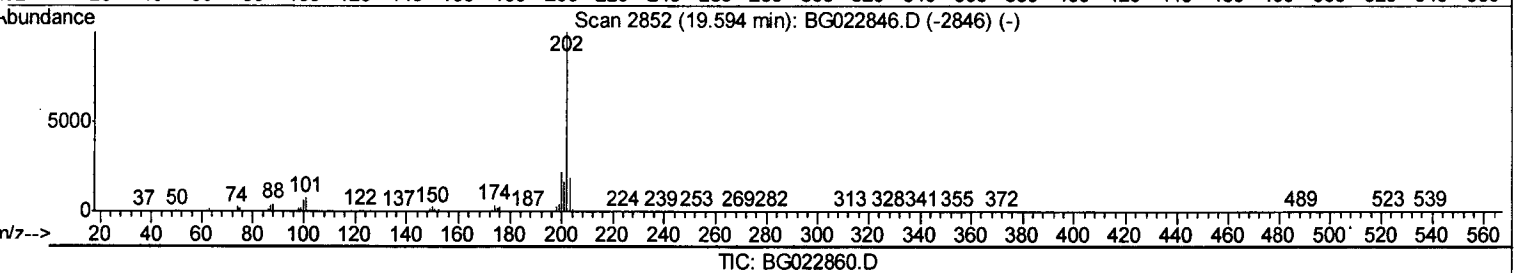
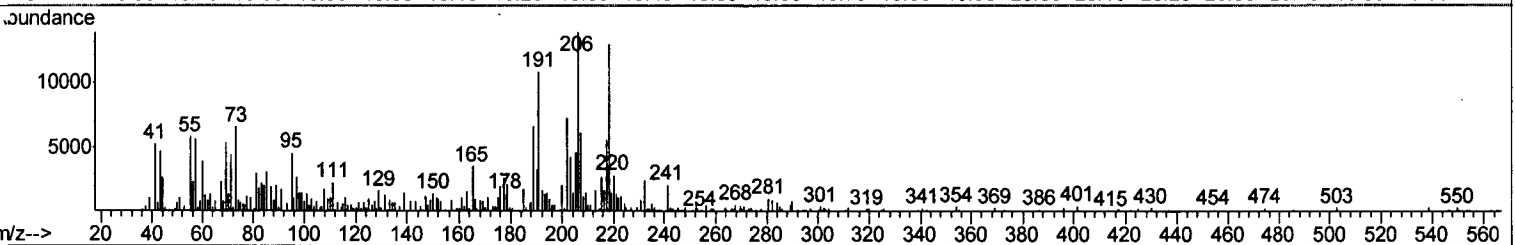
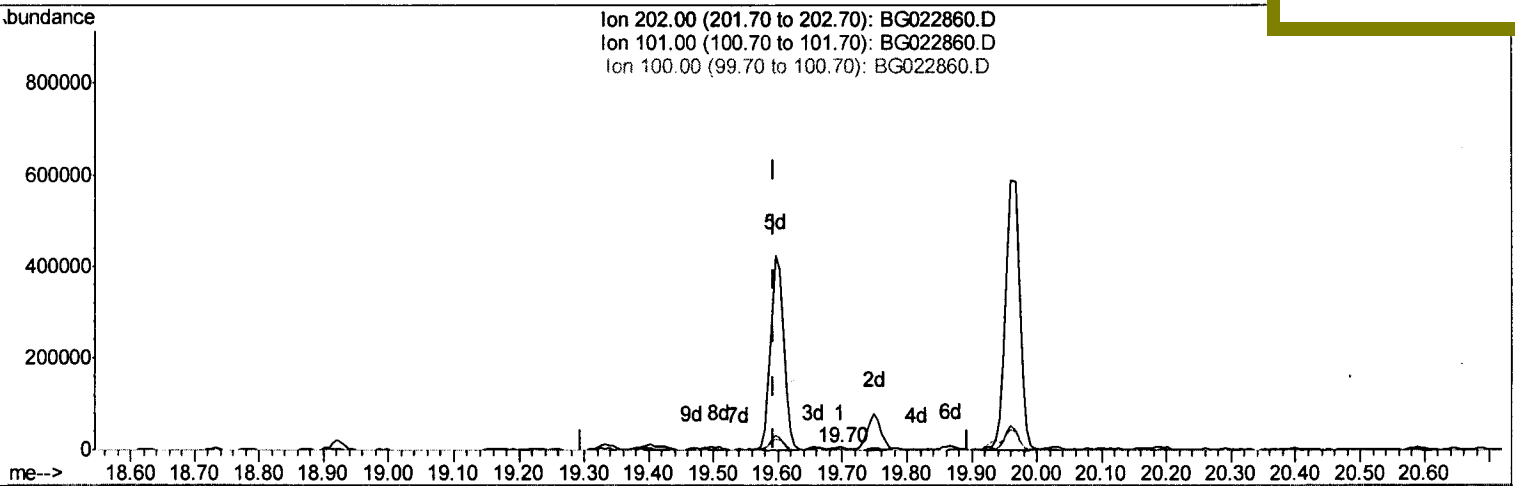
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW3

Manual Integration

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Quant Time: Jul 06 11:37:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration



(74) Fluoranthene (C)

19.696min (+0.102) 0.13ng/ul

response 8120

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	20.07#
100.00	10.90	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

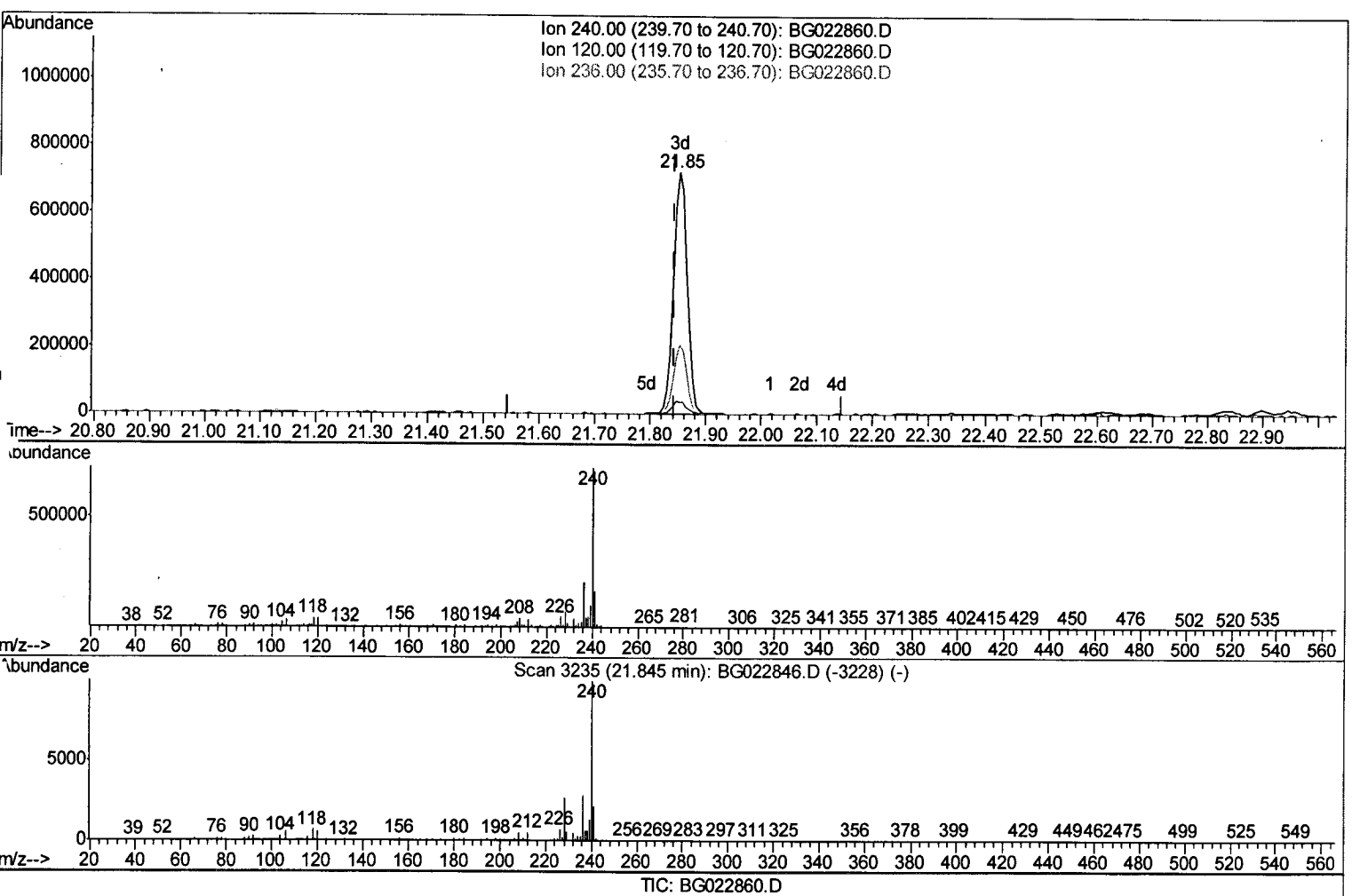
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

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Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



(75) Chrysene-d12 (I)

21.853min (+0.008) 20.00ng/ul m

response 1237941

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	5.20#
236.00	26.10	28.59
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

