

(QT Reviewed)

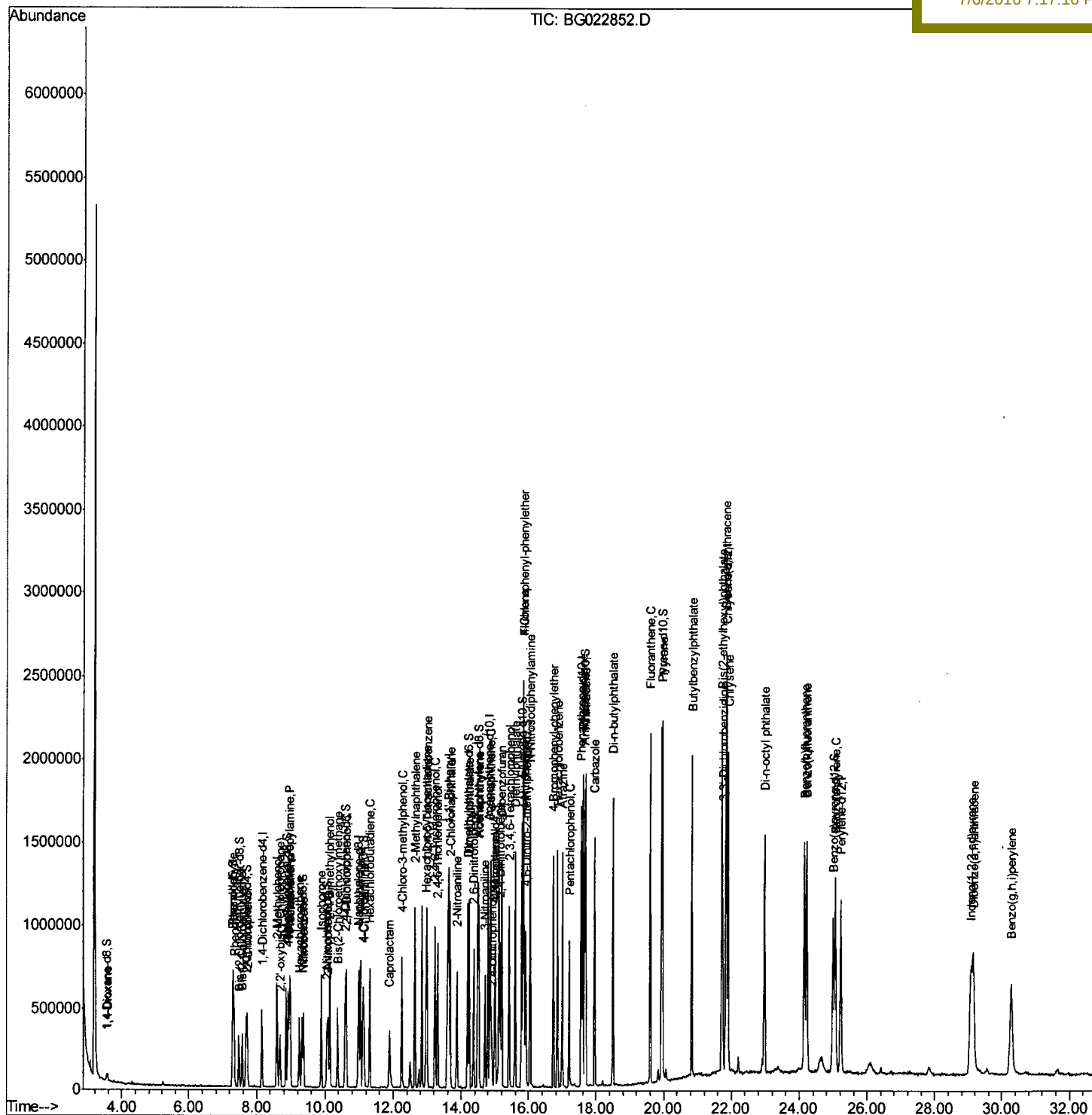
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG070516\  
Data File  : BG022852.D  
Acq On     : 5 Jul 2016 15:57  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Quant Time: Jul 06 04:05:41 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
LabSampleId :
SSTD02021

Manual Integratio

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Quantitation Report (Qedit)

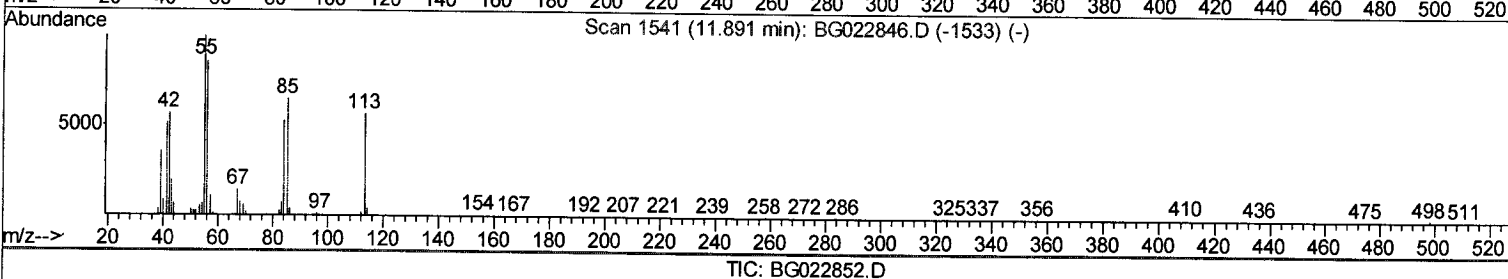
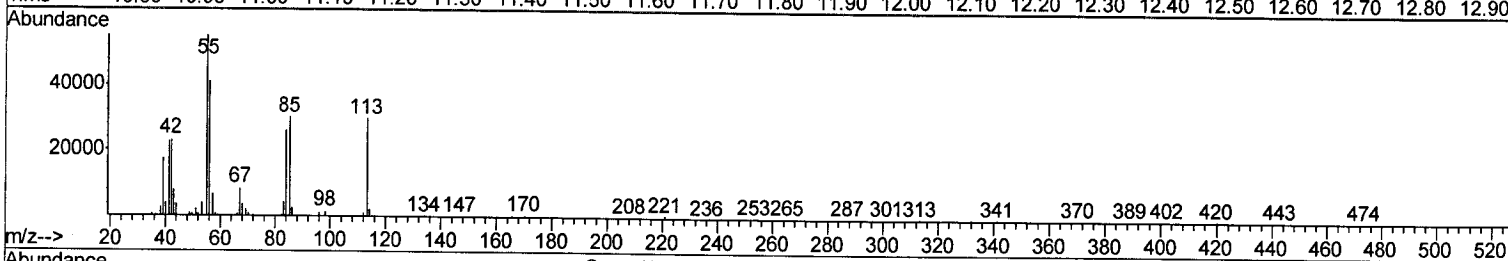
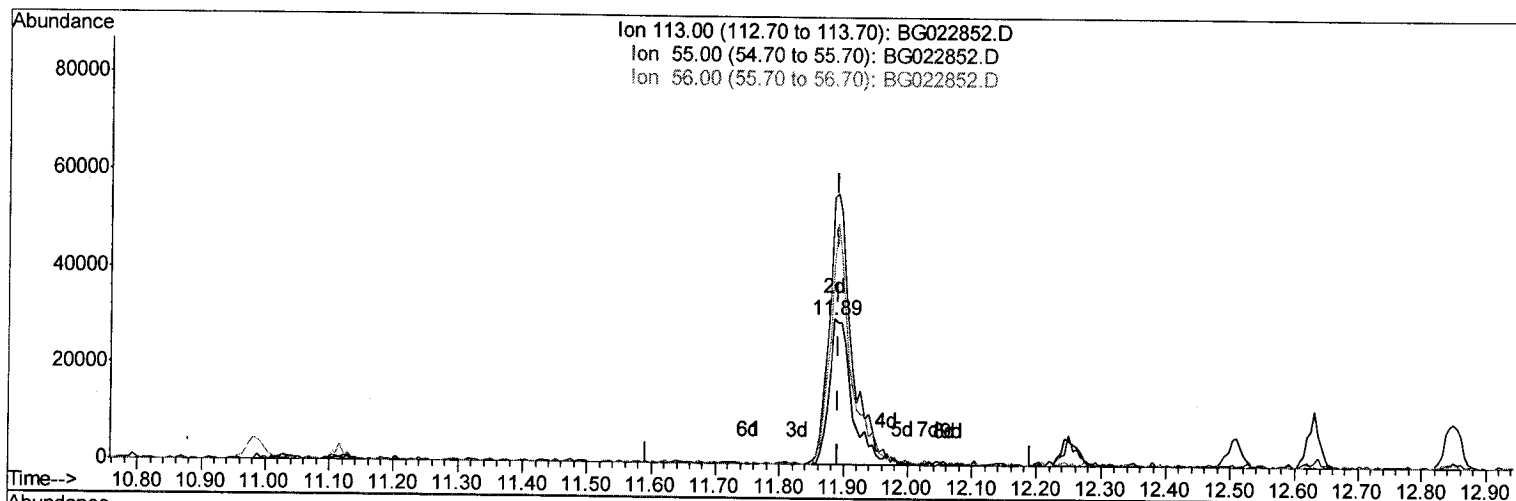
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

Quant Time: Jul 06 03:59:26 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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TIC: BG022852.D

(32) Caprolactam

11.885min (-0.006) 19.80ng/ul m U.M

response 76272

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	184.38#
56.00	83.00	137.28#
0.00	0.00	0.00

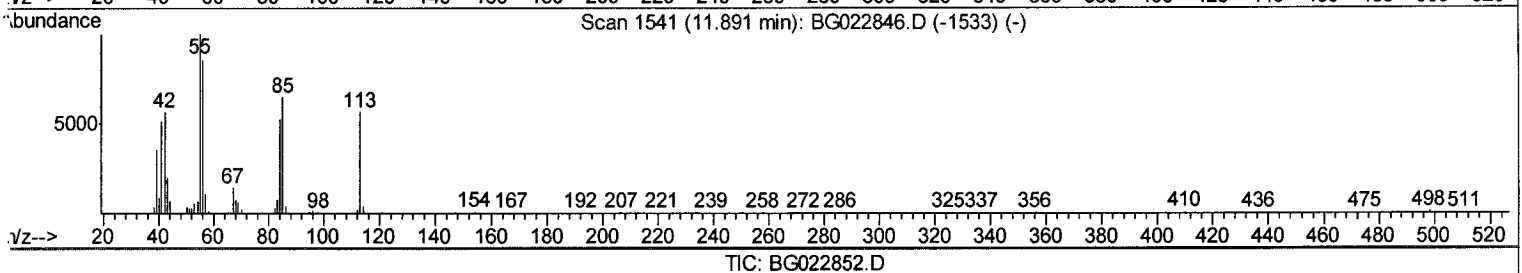
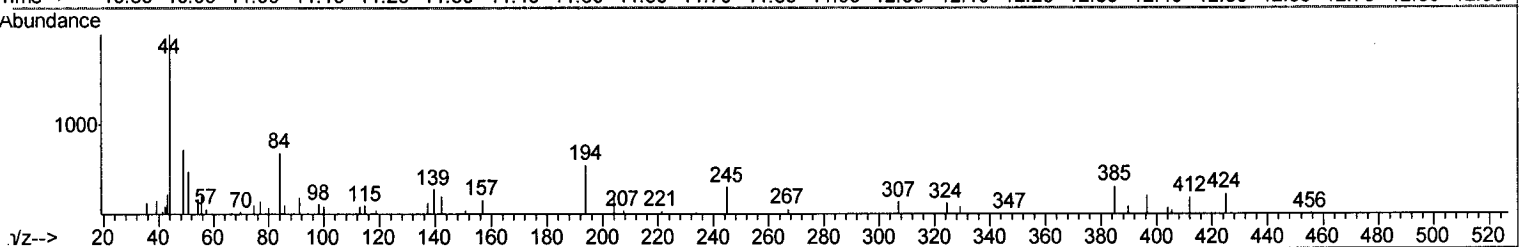
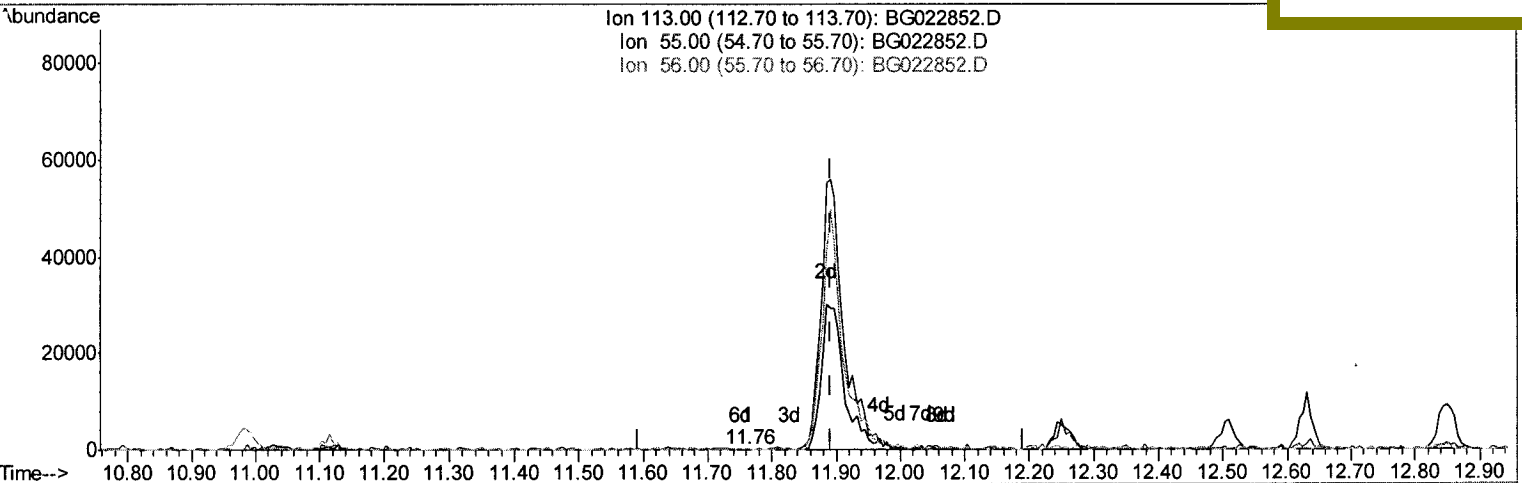
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(32) Caprolactam

11.762min (-0.129) 0.02ng/ul

response 81

Ion	Exp%	Act%
113.00	100	100
55.00	124.50	140.87
56.00	83.00	68.26
0.00	0.00	0.00

Quantitation Report (Qedit)

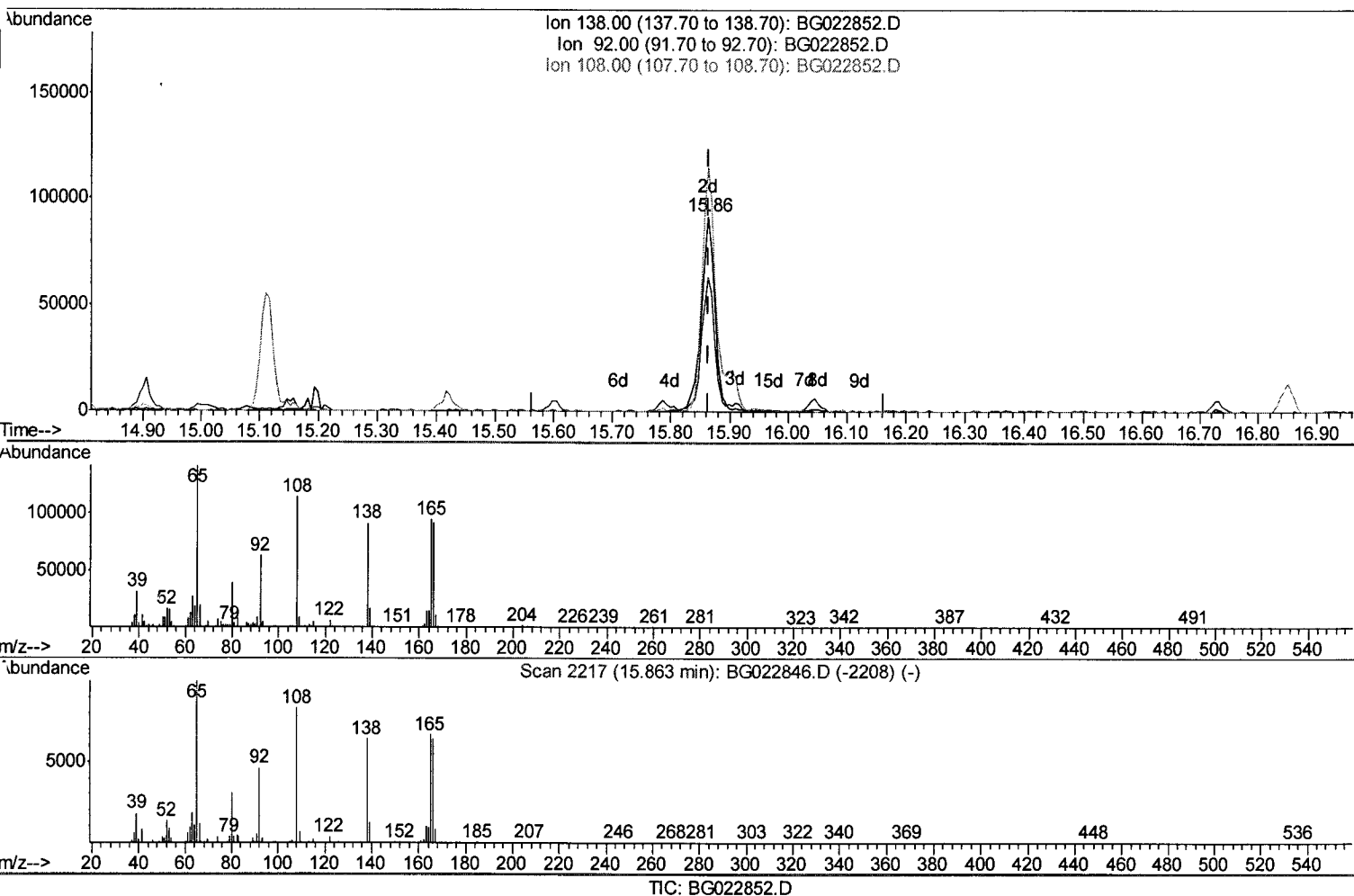
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(60) 4-Nitroaniline

15.863min (-0.000) 19.97ng/ul m

response 153358

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	68.71#
108.00	61.50	124.99#
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

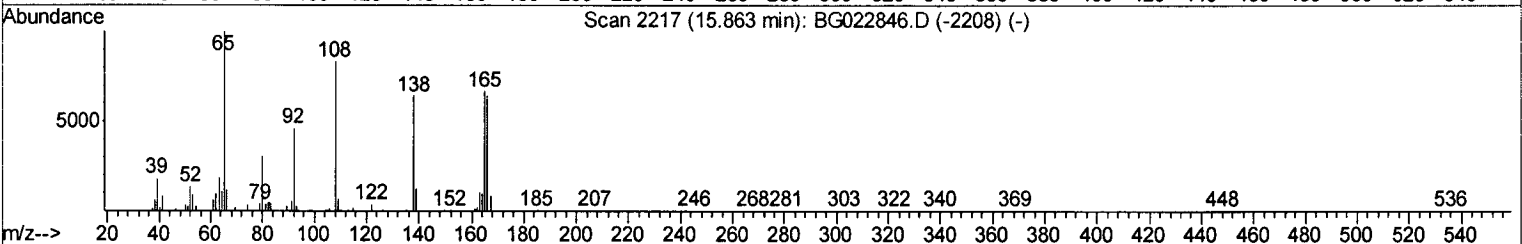
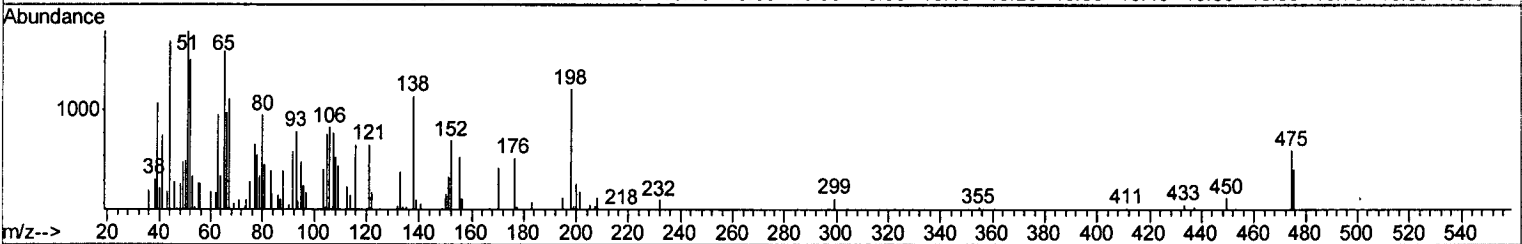
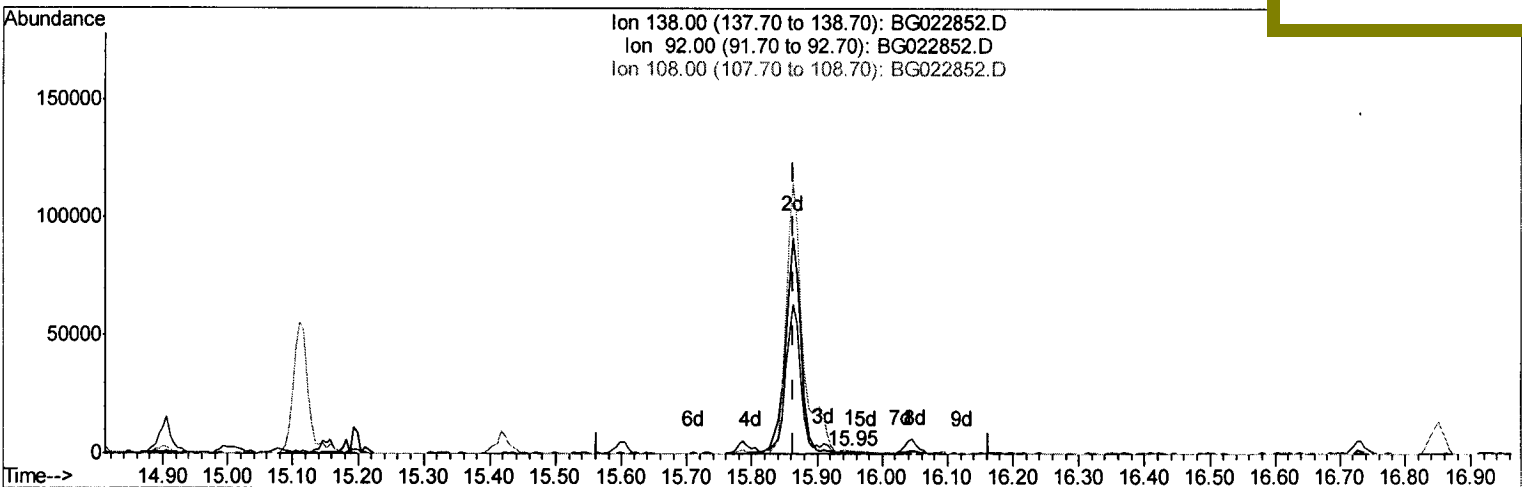
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
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TIC: BG022852.D

