

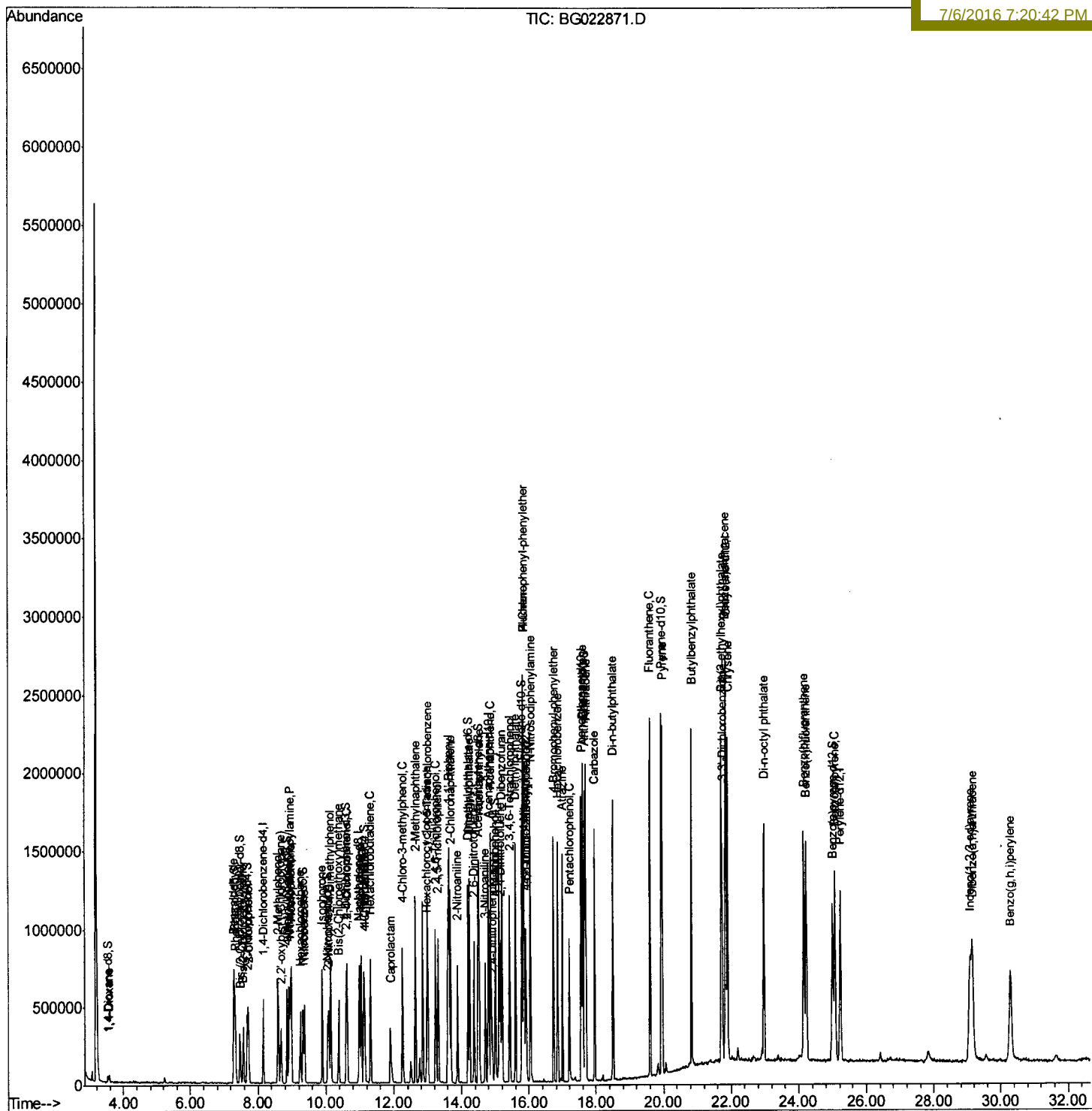
```
Data Path   : Z:\HPCHEM1\BNA_G\Data\BG070616\  
Data File  : BG022871.D  
Acq On     : 6 Jul 2016 10:22  
Operator   : UM/SJ  
Sample     : SSTDCCC020EC  
Misc      :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:41:13 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

umangi

7/6/2016 7:20:42 PM



Quantitation Report (Qedit)

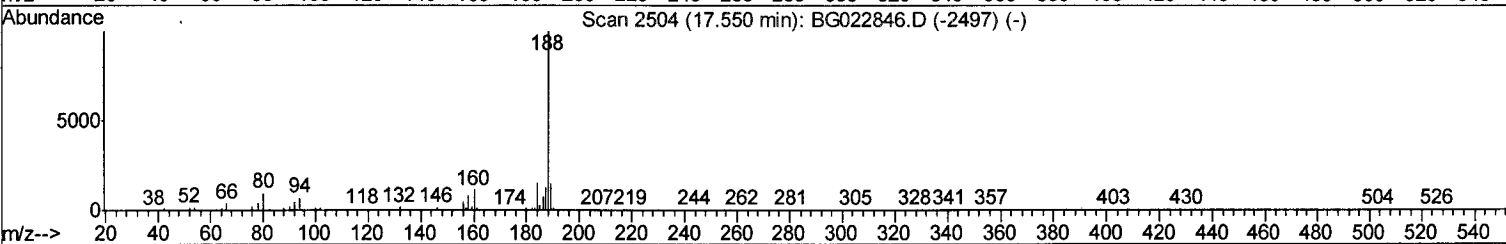
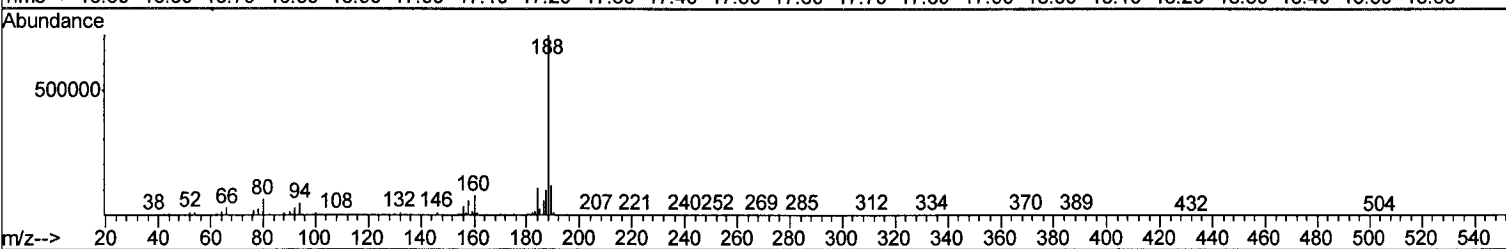
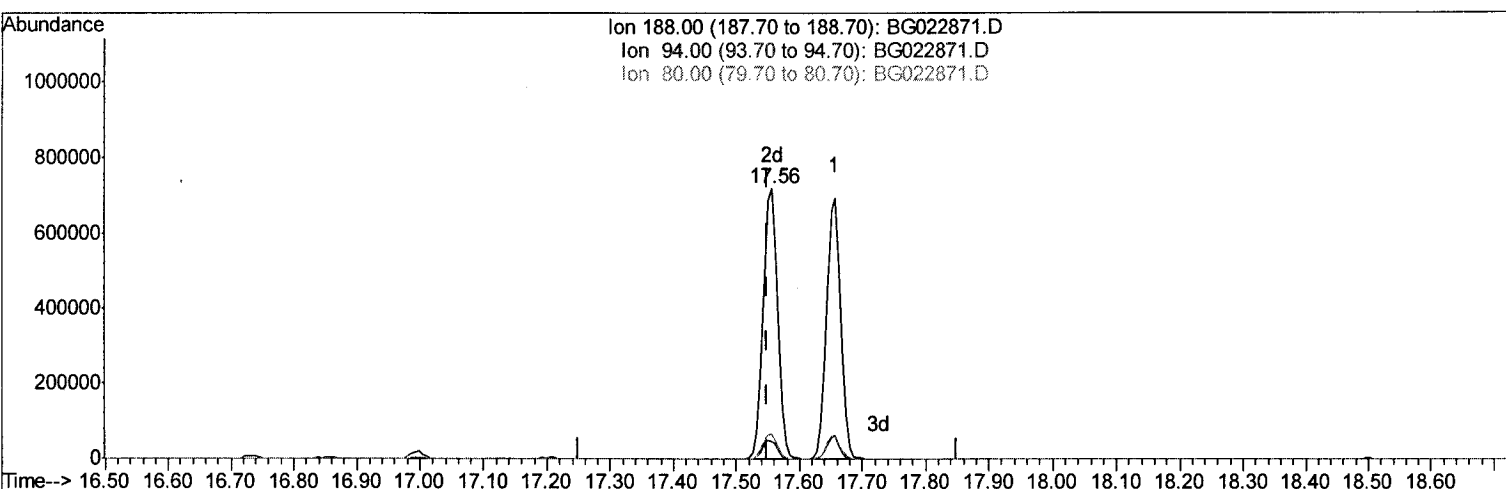
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:36:02 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

umangi

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TIC: BG022871.D

(61) Phenanthrene-d10 (I)

17.556min (+0.007) 20.00ng/ul m

response 1152955

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	6.59#
80.00	10.90	8.89
0.00	0.00	0.00

U.M
 07/11/16

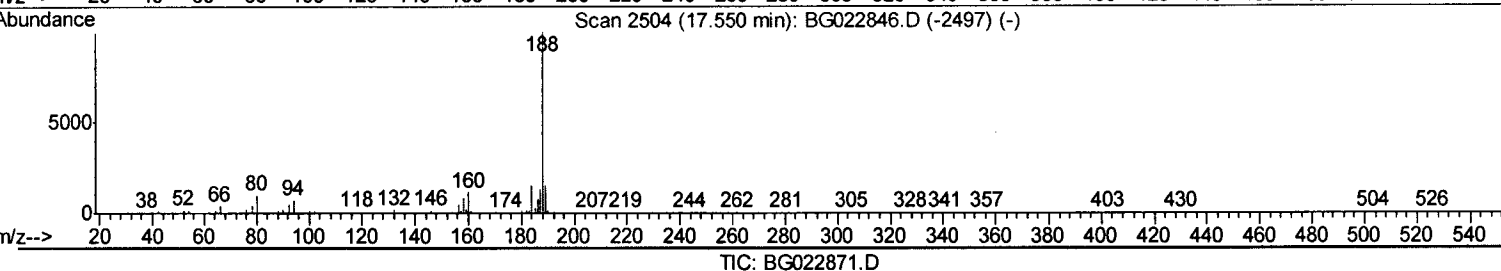
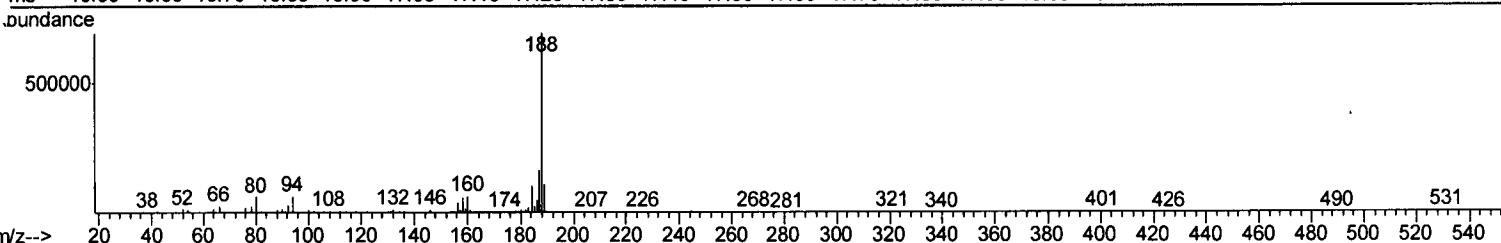
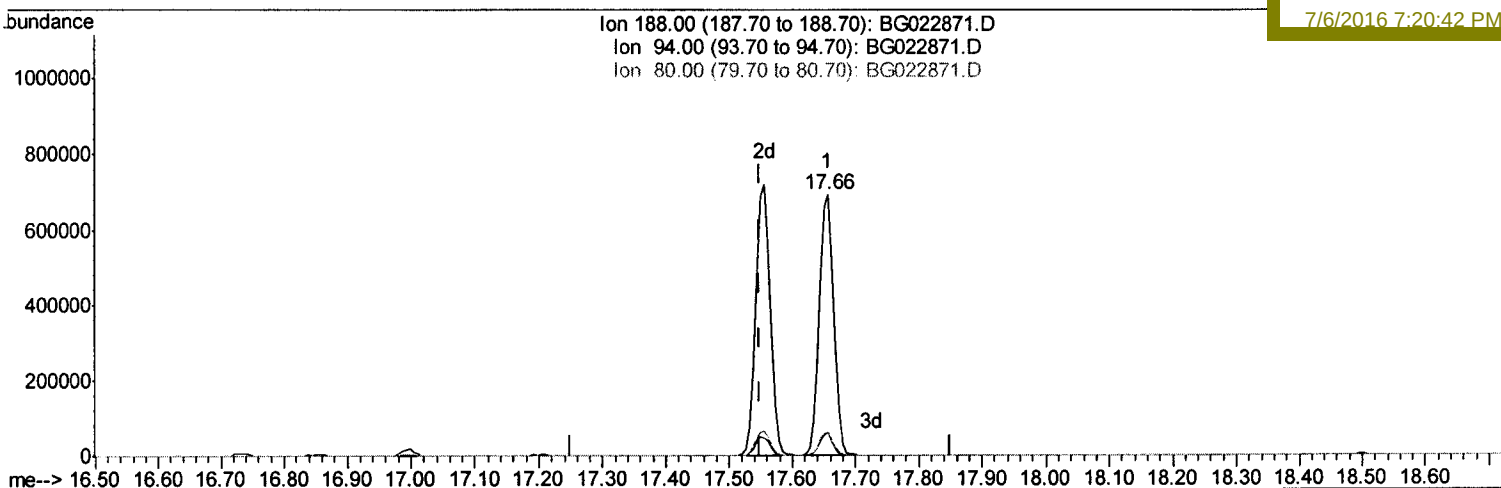
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

umangi

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Quant Time: Jul 06 18:36:02 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



(61) Phenanthrene-d10 (I)

17.656min (+0.107) 20.00ng/ul

response 1103660

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.14
80.00	10.90	8.76
0.00	0.00	0.00

Quantitation Report (Qedit)

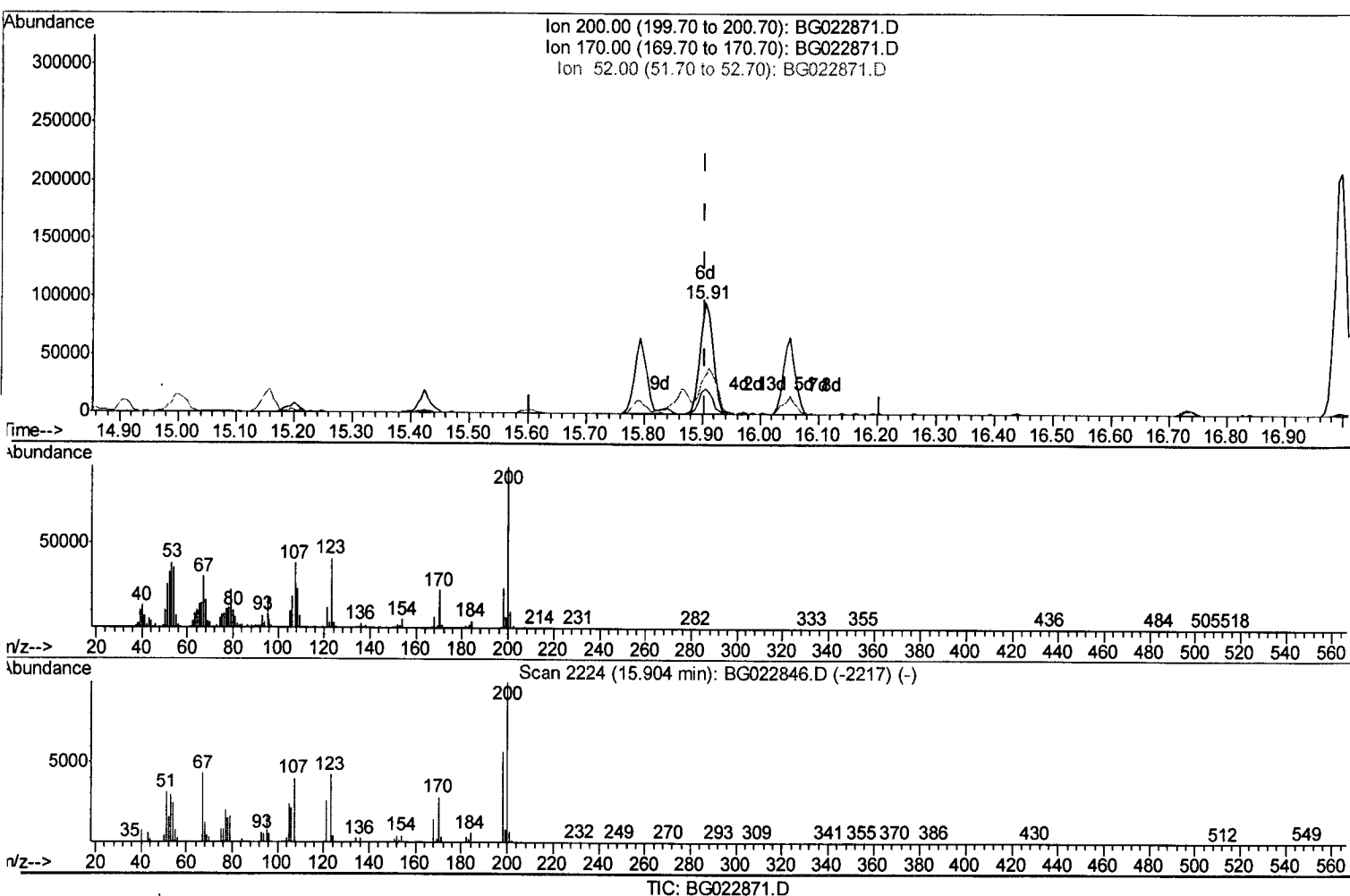
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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

15.905min (+0.001) 20.03ng/ul m U.M