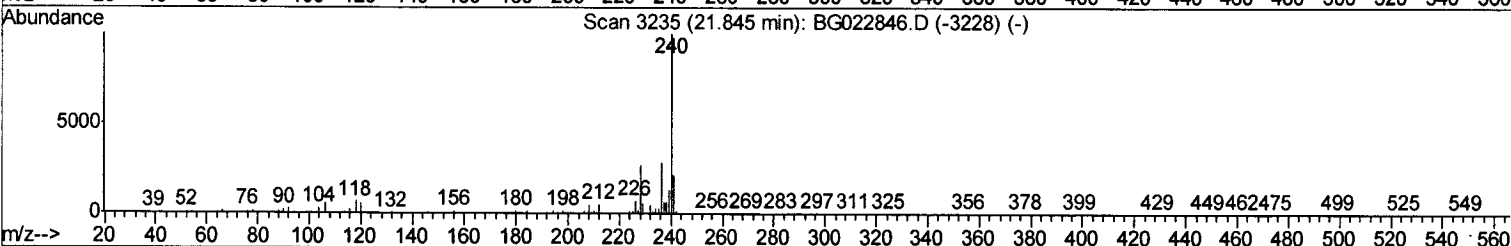
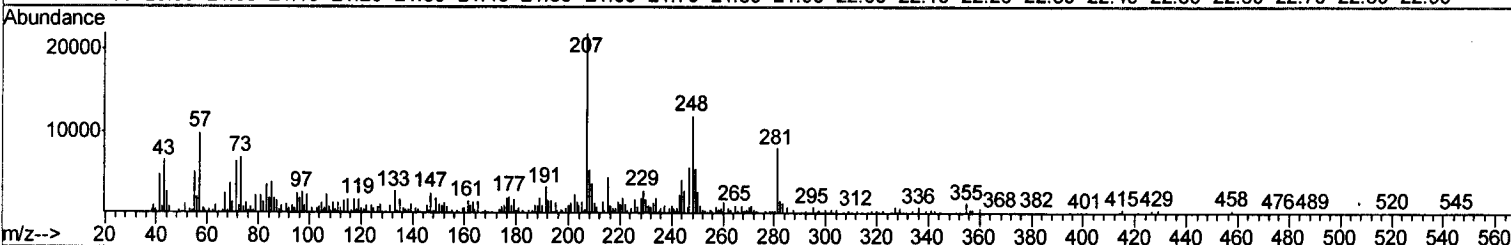
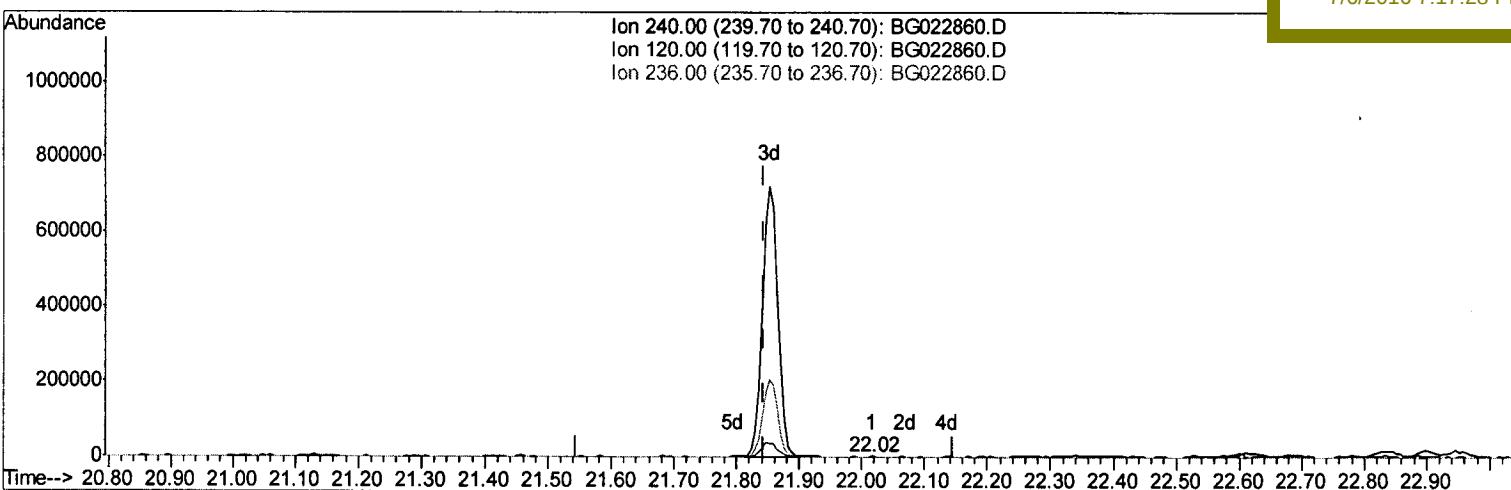
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:37:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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TIC: BG022860.D

(75) Chrysene-d12 (I)

22.017min (+0.173) 20.00ng/ul

response 1617

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	38.66#
236.00	26.10	36.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

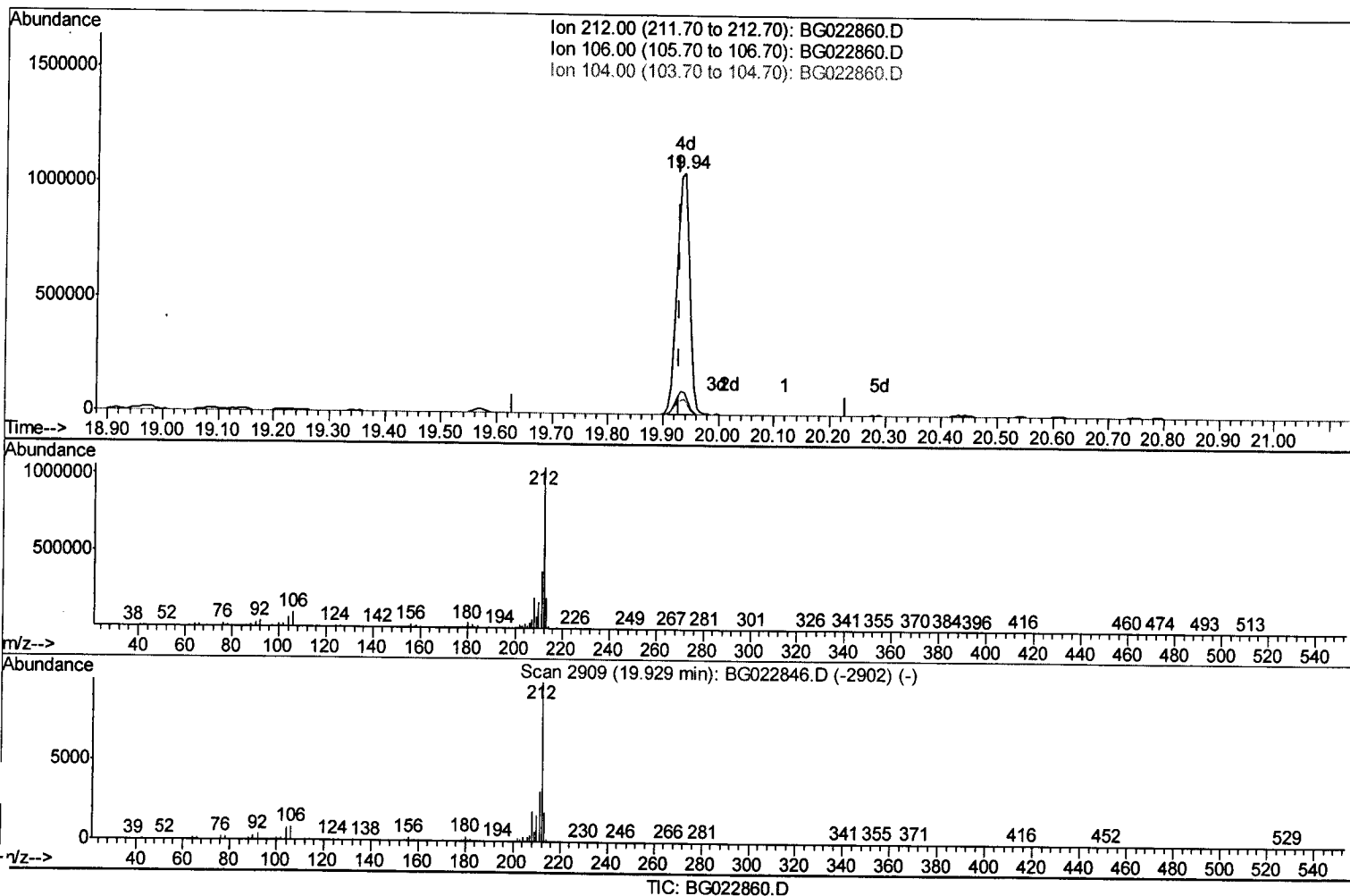
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

Quant Time: Jul 06 11:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

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(76) Pyrene-d10 (S)

19.937min (+0.008) 27.89ng/ul m

response 1649133

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	8.93#
104.00	11.70	6.40#
0.00	0.00	0.00

U.M
 07/11/16

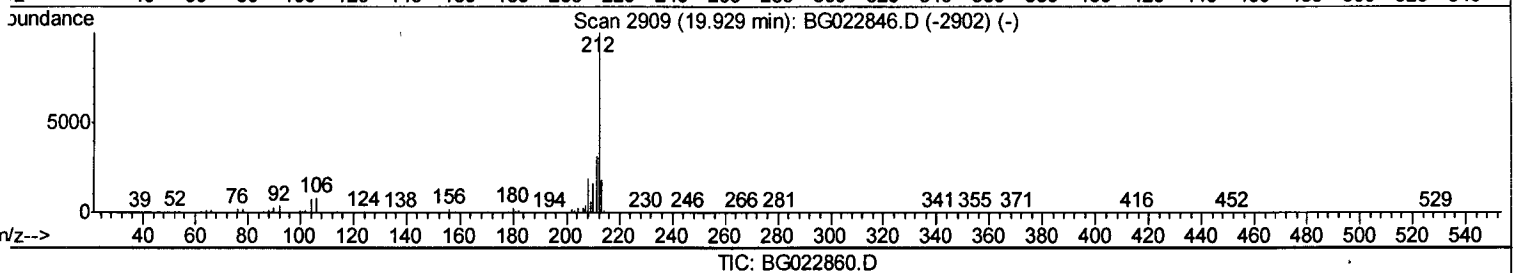
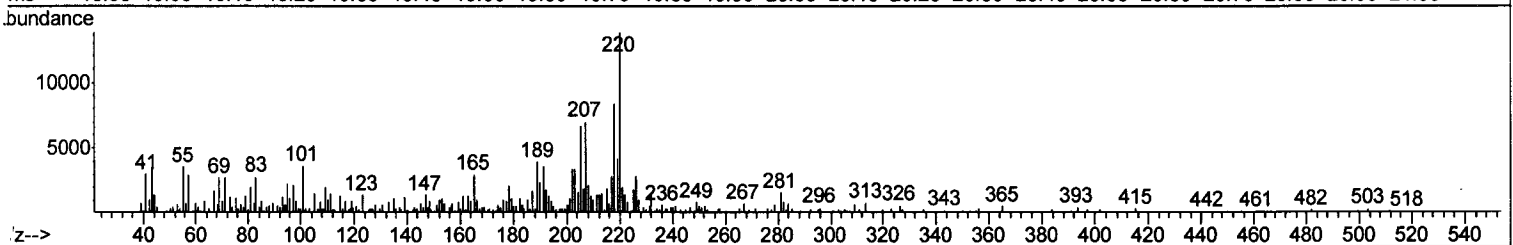
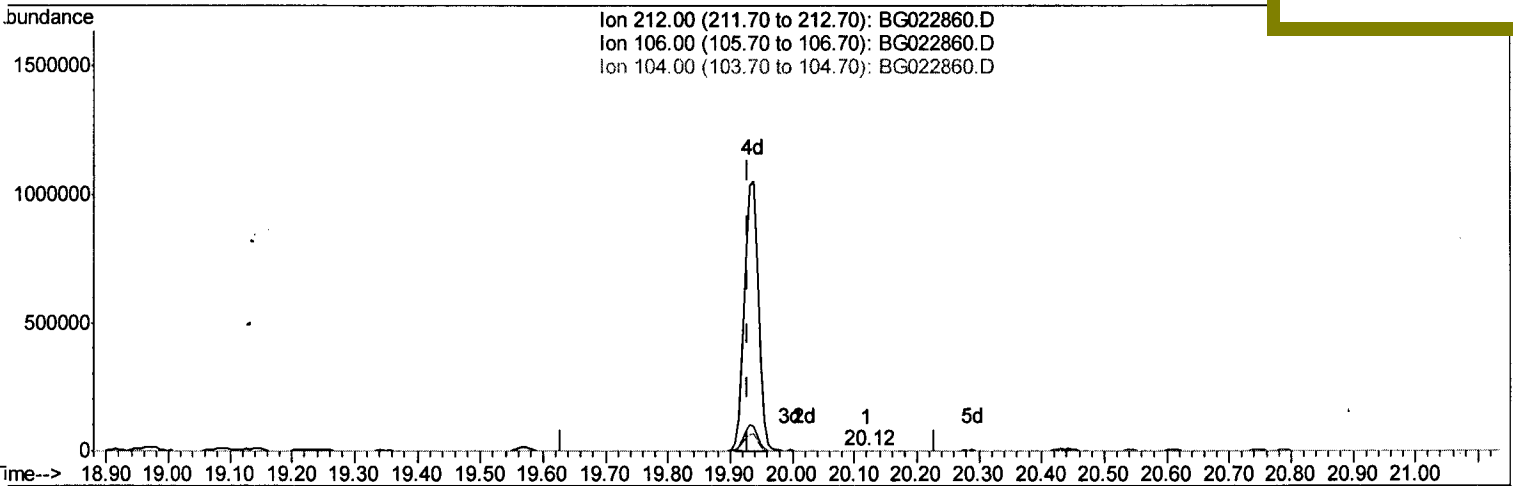
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW3