(60) 4-Nitroaniline

15.951min (+0.088) 0.08ng/ul

response 586

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	57.86
108.00	61.50	53.28
0.00	0.00	0.00

Quantitation Report (Qedit)

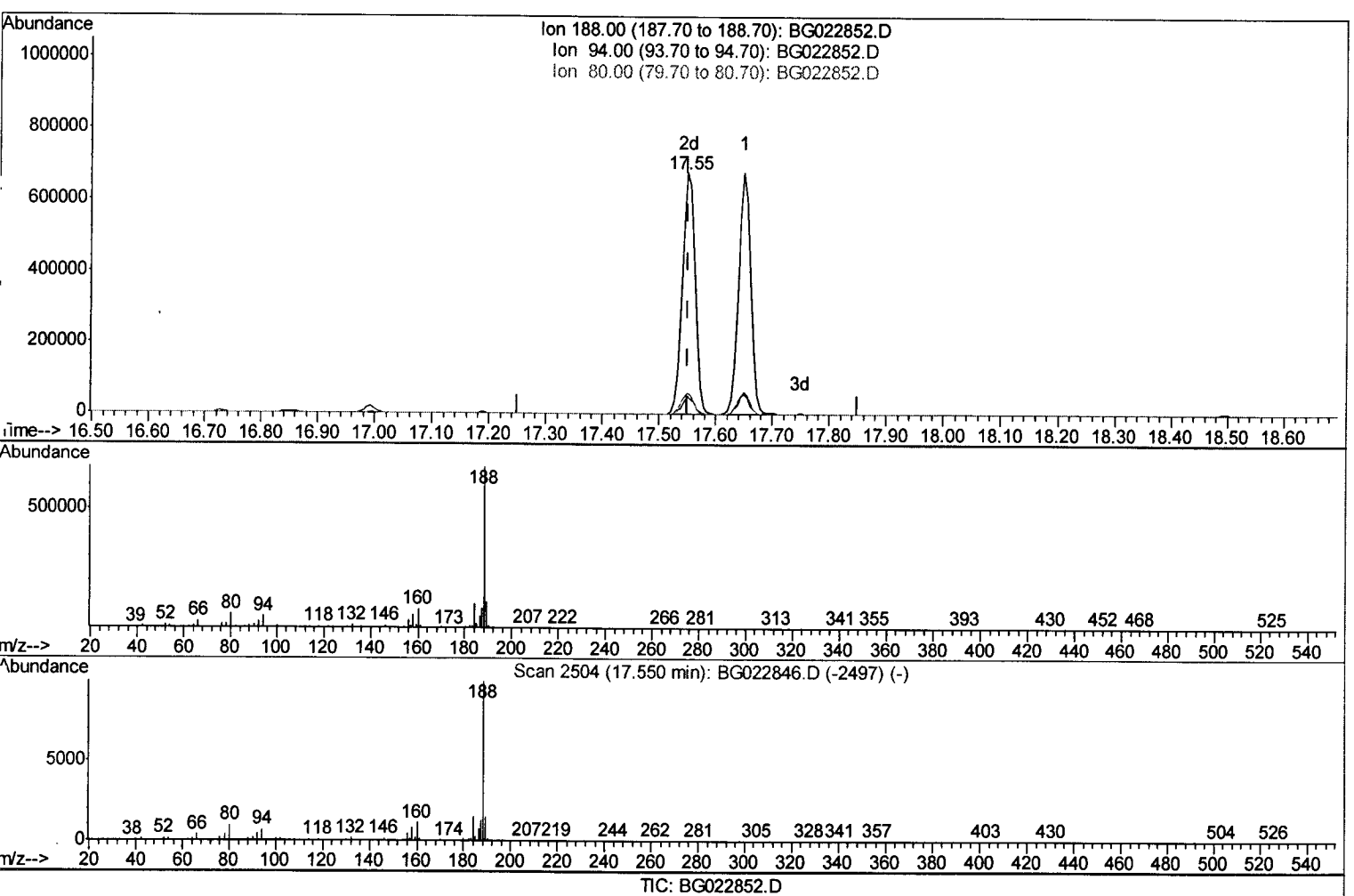
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(61) Phenanthrene-d10 (I)

17.549min (-0.000) 20.00ng/ul m

response 1079850

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.32#
80.00	10.90	8.79
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

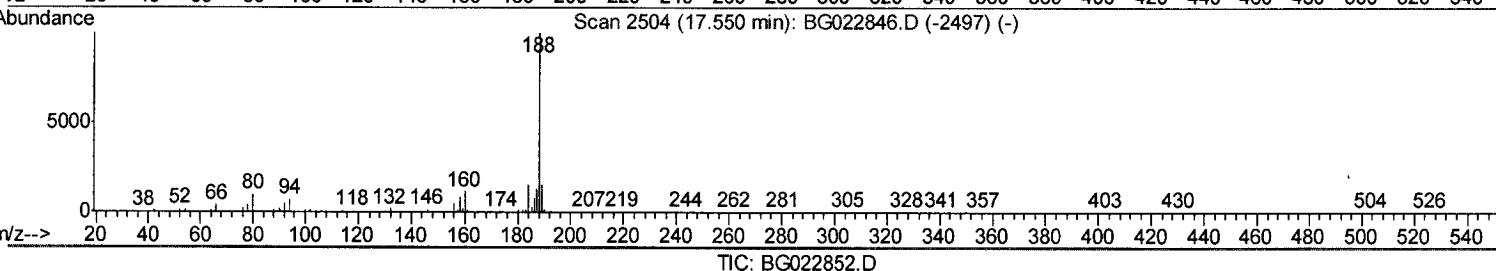
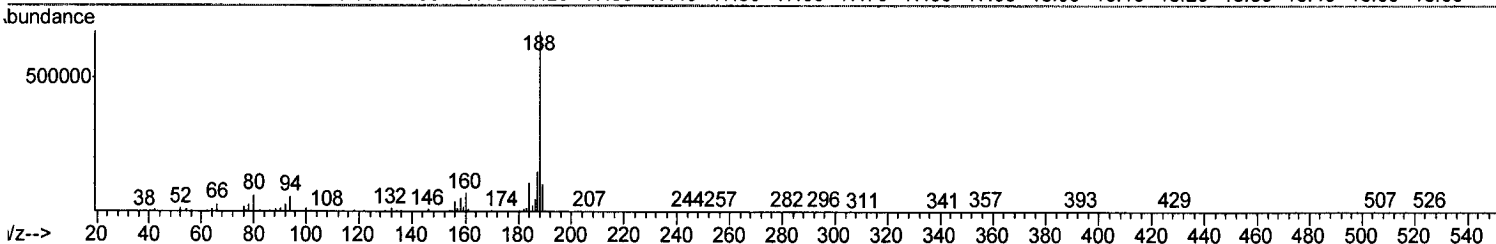
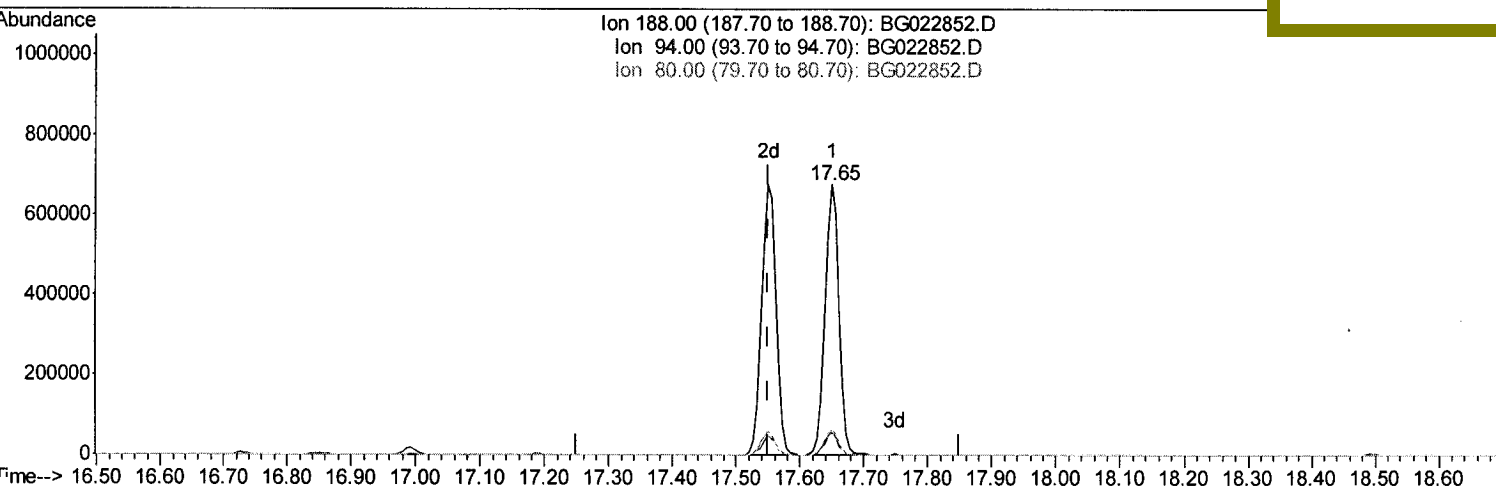
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

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TIC: BG022852.D

(61) Phenanthrene-d10 (I)

17.649min (+0.100) 20.00ng/ul

response 1036991

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.32
80.00	10.90	9.09
0.00	0.00	0.00

Quantitation Report (Qedit)

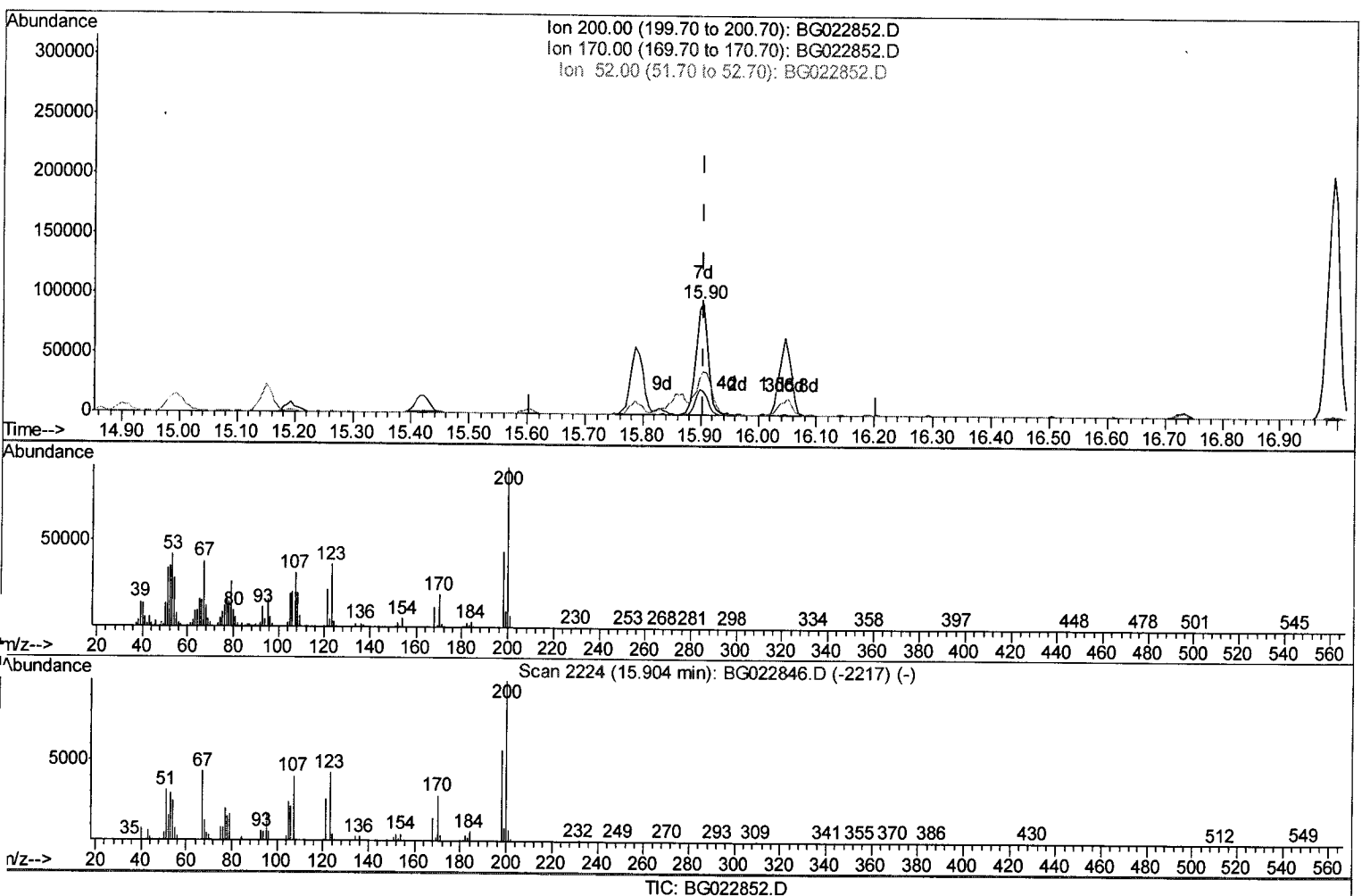
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

Quant Time: Jul 06 03:59:26 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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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.904min (-0.000) 20.17ng/ul m

response 140082

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	20.36#
52.00	32.20	38.05
0.00	0.00	0.00

U.M
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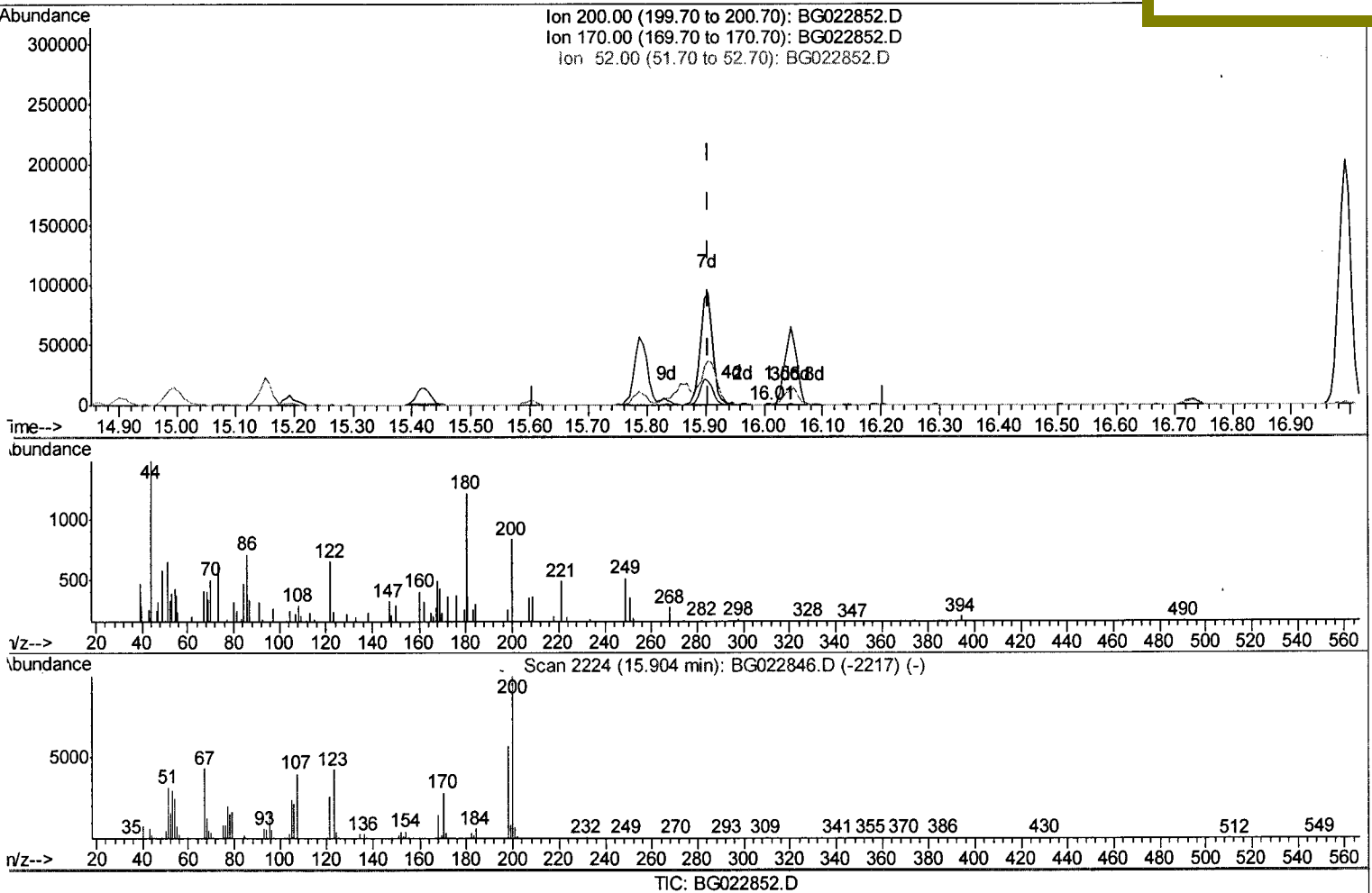
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Quant Time: Jul 06 03:59:26 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
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Manual Integration

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

16.010min (+0.106) 0.15ng/ul

response 1010

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	27.22#
52.00	32.20	38.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

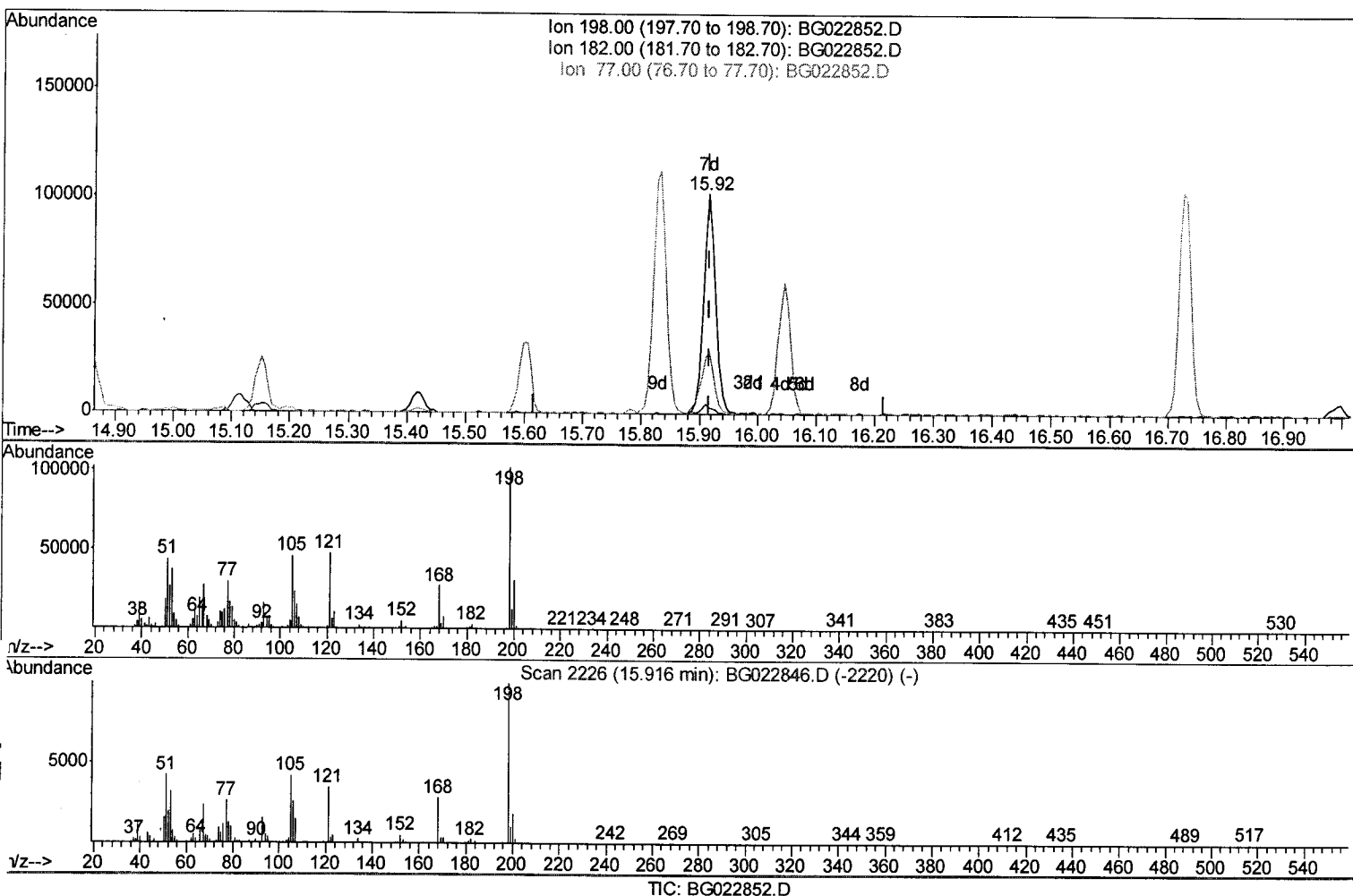
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(63) 4,6-Dinitro-2-methylphenol

15.916min (-0.000) 20.02ng/ul m U.M
 response 147328 07/11/16

Ion	Exp%	Act%
198.00	100	100
182.00	5.20	3.18#
77.00	20.90	29.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