 response 148512 07/11/16

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	23.28#
52.00	32.20	34.58
0.00	0.00	0.00

Quantitation Report (Qedit)

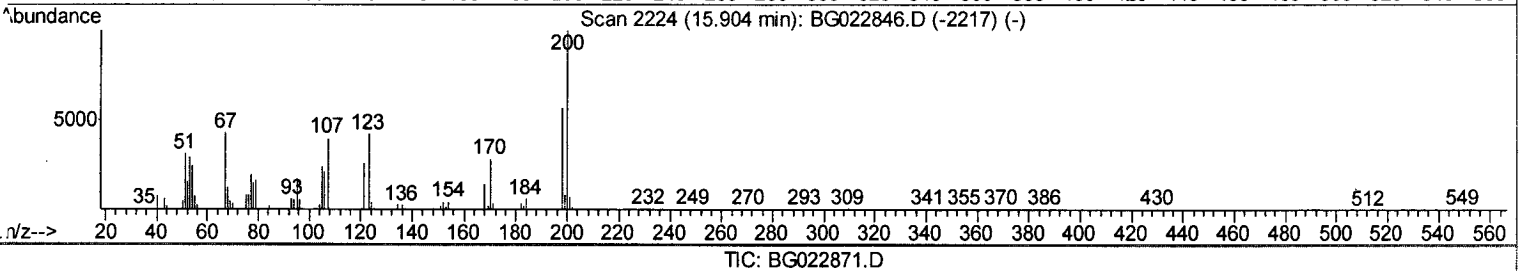
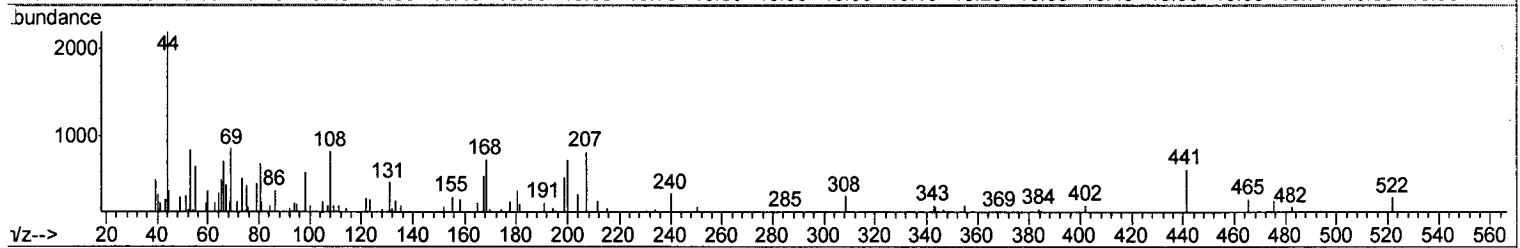
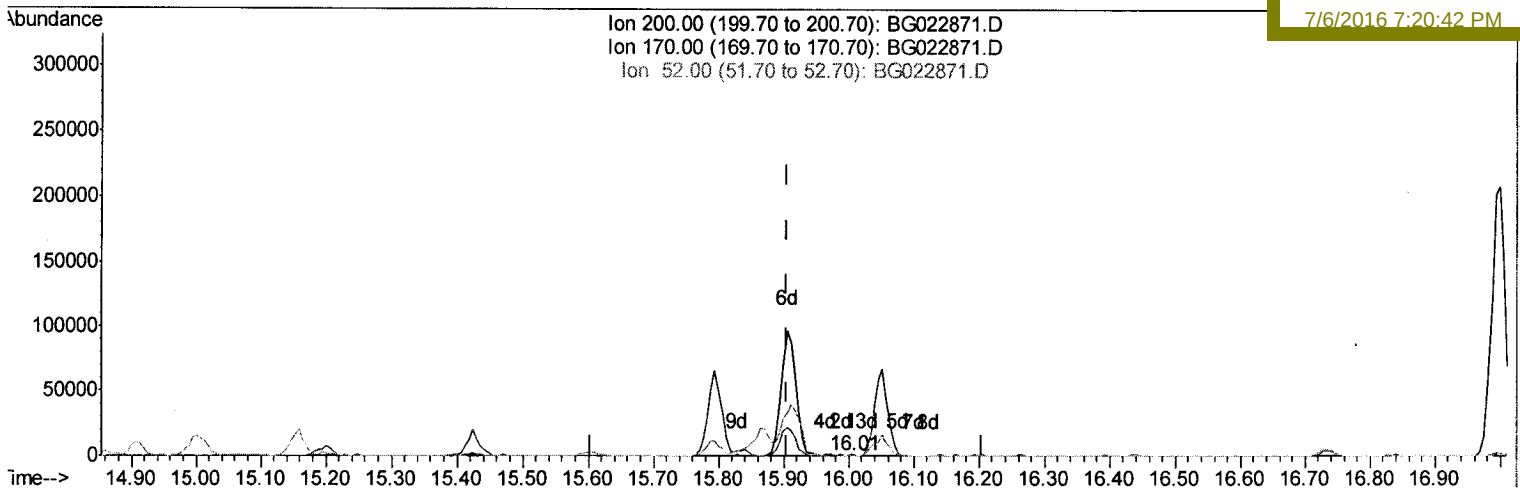
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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

16.005min (+0.101) 0.04ng/ul

response 261

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	24.02#
52.00	32.20	25.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

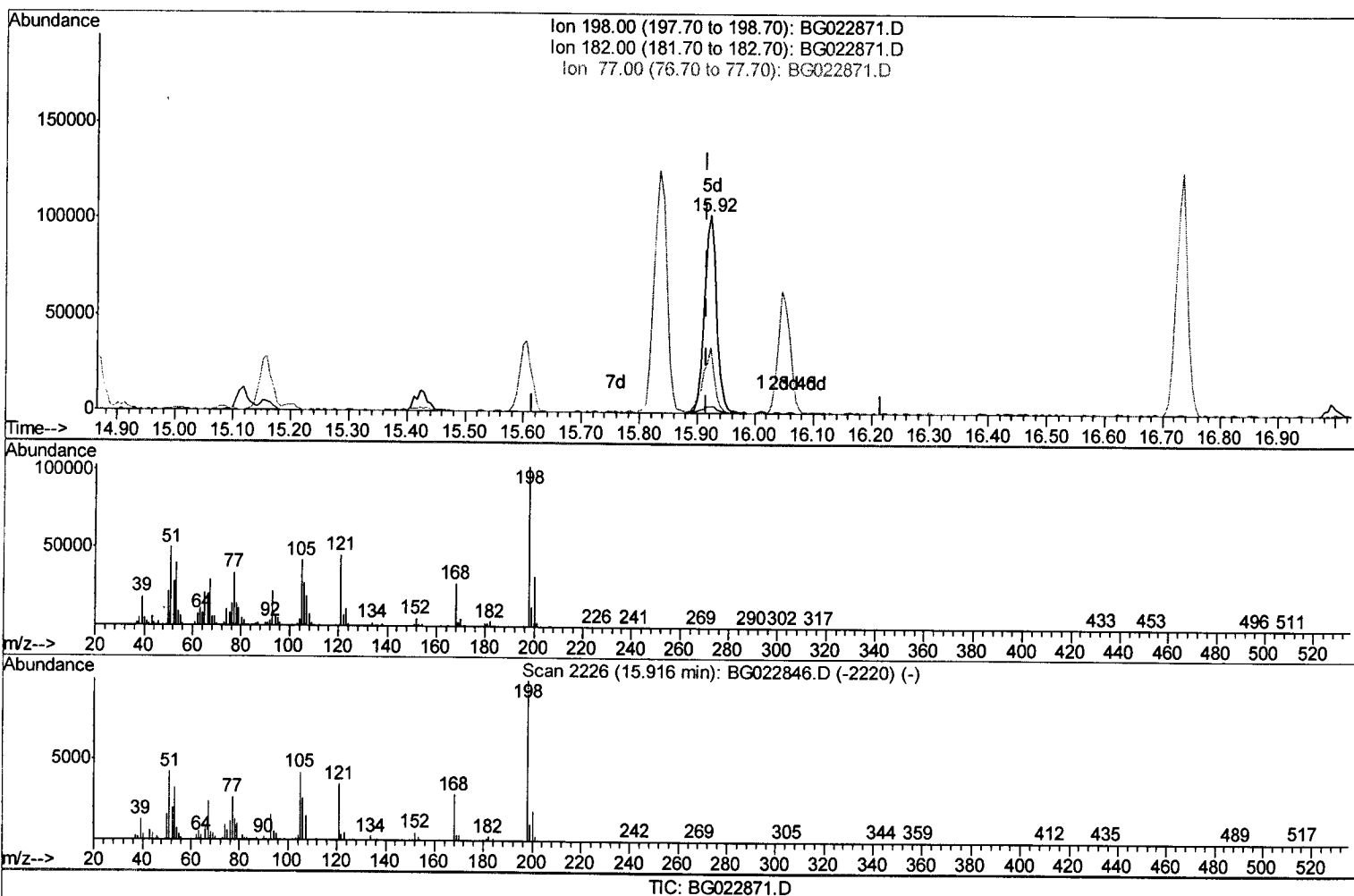
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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

15.923min (+0.007) 19.63ng/ul m U.M

response 154274

Ion	Exp%	Act%
198.00	100	100
182.00	5.20	3.40#
77.00	20.90	33.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

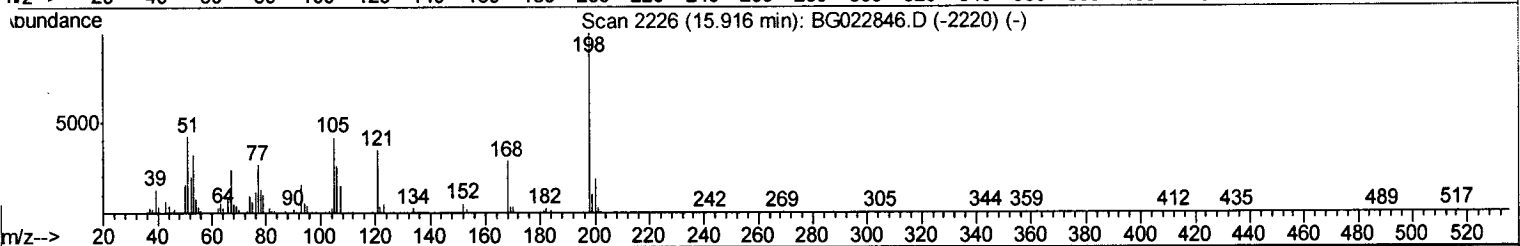
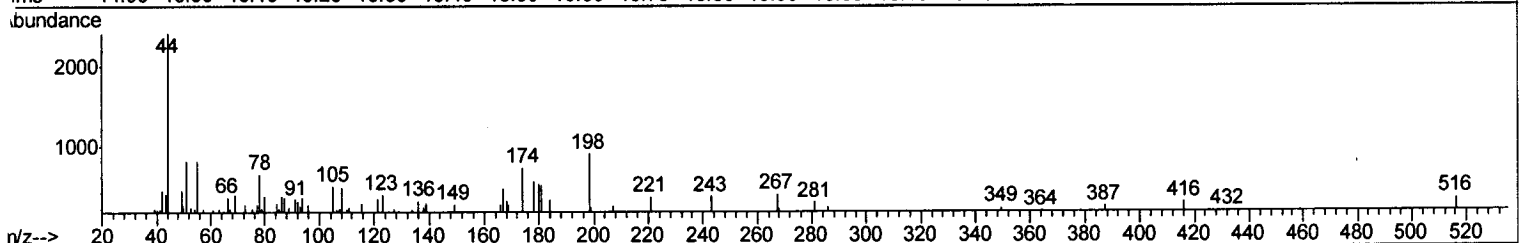
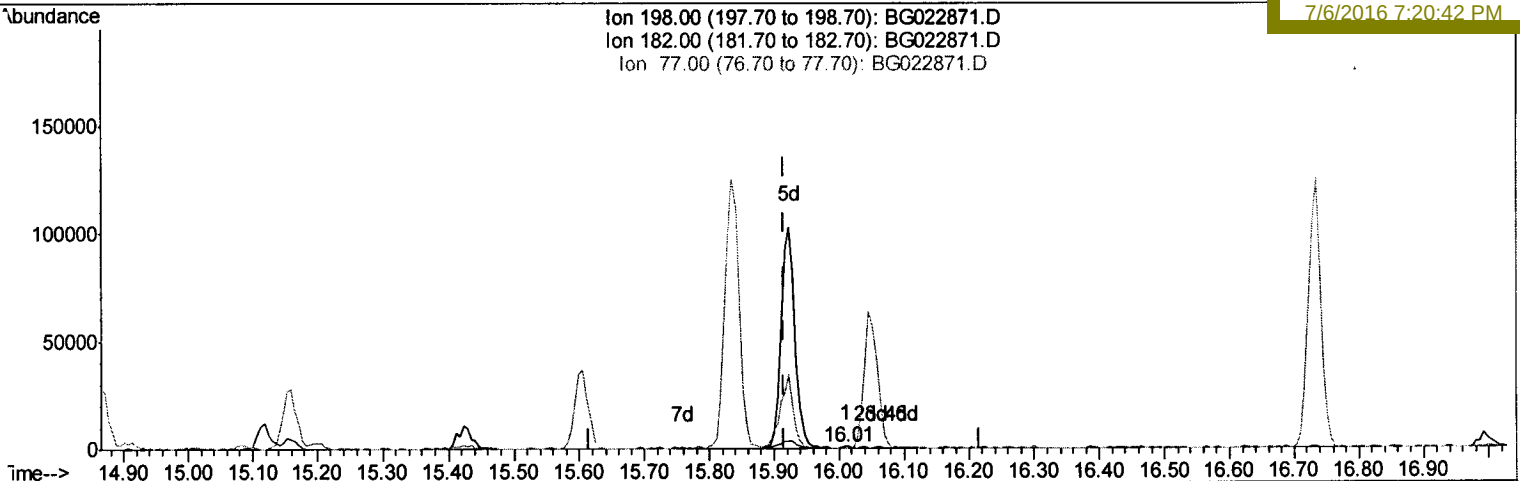
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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TIC: BG022871.D

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

16.011min (+0.095) 0.10ng/ul

response 772

Ion	Exp%	Act%
198.00	100	100
182.00	5.20	0.00#
77.00	20.90	27.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

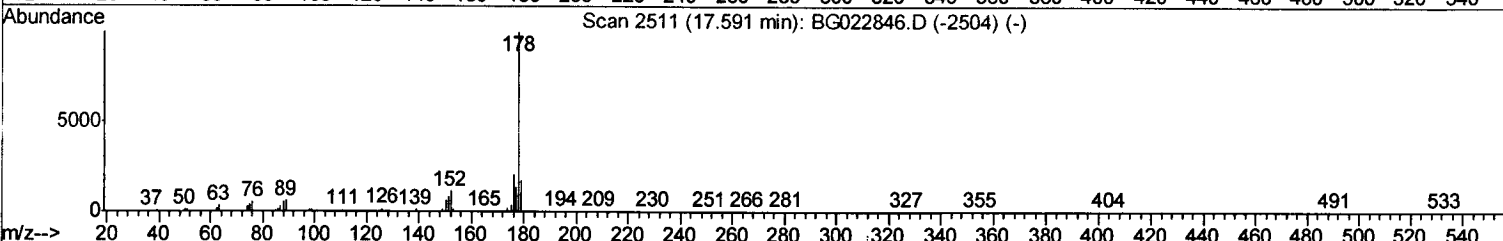
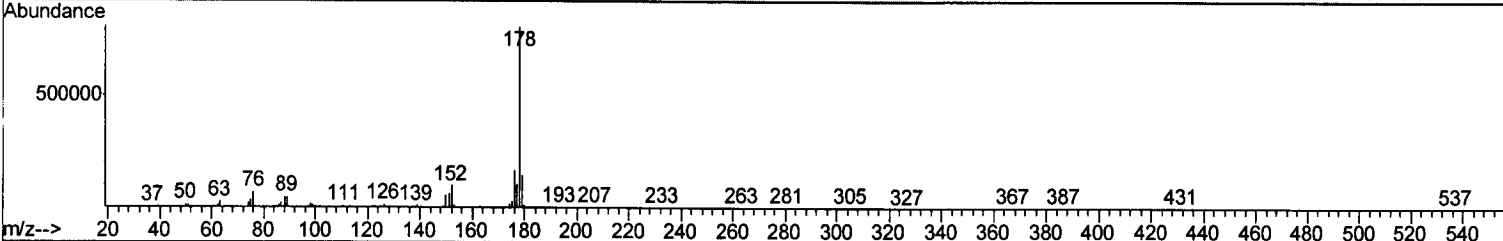
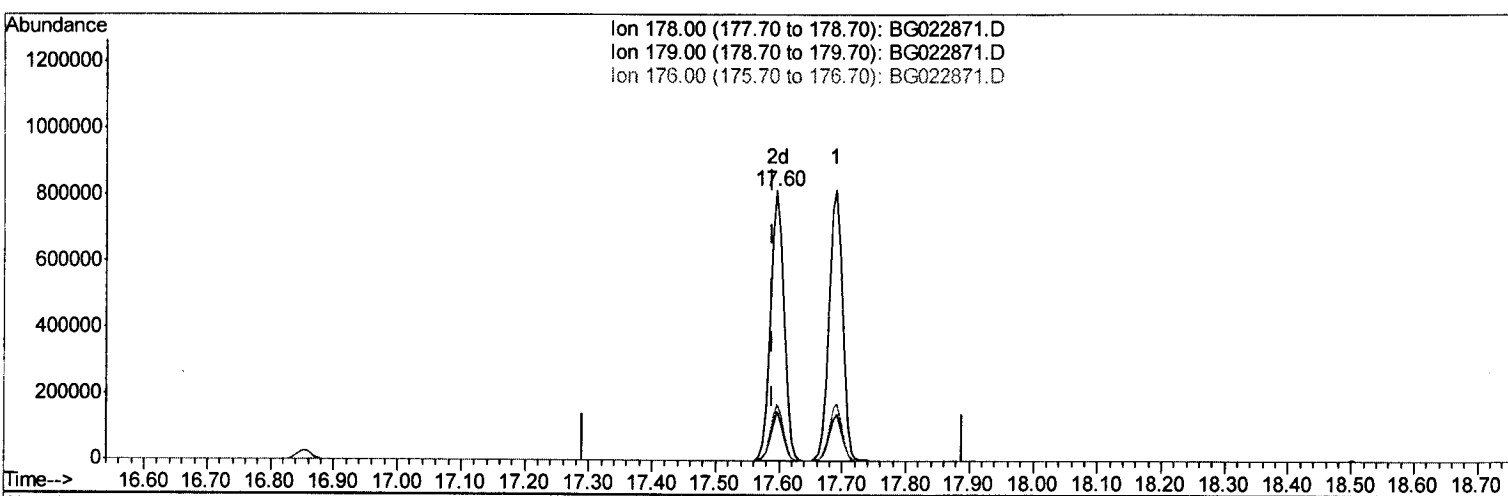
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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TIC: BG022871.D