Manual Integration

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Quant Time: Jul 06 11:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration



(76) Pyrene-d10 (S)

20.119min (+0.190) 0.03ng/ul

response 1680

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	32.05#
104.00	11.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

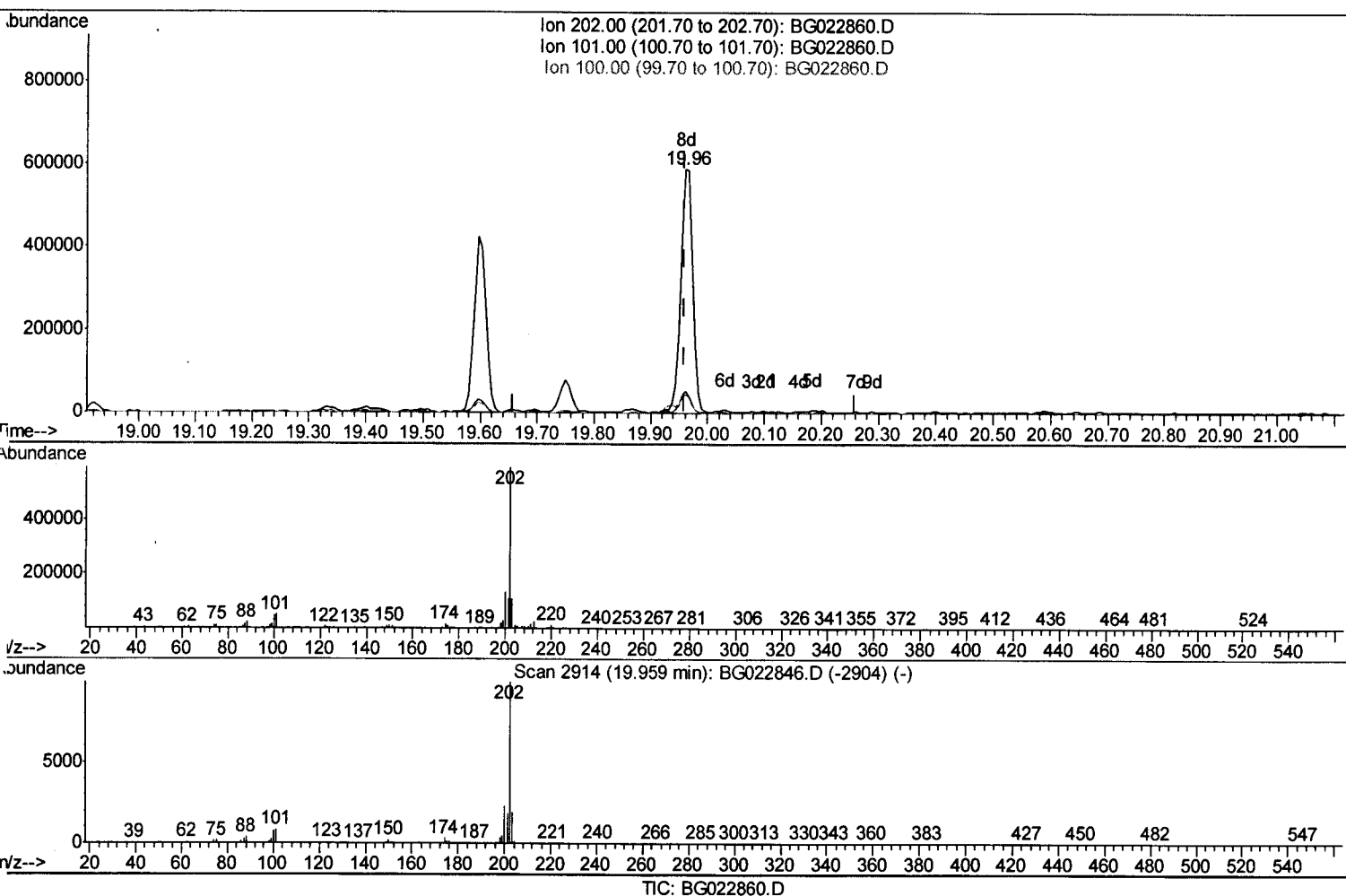
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

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Quant Time: Jul 06 11:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



(77) Pyrene

19.961min (+0.002) 12.65ng/ul m U.M
 response 876973

07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	8.90#
100.00	12.80	7.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

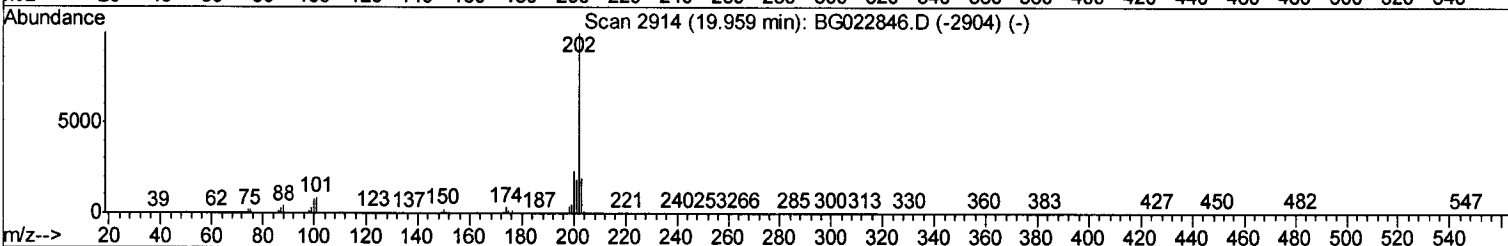
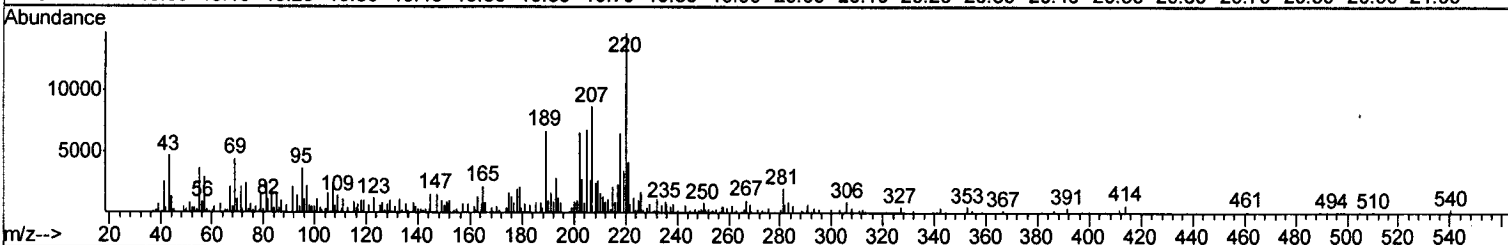
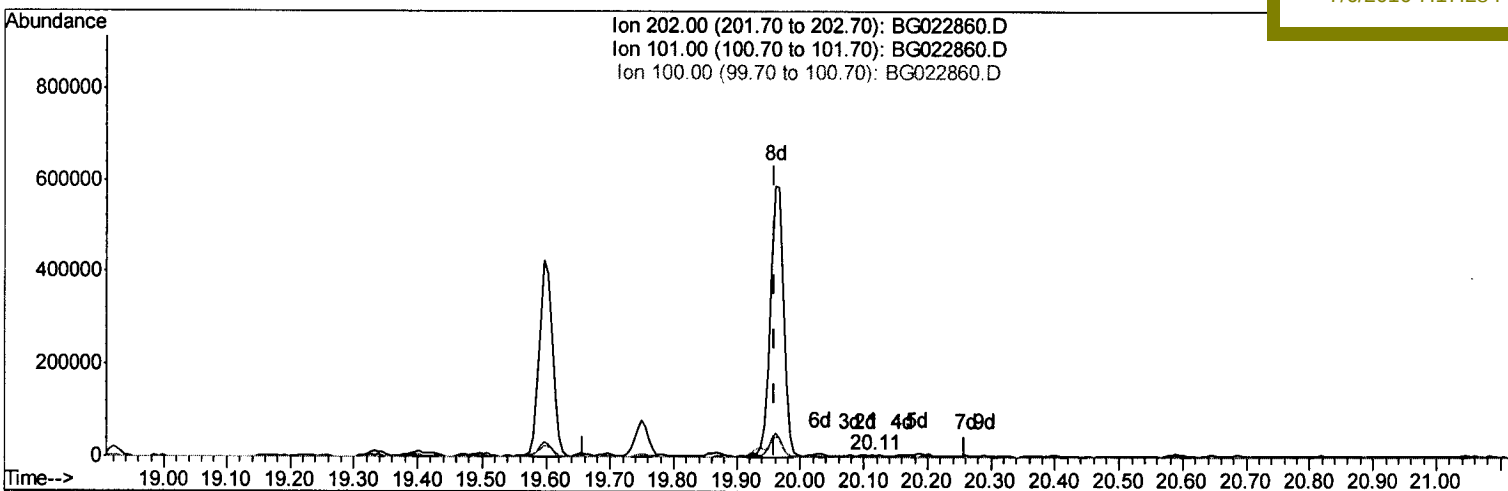
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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 Quant Title : SVOA CALIBRATION
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Manual Integration