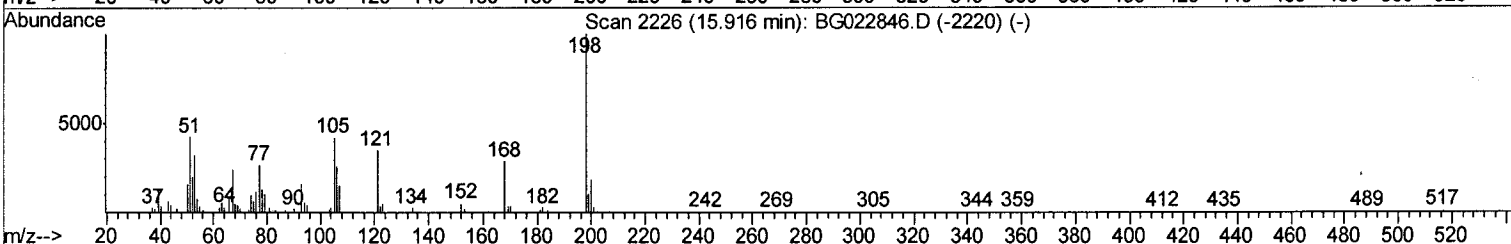
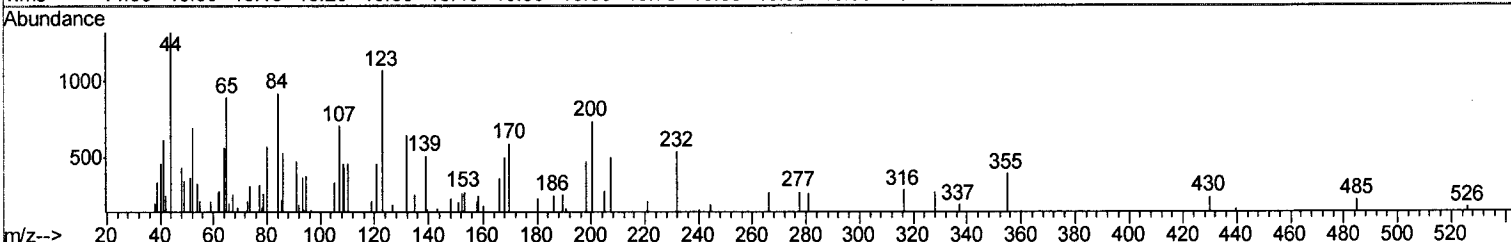
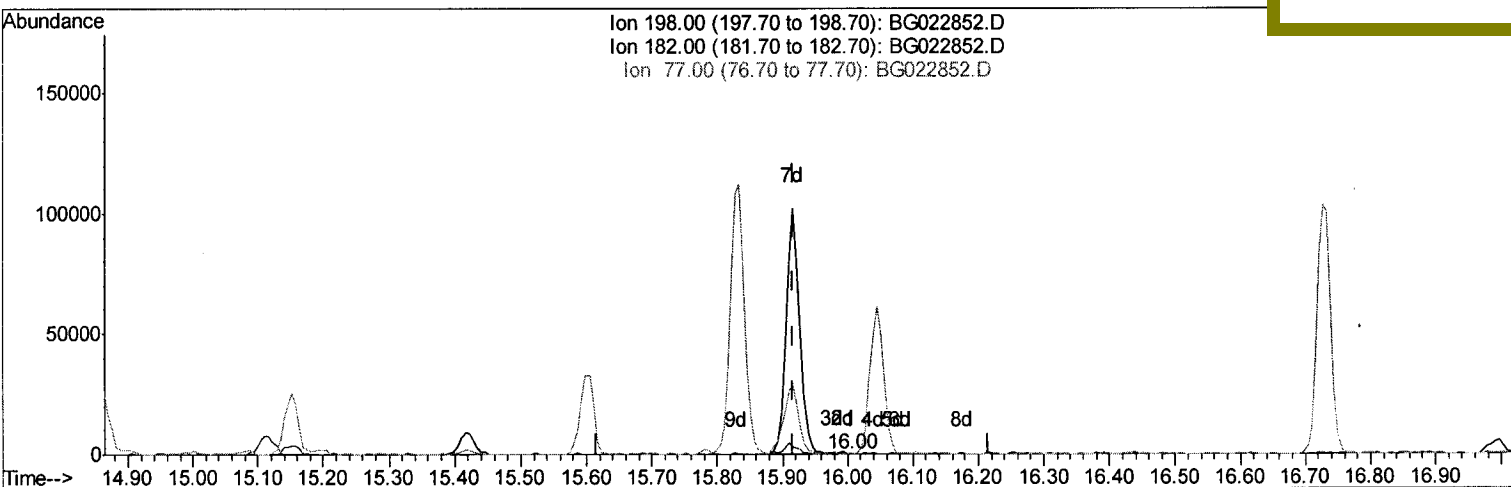
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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: BG022852.D

(63) 4,6-Dinitro-2-methylphenol

16.004min (+0.088) 0.04ng/ul

response 259

Ion	Exp%	Act%
198.00	100	100
182.00	5.20	0.00#
77.00	20.90	68.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

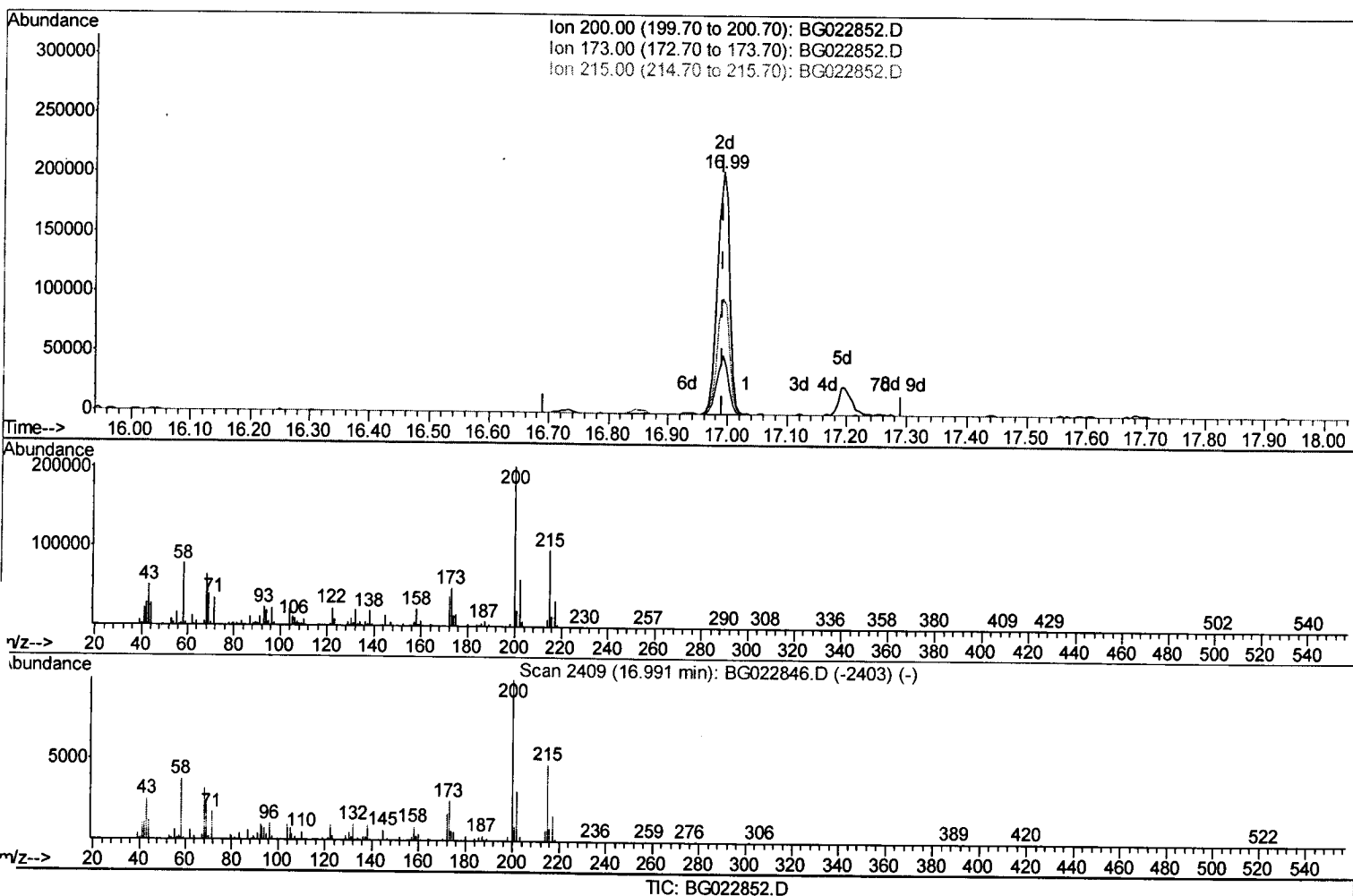
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(67) Atrazine

16.991min (-0.000) 21.35ng/ul m U.M

response 283151

07/11/16

Ion	Exp%	Act%
200.00	100	100
173.00	26.30	23.96
215.00	47.40	47.76
0.00	0.00	0.00

Quantitation Report (Qedit)

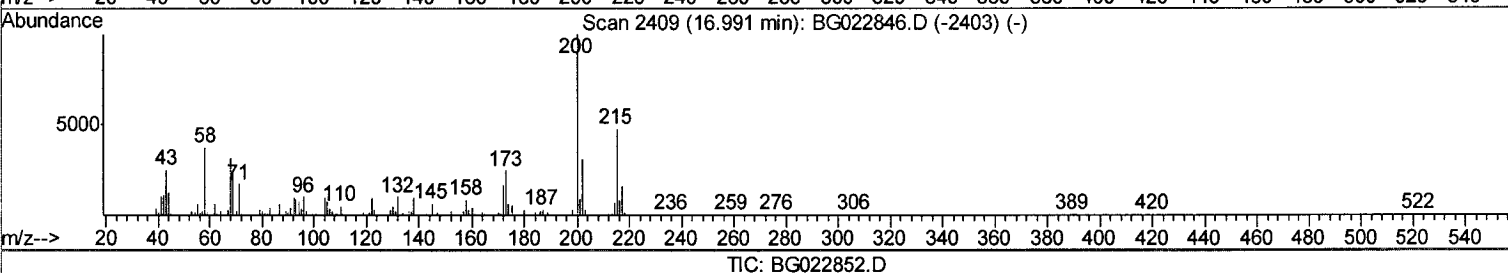
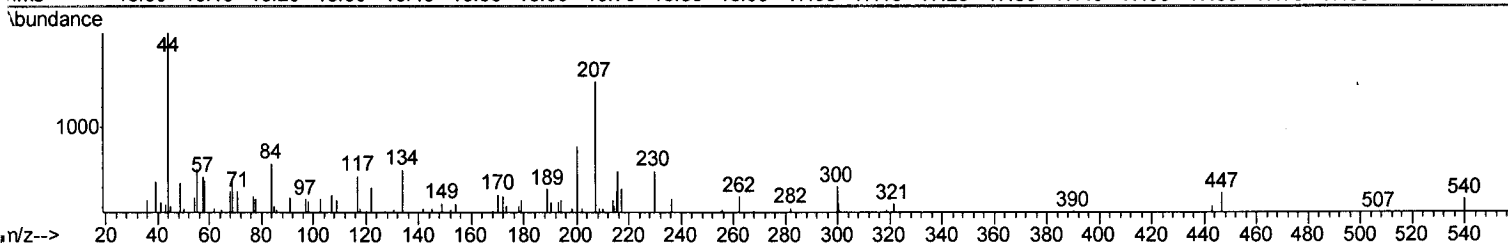
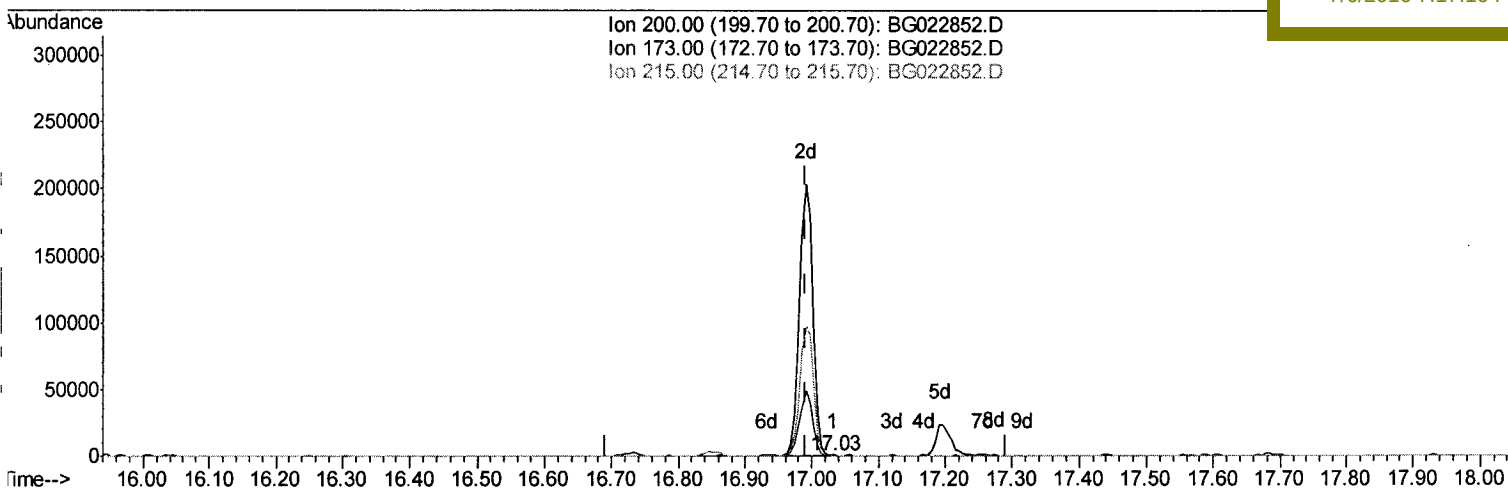
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Quant Time: Jul 06 03:59:26 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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(67) Atrazine

17.032min (+0.041) 0.03ng/ul

response 342

Ion	Exp%	Act%
200.00	100	100
173.00	26.30	27.59
215.00	47.40	44.57
0.00	0.00	0.00

Quantitation Report (Qedit)

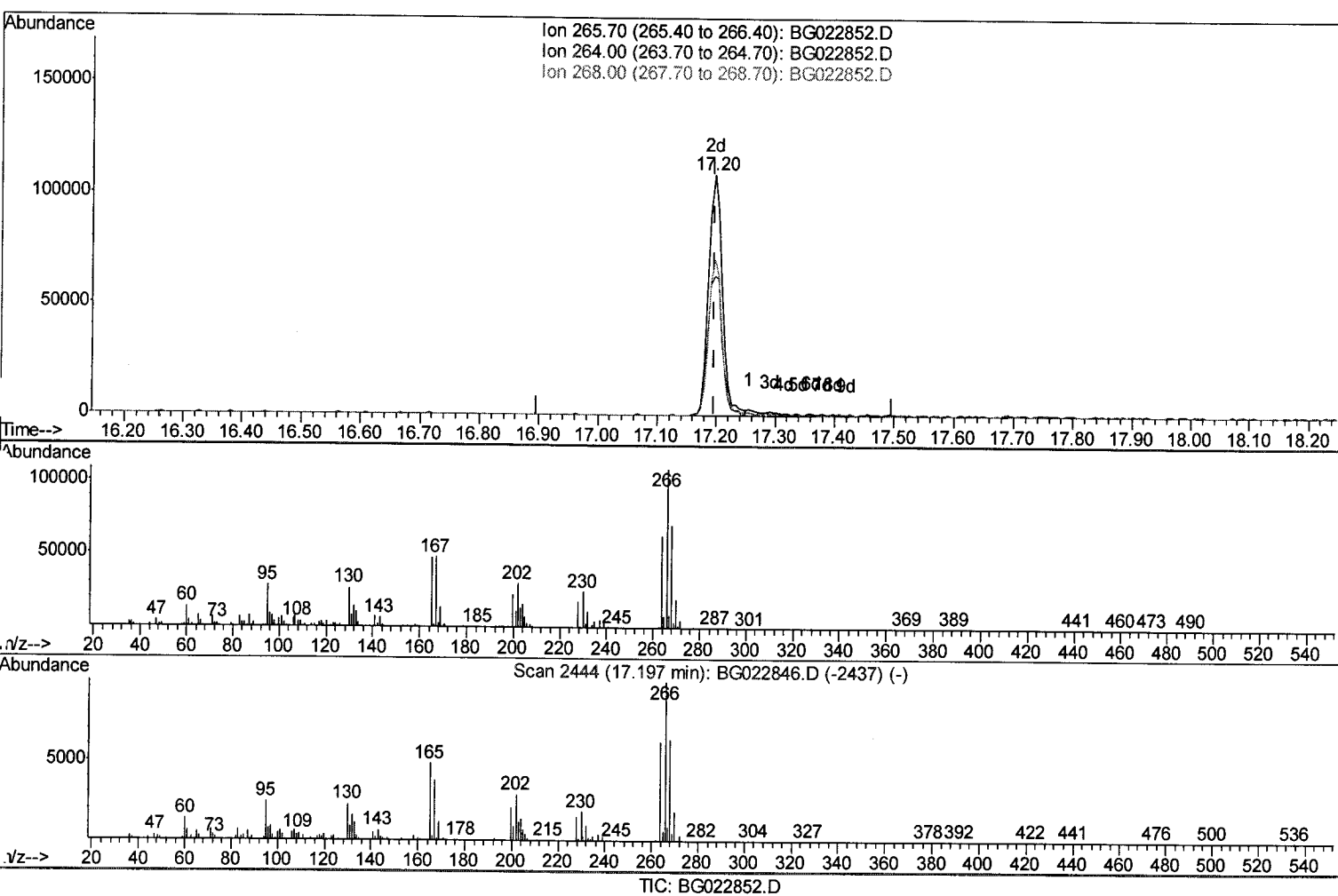
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(68) Pentachlorophenol (C)

17.197min (-0.000) 19.99ng/ul m

response 175726

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	57.92
268.00	72.30	64.60
0.00	0.00	0.00

U.M
 07/11/16

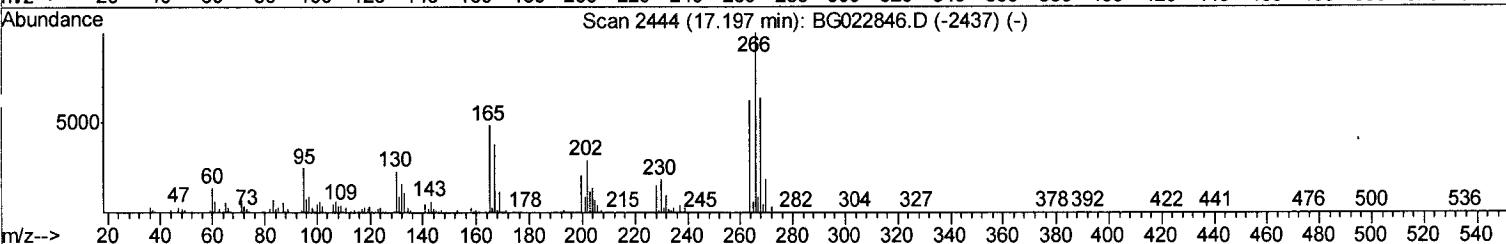
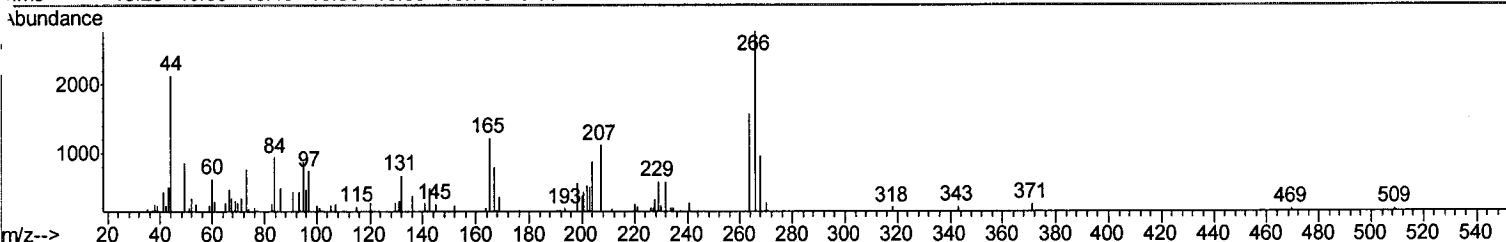
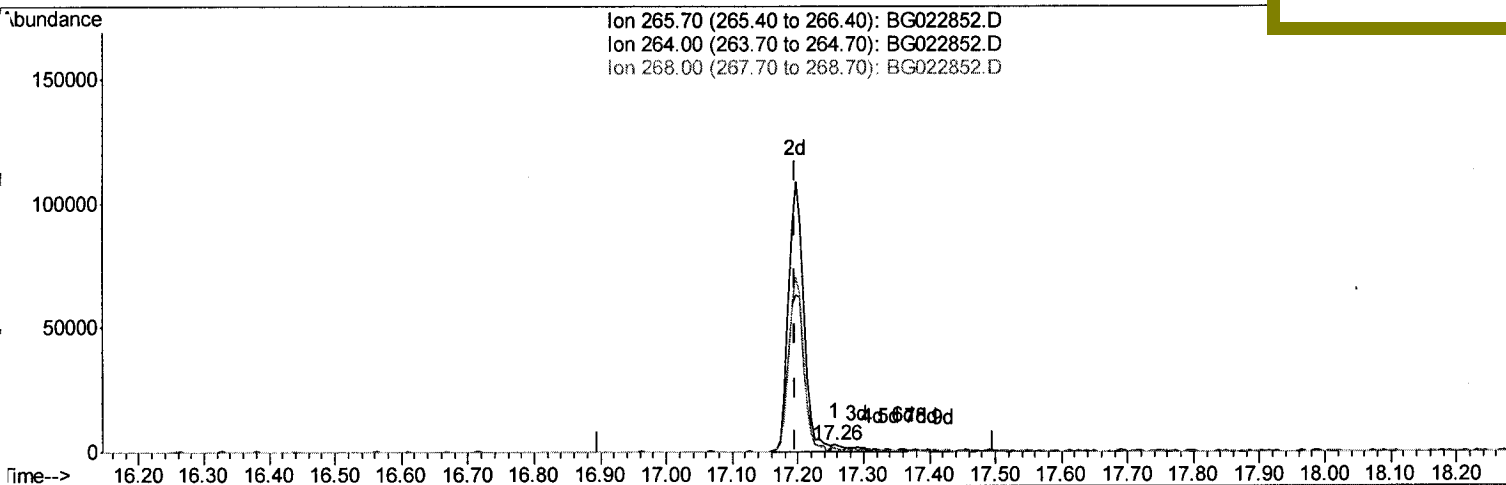
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Quant Time: Jul 06 03:59:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
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Manual Integration