(69) Phenanthrene

17.597min (+0.007) 20.69ng/ul m

response 1219994

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	18.03
176.00	19.80	20.87
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

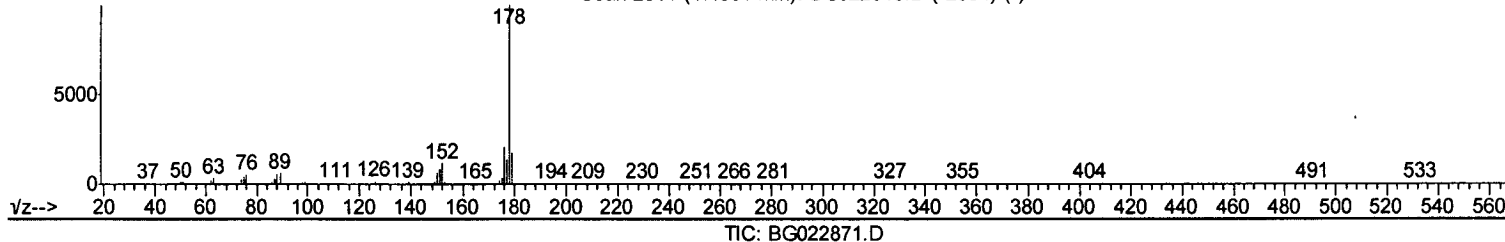
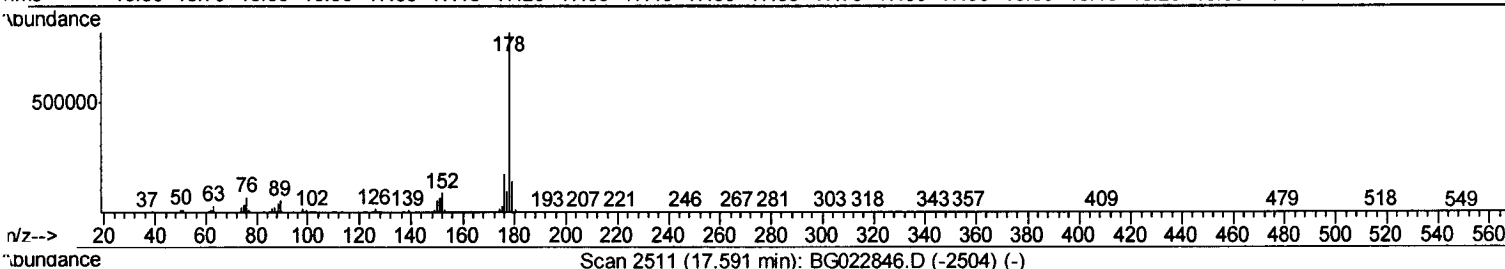
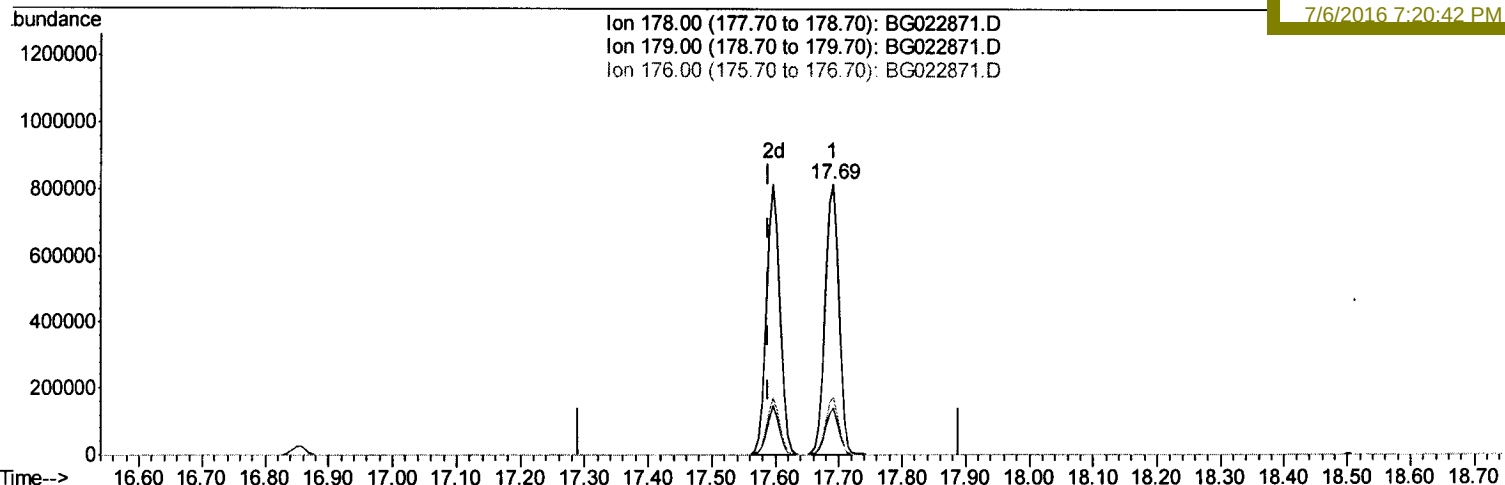
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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(69) Phenanthrene

17.691min (+0.101) 21.19ng/ul

response 1249710

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	17.40
176.00	19.80	21.01
0.00	0.00	0.00

Quantitation Report (Qedit)

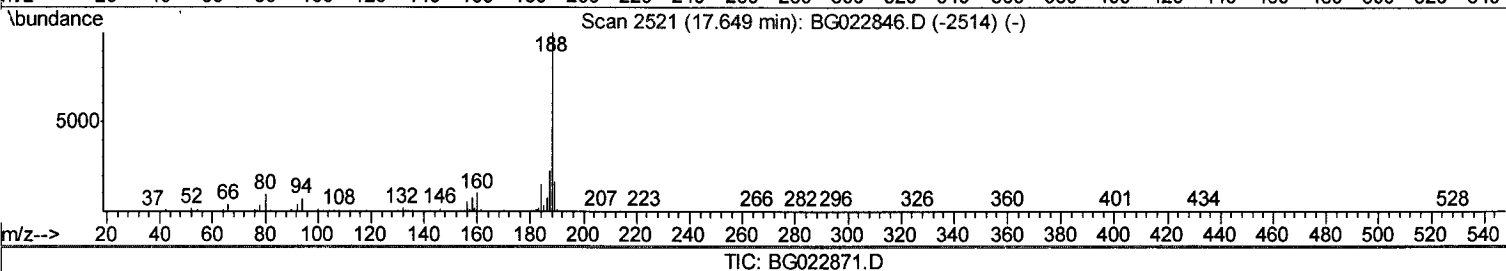
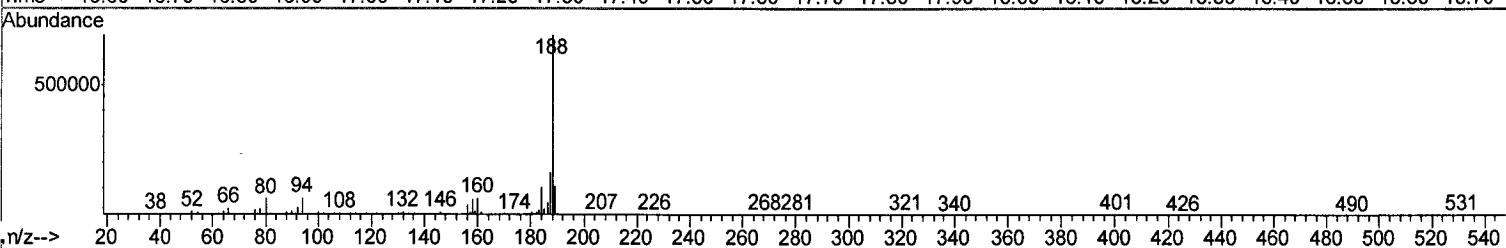
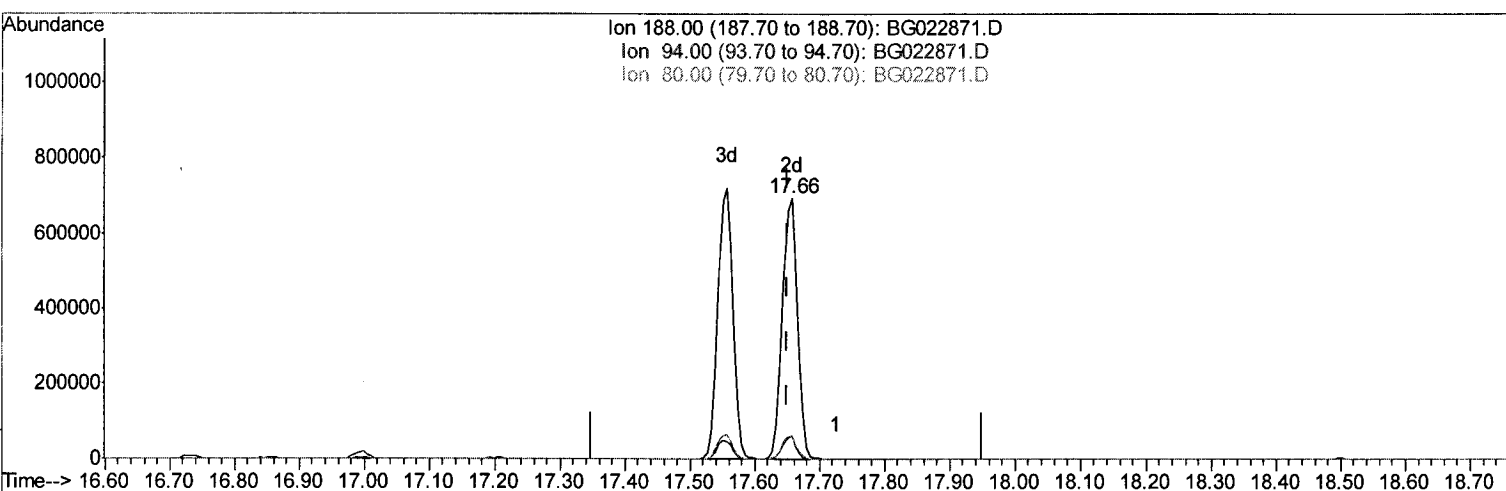
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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(70) Anthracene-d10 (S)

17.656min (+0.007) 20.61ng/ul m U.M

response 1104685

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.14#
80.00	11.90	8.76#
0.00	0.00	0.00

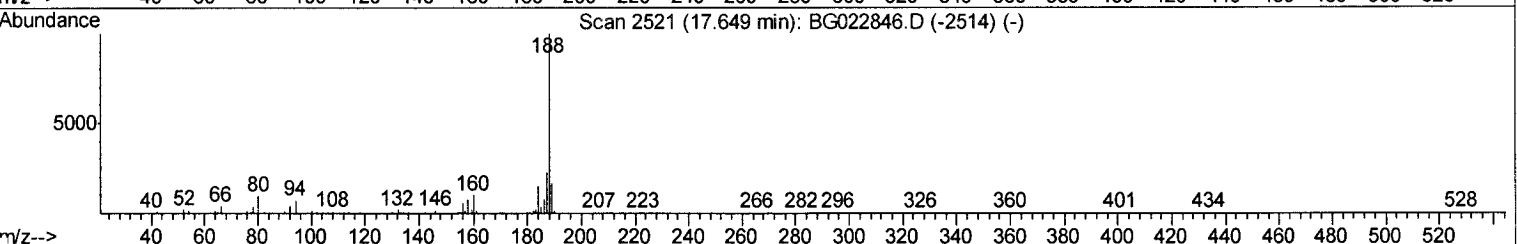
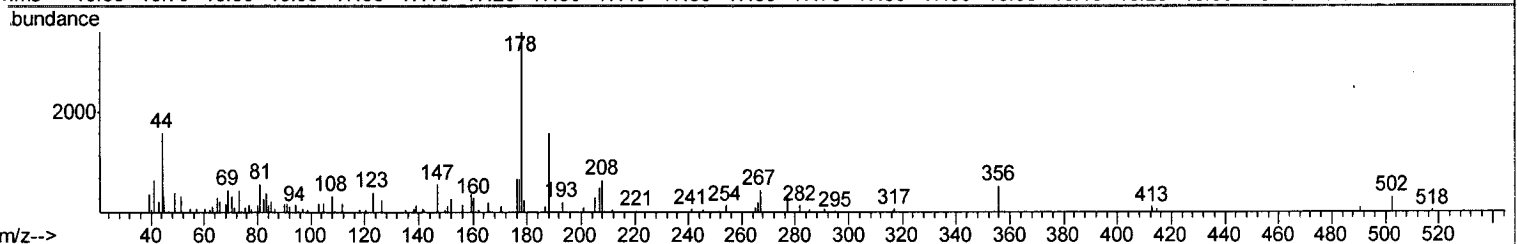
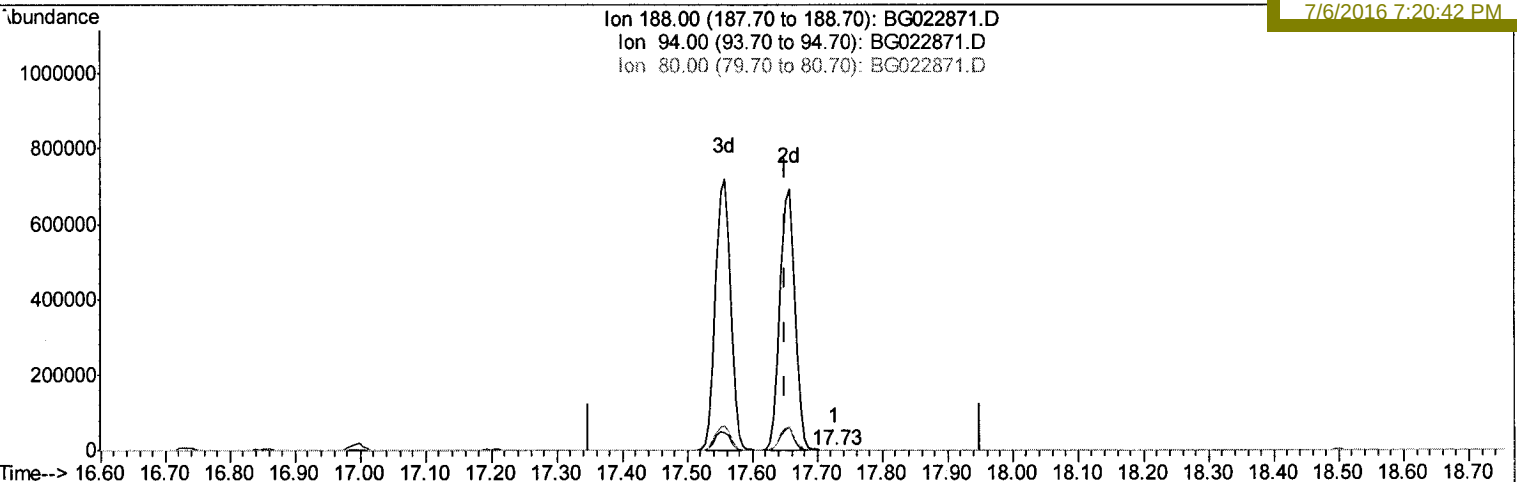
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:37:14 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: BG022871.D

(70) Anthracene-d10 (S)

17.727min (+0.077) 0.03ng/ul

response 1569

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	17.16#
80.00	11.90	17.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

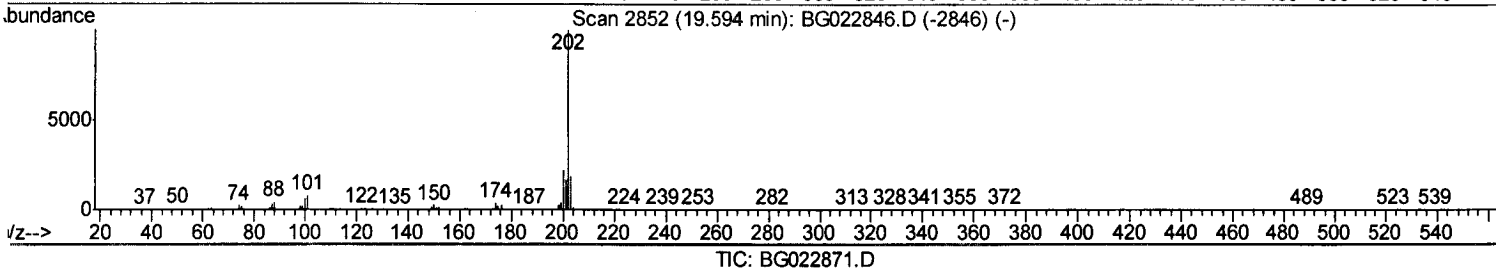
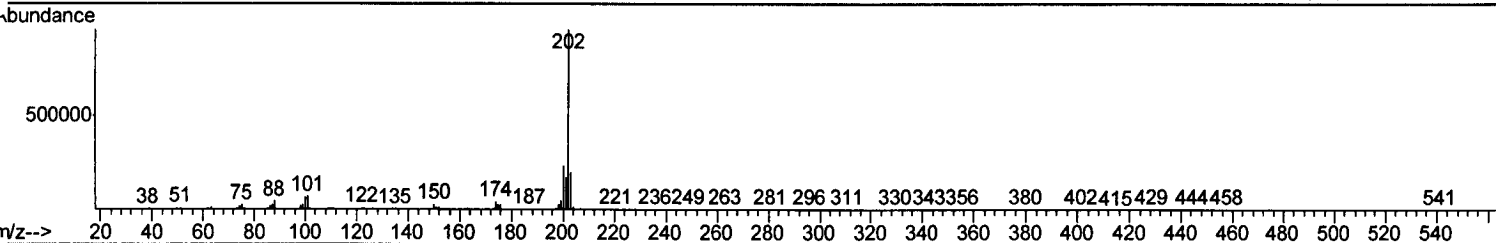
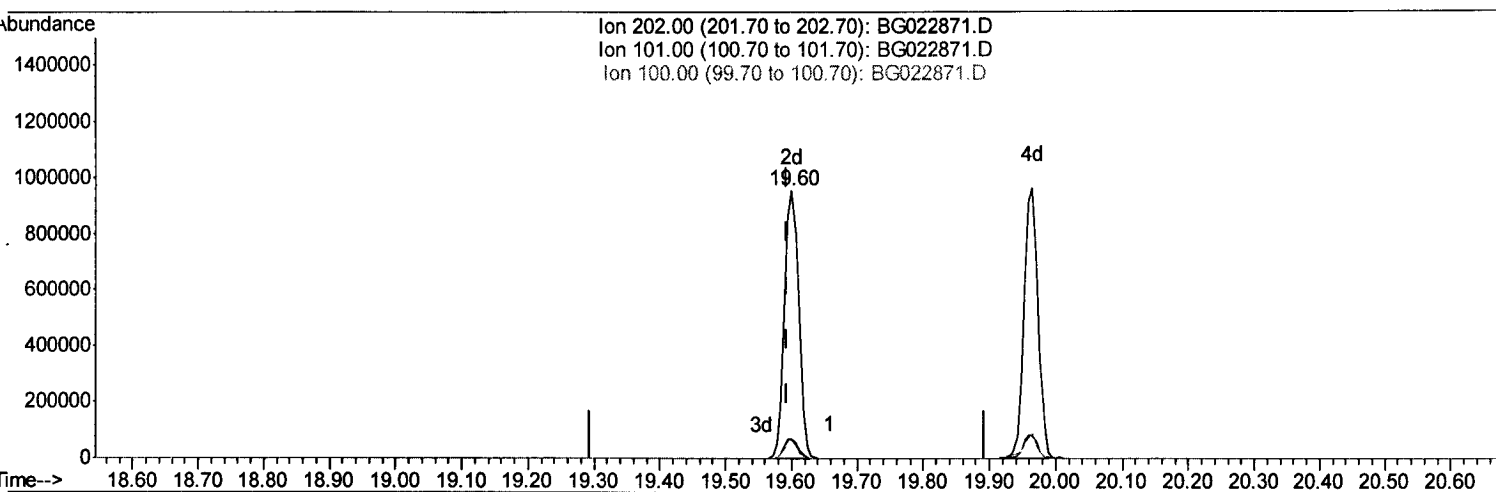