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TIC: BG022860.D

(77) Pyrene

20.113min (+0.155) 0.02ng/ul

response 1438

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	18.52
100.00	12.80	12.78
0.00	0.00	0.00

Quantitation Report (Qedit)

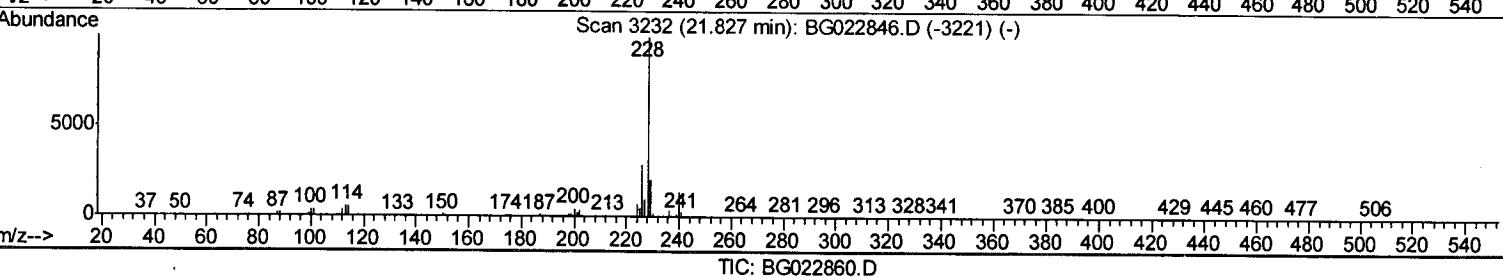
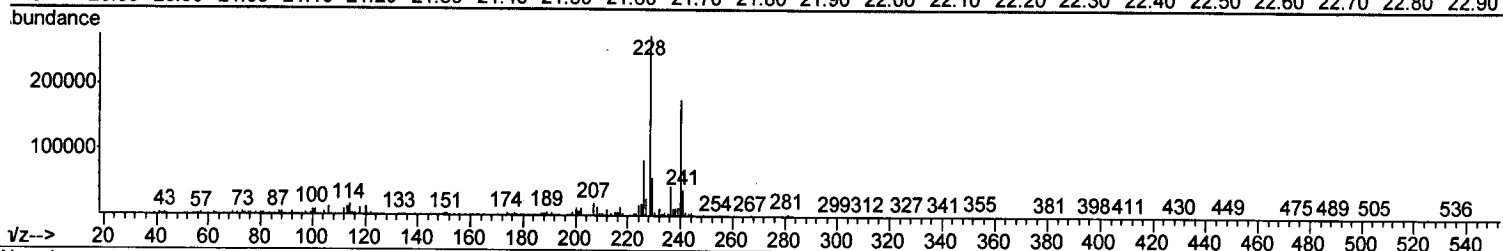
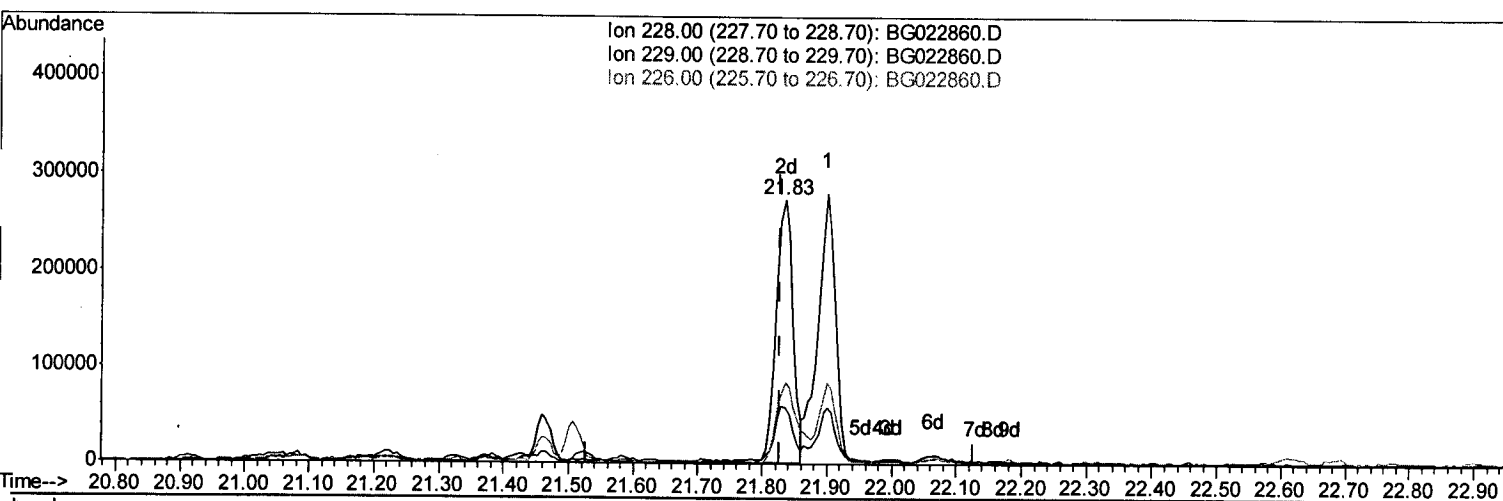
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
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 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG022860.D

(80) Benzo(a)anthracene

21.835min (+0.008) 6.64ng/ul m U.M
07/11/16

response 482104

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.44
226.00	28.50	30.56
0.00	0.00	0.00

Quantitation Report (Qedit)

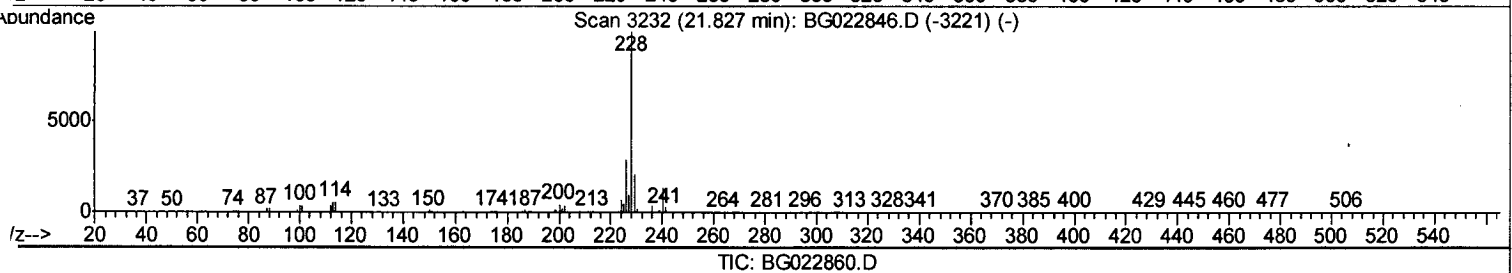
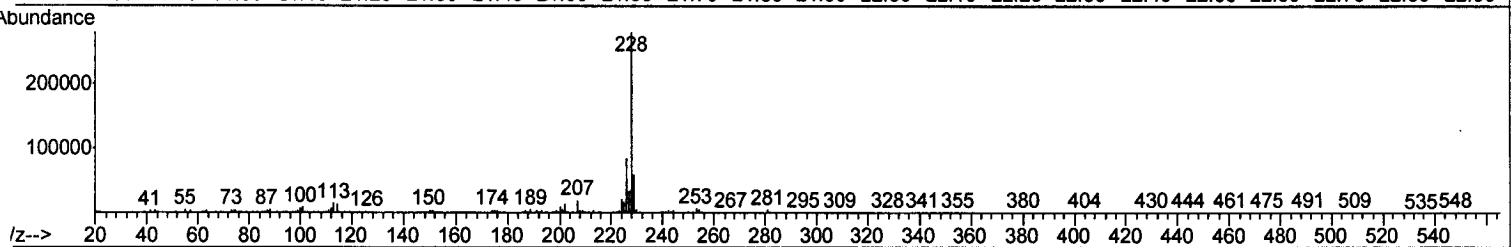
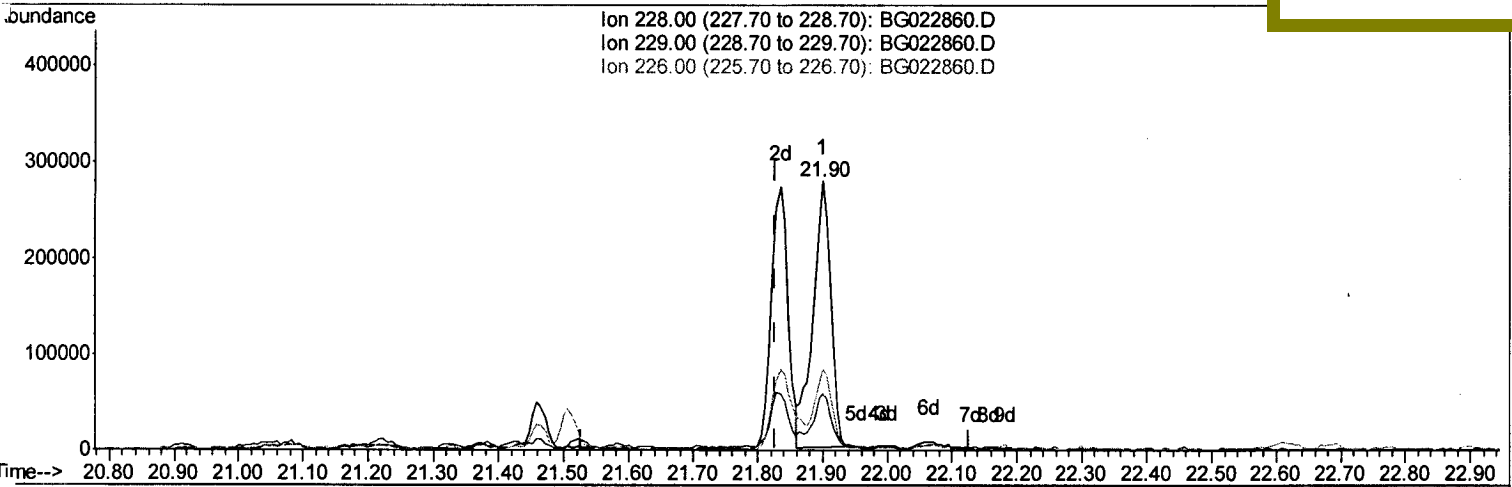
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW3