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TIC: BG022852.D

(68) Pentachlorophenol (C)

17.256min (+0.059) 0.39ng/ul

response 3448

Ion	Exp%	Act%
265.70	100	100
264.00	68.40	56.92
268.00	72.30	68.16
0.00	0.00	0.00

Quantitation Report (Qedit)

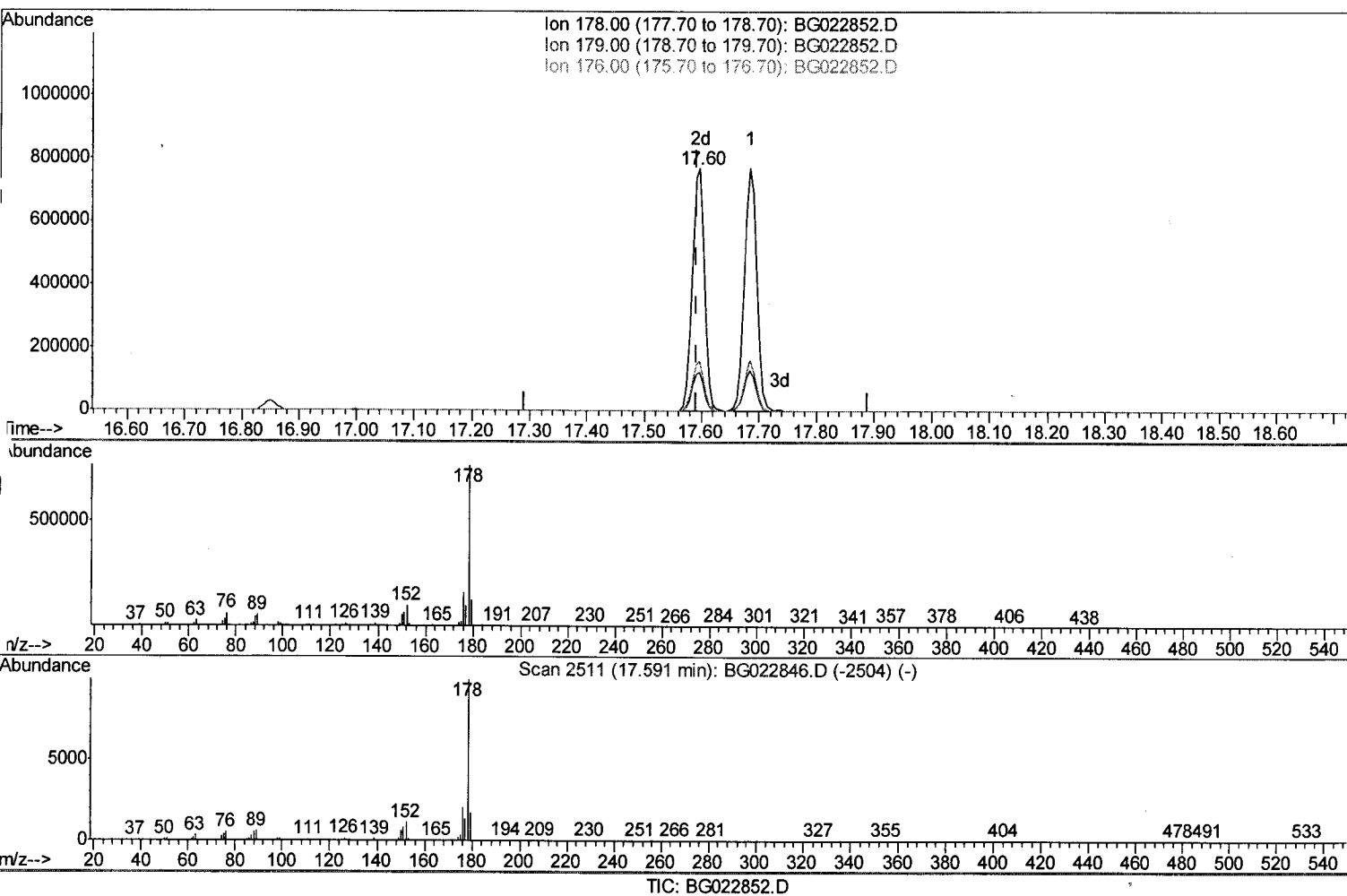
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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



(69) Phenanthrene

17.596min (+0.006) 20.79ng/ul m U.M
 response 1148322 07/11/16

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.00
176.00	19.80	20.53
0.00	0.00	0.00

Quantitation Report (Qedit)

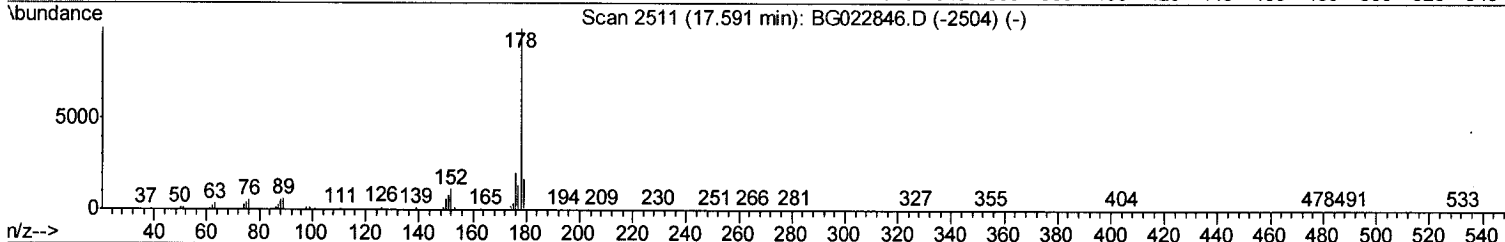
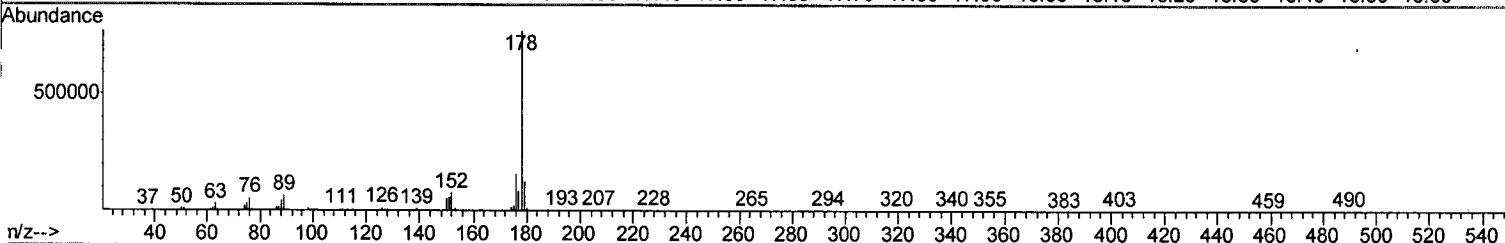
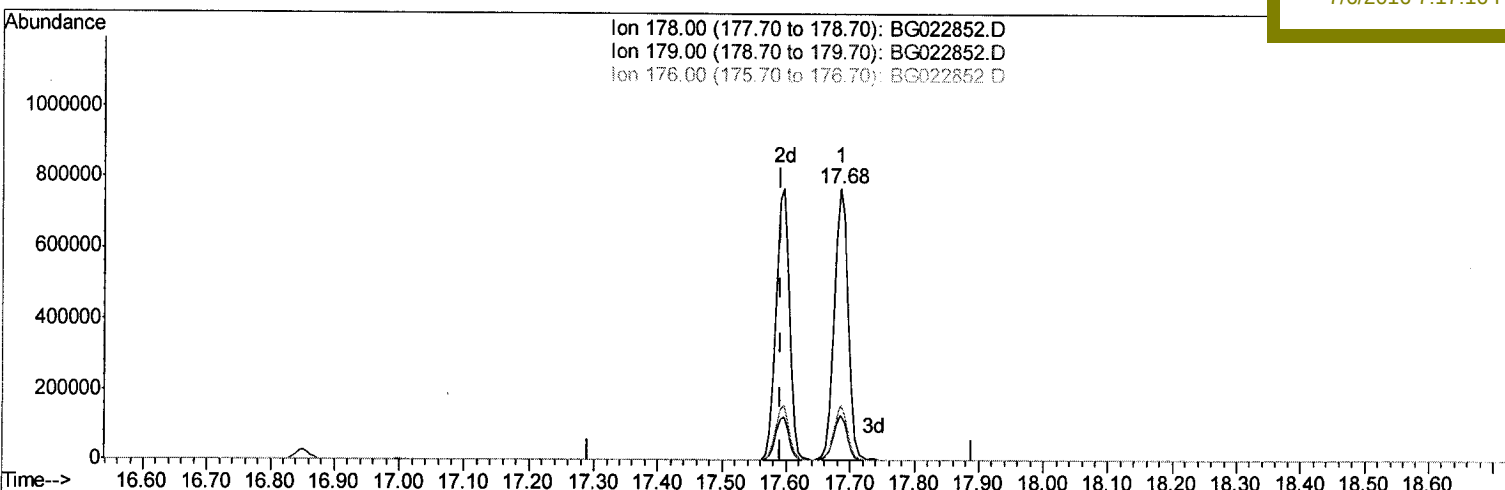
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02021

Quant Time: Jul 06 03:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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Manual Integration

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TIC: BG022852.D

(69) Phenanthrene

17.685min (+0.094) 21.39ng/ul

response 1181459

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.74
176.00	19.80	20.77
0.00	0.00	0.00

Quantitation Report (Qedit)

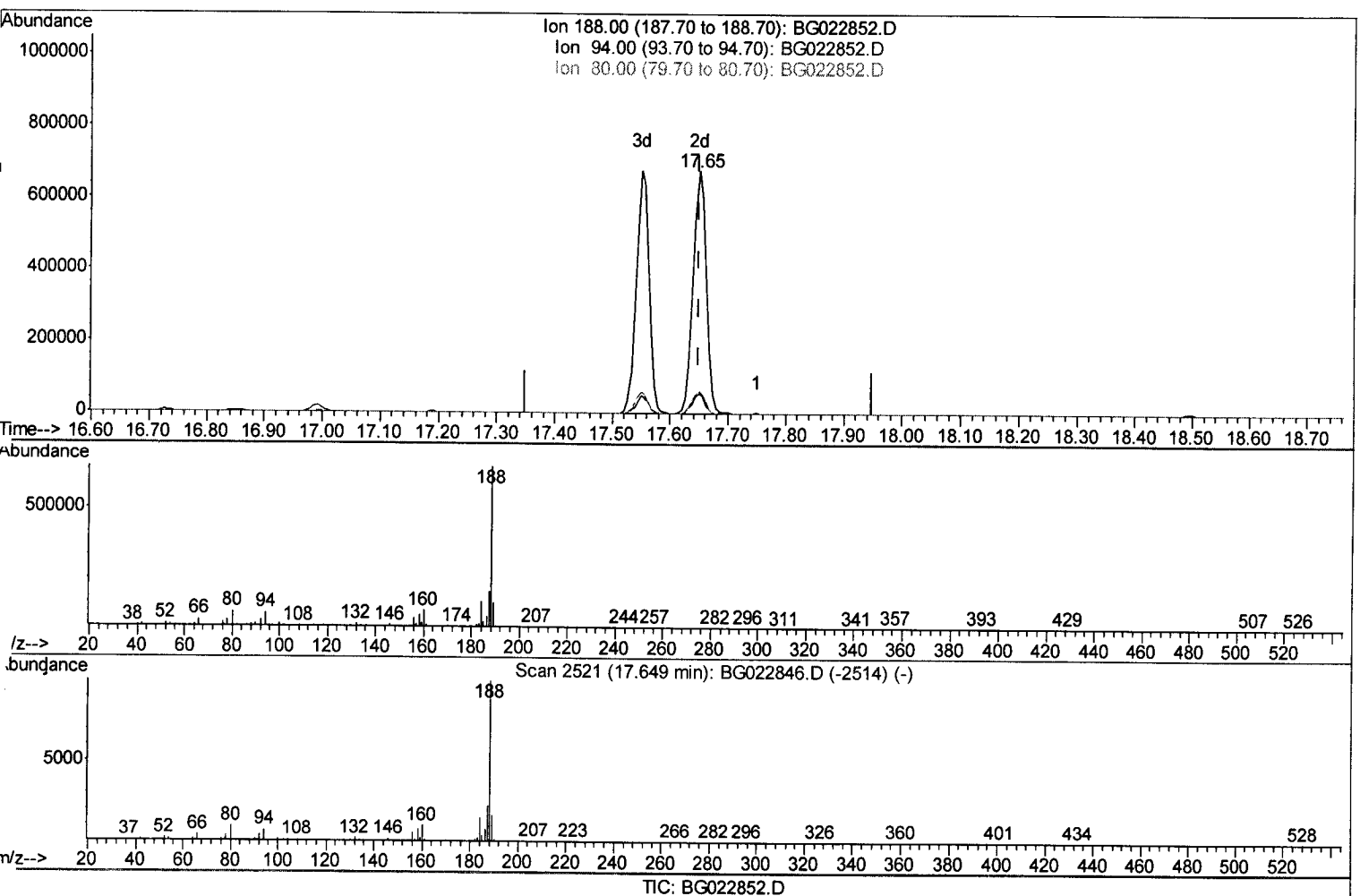
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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



(70) Anthracene-d10 (S)

17.649min (-0.000) 20.71ng/ul m U. M

response 1039317

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	8.32#
80.00	11.90	9.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

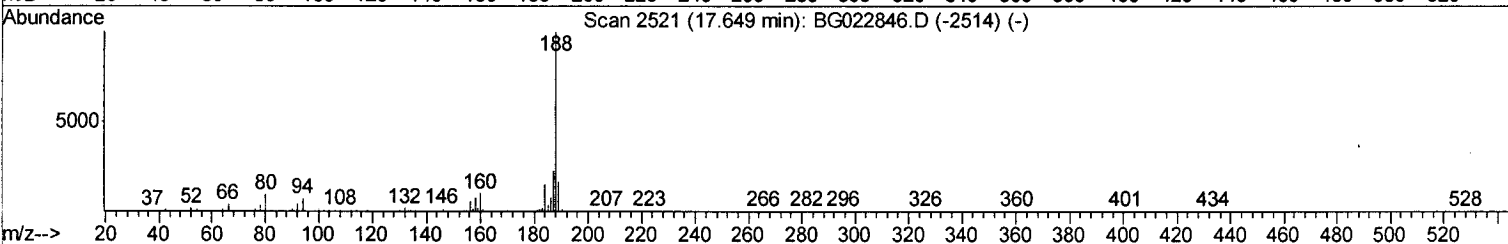
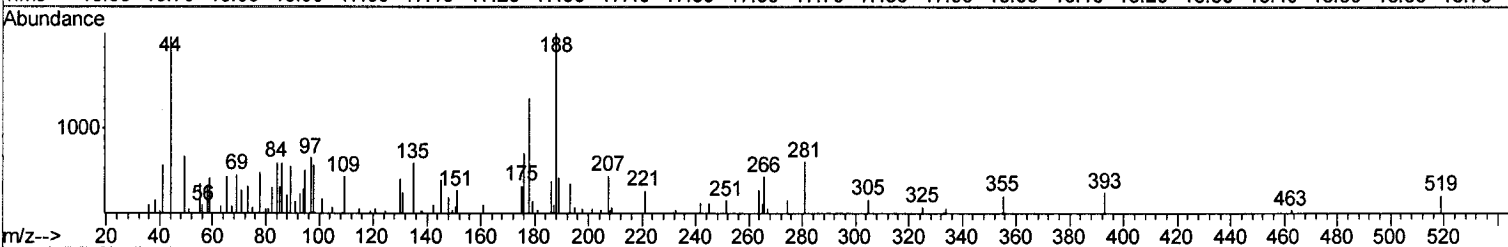
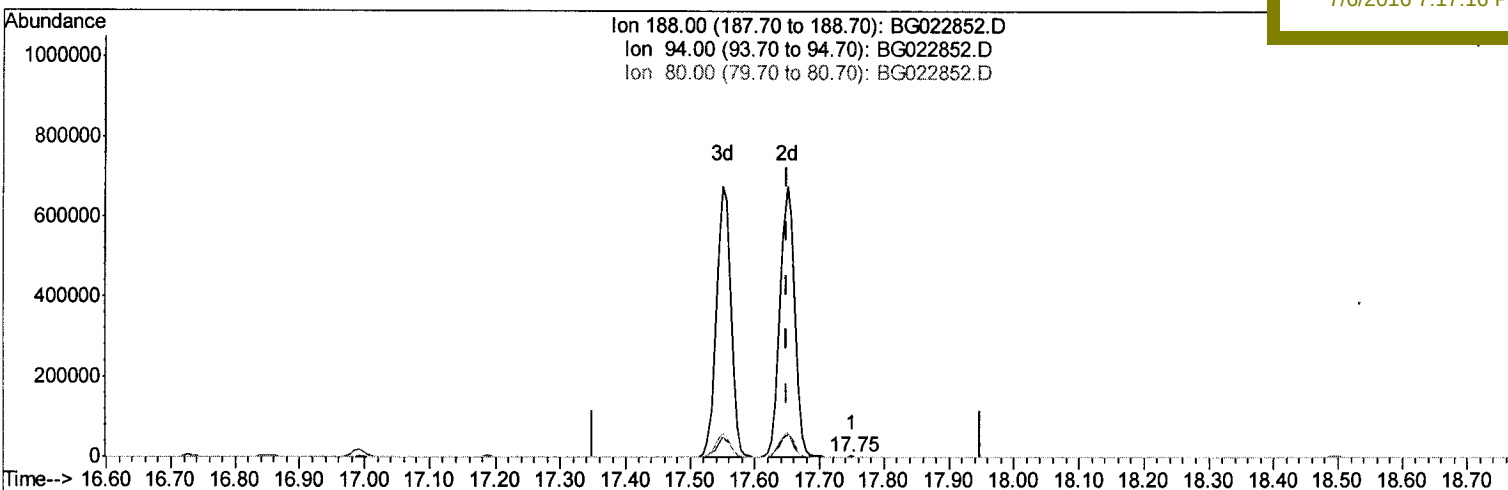
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 03:59:26 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
LabSampleId :
SSTD02021

Manual Integration

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TIC: BG022852.D

(70) Anthracene-d10 (S)

17.749min (+0.100) 0.02ng/ul

response 1220

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	20.52#
80.00	11.90	10.29
0.00	0.00	0.00

Quantitation Report (Qedit)

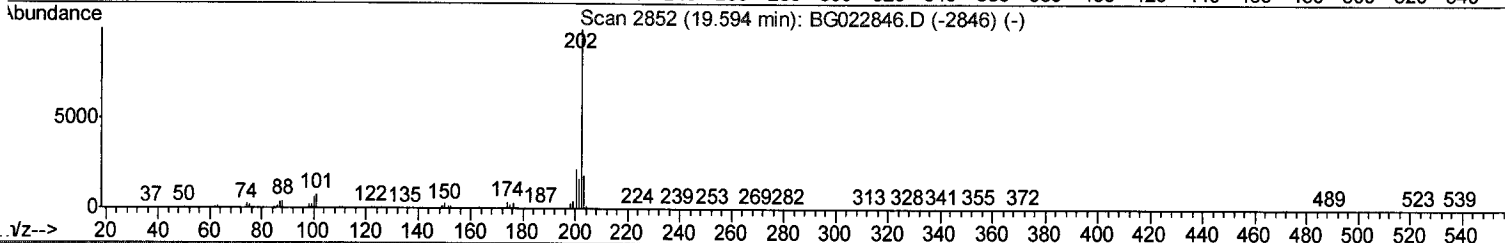
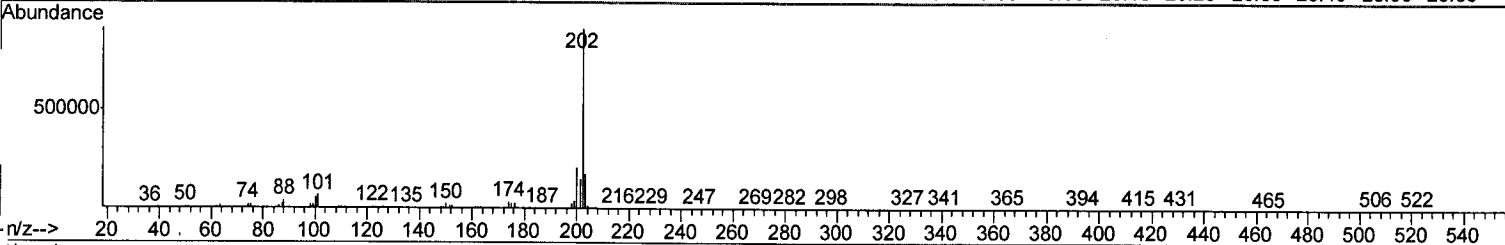
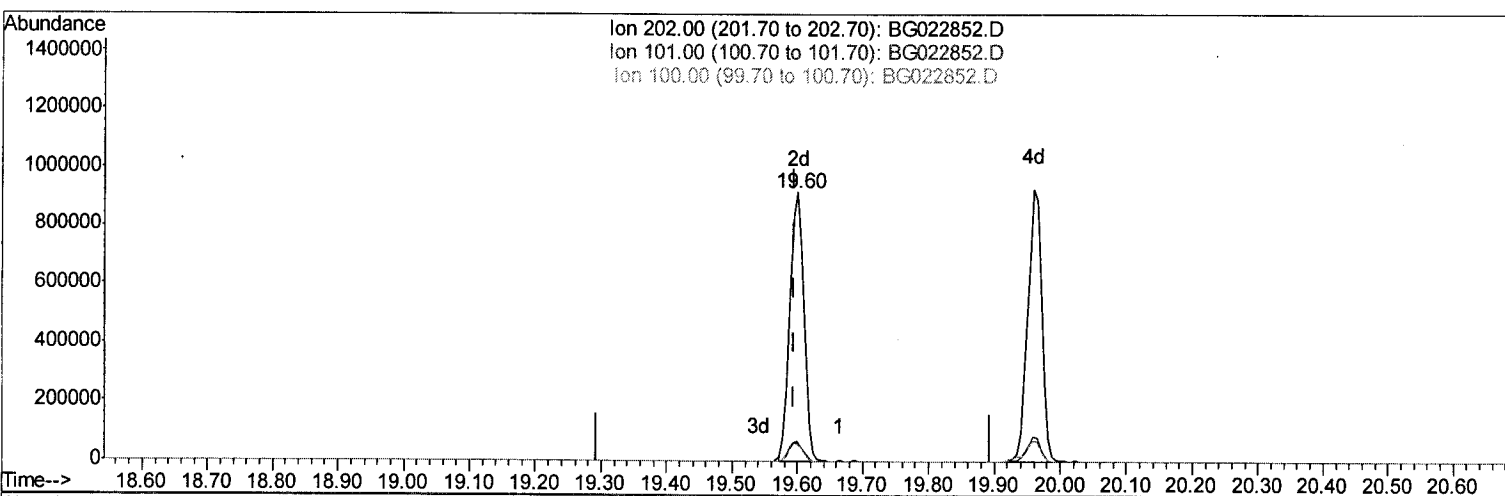
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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)