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

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Quant Time: Jul 06 18:37:14 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)

19.601min (+0.007) 23.23ng/ul m U.M

response 1427343

07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	7.42#
100.00	10.90	7.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

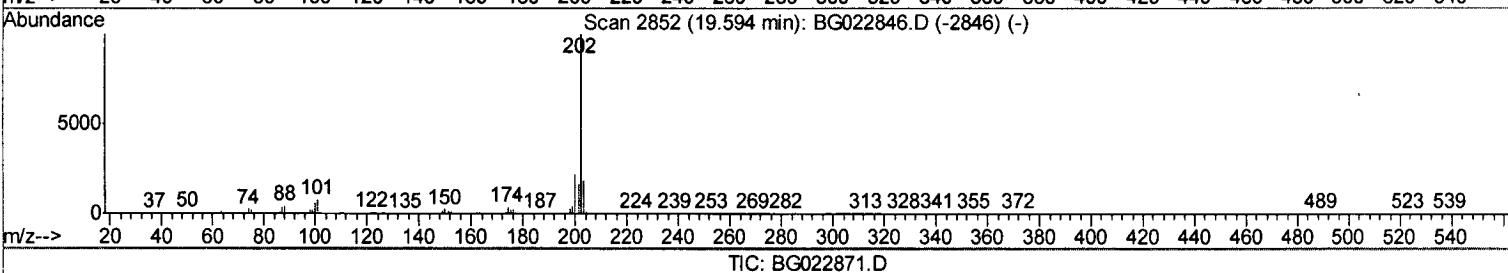
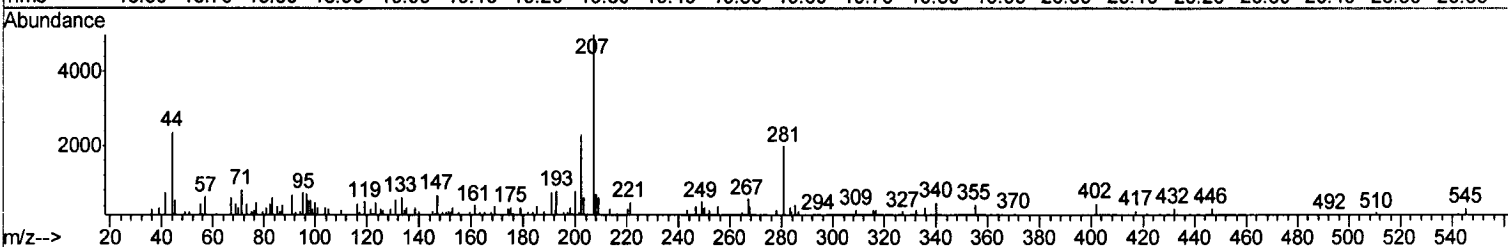
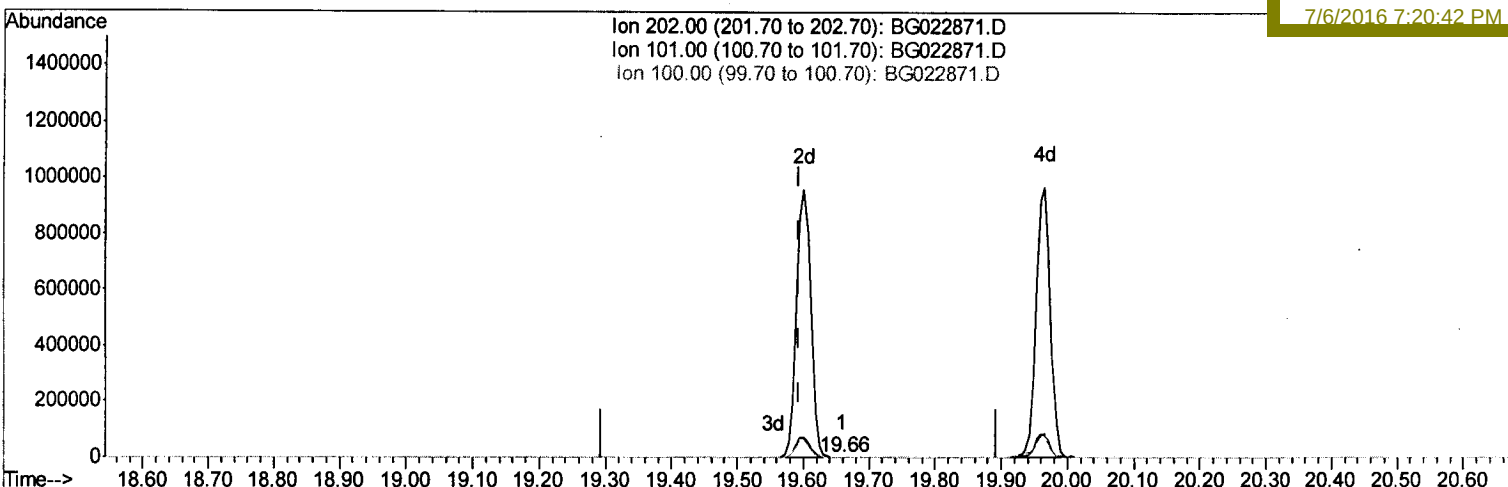
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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(74) Fluoranthene (C)

19.660min (+0.066) 0.03ng/ul

response 1690

Ion	Exp%	Act%
202.00	100	100
101.00	13.30	15.05
100.00	10.90	21.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

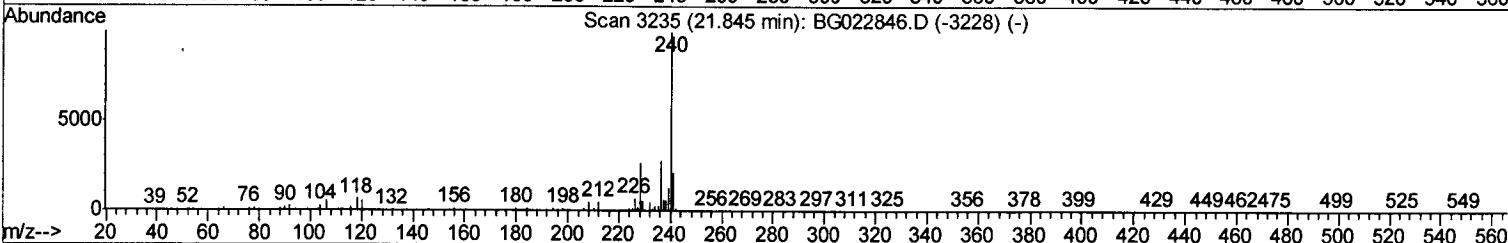
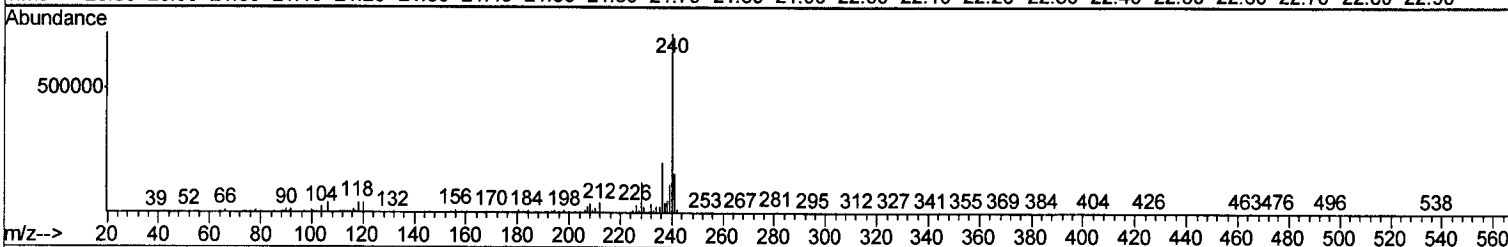
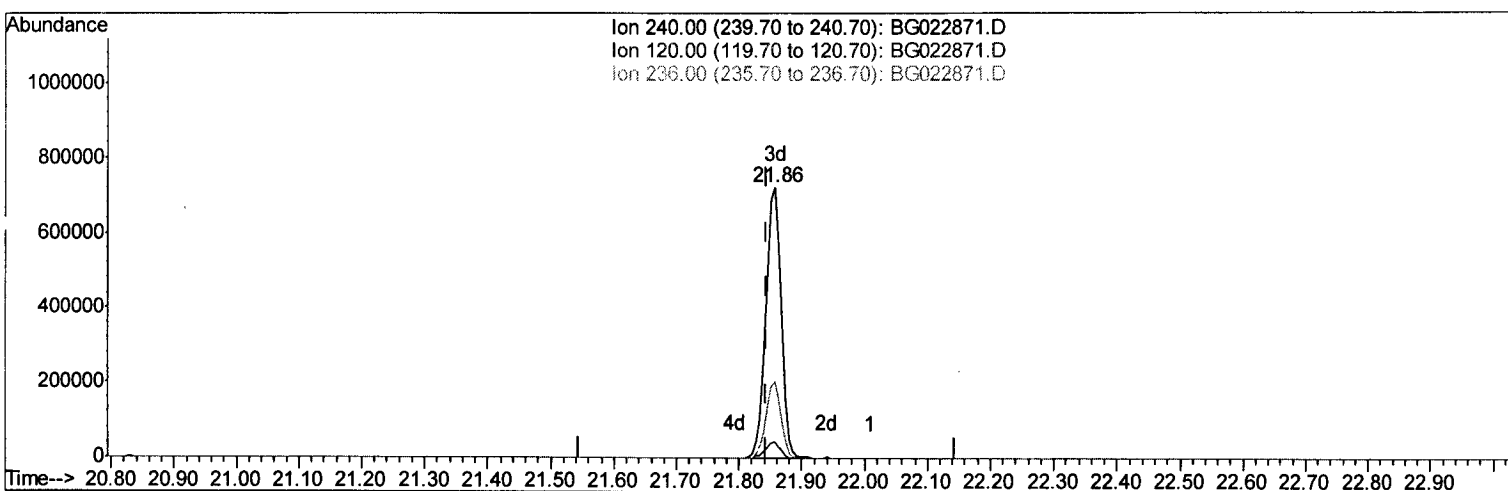
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

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Quant Time: Jul 06 18:37:14 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



TIC: BG022871.D

(75) Chrysene-d12 (I)

21.857min (+0.013) 20.00ng/ul m

response 1221040

Ion Exp% Act%

240.00 100 100

120.00 14.40 5.71#

236.00 26.10 28.22

0.00 0.00 0.00

U. M
 07/11/16

Quantitation Report (Qedit)

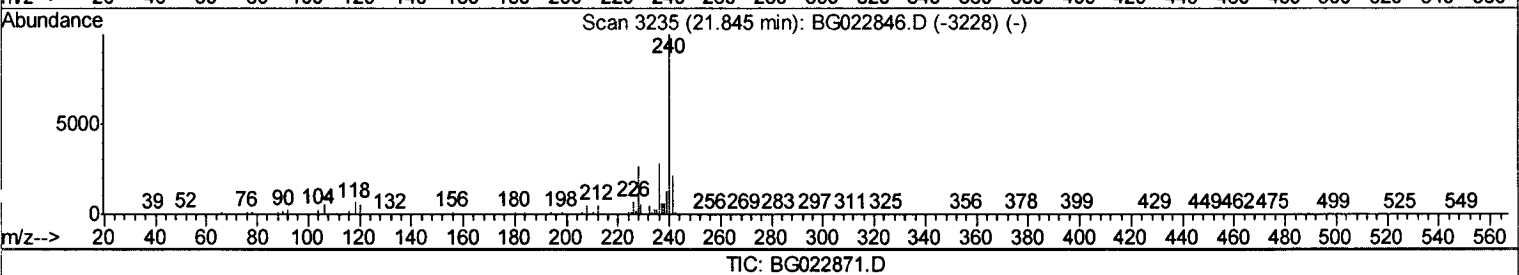
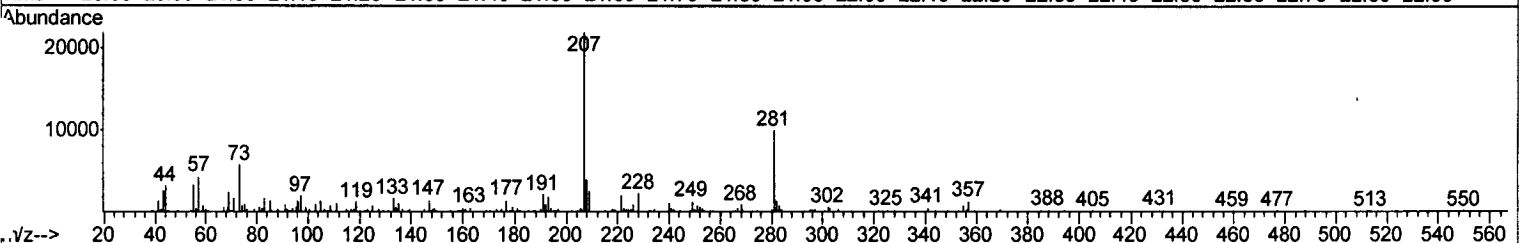
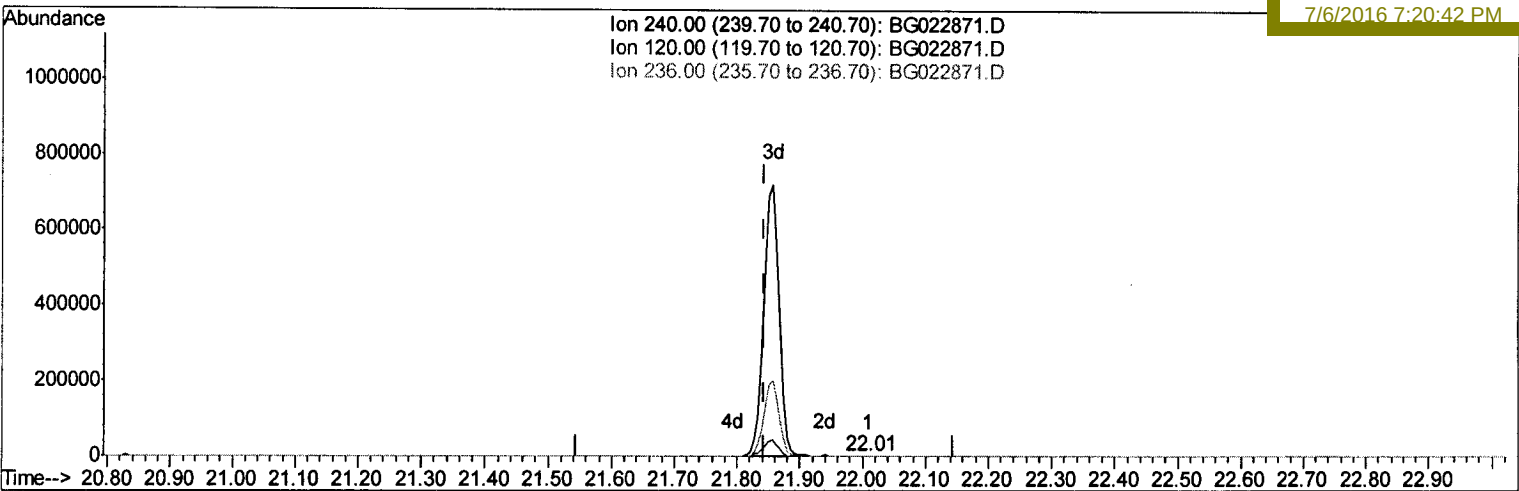
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:37:14 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

