

Quantitation Report (QT Reviewed)

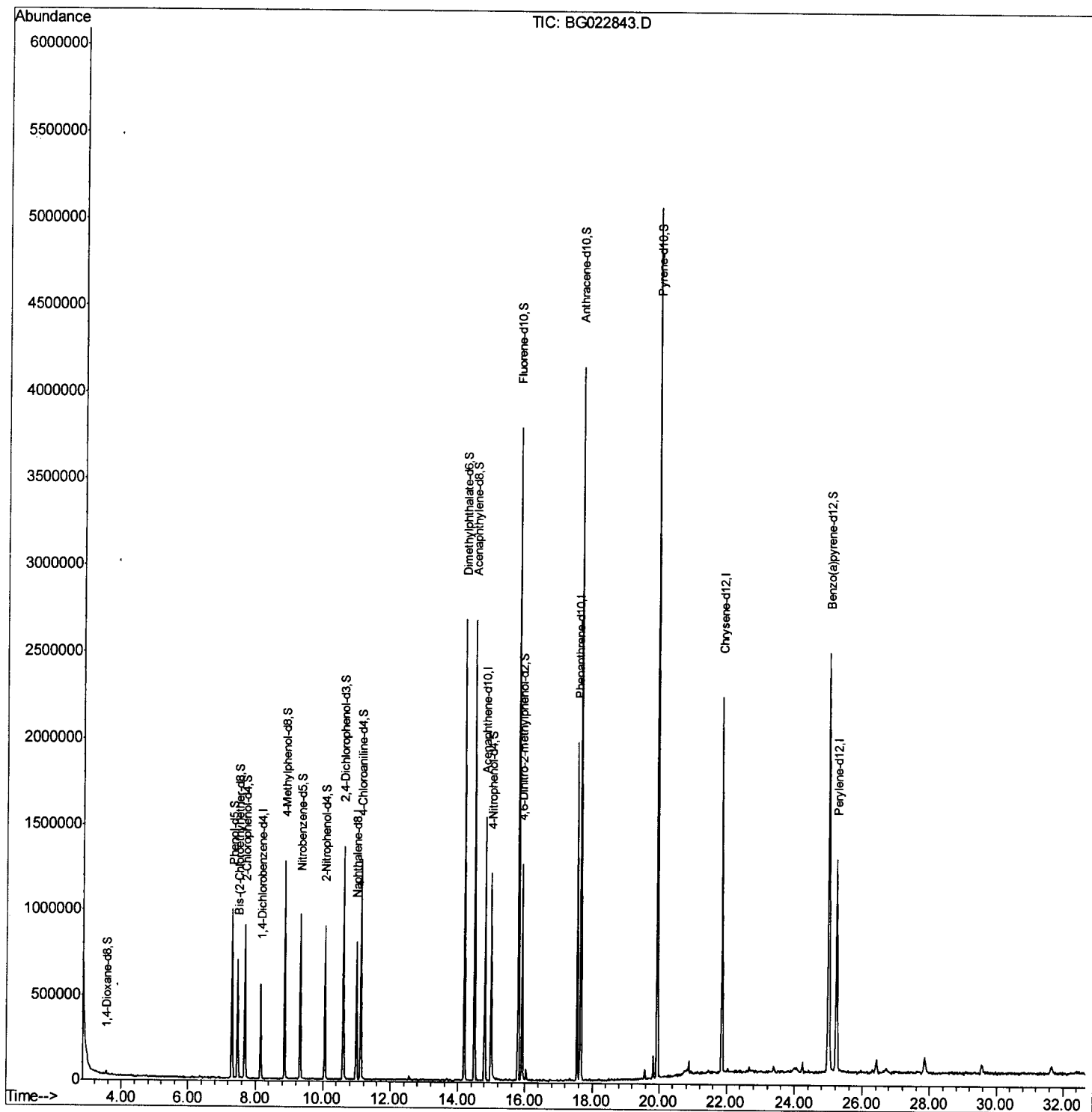
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