19.600min (+0.006) 23.67ng/ul m

response 1361849

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	7.54#
100.00	10.90	6.24#
0.00	0.00	0.00

U.M
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Quantitation Report (Qedit)

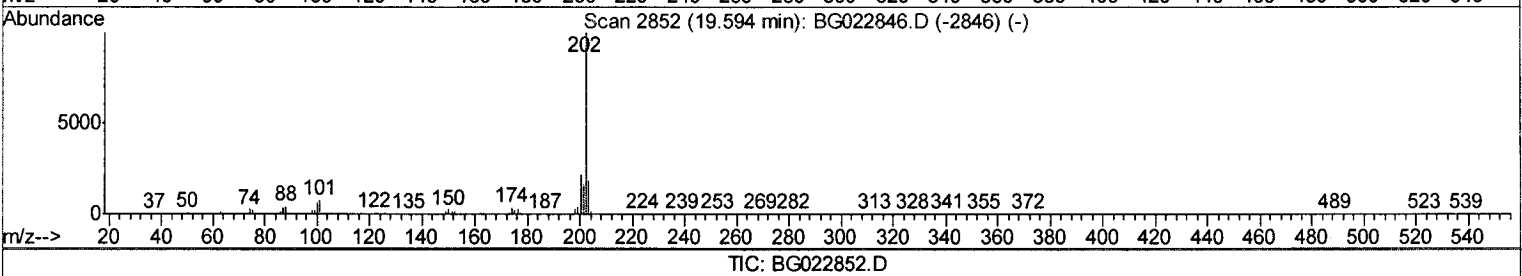
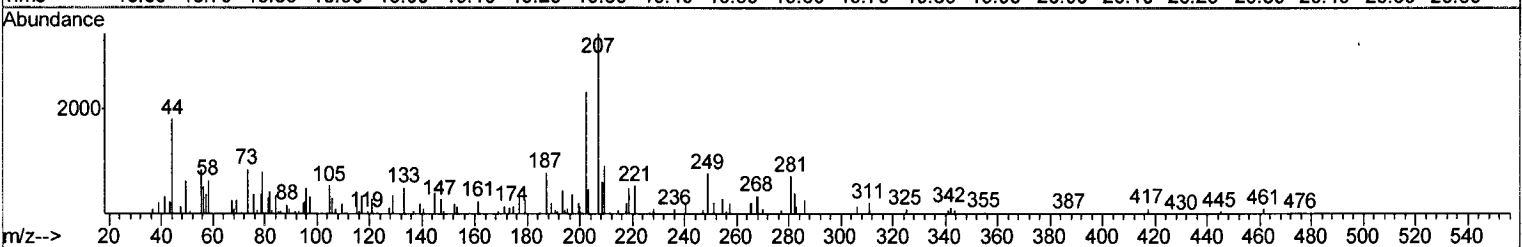
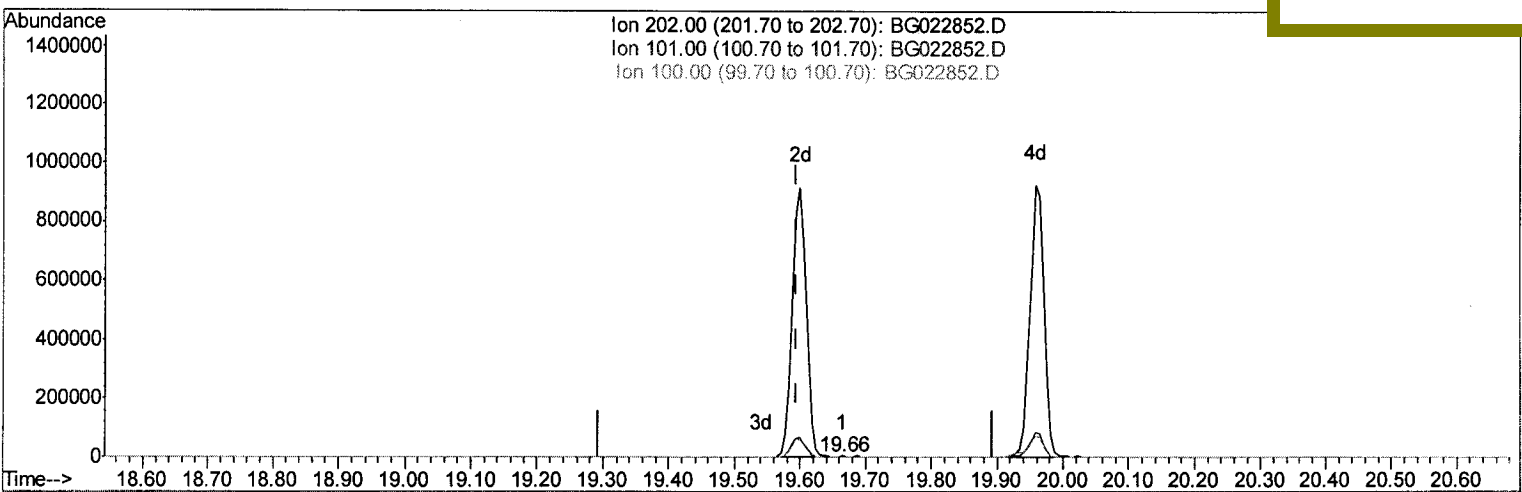
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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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(74) Fluoranthene (C)

19.665min (+0.070) 0.04ng/ul

response 2267

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

Quantitation Report (Qedit)

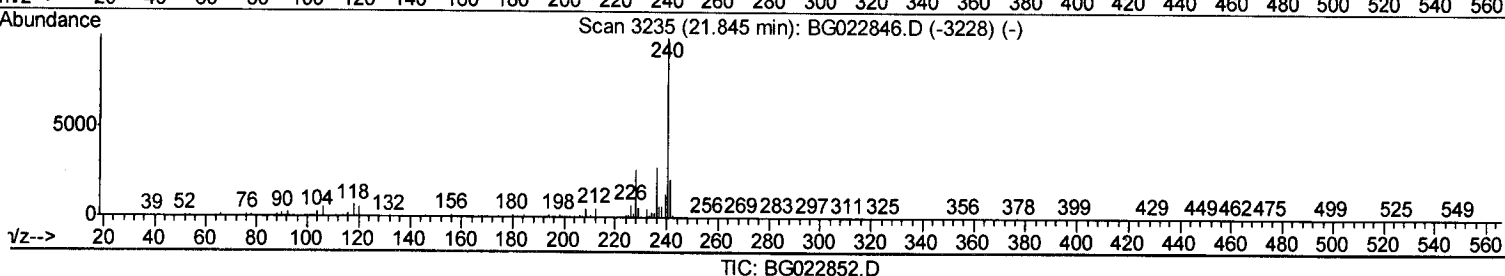
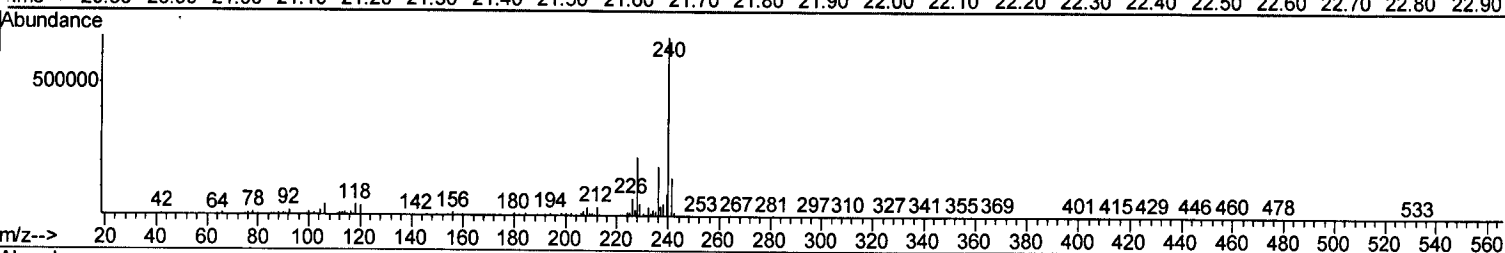
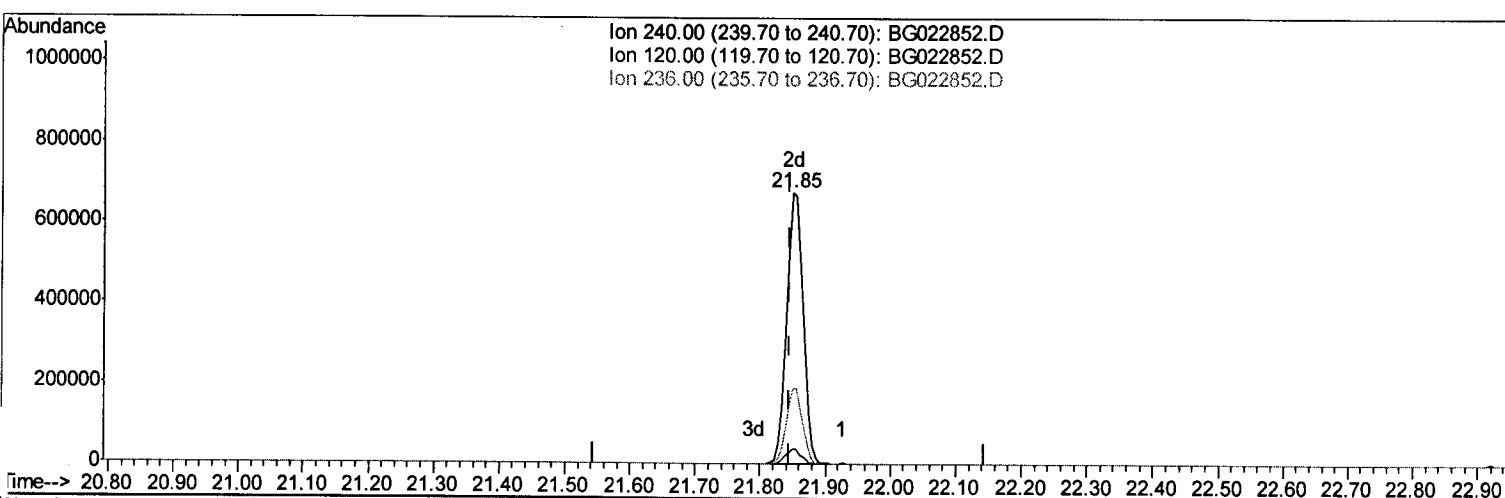
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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Quant Time: Jul 06 03:59:26 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)

21.850min (+0.006) 20.00ng/ul m U.M
 response 1186555 07/11/16

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	5.44#
236.00	26.10	27.68
0.00	0.00	0.00

Quantitation Report (Qedit)

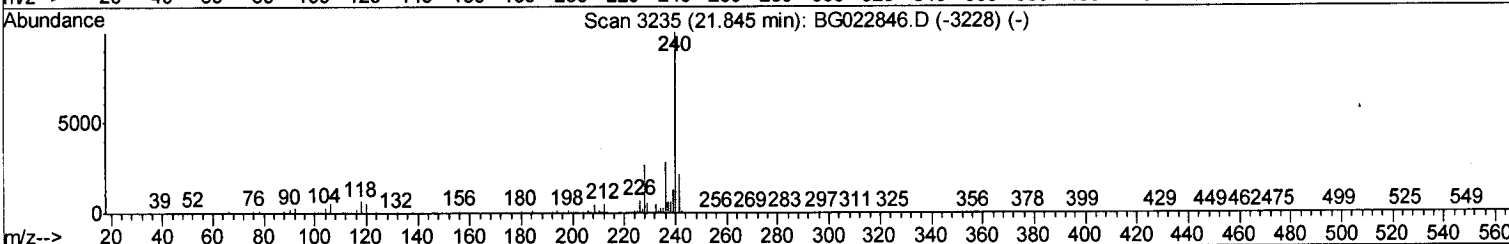
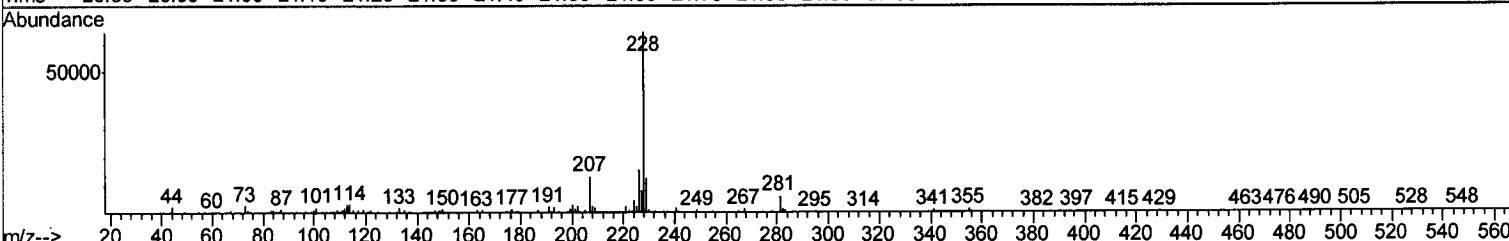
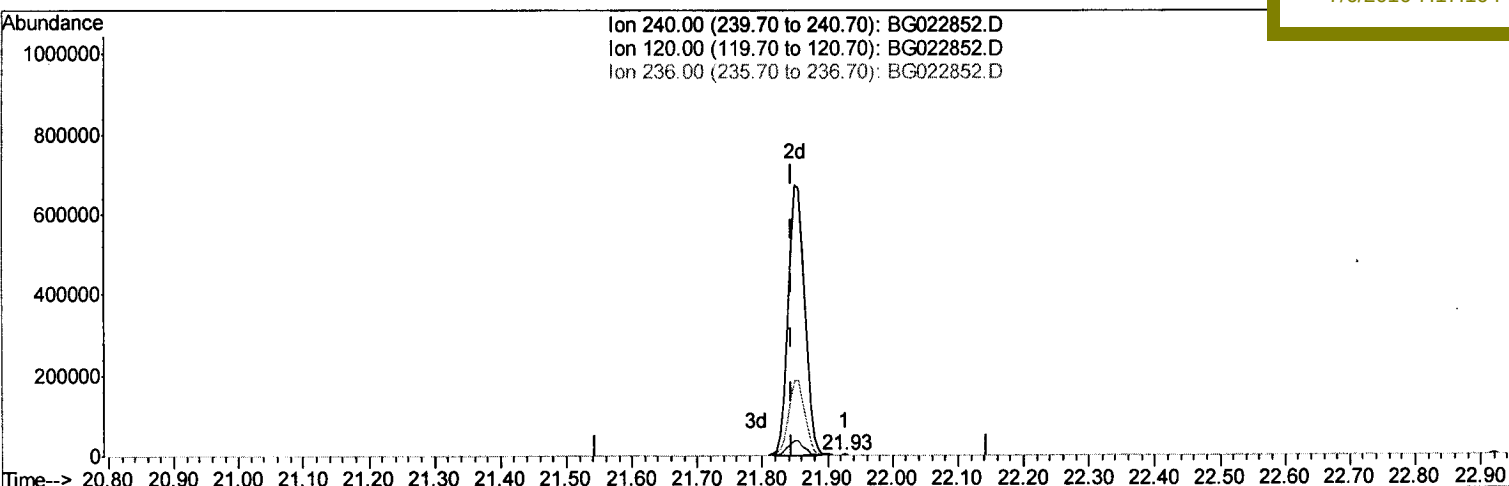
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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: BG022852.D

(75) Chrysene-d12 (I)

21.927min (+0.082) 20.00ng/ul

response 1189

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	0.00#
236.00	26.10	13.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

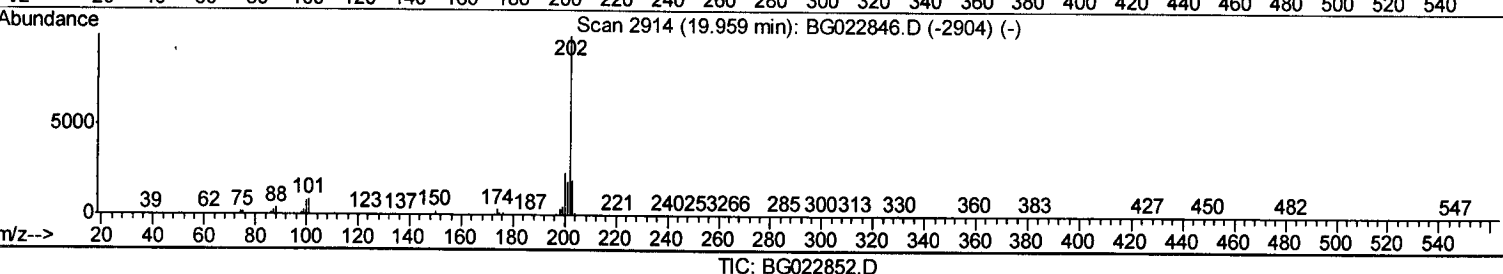
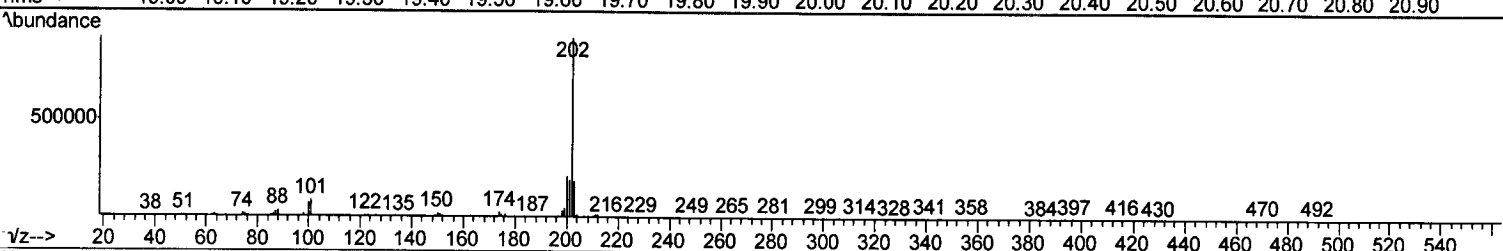
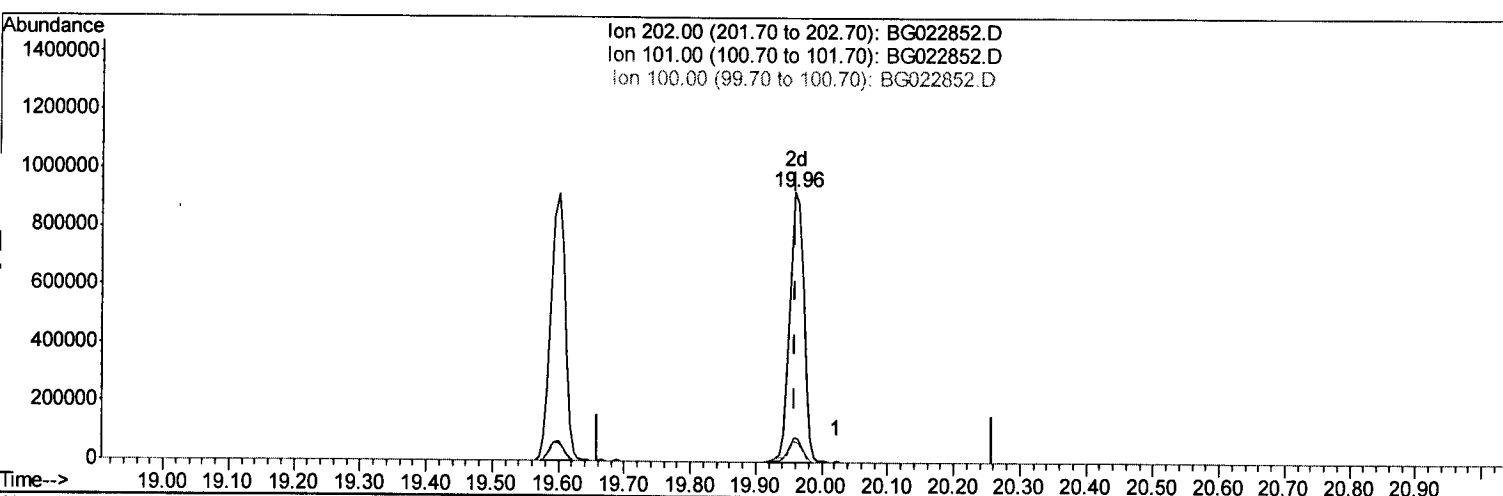
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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

19.958min (-0.000) 20.73ng/ul m U.M
 response 1376757 07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	9.04#
100.00	12.80	7.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