umangi

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(75) Chrysene-d12 (I)

22.010min (+0.165) 20.00ng/ul

response 1234

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	28.70#
236.00	26.10	17.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

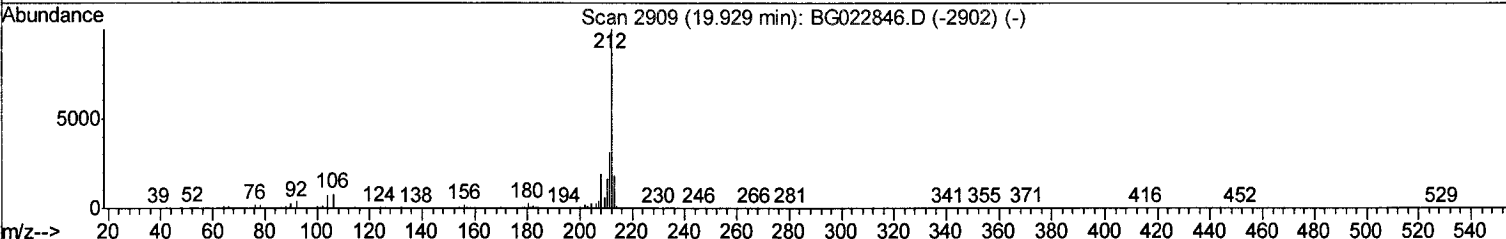
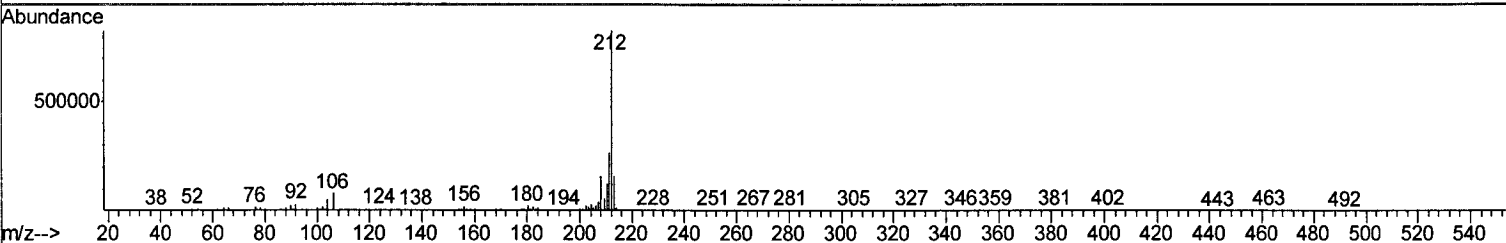
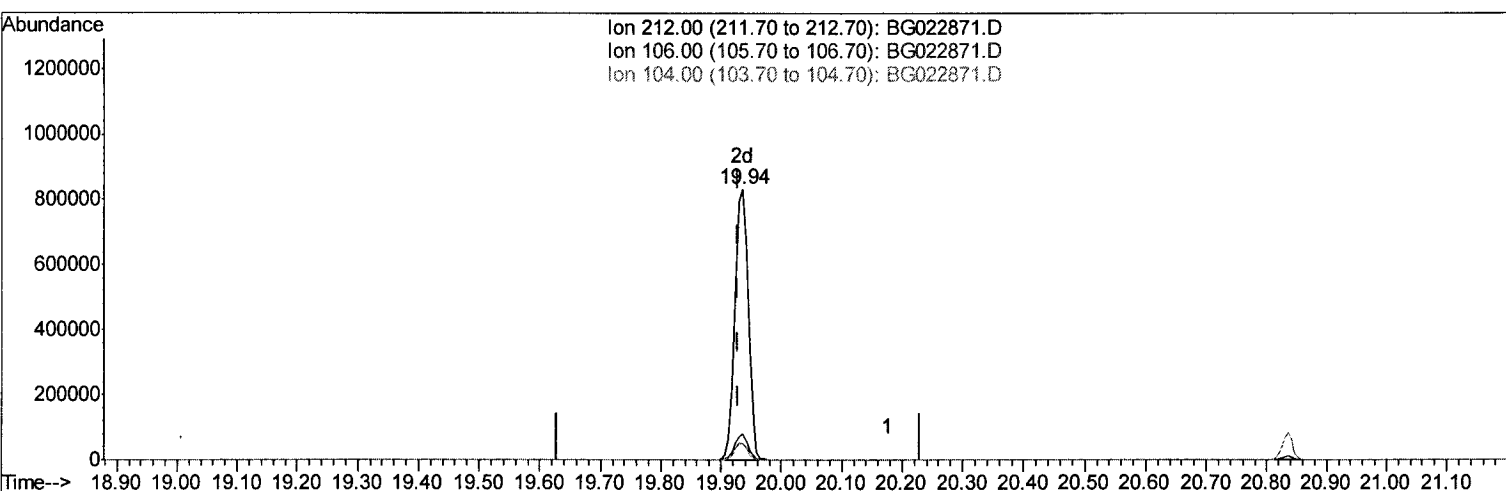
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

7/6/2016 7:20:42 PM



TIC: BG022871.D

(76) Pyrene-d10 (S)

19.936min (+0.007) 21.60ng/ul m

response 1259834

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	9.43#
104.00	11.70	6.13#
0.00	0.00	0.00

UM
 07/11/16

Quantitation Report (Qedit)

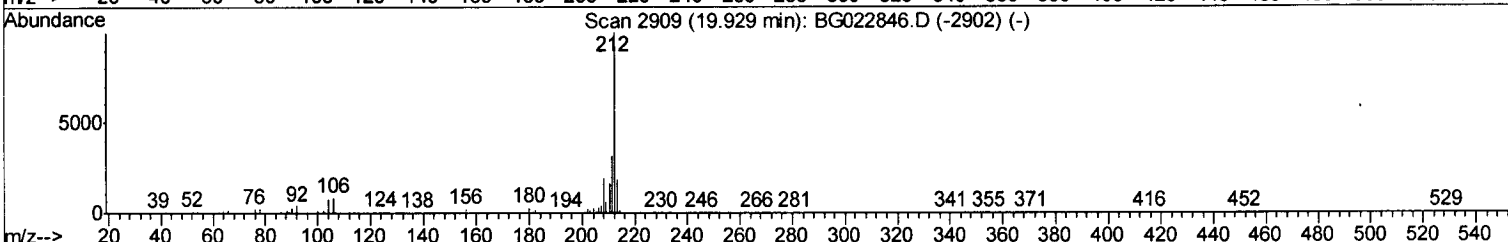
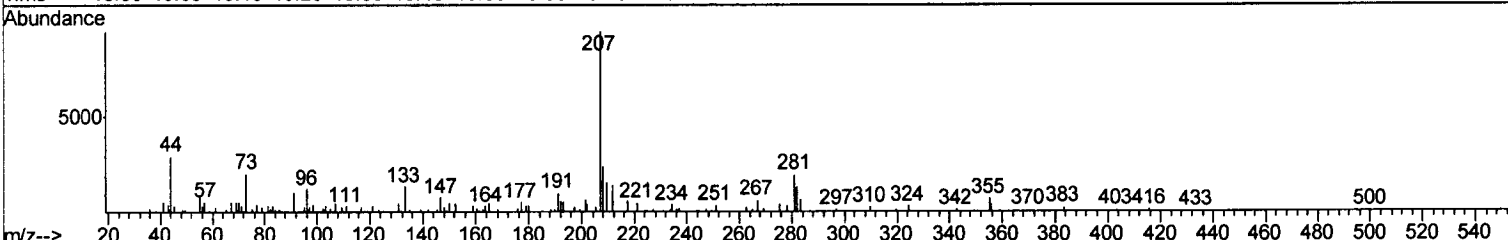
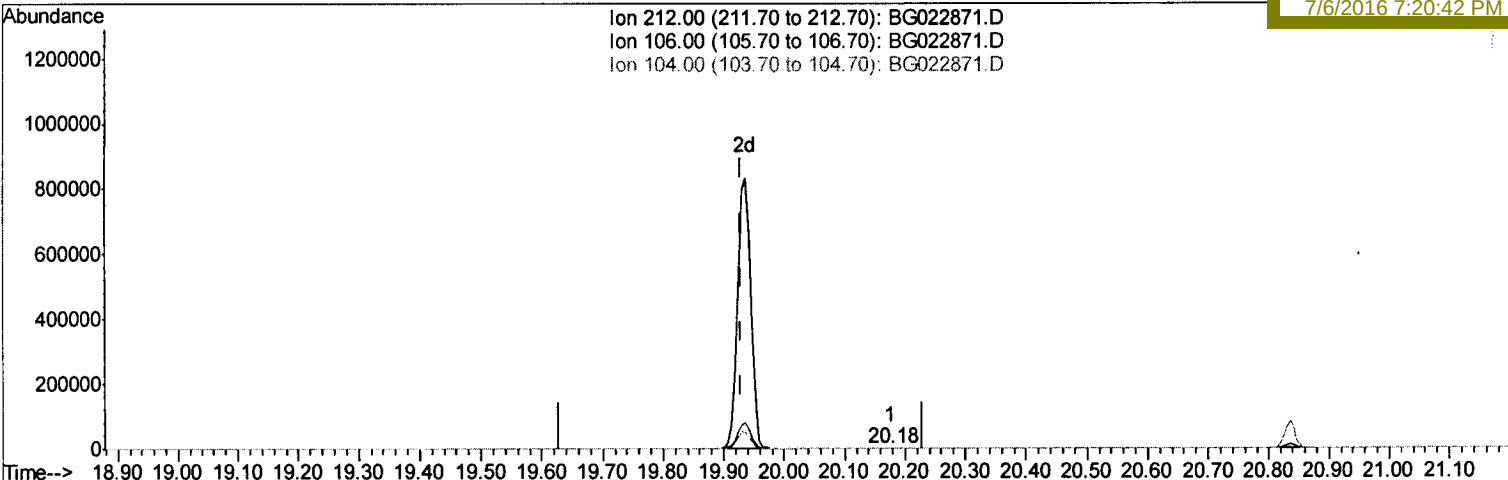
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

7/6/2016 7:20:42 PM



TIC: BG022871.D

(76) Pyrene-d10 (S)

20.177min (+0.248) 0.03ng/ul

response 1602

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	10.77#
104.00	11.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

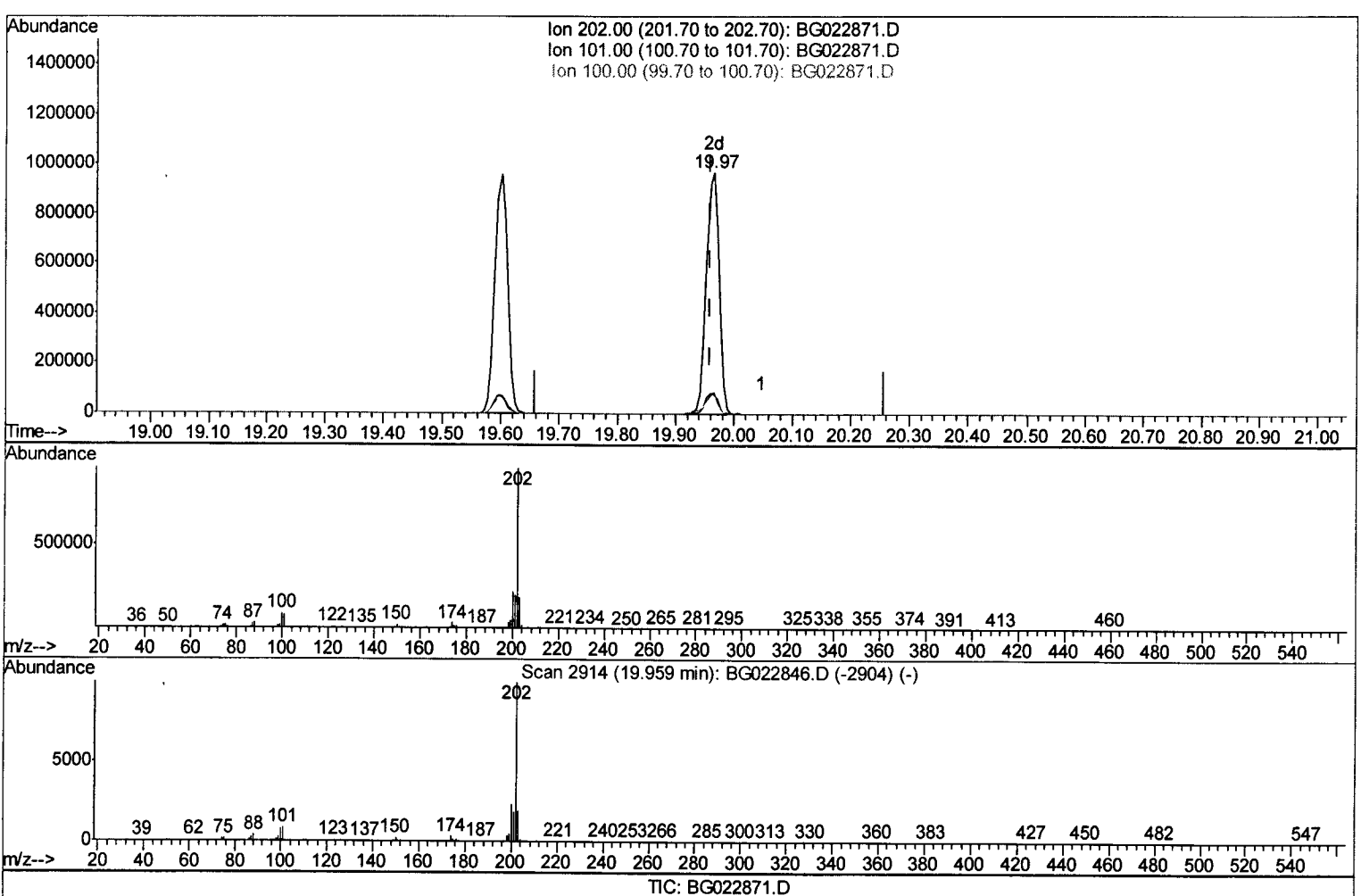
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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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(77) Pyrene

19.965min (+0.007) 21.37ng/ul m U.M
 response 1460794 07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	8.24#
100.00	12.80	8.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

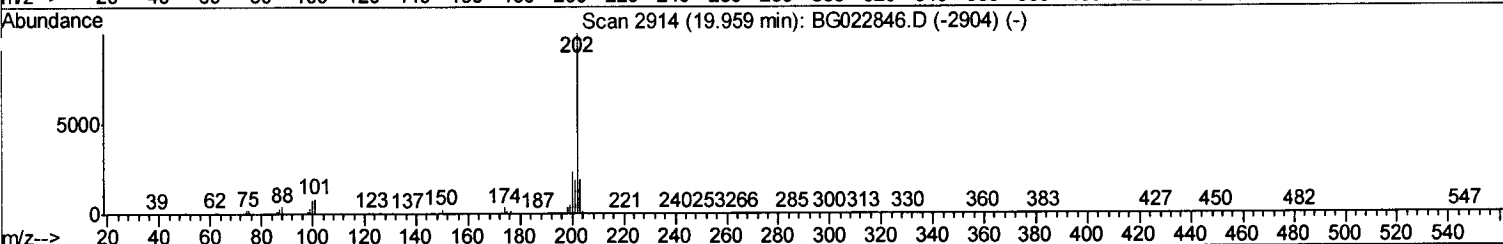
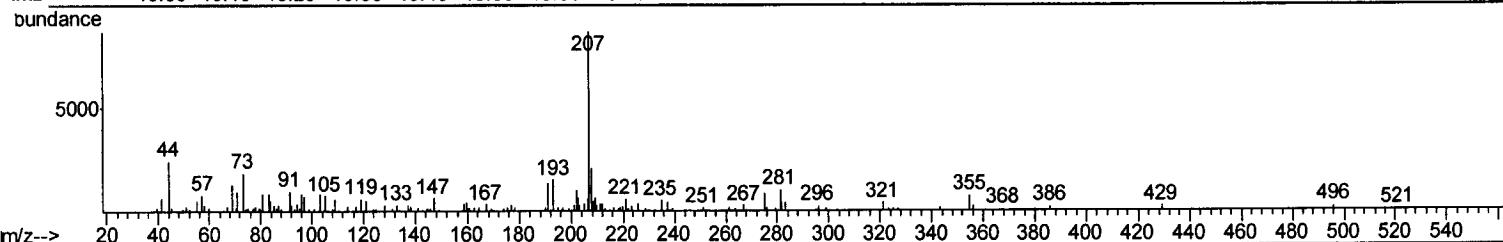