Manual Integration

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7/6/2016 7:17:28 PM

Quant Time: Jul 06 11:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration



(80) Benzo(a)anthracene

21.900min (+0.073) 7.28ng/ul

response 528639

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.04
226.00	28.50	30.15
0.00	0.00	0.00

Quantitation Report (Qedit)

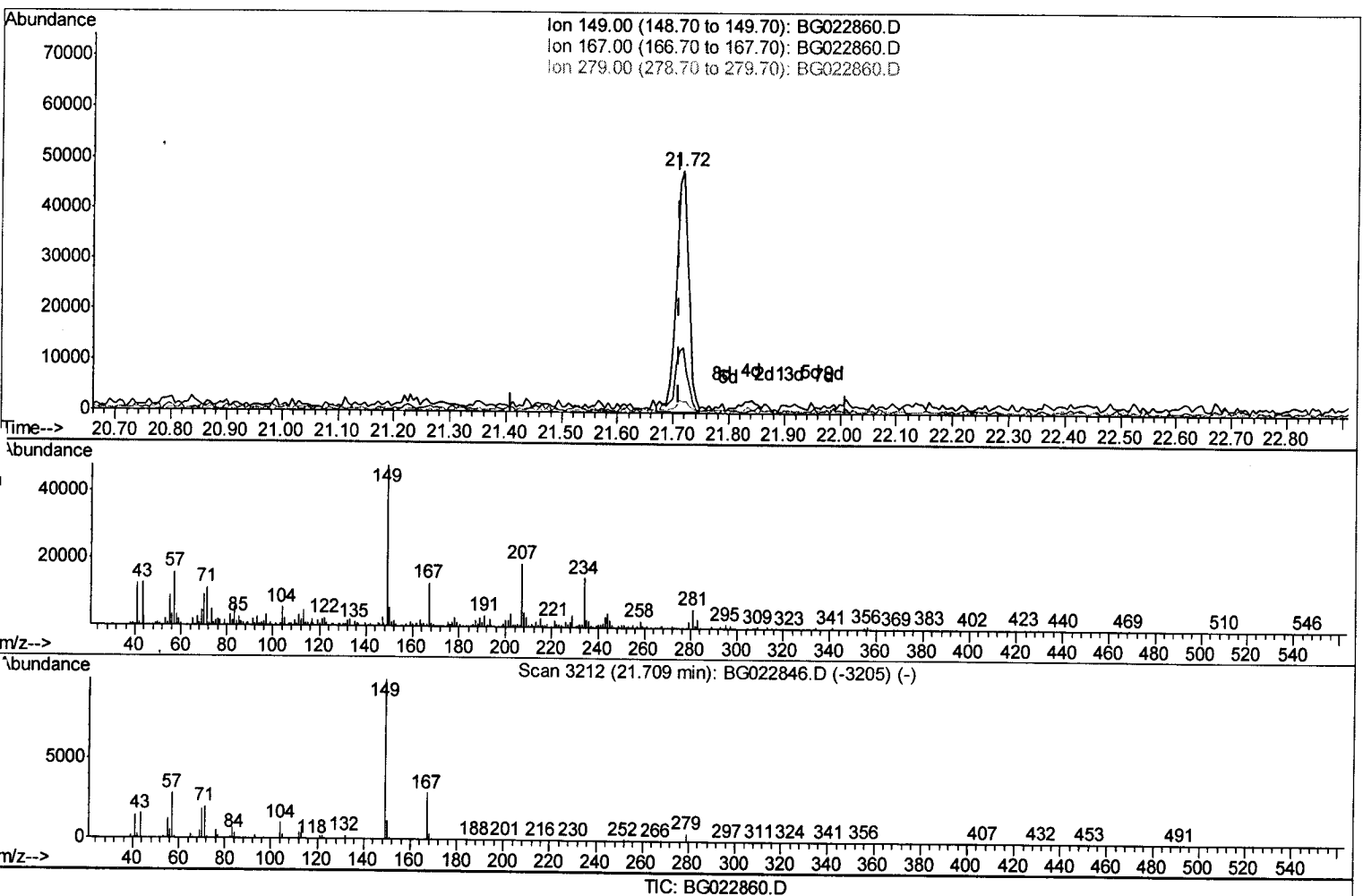
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

Quant Time: Jul 06 11:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

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(81) Bis(2-ethylhexyl)phthalate

21.717min (+0.008) 2.10ng/ul m

response 72996

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	27.03
279.00	3.60	4.78#
0.00	0.00	0.00

U.M
 07/11/16

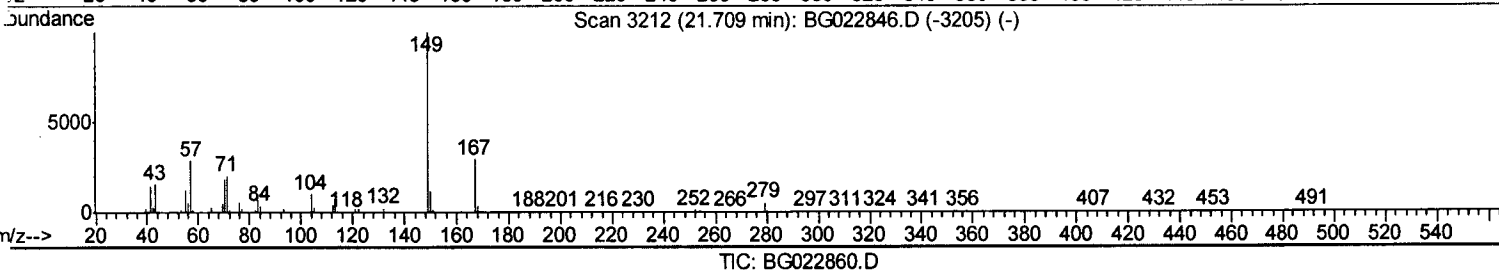
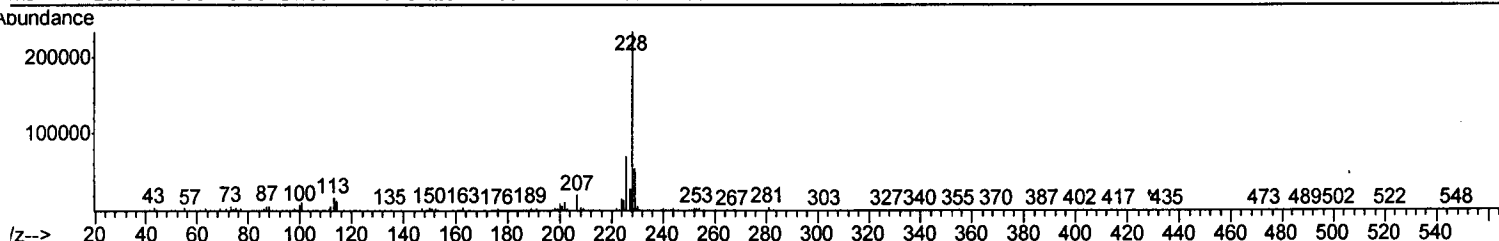
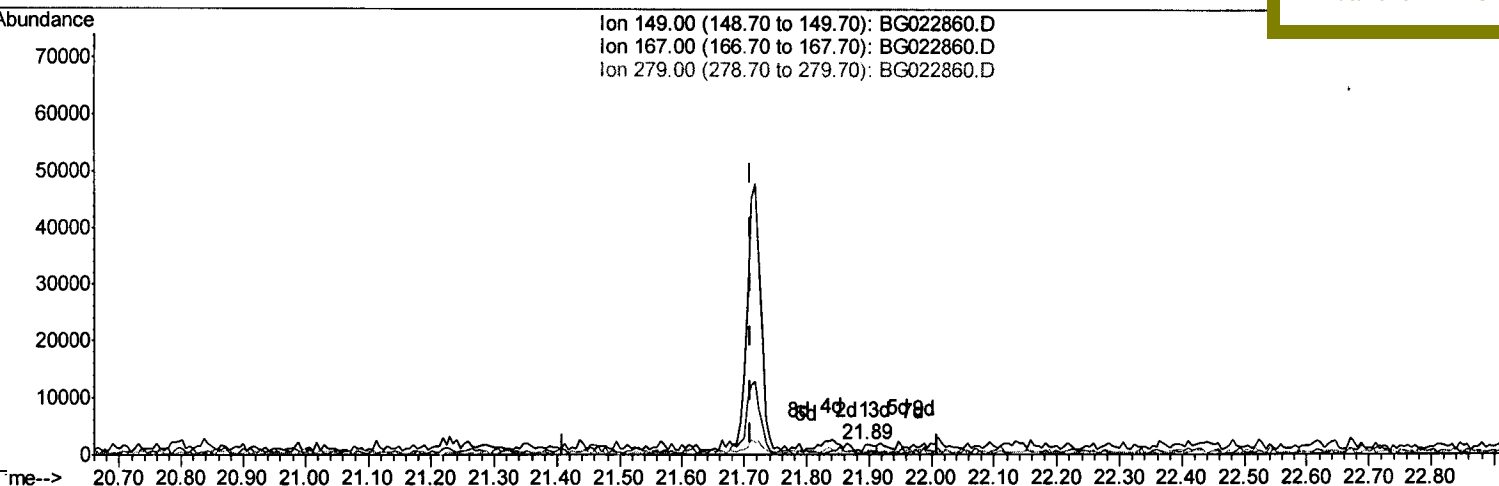
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022860.D
Acq On : 5 Jul 2016 21:26
Operator : UM/SJ
Sample : H3811-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW3