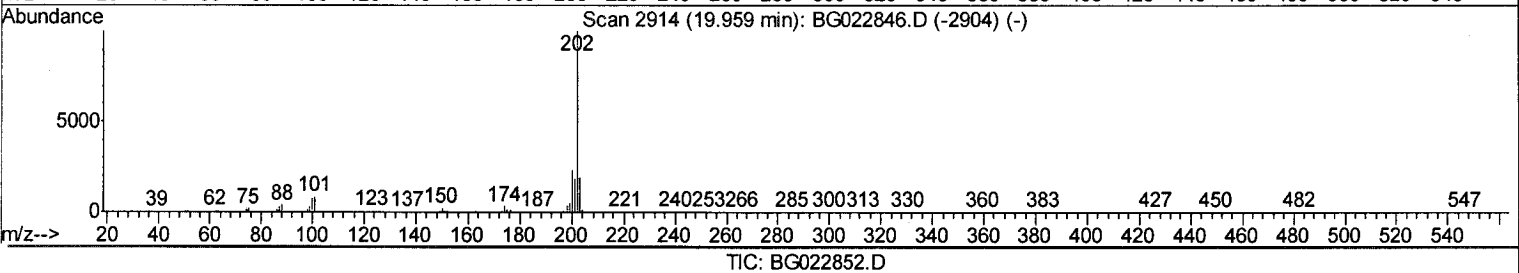
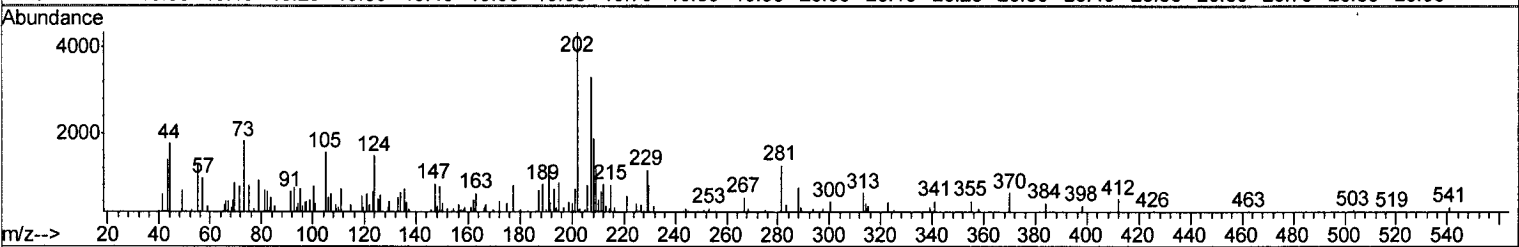
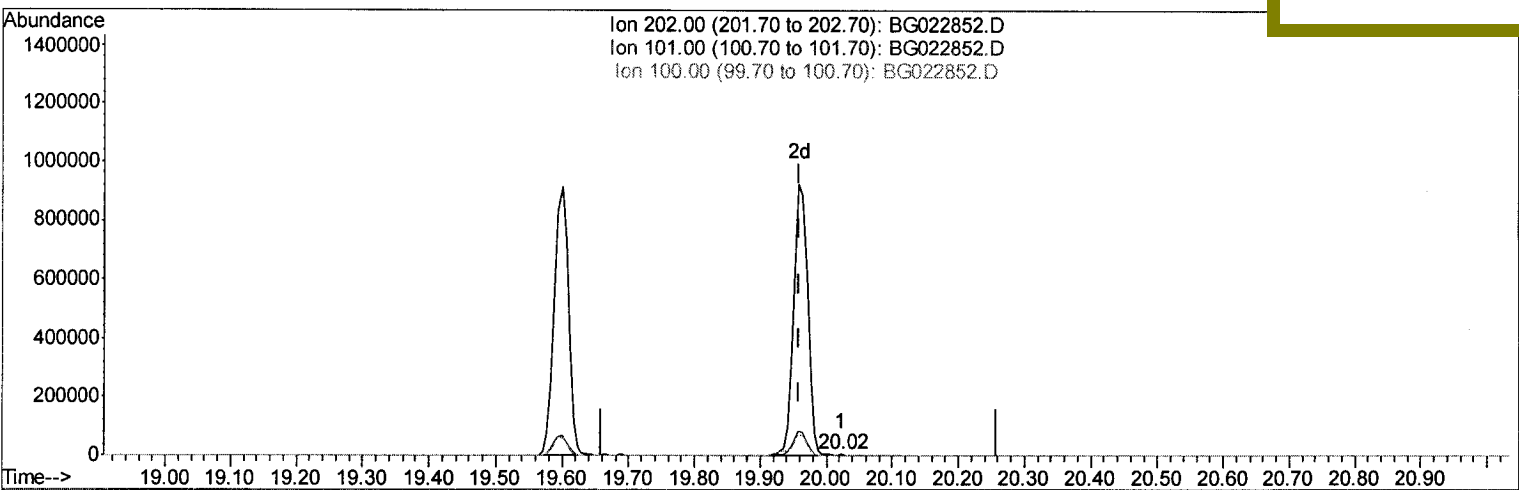
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02021

Quant Time: Jul 06 03:59:26 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: BG022852.D

(77) Pyrene

20.023min (+0.064) 0.03ng/ul

response 1831

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	8.14#
100.00	12.80	17.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

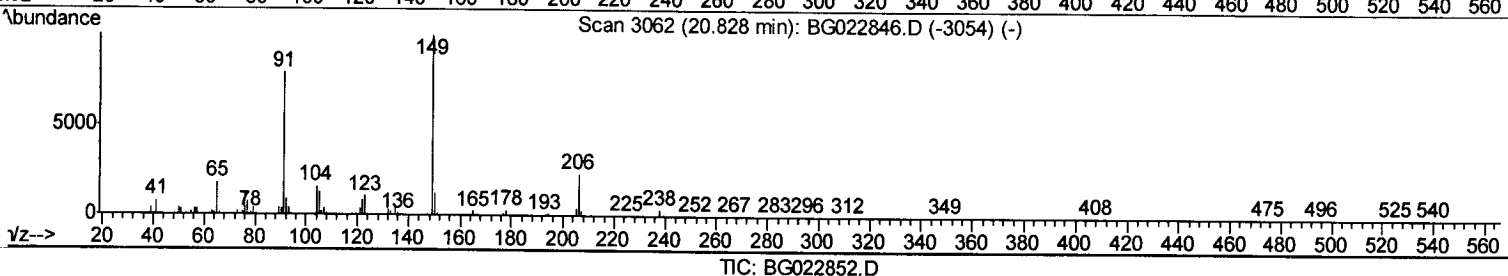
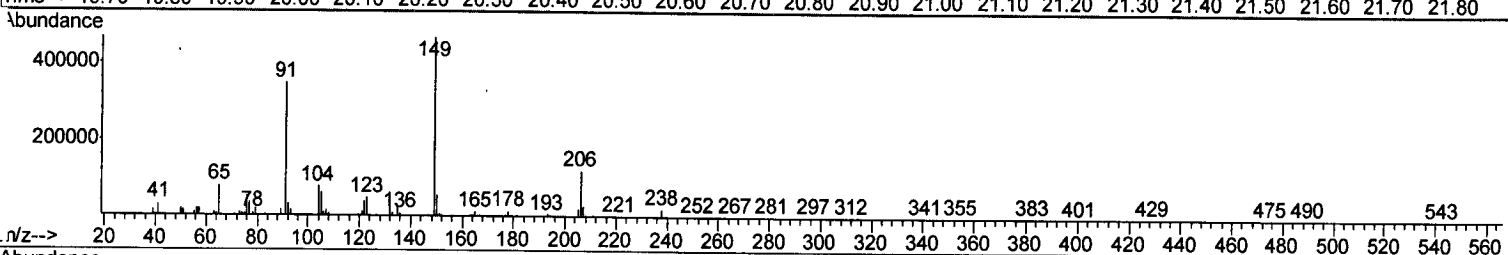
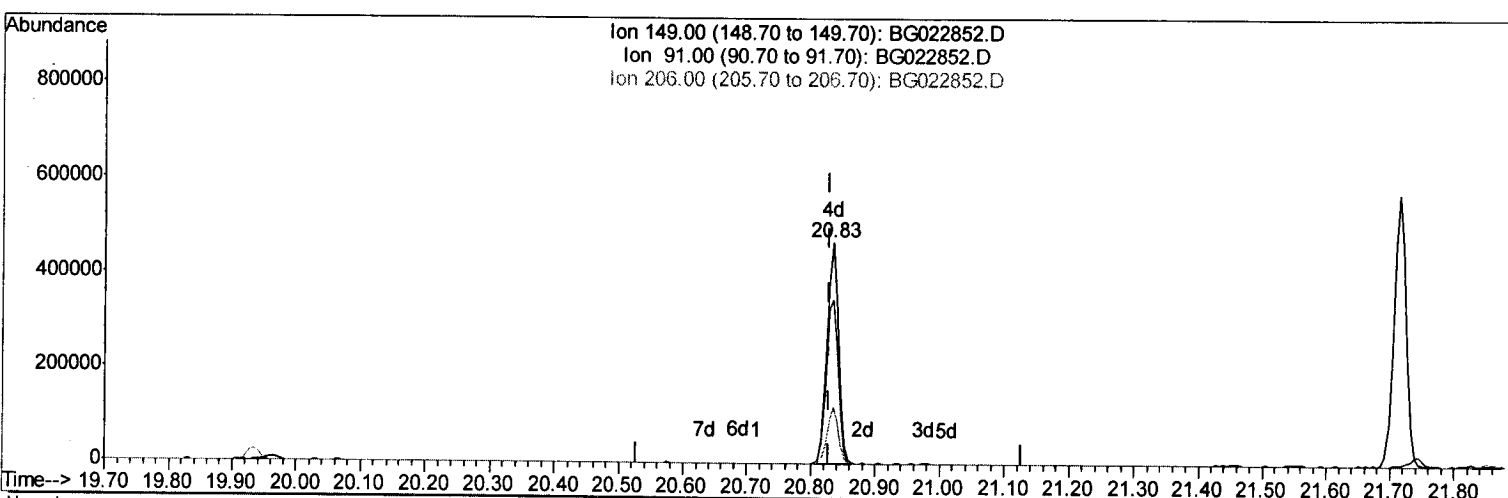
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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



(78) Butylbenzylphthalate

20.834min (+0.006) 22.17ng/ul m

response 571041

Ion Exp% Act%

149.00 100 100

91.00 67.80 74.55

206.00 17.60 25.66#

0.00 0.00 0.00

U.M
 07/11/16

Quantitation Report (Qedit)

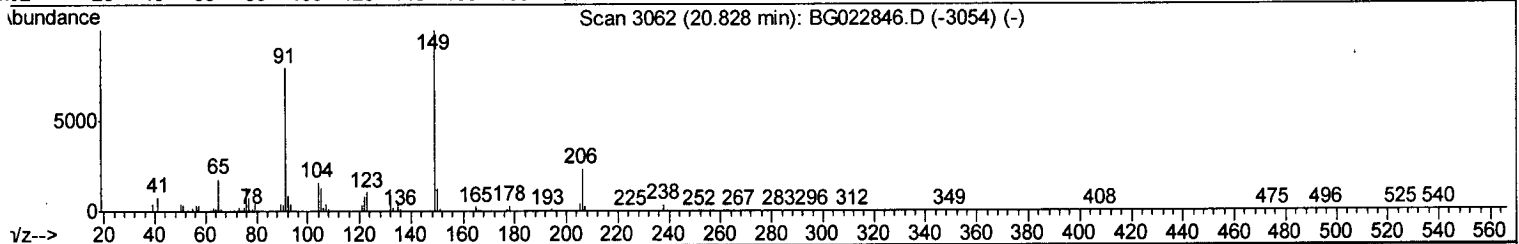
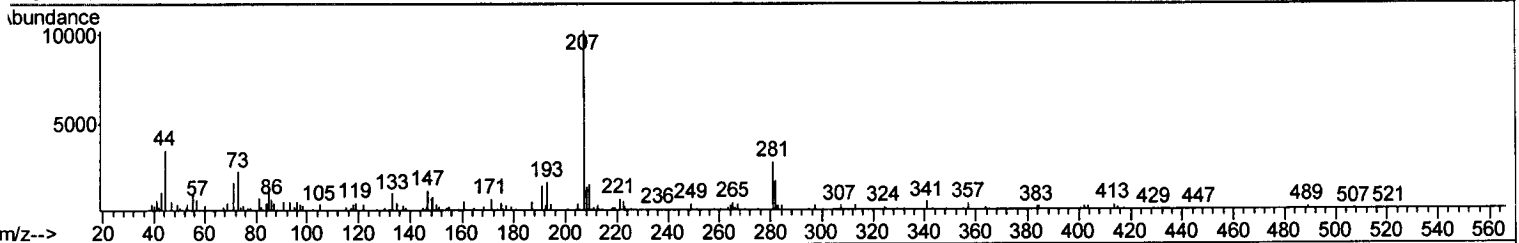
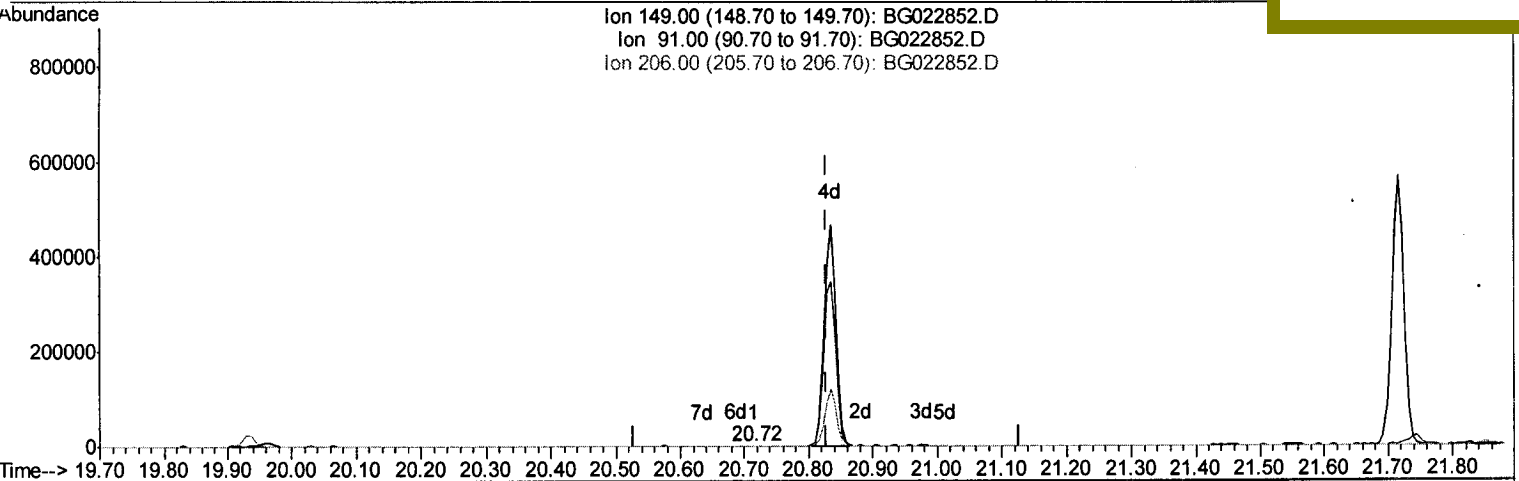
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02021

Quant Time: Jul 06 03:59:26 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: BG022852.D

(78) Butylbenzylphthalate

20.716min (-0.112) 0.03ng/ul

response 764

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	65.01
206.00	17.60	18.14
0.00	0.00	0.00

Quantitation Report (Qedit)

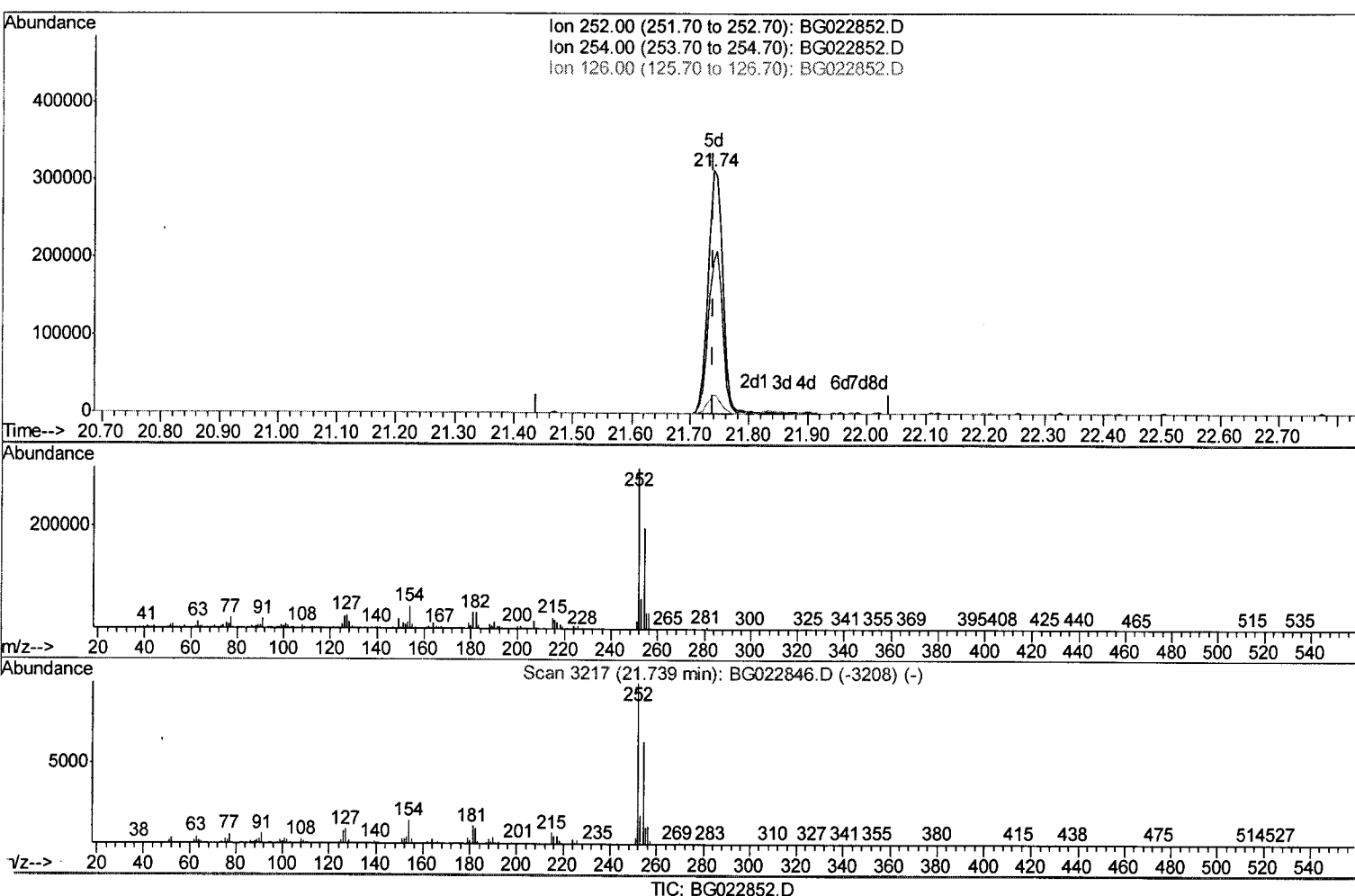
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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



(79) 3,3'-Dichlorobenzidine

21.739min (-0.000) 23.62ng/ul m

response 530769

Ion	Exp%	Act%
252.00	100	100
254.00	64.30	62.80
126.00	13.40	7.69#
0.00	0.00	0.00

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 07/11/16

Quantitation Report (Qedit)

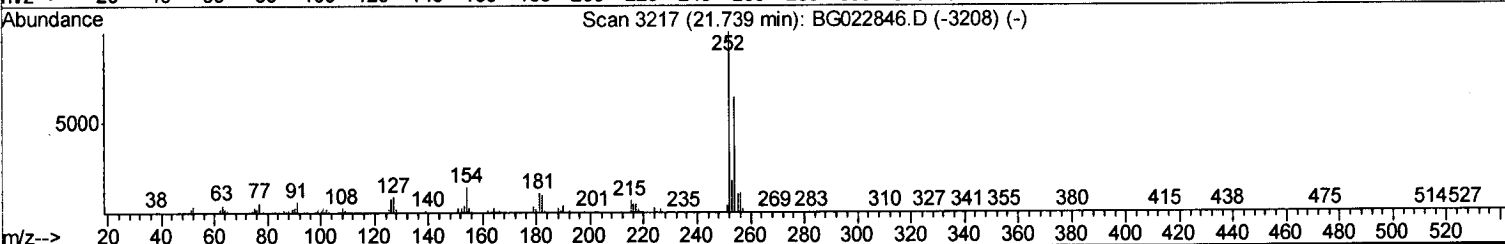
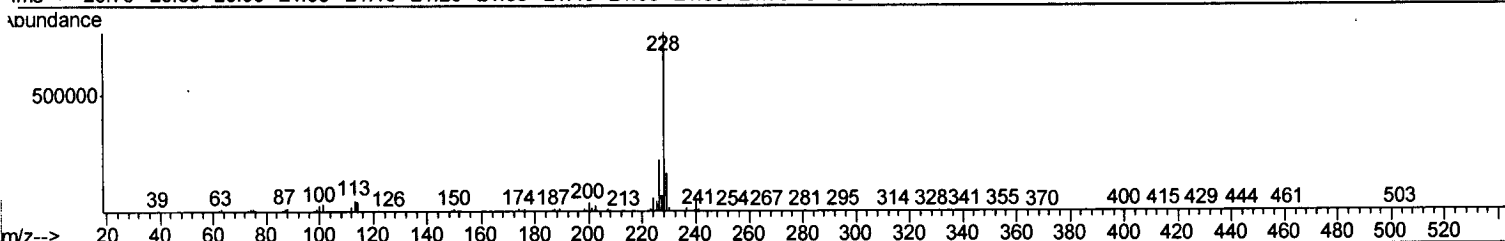
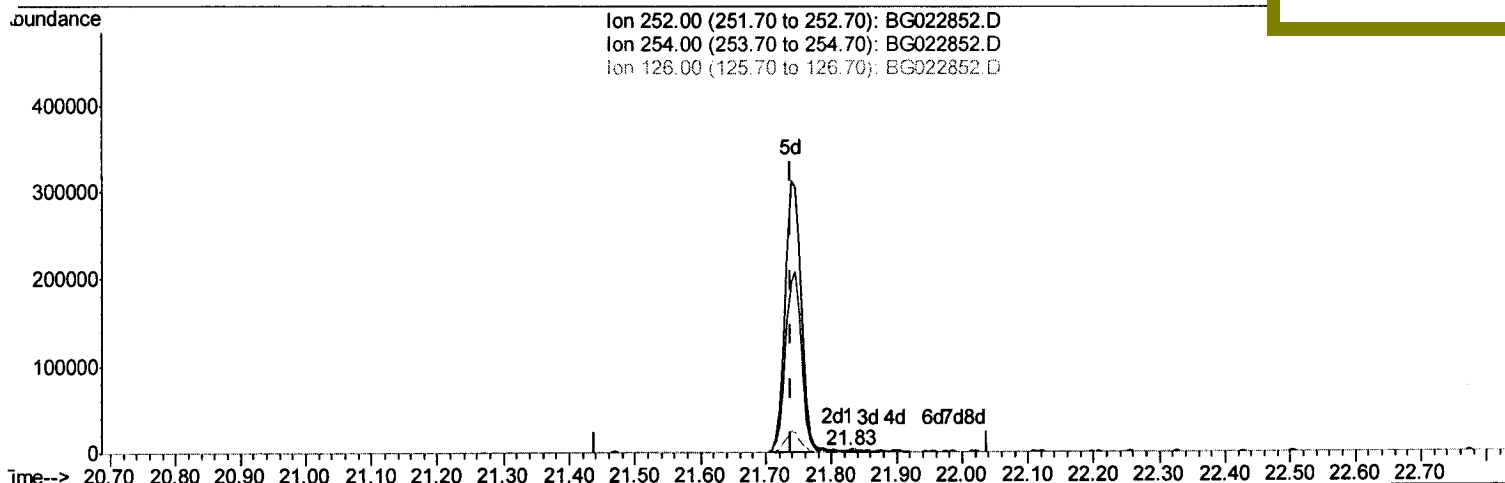
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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: BG022852.D