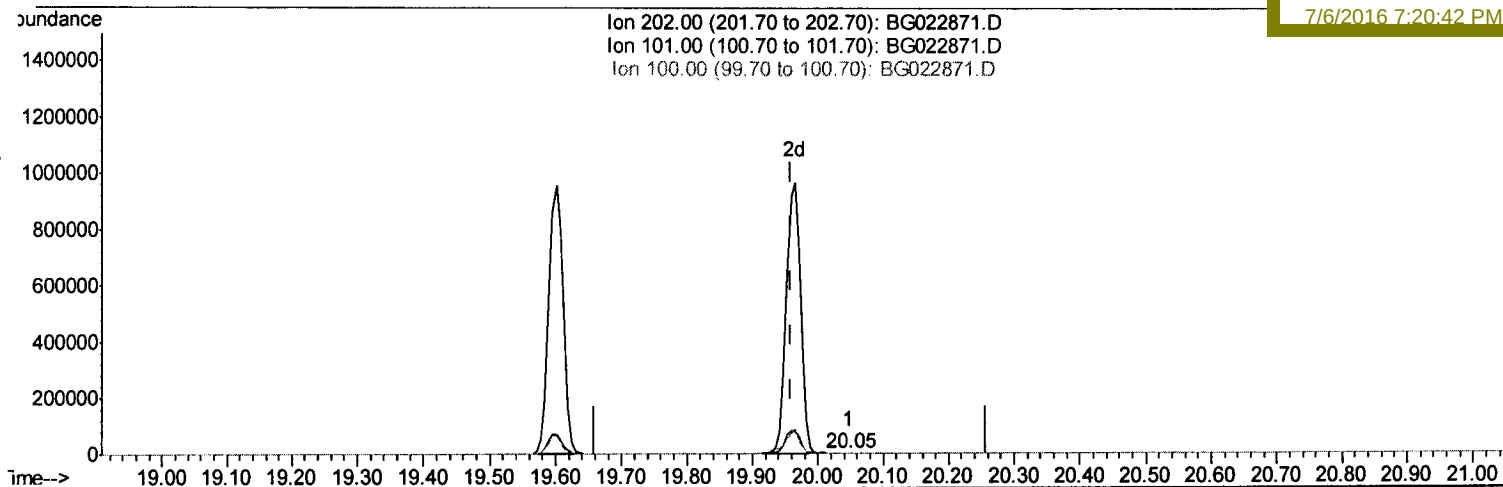
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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: BG022871.D

(77) Pyrene

20.048min (+0.089) 0.02ng/ul

response 1465

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	13.55
100.00	12.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

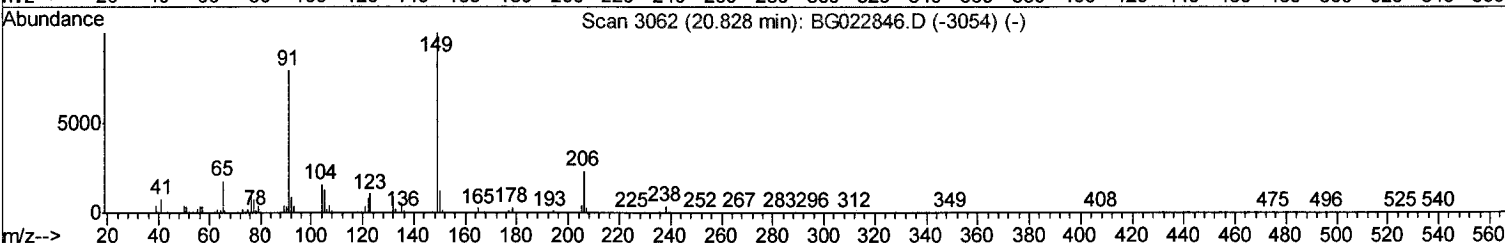
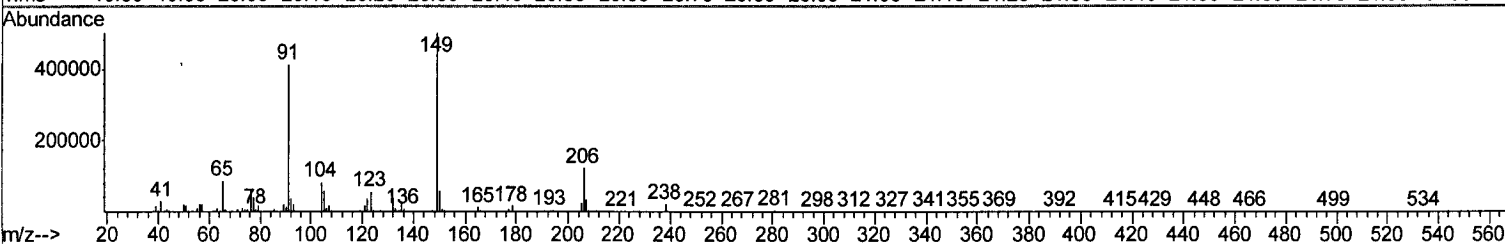
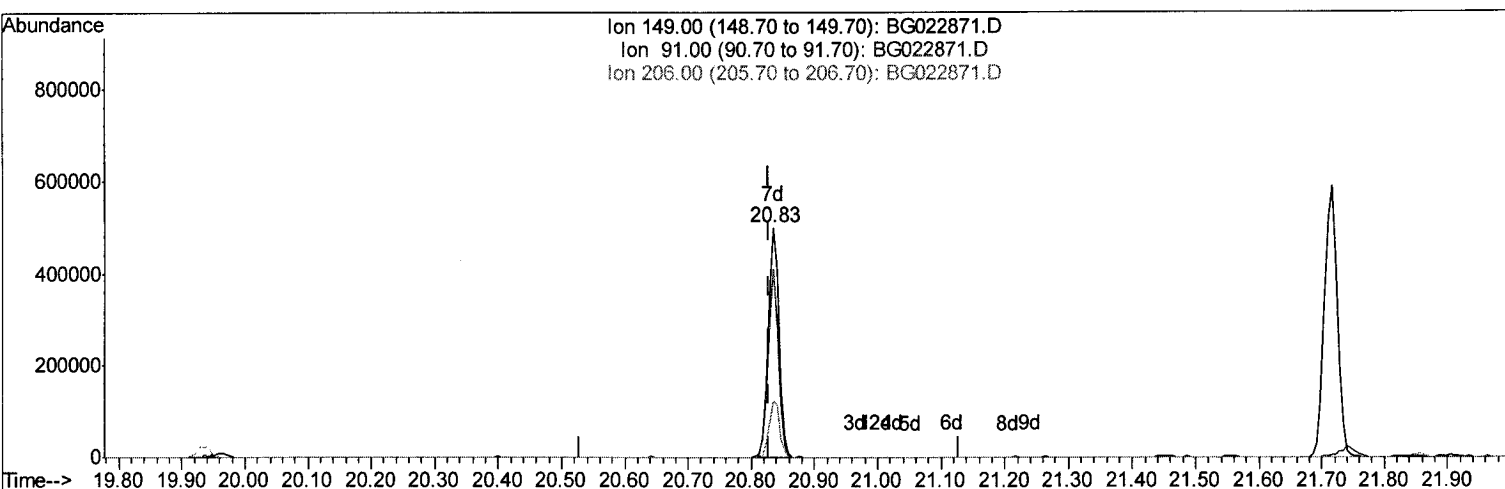
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

umangi

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Quant Time: Jul 06 18:39:23 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



TIC: BG022871.D

(78) Butylbenzylphthalate

20.835min (+0.007) 22.50ng/ul m U.M

response 596337

07/11/16

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	82.31#
206.00	17.60	24.67#
0.00	0.00	0.00

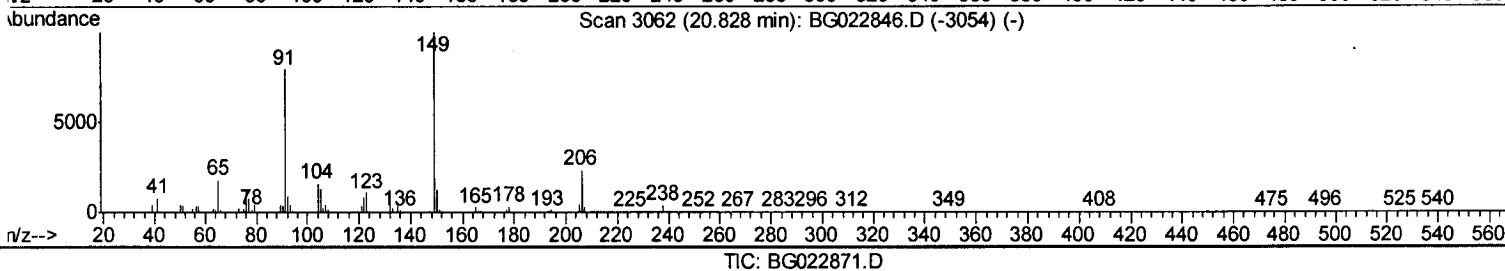
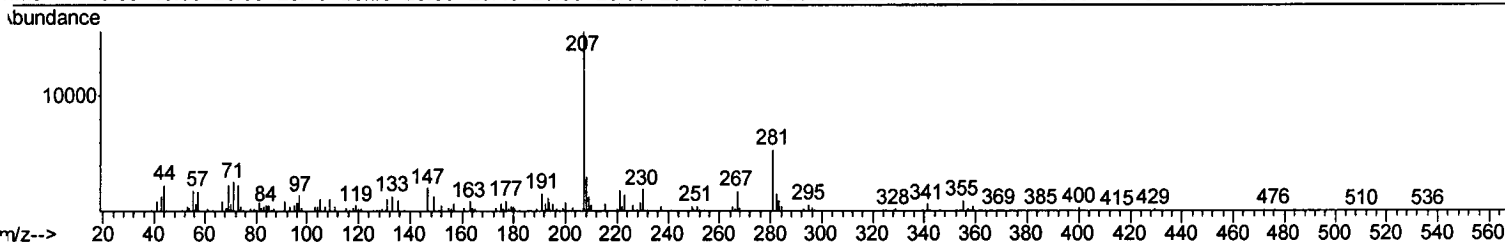
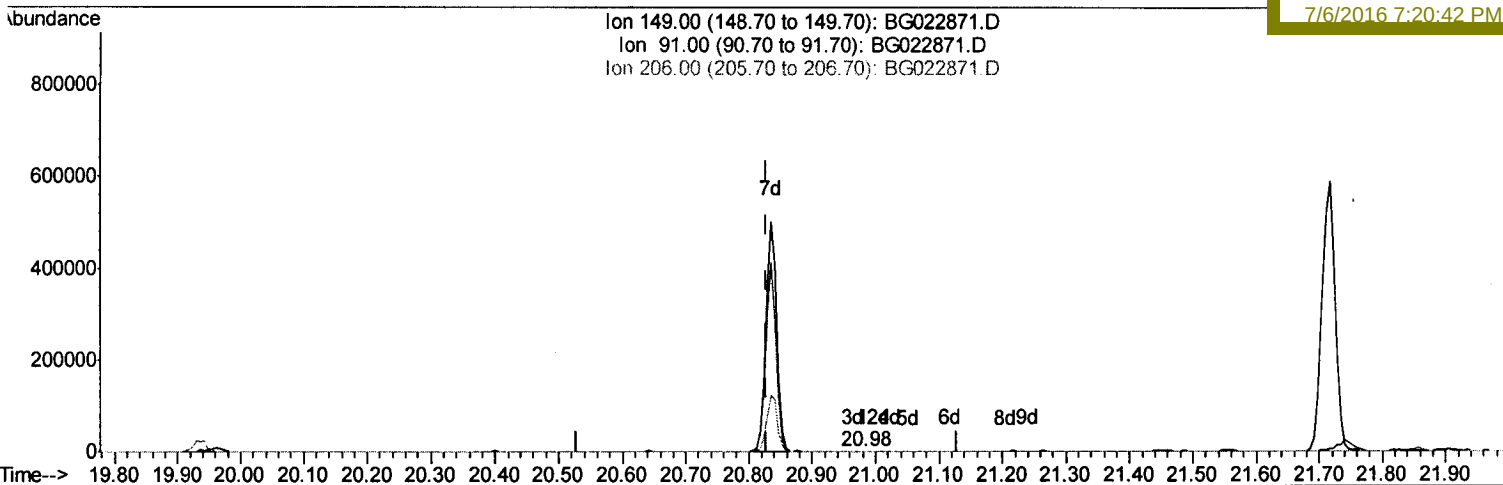
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

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(78) Butylbenzylphthalate

20.982min (+0.154) 0.04ng/ul

response 1046

Ion	Exp%	Act%
149.00	100	100
91.00	67.80	67.81
206.00	17.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

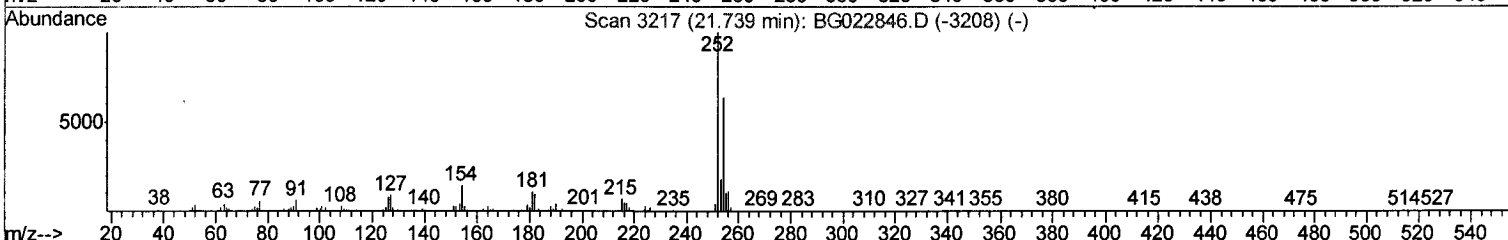
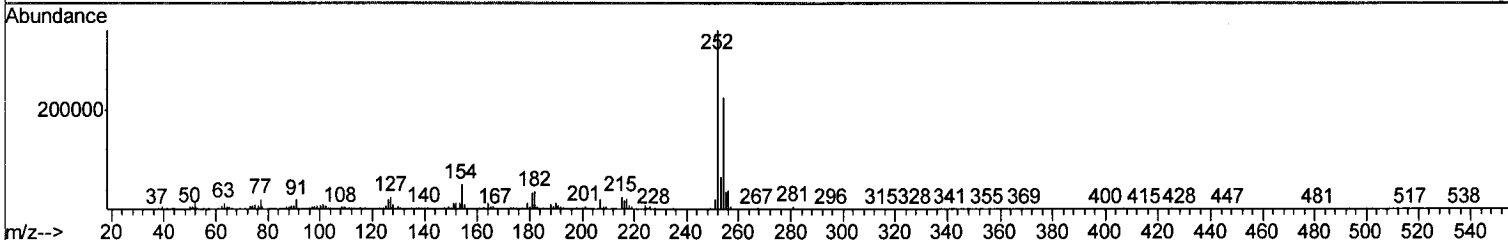
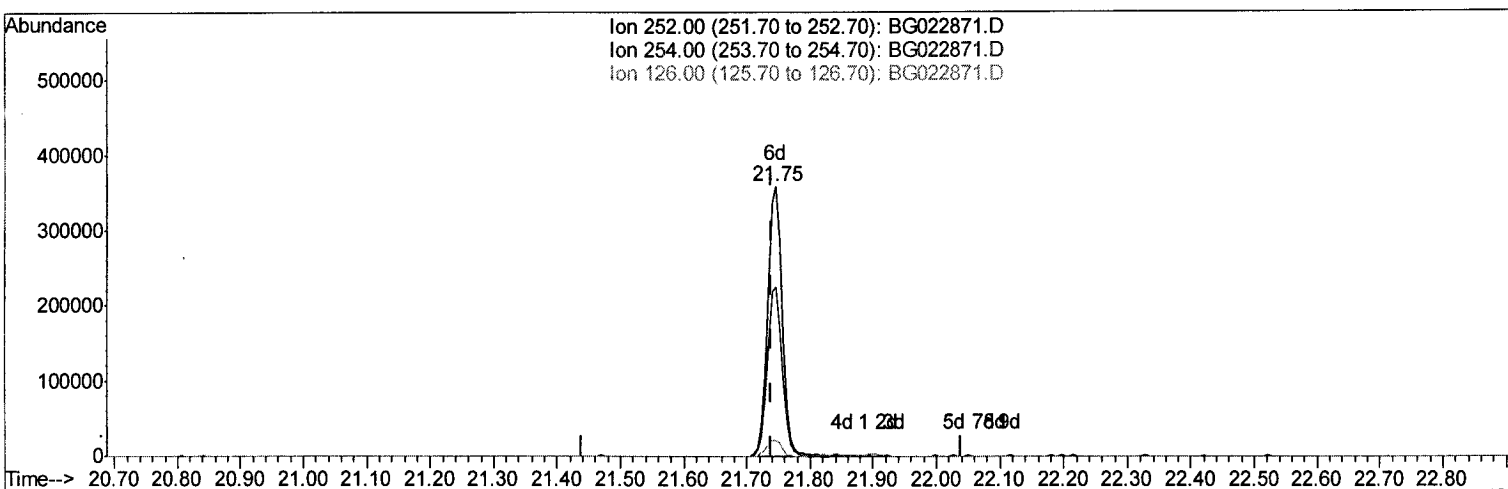
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

7/6/2016 7:20:42 PM



TIC: BG022871.D

(79) 3,3'-Dichlorobenzidine

21.746min (+0.007) 25.04ng/ul m

response 579054

U.M.