Quant Time: Jul 06 11:38:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Manual Integration

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(81) Bis(2-ethylhexyl)phthalate

21.894min (+0.184) 0.05ng/ul

response 1767

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	13.42#
279.00	3.60	28.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

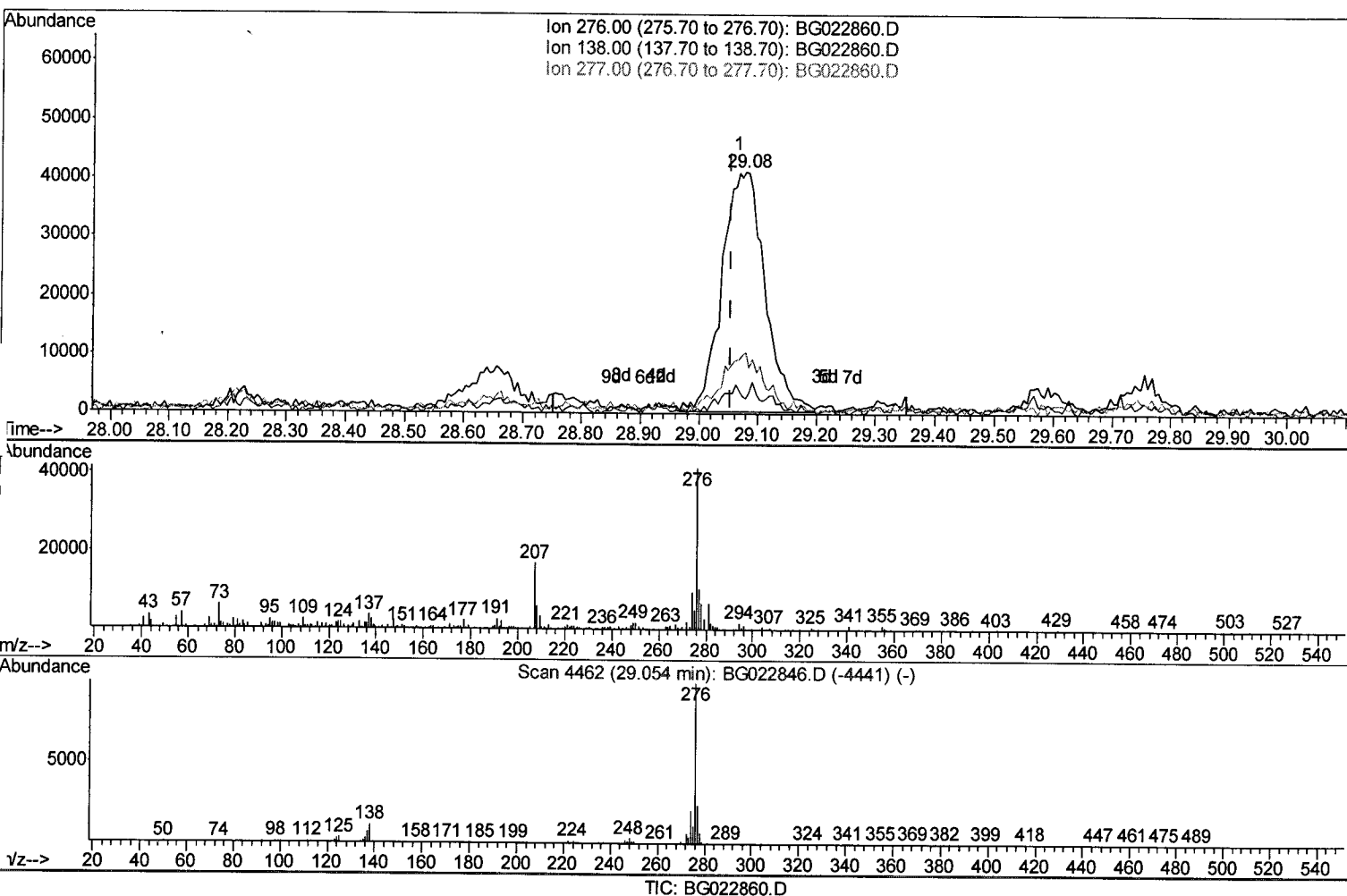
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 A4TW3

Manual Integration

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Quant Time: Jul 06 11:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration



(89) Indeno(1,2,3-cd)pyrene

29.079min (+0.026) 2.59ng/ul m

response 210005

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	6.51#
277.00	22.00	25.34
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

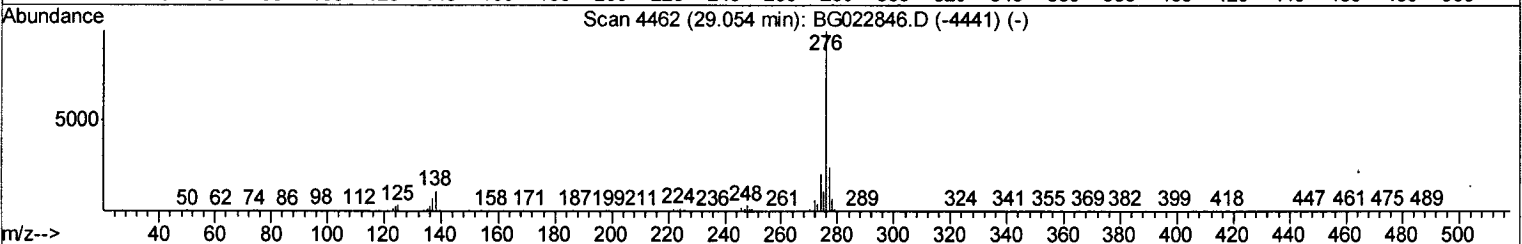
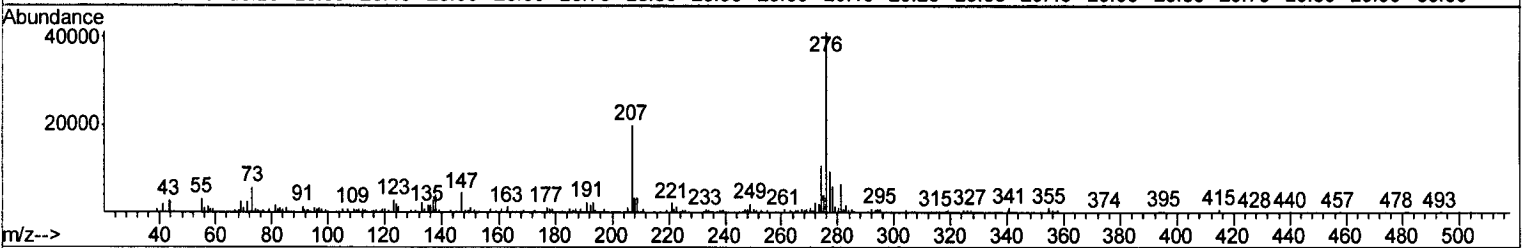
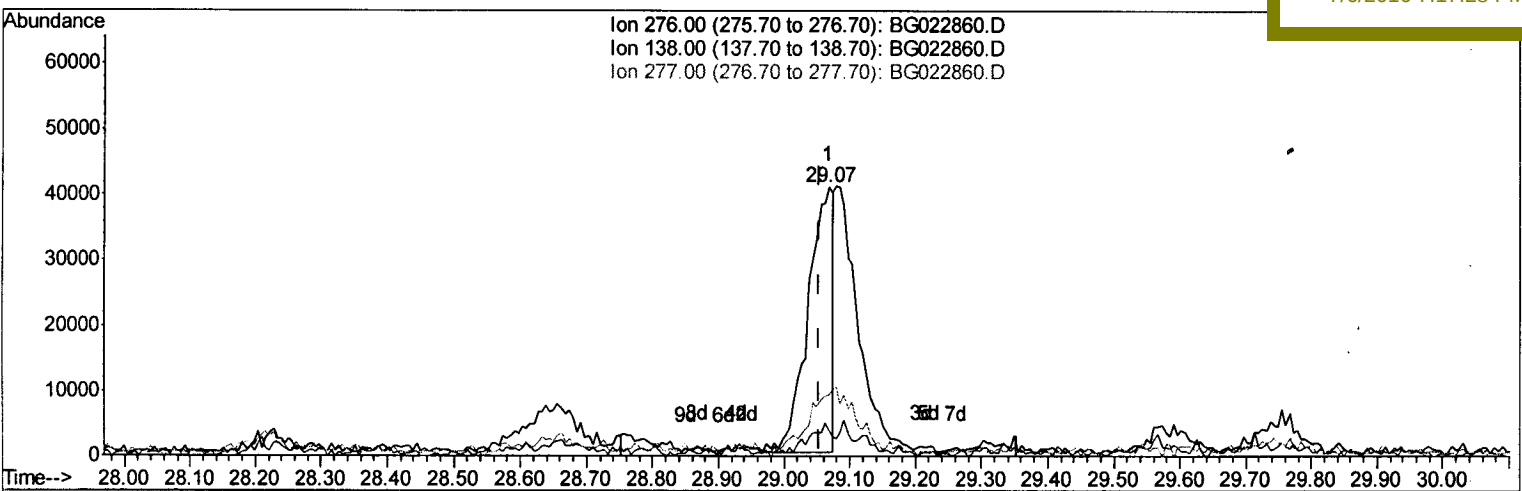
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:38:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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TIC: BG022860.D

(89) Indeno(1,2,3-cd)pyrene

29.068min (+0.014) 1.32ng/ul

response 107234

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	9.68#
277.00	22.00	22.86
0.00	0.00	0.00