Quant Time: Jul 04 04:42:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

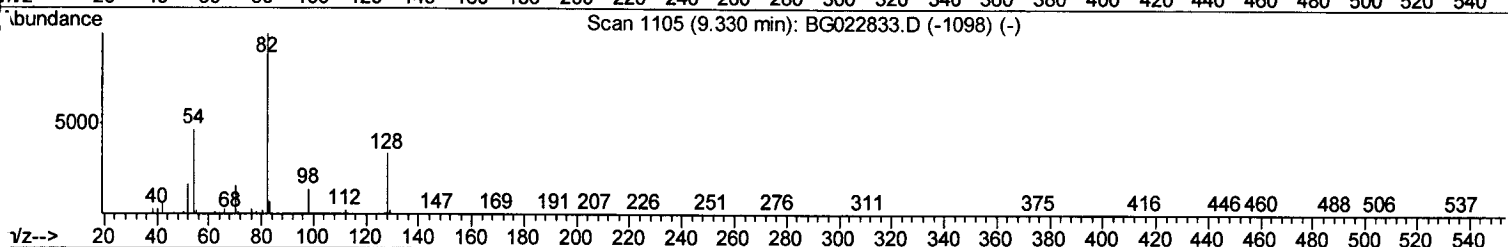
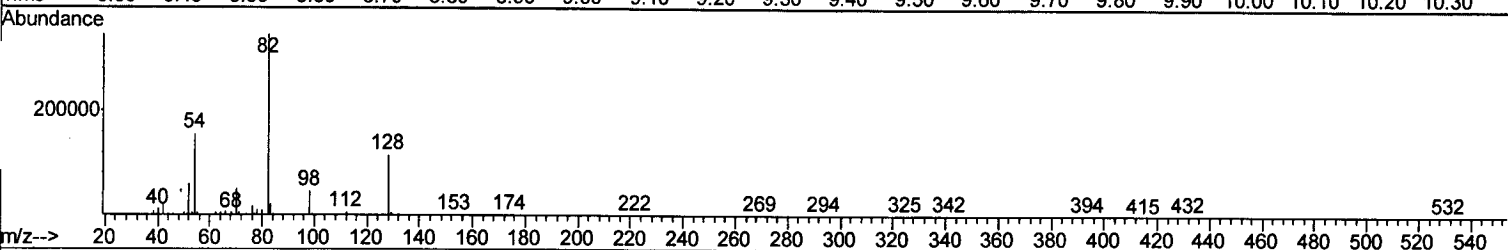
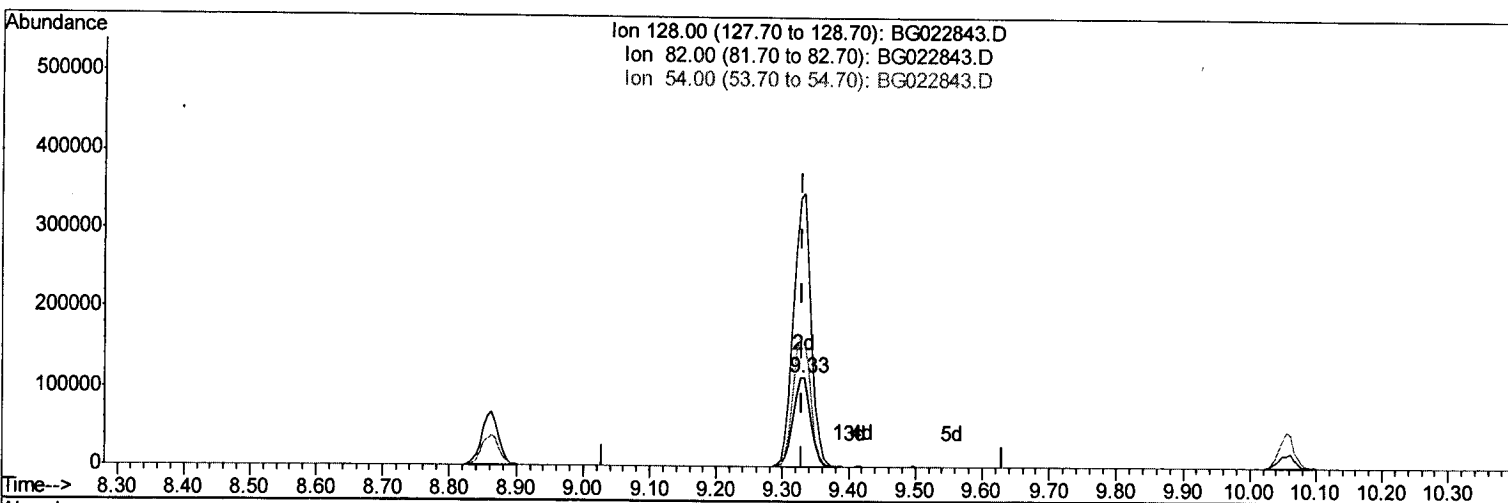
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
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Instrument :
 BNA_G
 Client Sample ID :
 SBLK26