 07/11/16

Ion	Exp%	Act%
252.00	100	100
254.00	64.30	62.63
126.00	13.40	5.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

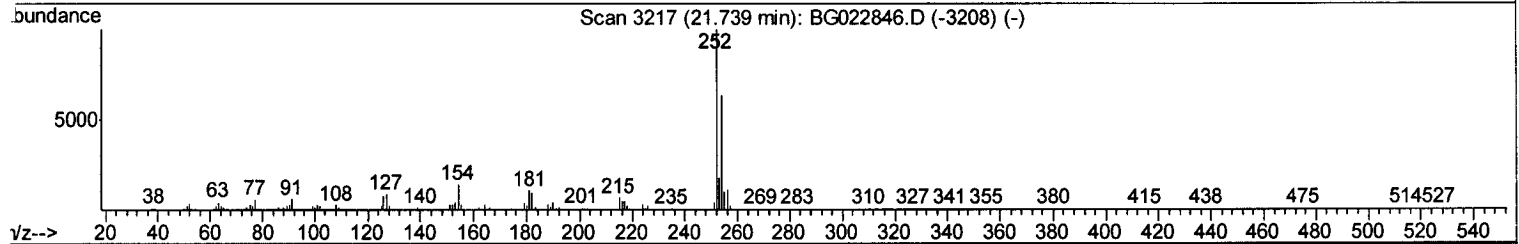
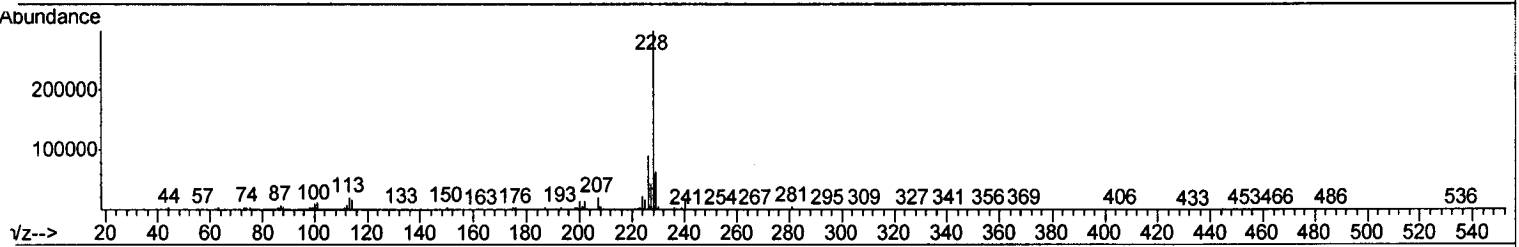
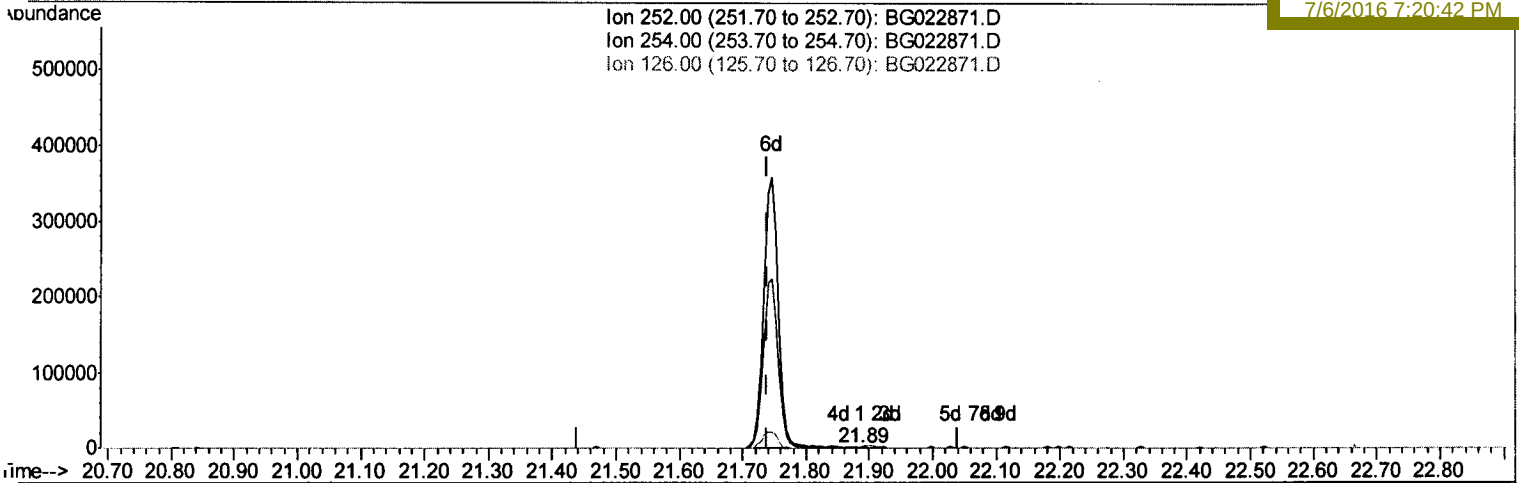
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

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TIC: BG022871.D

(79) 3,3'-Dichlorobenzidine
 21.887min (+0.148) 0.03ng/ul
 response 797

Ion	Exp%	Act%
252.00	100	100
254.00	64.30	48.80#
126.00	13.40	170.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

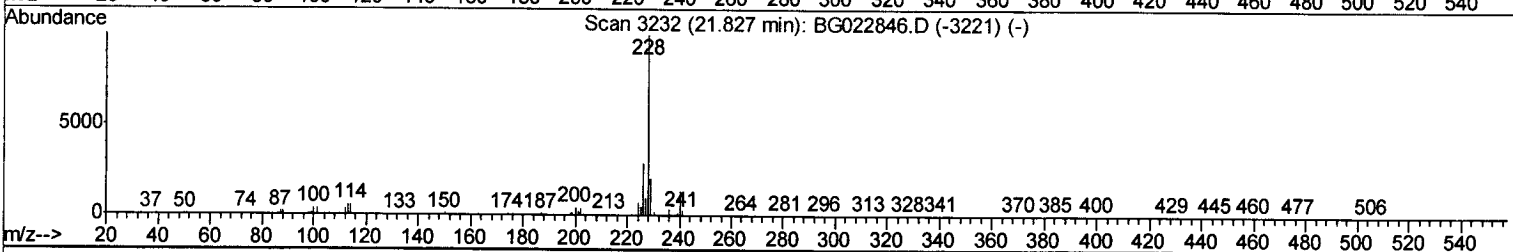
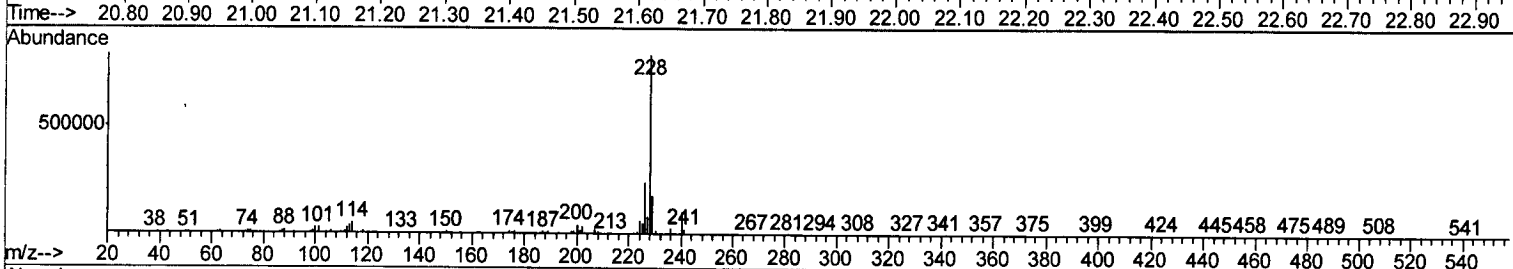
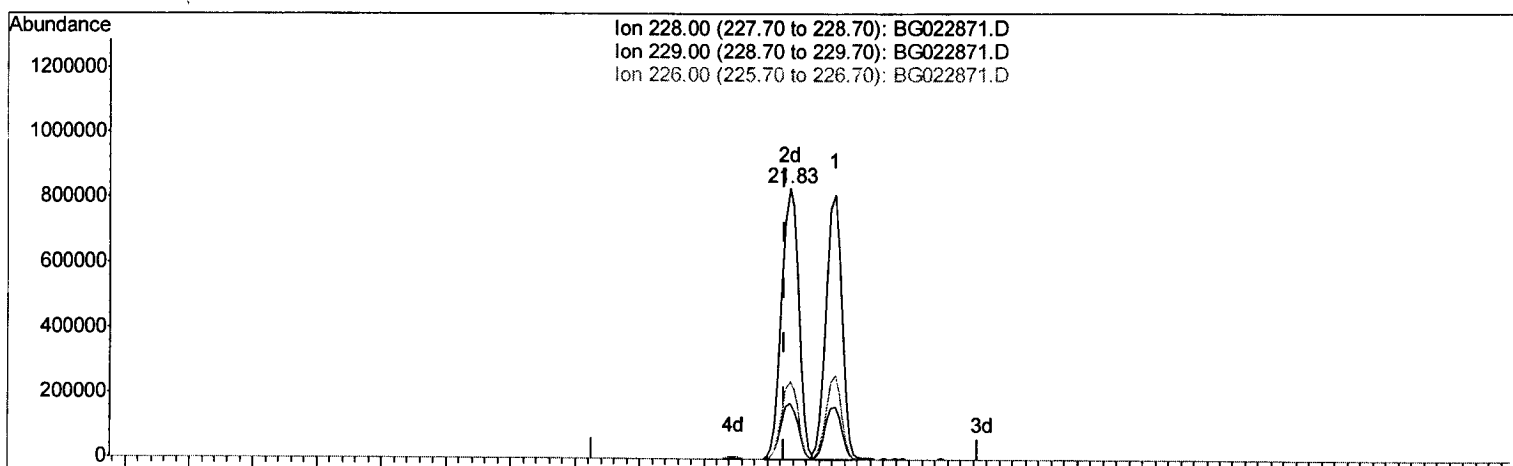
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampled :
 SSTD02024

umangi

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Quant Time: Jul 06 18:39:23 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



TIC: BG022871.D

(80) Benzo(a)anthracene

21.834min (+0.007) 21.13ng/ul m *U.M*

response 1512956

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	21.03
226.00	28.50	28.93
0.00	0.00	0.00

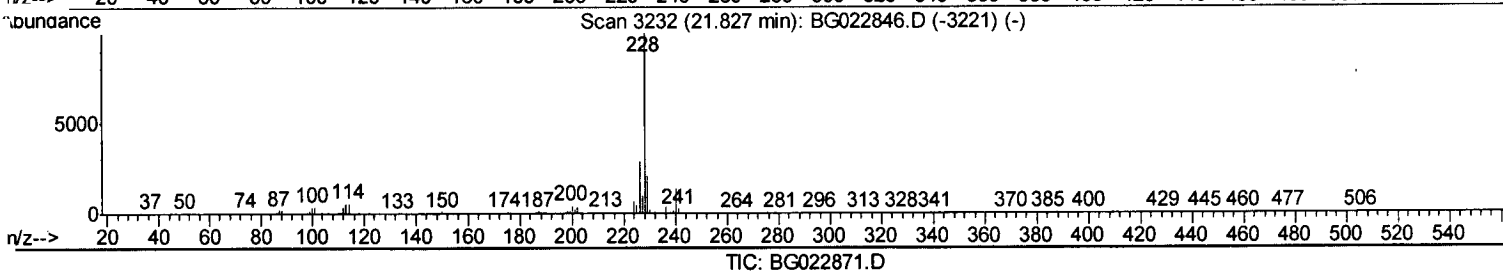
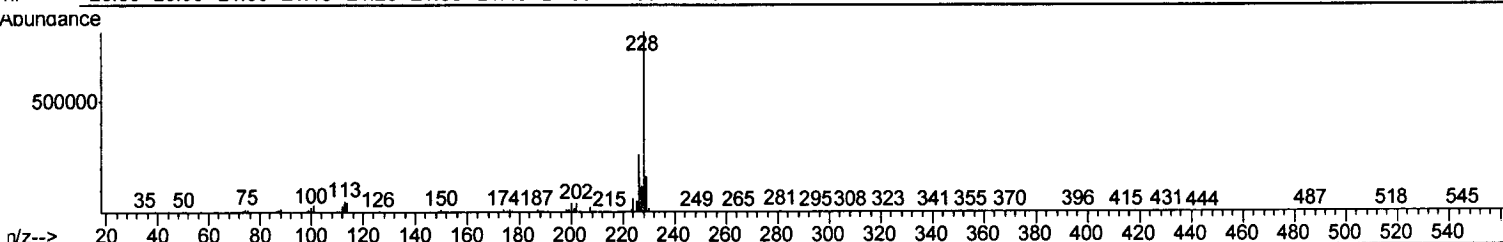
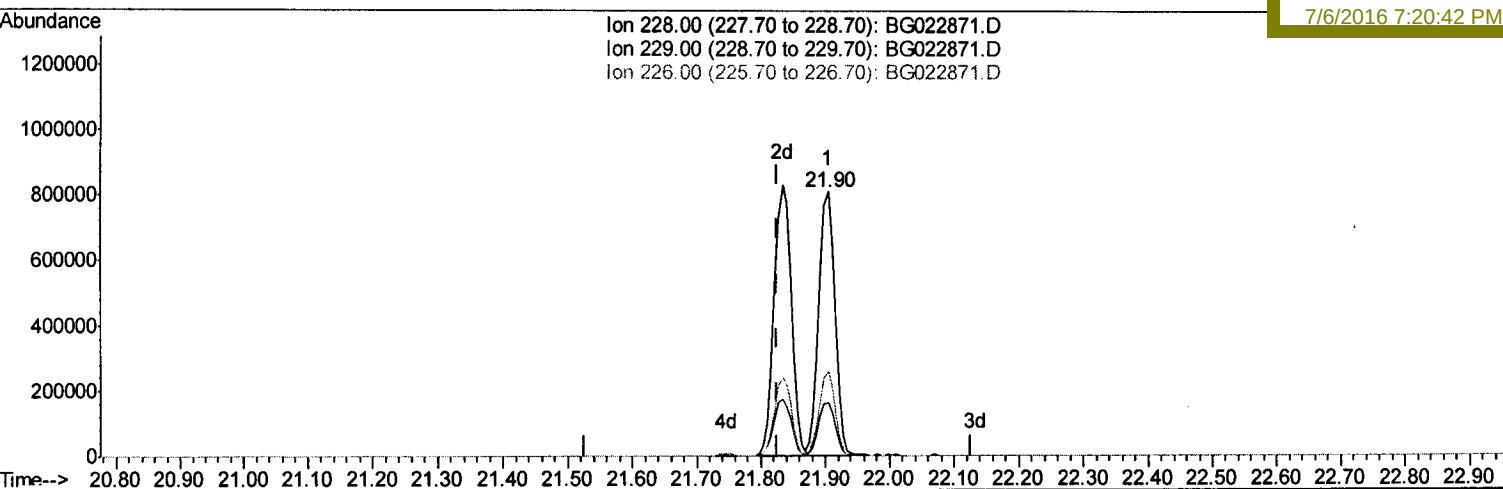
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

7/6/2016 7:20:42 PM



(80) Benzo(a)anthracene

21.904min (+0.077) 19.16ng/ul

response 1372236

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.00
226.00	28.50	31.95
0.00	0.00	0.00

Quantitation Report (Qedit)

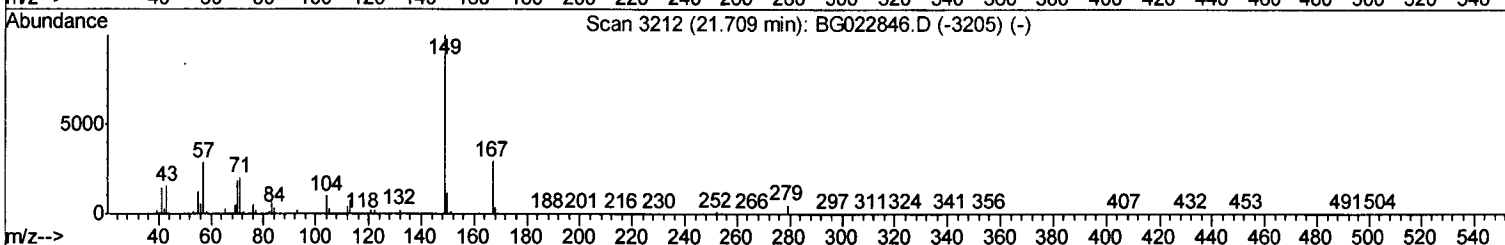
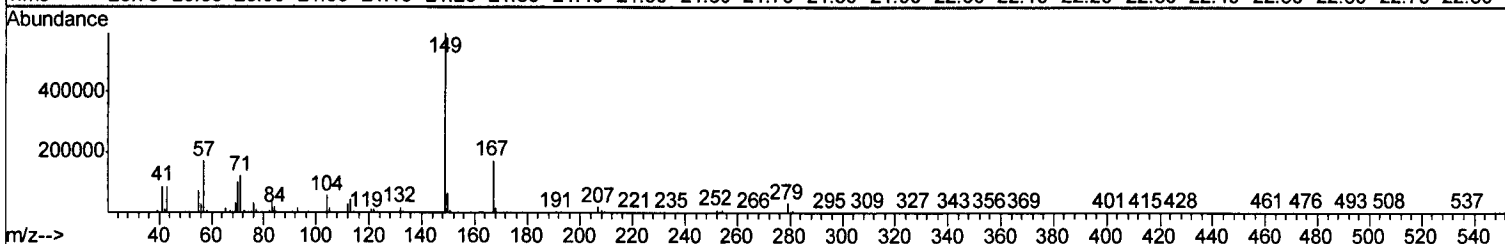
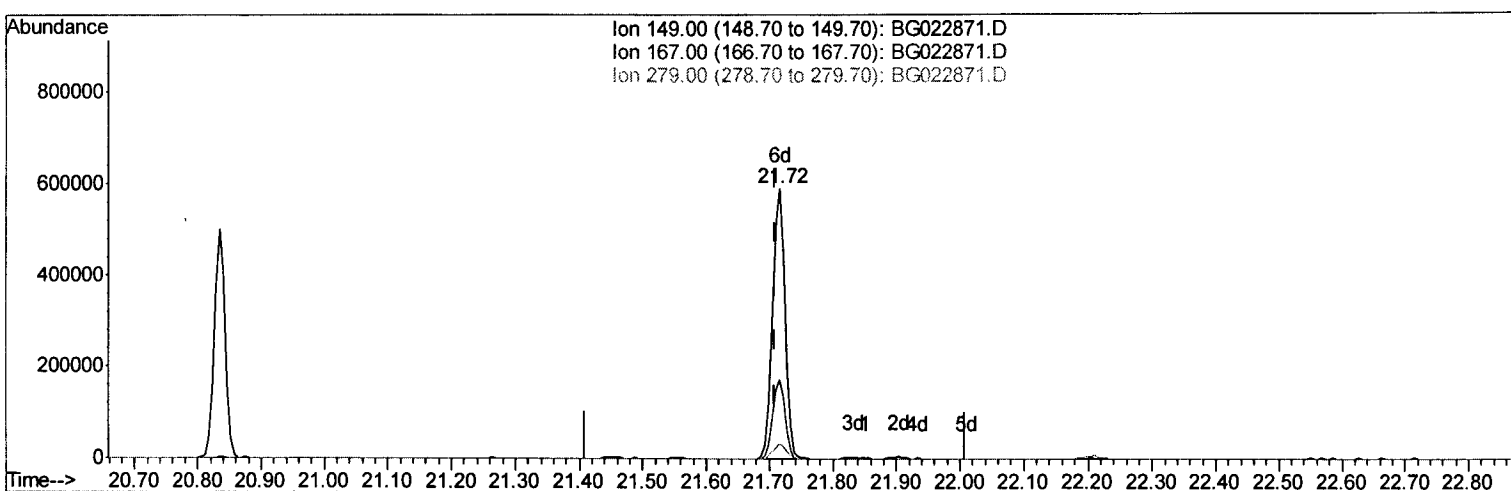
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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

umangi

7/6/2016 7:20:42 PM



TIC: BG022871.D

(81) Bis(2-ethylhexyl)phthalate

21.716min (+0.007) 23.78ng/ul m

response 813558

U.M
 07/11/16

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	28.98
279.00	3.60	5.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

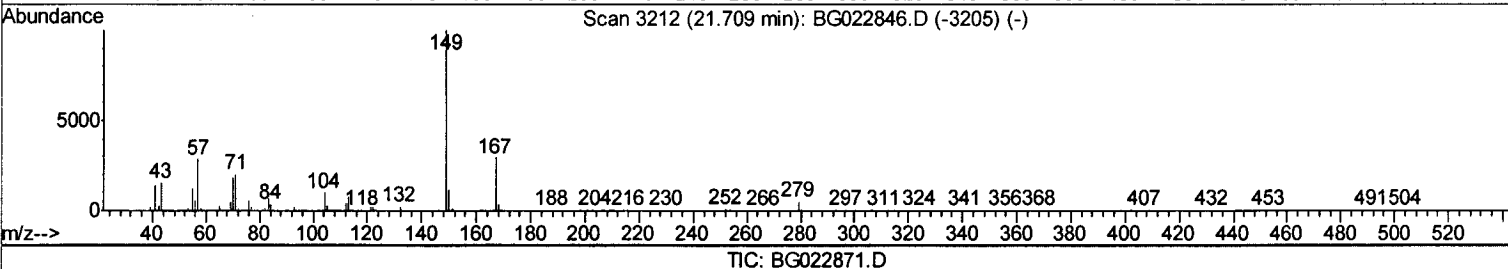
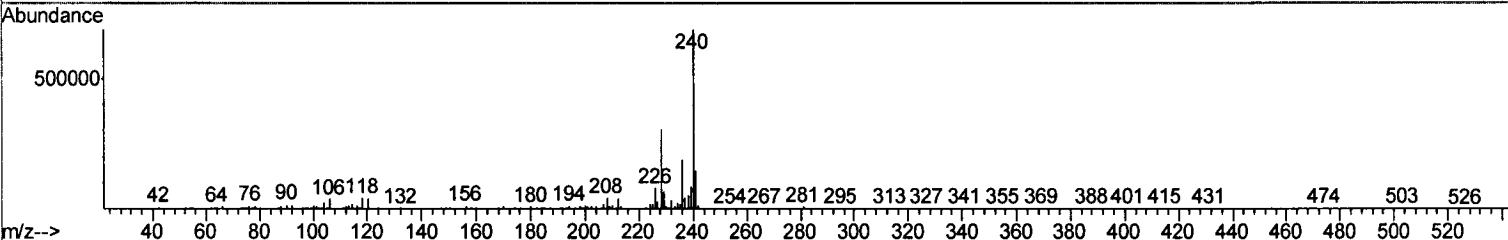
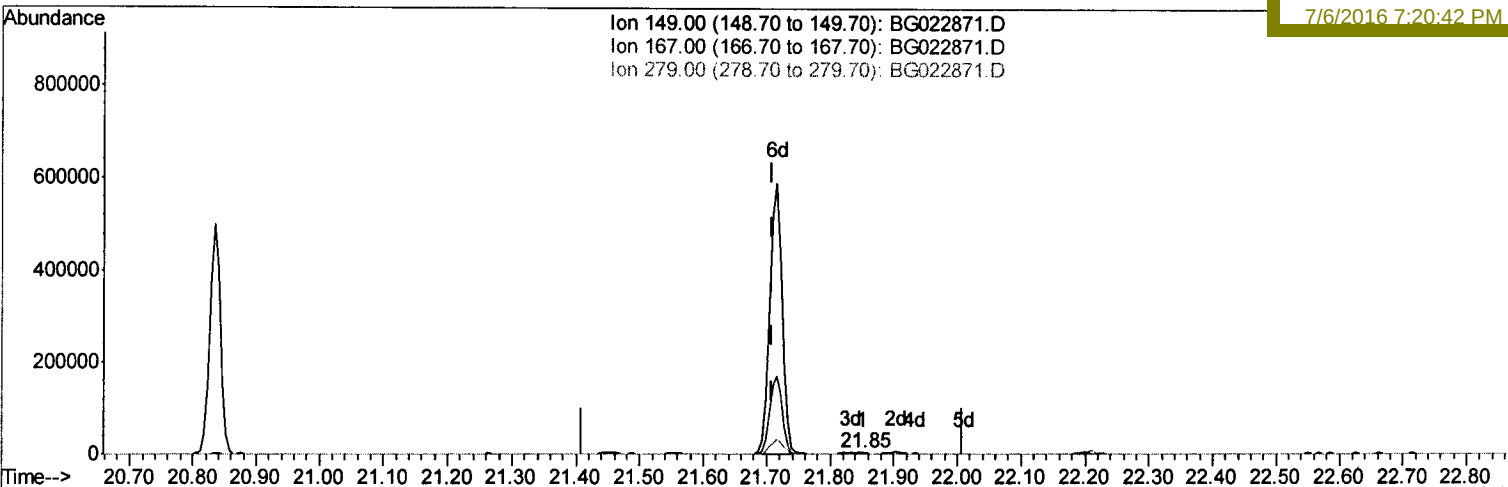
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:39:23 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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7/6/2016 7:20:42 PM



(81) Bis(2-ethylhexyl)phthalate

21.851min (+0.142) 0.04ng/ul

response 1350

Ion	Exp%	Act%
149.00	100	100
167.00	27.40	23.14
279.00	3.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

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Quant Time: Jul 06 18:41:13 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	378061	20.71	ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	185989	16.87	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	248606	19.74	ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	252542	19.06	ng/ul	100
40) 1,1'-Biphenyl	13.63	154	733578	19.75	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	605222	20.13	ng/ul	98
42) 2-Nitroaniline	13.88	65	238568	20.51	ng/ul#	68
44) Dimethylphthalate	14.24	163	802658	19.81	ng/ul	100
45) 2,6-Dinitrotoluene	14.37	165	170491	19.44	ng/ul#	83
47) Acenaphthylene	14.52	152	932554	20.37	ng/ul	99
48) 3-Nitroaniline	14.70	138	153631	22.42	ng/ul#	51
49) Acenaphthene	14.87	153	624812	20.09	ng/ul	92
50) 2,4-Dinitrophenol	14.91	184	91548	18.78	ng/ul#	81
52) 4-Nitrophenol	15.01	109	152986	19.31	ng/ul#	56
53) Dibenzofuran	15.20	168	976594	20.32	ng/ul#	87
54) 2,4-Dinitrotoluene	15.16	165	257218	20.28	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.42	232	266735	19.78	ng/ul	91
56) Diethylphthalate	15.61	149	822863	19.99	ng/ul	93
58) Fluorene	15.85	166	770007	19.94	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.84	204	453049	19.59	ng/ul	97
60) 4-Nitroaniline	15.87	138	167805	20.38	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.92	198	154274m	19.63	ng/ul	} U.M 07/11/16
64) N-Nitrosodiphenylamine	16.05	169	702518	20.69	ng/ul	
65) 4-Bromophenyl-phenylether	16.73	248	316015	20.49	ng/ul	
66) Hexachlorobenzene	16.86	284	333144	20.40	ng/ul	
67) Atrazine	17.00	200	297637	21.02	ng/ul	96