(79) 3,3'-Dichlorobenzidine

21.827min (+0.088) 0.06ng/ui

response 1378

Ion	Exp%	Act%
252.00	100	100
254.00	64.30	41.53#
126.00	13.40	115.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

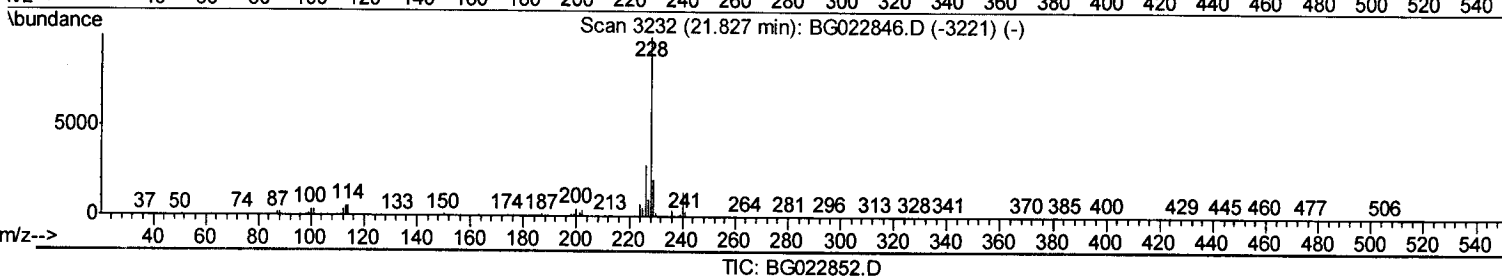
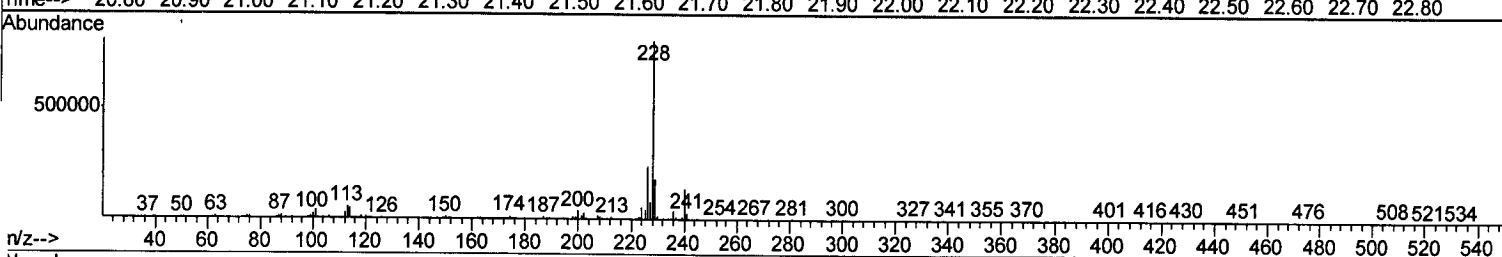
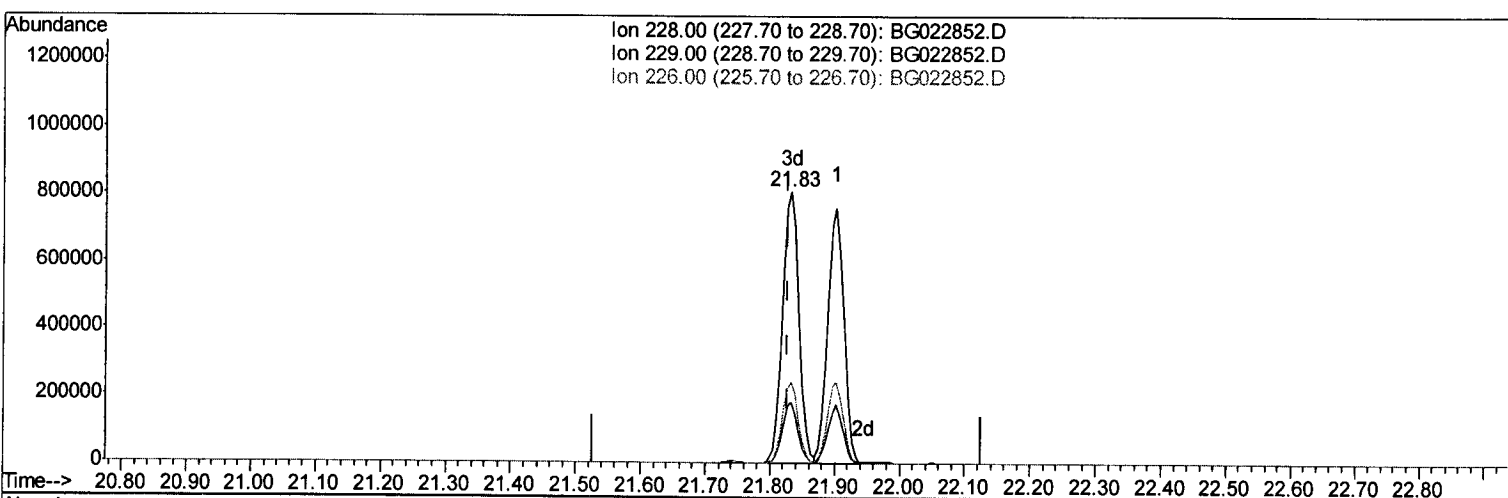
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Manual Integration

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7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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

21.833min (+0.006) 20.84ng/ul m U.M

response 1450676

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.43
226.00	28.50	29.60
0.00	0.00	0.00

Quantitation Report (Qedit)

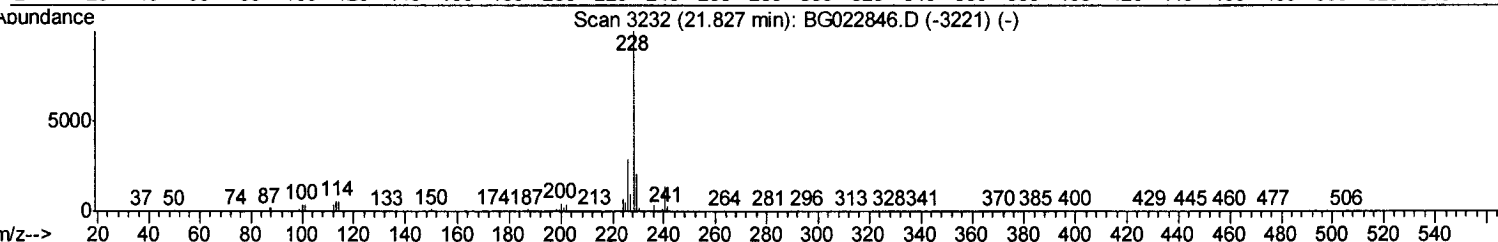
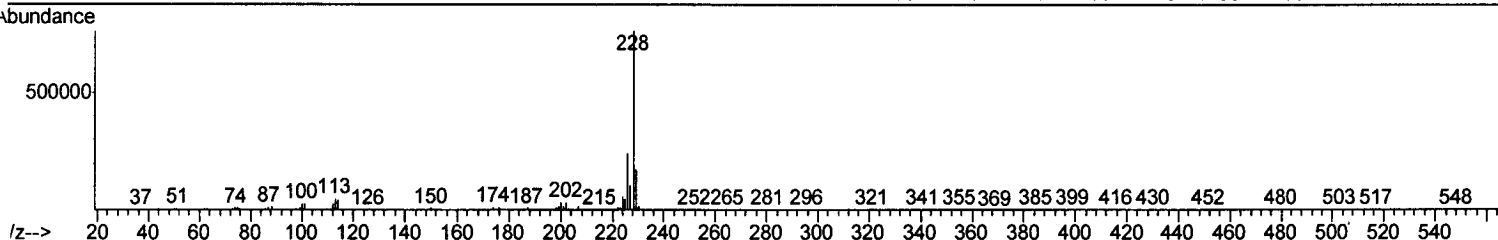
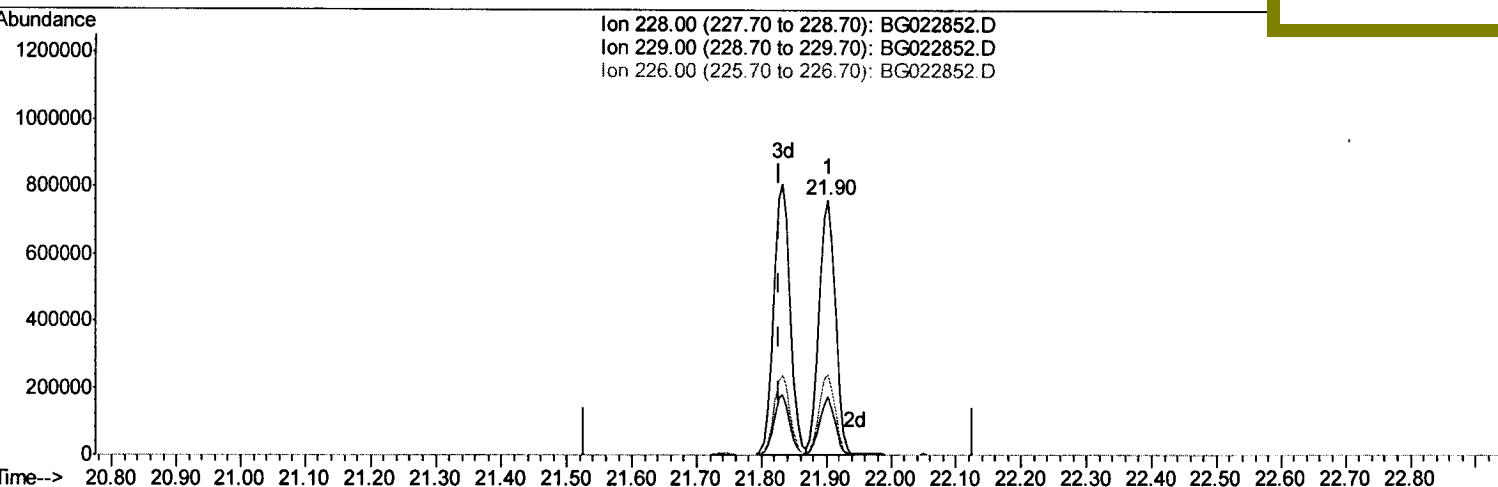
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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 Integrat

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 7/6/2016 7:17:16 PM



(80) Benzo(a)anthracene

21.903min (+0.076) 19.02ng/ul

response 1323726

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.83
226.00	28.50	31.21
0.00	0.00	0.00

Quantitation Report (Qedit)

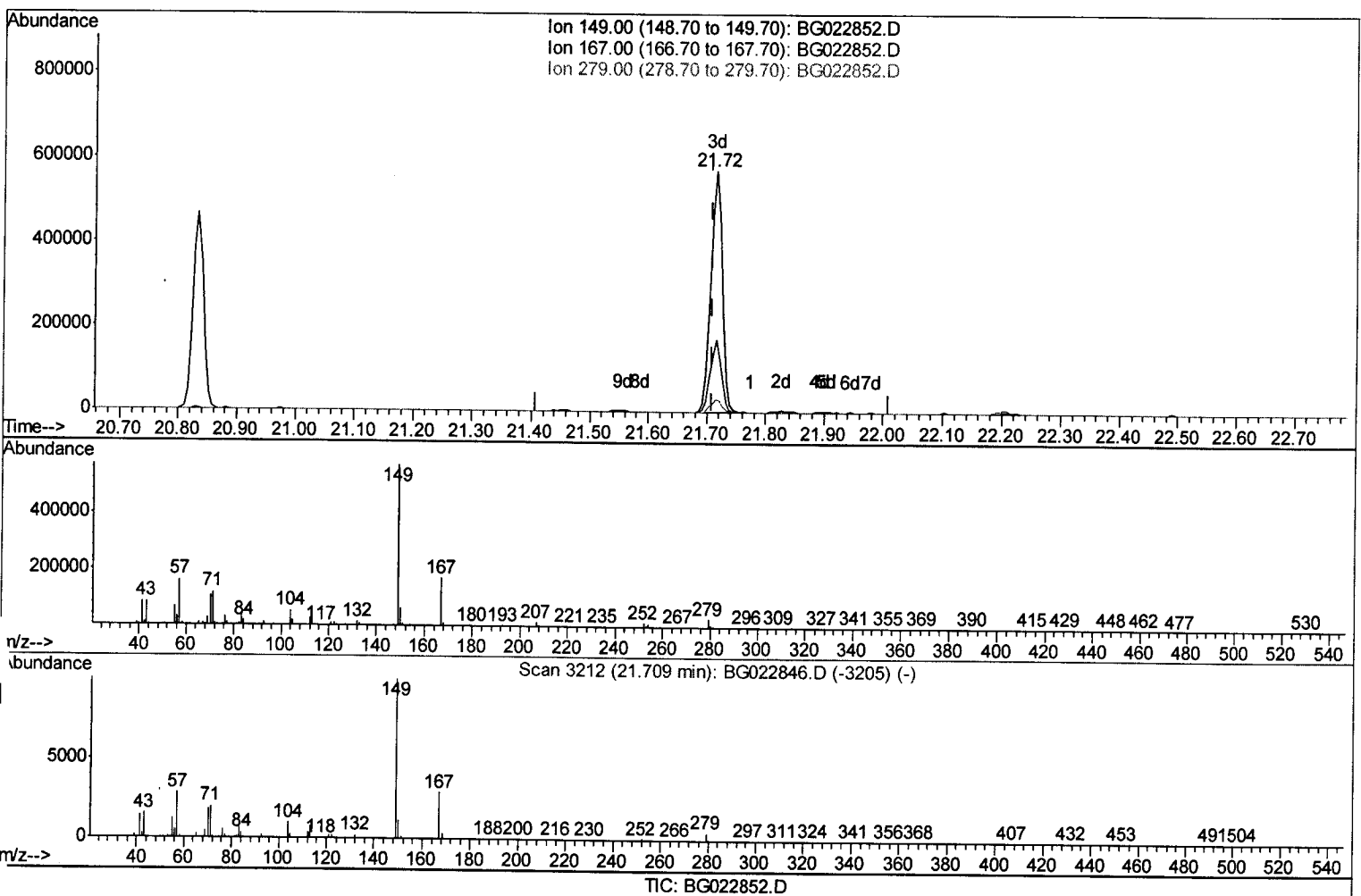
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

Quant Time: Jul 06 03:59:26 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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 sohil
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(81) Bis(2-ethylhexyl)phthalate

21.715min (+0.006) 22.96ng/ul m

response 763117

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	30.15
279.00	3.60	5.51#
0.00	0.00	0.00

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Quantitation Report (Qedit)

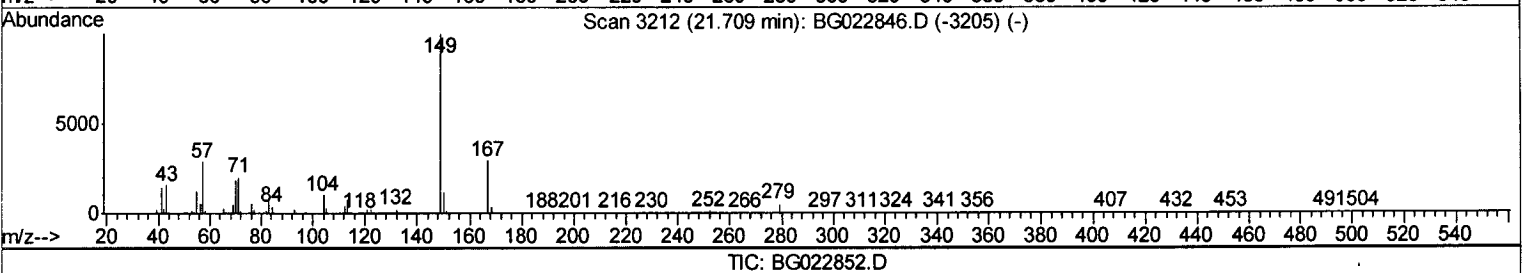
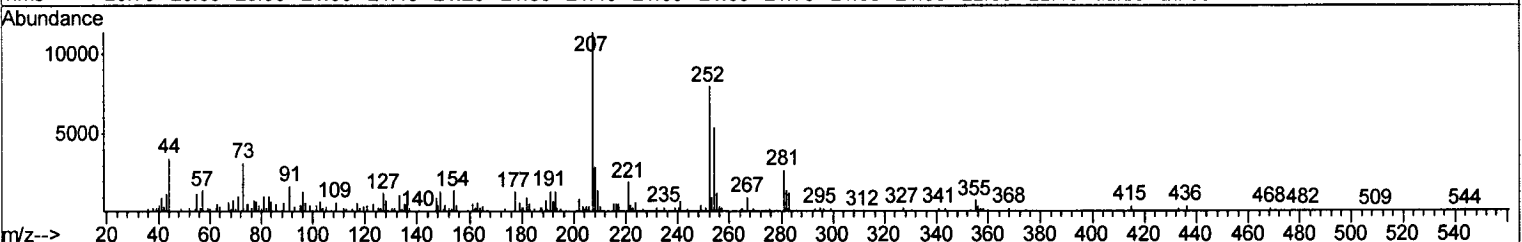
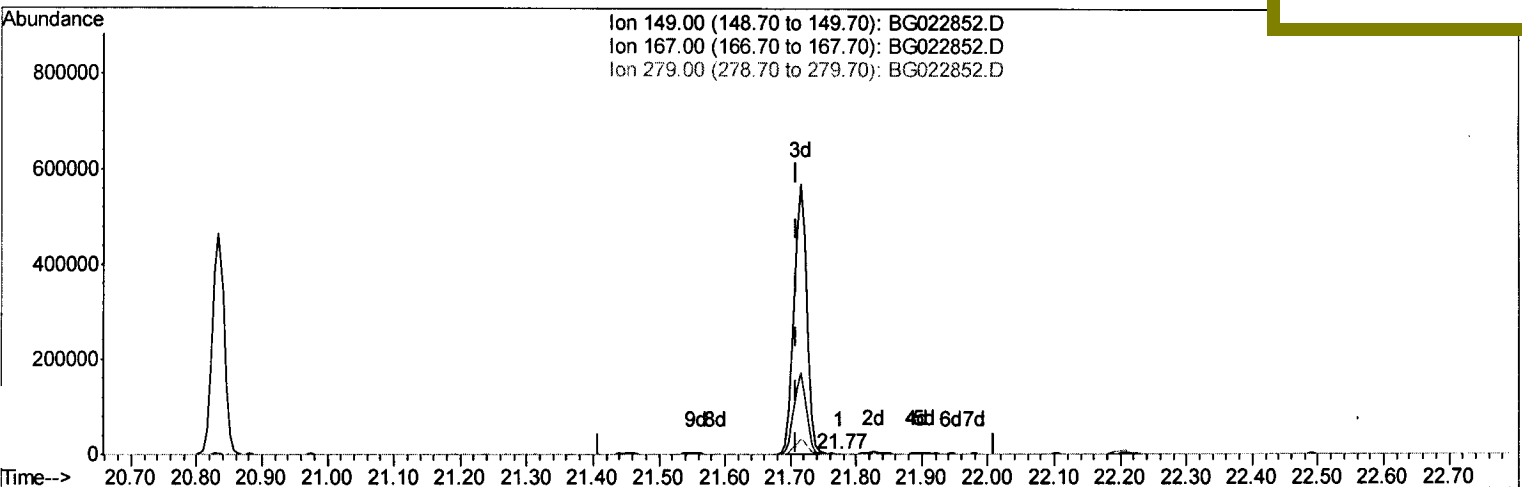
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Quant Time: Jul 06 03:59:26 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

21.774min (+0.064) 0.02ng/ul

response 791

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	14.81#
279.00	3.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

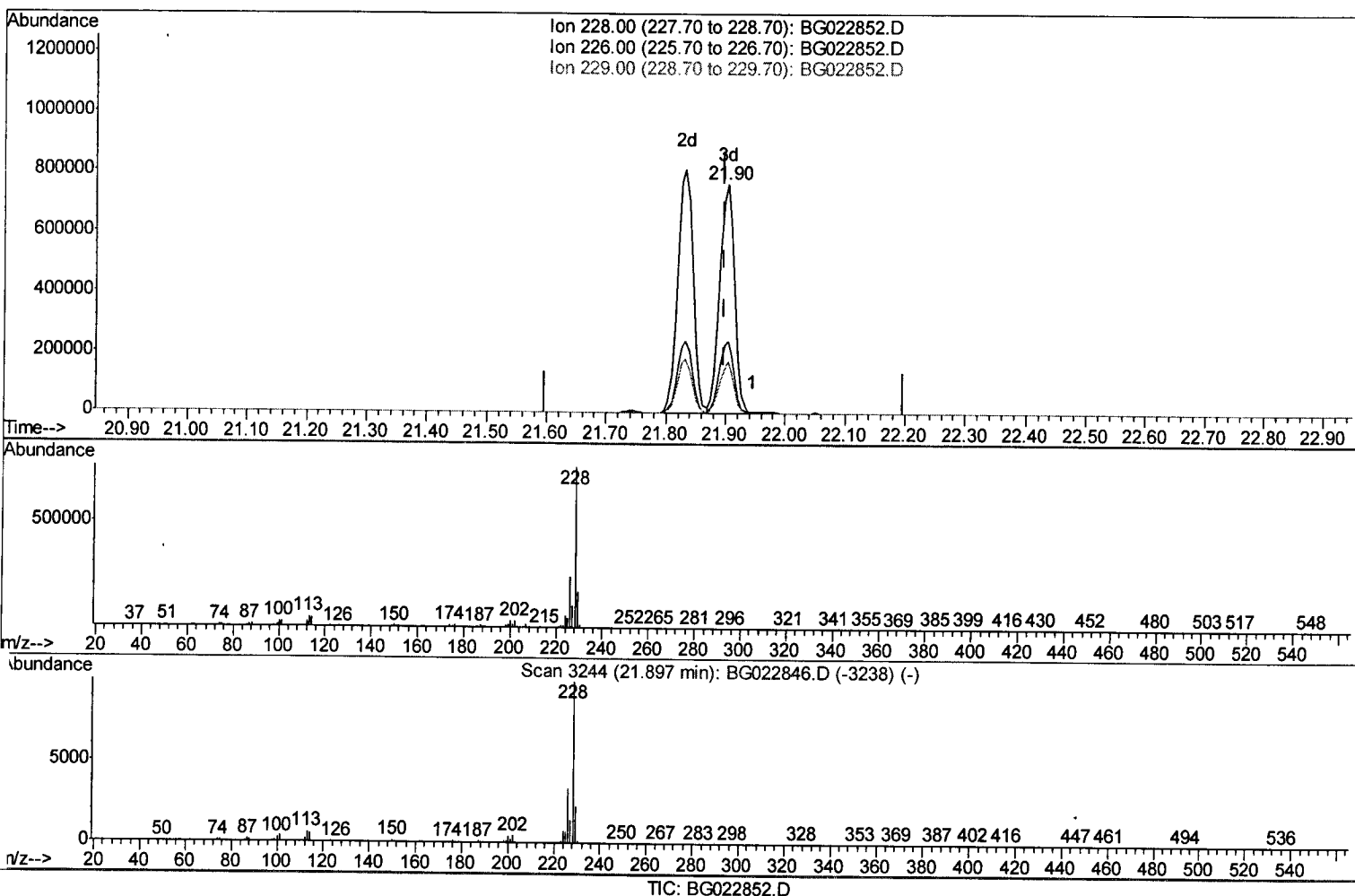
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