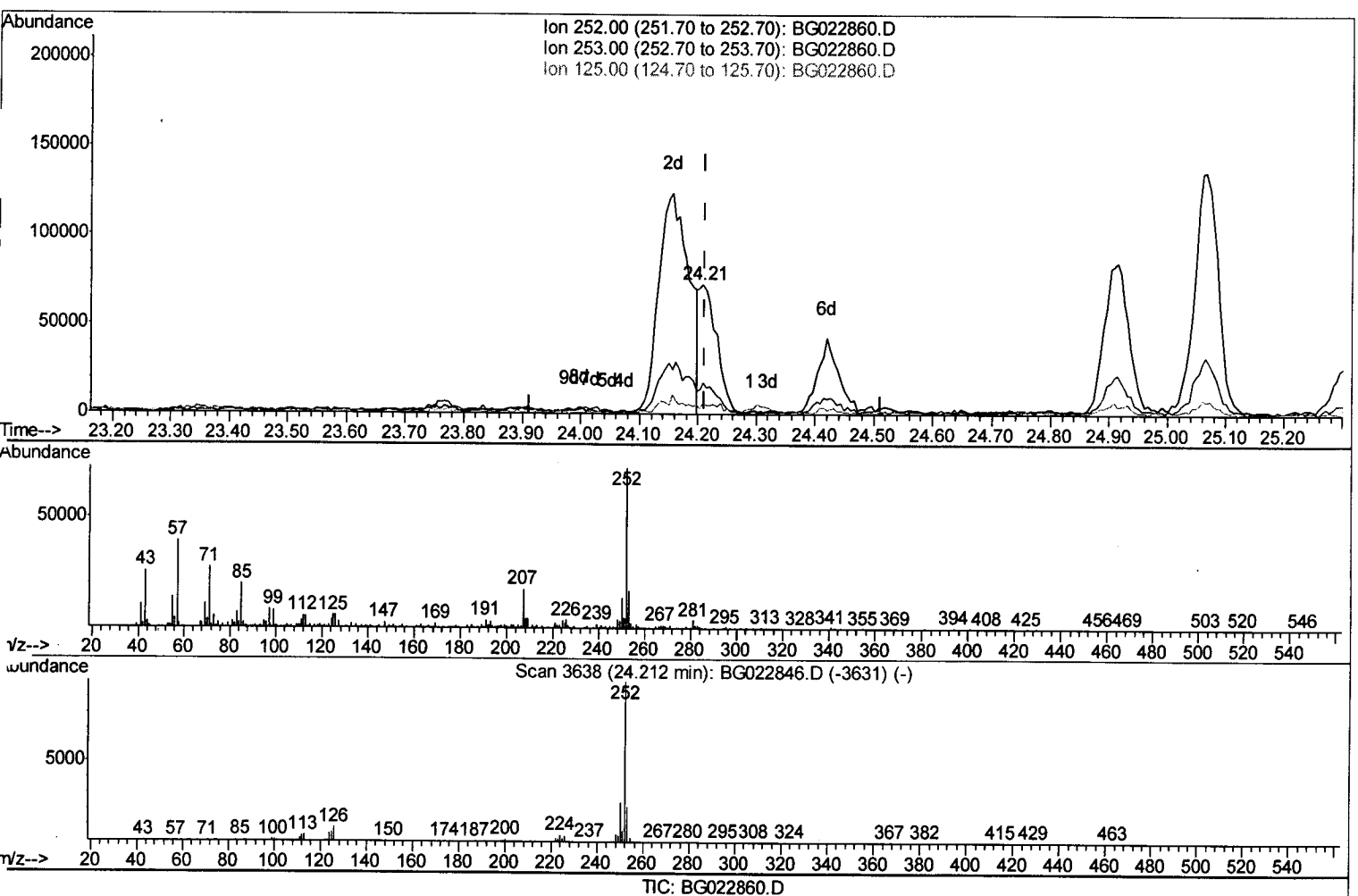
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Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\  
Data File : BG022860.D  
Acq On : 5 Jul 2016 21:26  
Operator : UM/SJ  
Sample : H3811-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
A4TW3

Manual Integration

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Quant Time: Jul 06 11:41:33 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.209min (-0.004) 2.05ng/ul m

response 155258

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.69#
125.00	13.30	8.30#
0.00	0.00	0.00

m V.M
07/11/16

Quantitation Report (Qedit)

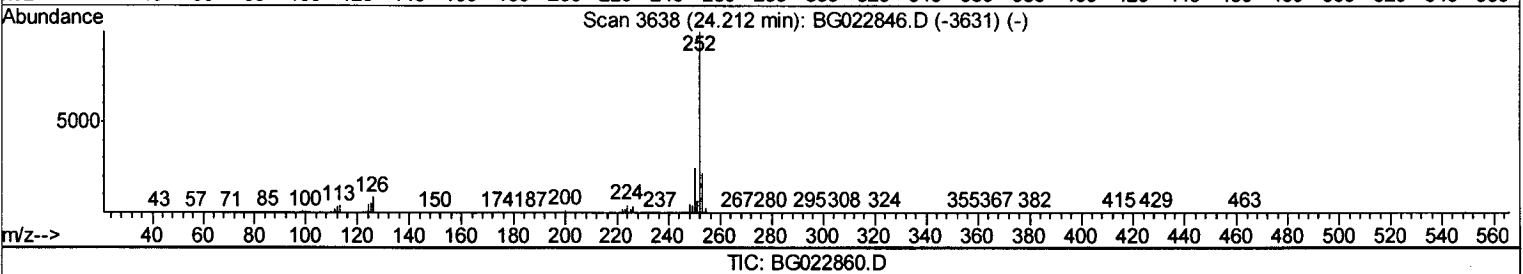
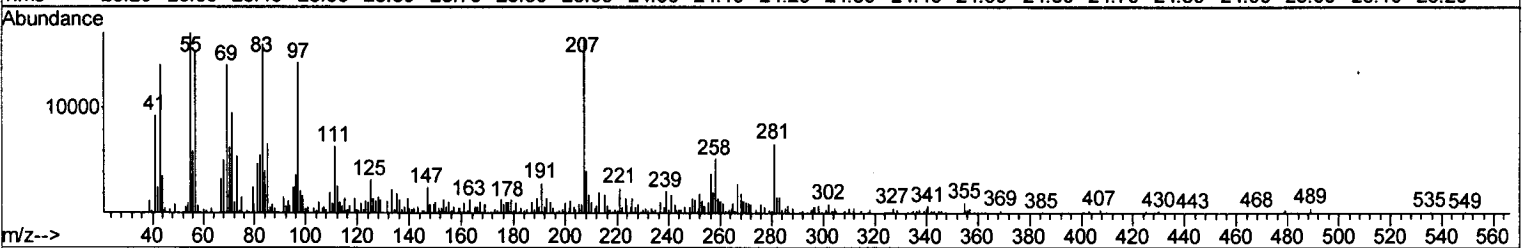
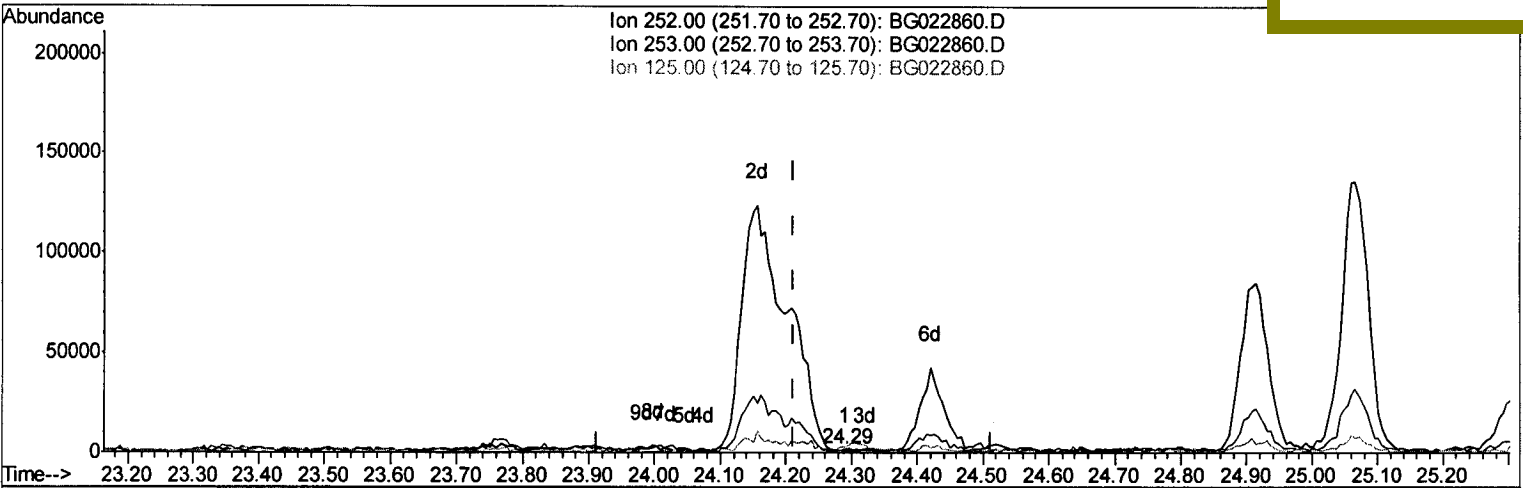
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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(86) Benzo(k)fluoranthene

24.291min (+0.079) 0.01ng/ui

response 857

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	67.94#
125.00	13.30	161.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