68) Pentachlorophenol	17.20	266	191905	20.45	ng/ul	93
69) Phenanthrene	17.60	178	1219994m	20.69	ng/ul	} U.M 07/11/16
71) Anthracene	17.69	178	1249710	20.62	ng/ul	
72) Carbazole	17.96	167	1016768	22.67	ng/ul	
73) Di-n-butylphthalate	18.50	149	1253148	21.77	ng/ul#	
74) Fluoranthene	19.60	202	1427343m	23.23	ng/ul	} U.M 07/11/16
77) Pyrene	19.97	202	1460794m	21.37	ng/ul	
78) Butylbenzylphthalate	20.83	149	596337m	22.50	ng/ul	
79) 3,3'-Dichlorobenzidine	21.75	252	579054m	25.04	ng/ul	
80) Benzo(a)anthracene	21.83	228	1512956m	21.13	ng/ul	} U.M 07/11/16
81) Bis(2-ethylhexyl)phthalate	21.72	149	813558m	23.78	ng/ul	
82) Chrysene	21.90	228	1371596	21.04	ng/ul	
84) Di-n-octyl phthalate	22.98	149	1353548	24.46	ng/ul	
85) Benzo(b)fluoranthene	24.15	252	1553762	19.80	ng/ul#	100
86) Benzo(k)fluoranthene	24.22	252	1512944	20.53	ng/ul#	92
88) Benzo(a)pyrene	25.07	252	1482457	19.89	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.08	276	1678985	21.30	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.16	278	1386455	21.28	ng/ul#	80
91) Benzo(g,h,i)perylene	30.29	276	1360309	22.01	ng/ul#	86

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

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
 Data File : BG022871.D
 Acq On : 6 Jul 2016 10:22
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02024

Quant Time: Jul 06 18:41:13 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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7/6/2016 7:20:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	611972	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	488358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1152955m	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1221040m	20.00	ng/ul	0.01
83) Perylene-d12	25.23	264	1255654	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	22408	8.95	ng/uL	0.00
5) Phenol-d5	7.31	99	282546	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	163834	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	176545	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	217751	19.04	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	100789	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	116733	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	247355	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	272279	26.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	797971	20.11	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	924717	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	126756	20.35	ng/ul	0.00
57) Fluorene-d10	15.79	176	761653	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	148512m	20.03	ng/ul	0.00
70) Anthracene-d10	17.66	188	1104685m	20.61	ng/ul	0.00
76) Pyrene-d10	19.94	212	1259834m	21.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1185700	19.88	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.57	88	26621	9.07 ng/uL	91
4) Benzaldehyde	7.29	77	200083	21.37 ng/ul	84
6) Phenol	7.34	94	288898	19.16 ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.57	93	207367	20.11 ng/ul	96
10) 2-Chlorophenol	7.72	128	185204	18.51 ng/ul#	82
11) 2-Methylphenol	8.60	108	214456	18.93 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.69	45	237414	20.48 ng/ul	95
14) Acetophenone	8.98	105	371424	20.11 ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.96	70	208116	18.75 ng/ul#	88
16) 4-Methylphenol	8.93	108	234923	18.65 ng/ul	100
17) Hexachloroethane	9.25	117	89994	21.13 ng/ul#	68
20) Nitrobenzene	9.37	77	312195	20.80 ng/ul#	78
21) Isophorone	9.89	82	560978	20.96 ng/ul#	90
23) 2-Nitrophenol	10.09	139	122677	19.64 ng/ul#	46
24) 2,4-Dimethylphenol	10.14	107	292225	19.54 ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.38	93	312913	19.81 ng/ul#	96
27) 2,4-Dichlorophenol	10.63	162	238881	19.31 ng/ul	96
28) Naphthalene	11.03	128	635400	20.30 ng/ul	98
30) 4-Chloroaniline	11.14	127	271198	25.48 ng/ul	99
31) Hexachlorobutadiene	11.32	225	196717	20.64 ng/ul	93
32) Caprolactam	11.90	113	90281	21.87 ng/ul#	56
33) 4-Chloro-3-methylphenol	12.26	107	304465	19.46 ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	540510	20.88 ng/ul	99