Quant Time: Jul 06 03:59:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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(82) Chrysene

21.903min (+0.006) 20.95ng/ul m

response 1327024

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	31.21
229.00	18.80	22.83#
0.00	0.00	0.00

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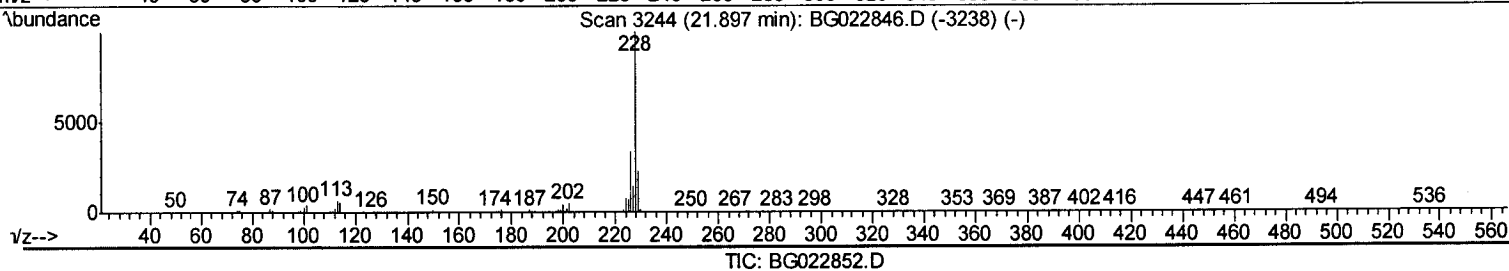
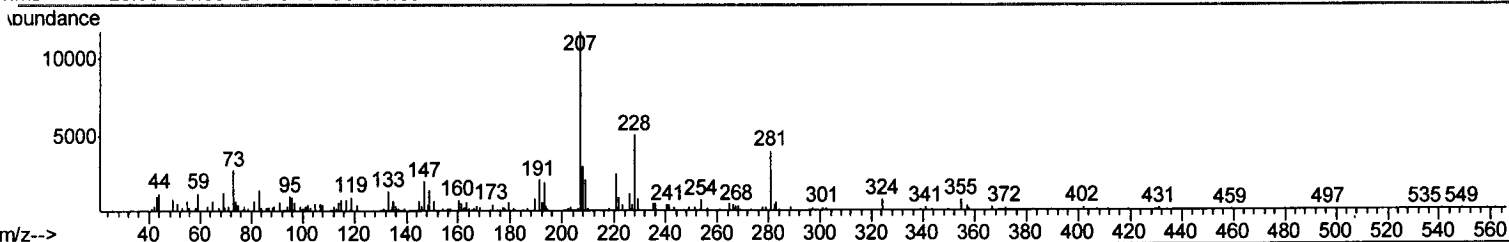
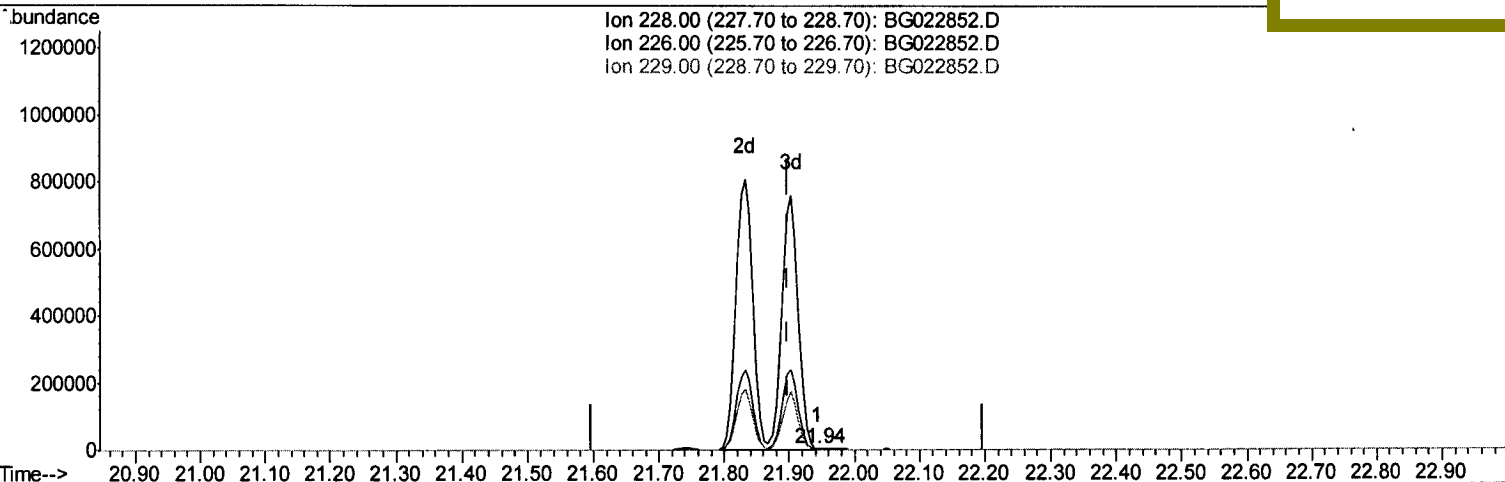
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02021

Quant Time: Jul 06 03:59:26 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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(82) Chrysene

21.944min (+0.047) 0.12ng/ul

response 7718

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	25.63
229.00	18.80	18.32
0.00	0.00	0.00

Quantitation Report (Qedit)

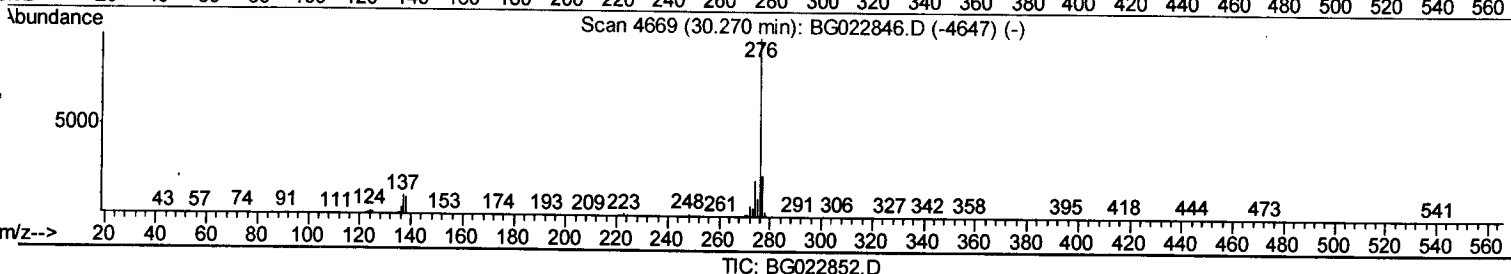
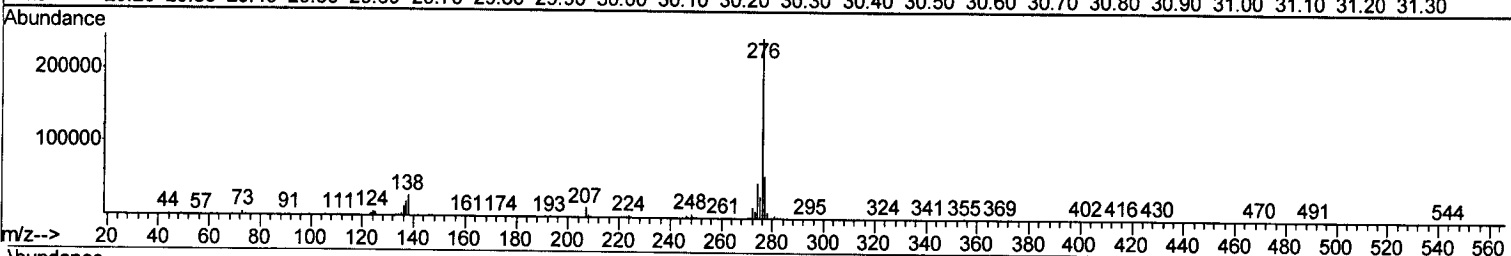
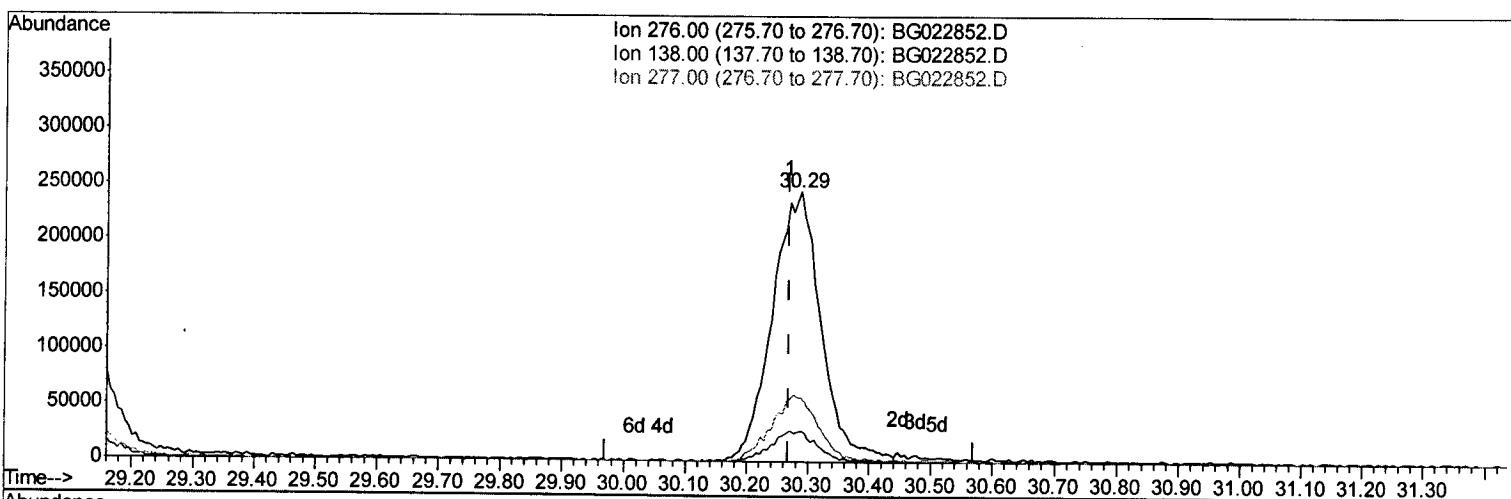
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 03:59:26 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



(91) Benzo(g,h,i)perylene

30.287min (+0.017) 22.69ng/ul m U.M
 response 1349266 07/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	11.46#
277.00	21.20	23.55
0.00	0.00	0.00

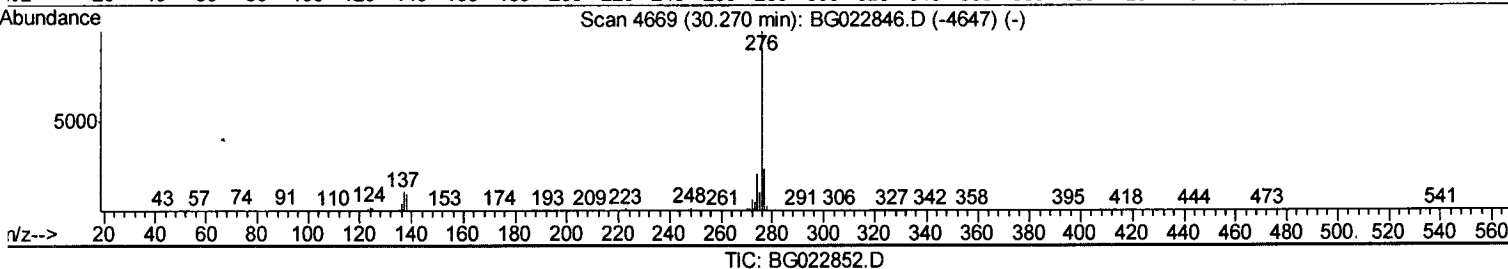
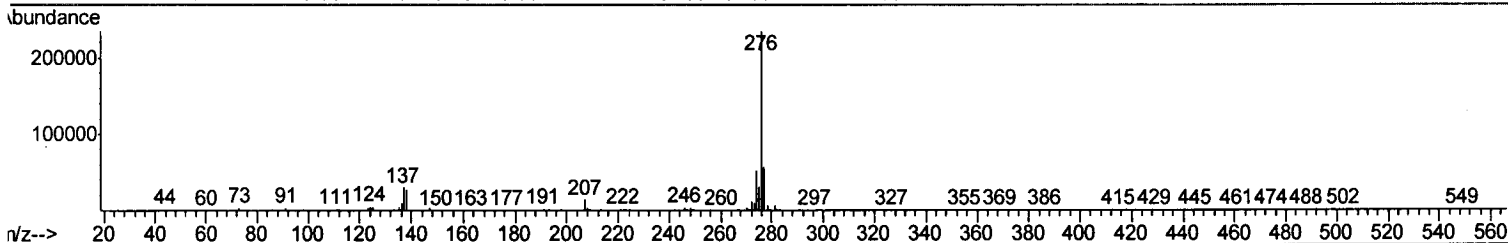
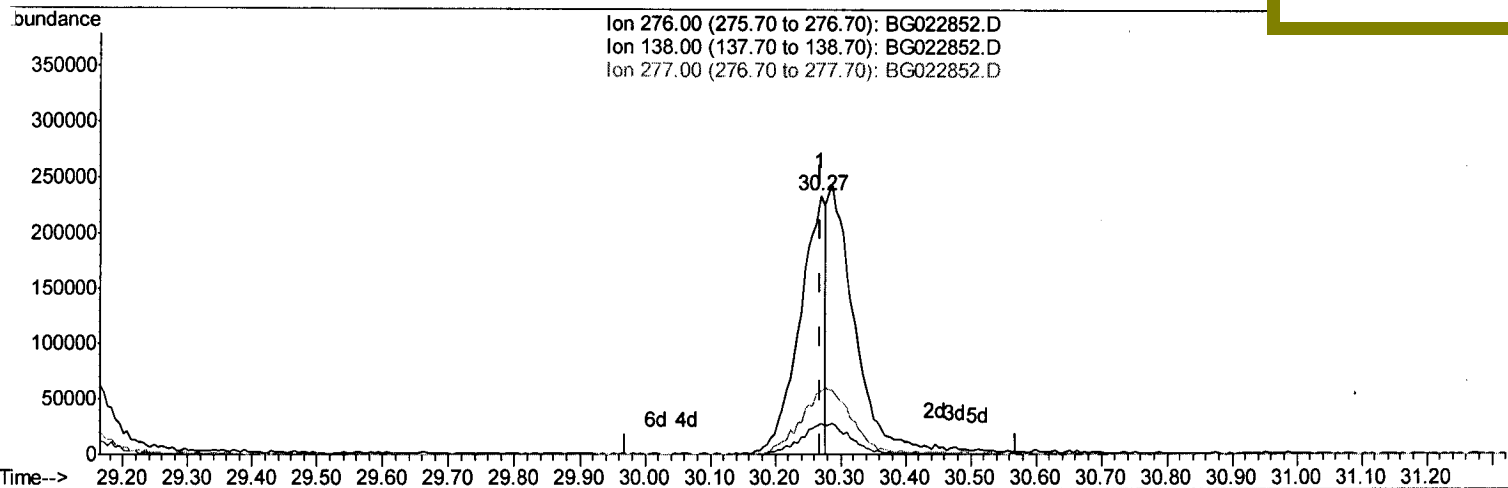
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02021

Quant Time: Jul 06 03:59:26 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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7/6/2016 7:17:16 PM



(91) Benzo(g,h,i)perylene

30.270min (-0.000) 10.62ng/ul

response 631585

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	11.71#
277.00	21.20	24.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022852.D
 Acq On : 5 Jul 2016 15:57
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02021

Manual Integration

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 7/6/2016 7:17:16 PM

Quant Time: Jul 06 04:05:41 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	341432	20.05	ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	187708	18.26	ng/ul	96
38) 2,4,6-Trichlorophenol	13.23	196	229996	19.58	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	238531	19.30	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	690439	19.93	ng/ul	95
41) 2-Chloronaphthalene	13.68	162	553075	19.72	ng/ul	99
42) 2-Nitroaniline	13.88	65	223037	20.56	ng/ul#	60
44) Dimethylphthalate	14.24	163	740117	19.59	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	158637	19.39	ng/ul#	84
47) Acenaphthylene	14.52	152	851475	19.94	ng/ul	97
48) 3-Nitroaniline	14.70	138	141333	22.11	ng/ul#	56
49) Acenaphthene	14.86	153	566280	19.52	ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	78578	17.29	ng/ul#	77
52) 4-Nitrophenol	15.01	109	148379	20.08	ng/ul#	56
53) Dibenzofuran	15.19	168	887283	19.80	ng/ul#	80
54) 2,4-Dinitrotoluene	15.15	165	230010	19.44	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.42	232	239653	19.05	ng/ul#	94
56) Diethylphthalate	15.60	149	762908	19.87	ng/ul	95
58) Fluorene	15.85	166	707395	19.64	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.83	204	416205	19.30	ng/ul	99
60) 4-Nitroaniline	15.86	138	153358m	19.97	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.92	198	147328m	20.02	ng/ul	
64) N-Nitrosodiphenylamine	16.05	169	650543	20.46	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	291383	20.17	ng/ul	94
66) Hexachlorobenzene	16.85	284	310089	20.28	ng/ul	93
67) Atrazine	16.99	200	283151m	21.35	ng/ul	
68) Pentachlorophenol	17.20	266	175726m	19.99	ng/ul	
69) Phenanthrene	17.60	178	1148322m	20.79	ng/ul	
71) Anthracene	17.68	178	1181459	20.82	ng/ul	98
72) Carbazole	17.95	167	951749	22.66	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1172797	21.75	ng/ul#	96
74) Fluoranthene	19.60	202	1361849m	23.67	ng/ul	
77) Pyrene	19.96	202	1376757m	20.73	ng/ul	
78) Butylbenzylphthalate	20.83	149	571041m	22.17	ng/ul	
79) 3,3'-Dichlorobenzidine	21.74	252	530769m	23.62	ng/ul	
80) Benzo(a)anthracene	21.83	228	1450676m	20.84	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	763117m	22.96	ng/ul	
82) Chrysene	21.90	228	1327024m	20.95	ng/ul	
84) Di-n-octyl phthalate	22.98	149	1290689	24.23	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1521044	20.14	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	1427422	20.12	ng/ul#	87
88) Benzo(a)pyrene	25.06	252	1435335	20.00	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.08	276	1612676	21.26	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.14	278	1316546	20.99	ng/ul#	87
91) Benzo(g,h,i)perylene	30.29	276	1349266m	22.69	ng/ul	

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

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Manual Integration

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 7/6/2016 7:17:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	130283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	571046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	455511	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1079850m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1186555m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1208482	20.00	ng/ul	0.01

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 07/11/16

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	20220	8.67	ng/uL	0.00
5) Phenol-d5	7.30	99	258624	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	153847	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	168985	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	202412	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	85999	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	100526	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	227320	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	248008	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	720999	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	851999	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	118672	20.42	ng/ul	0.00
57) Fluorene-d10	15.79	176	704338	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	140082m	20.17	ng/ul	0.00
70) Anthracene-d10	17.65	188	1039317m	20.71	ng/ul	0.00
76) Pyrene-d10	19.93	212	1182380	20.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1159614	20.20	ng/ul	0.00

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Target Compounds

					Qvalue
2) 1,4-Dioxane	3.57	88	22799	8.34 ng/uL#	79
4) Benzaldehyde	7.28	77	177185	20.34 ng/ul	86
6) Phenol	7.33	94	271072	19.31 ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.57	93	186085	19.39 ng/ul	89
10) 2-Chlorophenol	7.72	128	176352	18.94 ng/ul#	86
11) 2-Methylphenol	8.60	108	198340	18.81 ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	219334	20.32 ng/ul	98
14) Acetophenone	8.98	105	341400	19.86 ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.96	70	194469	18.82 ng/ul#	84
16) 4-Methylphenol	8.92	108	223406	19.06 ng/ul	94
17) Hexachloroethane	9.25	117	80557	20.32 ng/ul#	70
20) Nitrobenzene	9.37	77	285821	20.41 ng/ul#	77
21) Isophorone	9.89	82	508983	20.38 ng/ul#	89
23) 2-Nitrophenol	10.09	139	115671	19.84 ng/ul#	47
24) 2,4-Dimethylphenol	10.13	107	284280	20.37 ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.37	93	293191	19.89 ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	223196	19.33 ng/ul	95
28) Naphthalene	11.03	128	595270	20.39 ng/ul	96
30) 4-Chloroaniline	11.14	127	239904	24.15 ng/ul	100
31) Hexachlorobutadiene	11.31	225	183978	20.69 ng/ul	95
32) Caprolactam	11.89	113	76272m	19.80 ng/ul	82
33) 4-Chloro-3-methylphenol	12.25	107	279378	19.13 ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	494283	20.46 ng/ul	97

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