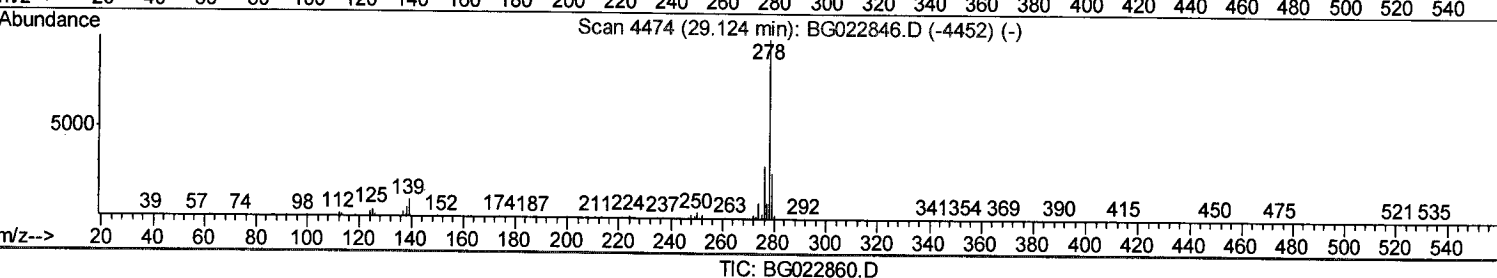
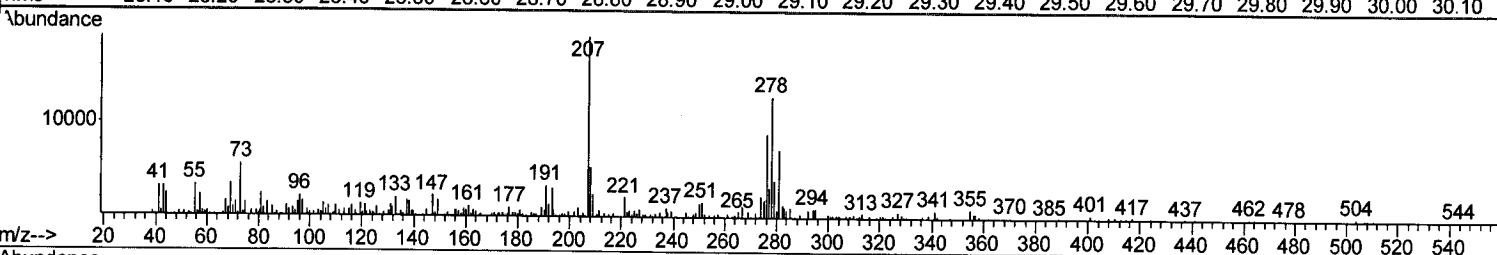
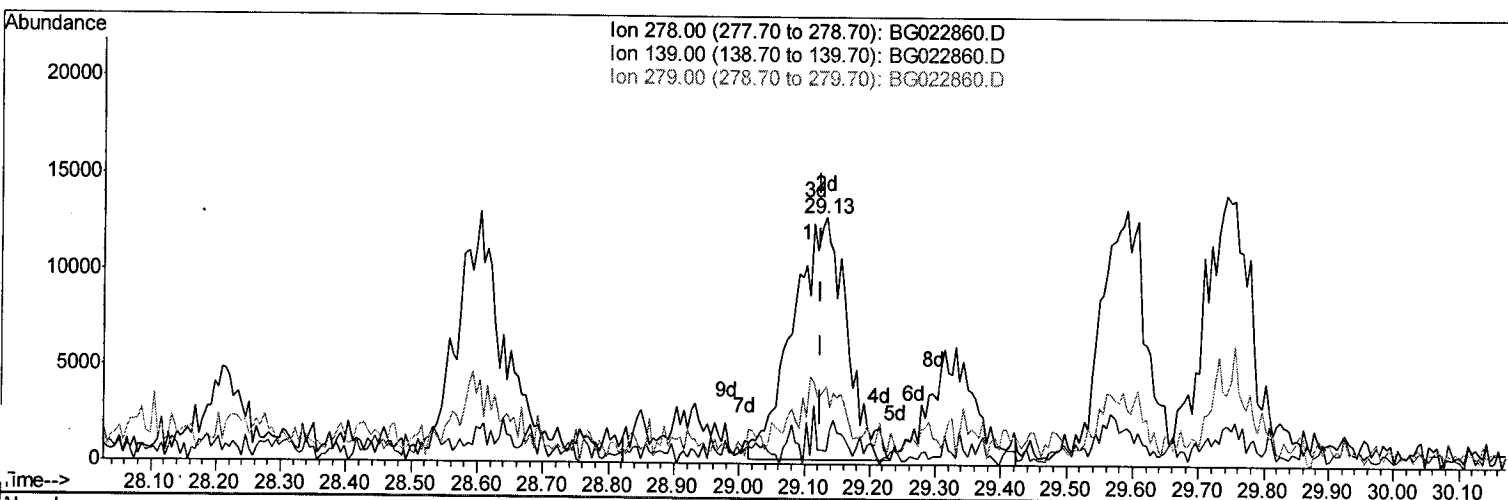
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Manual Integration

Quant Time: Jul 06 11:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

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(90) Dibenzo(a,h)anthracene

29.132min (+0.008) 1.07ng/ul m

response 72037

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	5.64#
279.00	23.90	31.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

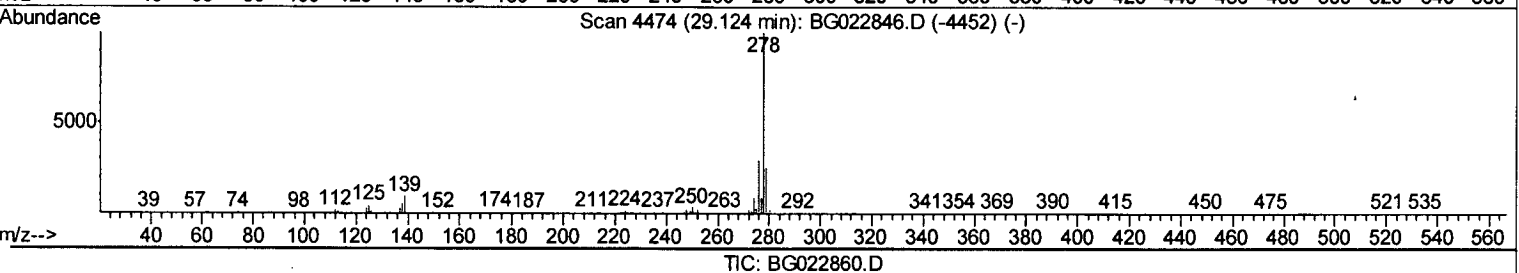
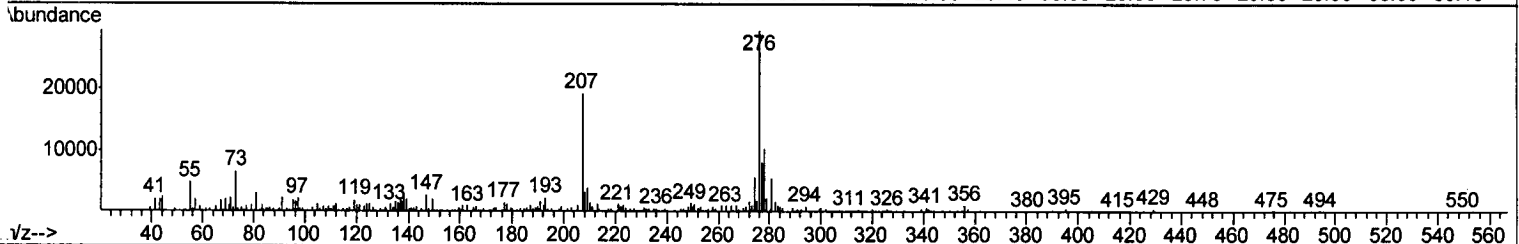
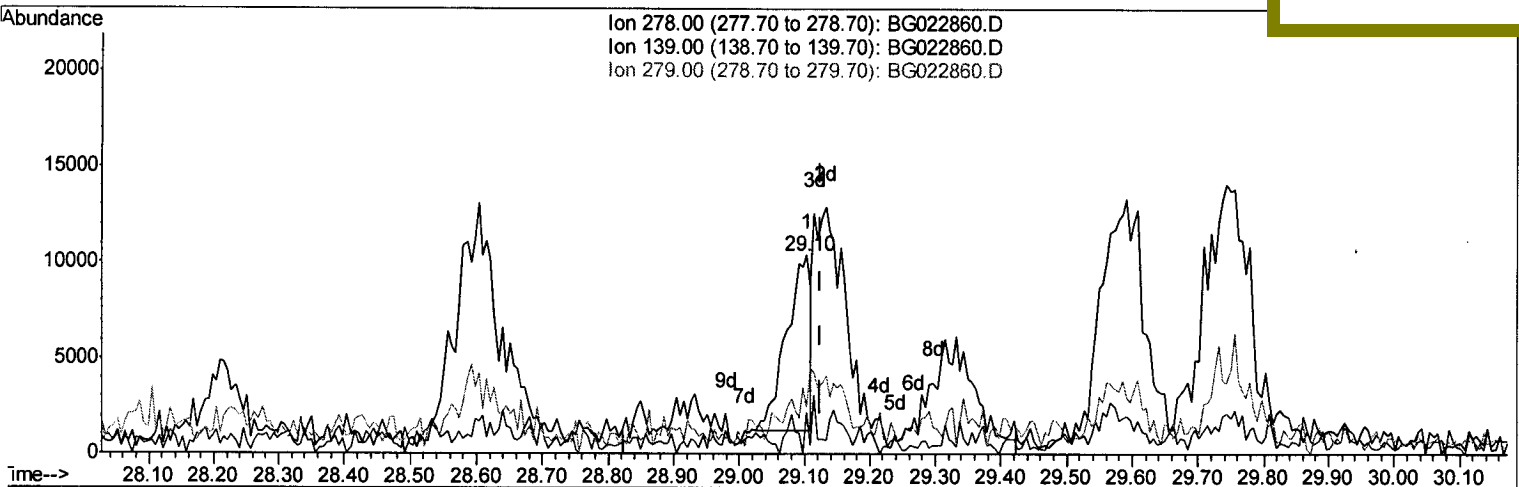
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:41:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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(90) Dibenzo(a,h)anthracene

29.103min (-0.021) 0.35ng/ul

response 23277

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	21.06
279.00	23.90	23.70
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022860.D
 Acq On : 5 Jul 2016 21:26
 Operator : UM/SJ
 Sample : H3811-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW3

Quant Time: Jul 06 11:45:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	151922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	697074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	519969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1156183m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1237941m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1291299	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	6426	2.36	ng/uL	0.00
5) Phenol-d5	7.31	99	391581	24.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	234793	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	262774	24.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	310126	24.98	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	141317	25.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	168739	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	342262	24.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	228021	19.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1097442	25.98	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1272819	26.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	149370	22.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	1041933	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	191408m	25.74	ng/ul	0.00
70) Anthracene-d10	17.65	188	1404900	26.14	ng/ul	0.00
76) Pyrene-d10	19.94	212	1649133m	27.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1643517	26.79	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	7.29	77	24329	2.39 ng/ul#	70
6) Phenol	7.33	94	22597	1.38 ng/ul#	59
44) Dimethylphthalate	14.24	163	332751	7.71 ng/ul	98
69) Phenanthrene	17.60	178	362140m	6.12 ng/ul	
71) Anthracene	17.69	178	62500	1.03 ng/ul	95
74) Fluoranthene	19.60	202	627148m	10.18 ng/ul	
77) Pyrene	19.96	202	876973m	12.65 ng/ul	
80) Benzo(a)anthracene	21.83	228	482104m	6.64 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	72996m	2.10 ng/ul	
82) Chrysene	21.90	228	529440	8.01 ng/ul	98
85) Benzo(b)fluoranthene	24.16	252	436075	5.40 ng/ul#	92
86) Benzo(k)fluoranthene	24.21	252	155258m	2.05 ng/ul	
88) Benzo(a)pyrene	25.07	252	376972	4.92 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.08	276	210005m	2.59 ng/ul	
90) Dibenzo(a,h)anthracene	29.13	278	72037m	1.07 ng/ul	
91) Benzo(g,h,i)perylene	30.27	276	181325	2.85 ng/ul#	77

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