Manual Integration

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Quant Time: Jul 04 04:20:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration



TIC: BG022843.D

(19) Nitrobenzene-d5 (S)

9.332min (+0.003) 41.32ng/ul m U.M
07/09/16

response 210668

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	303.76#
54.00	78.50	135.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

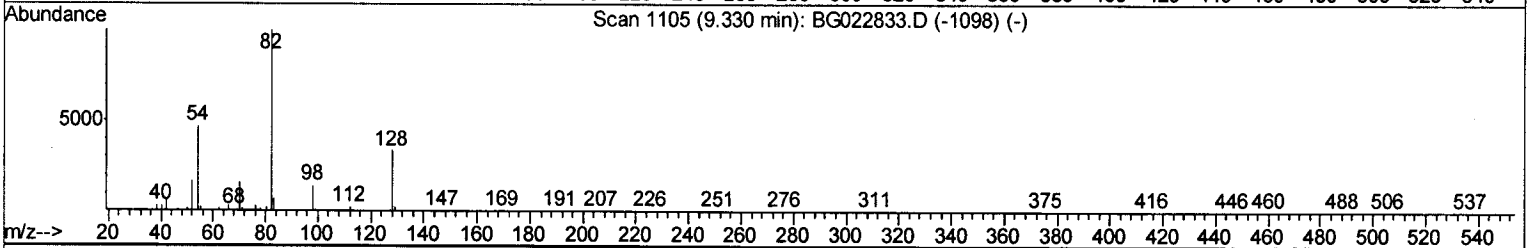
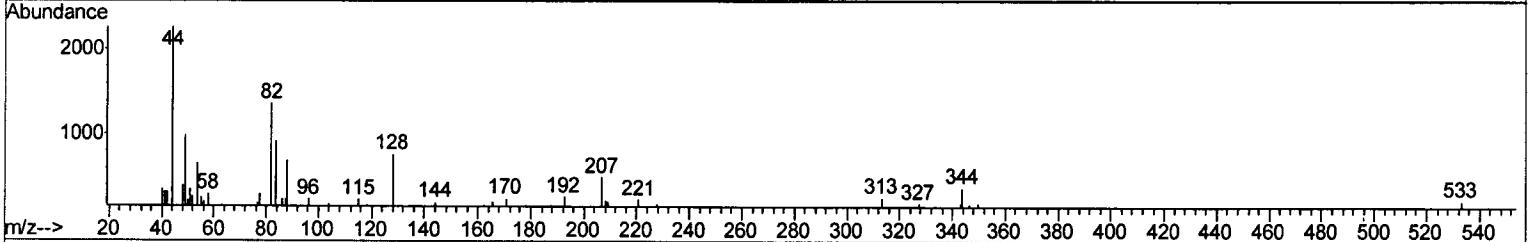
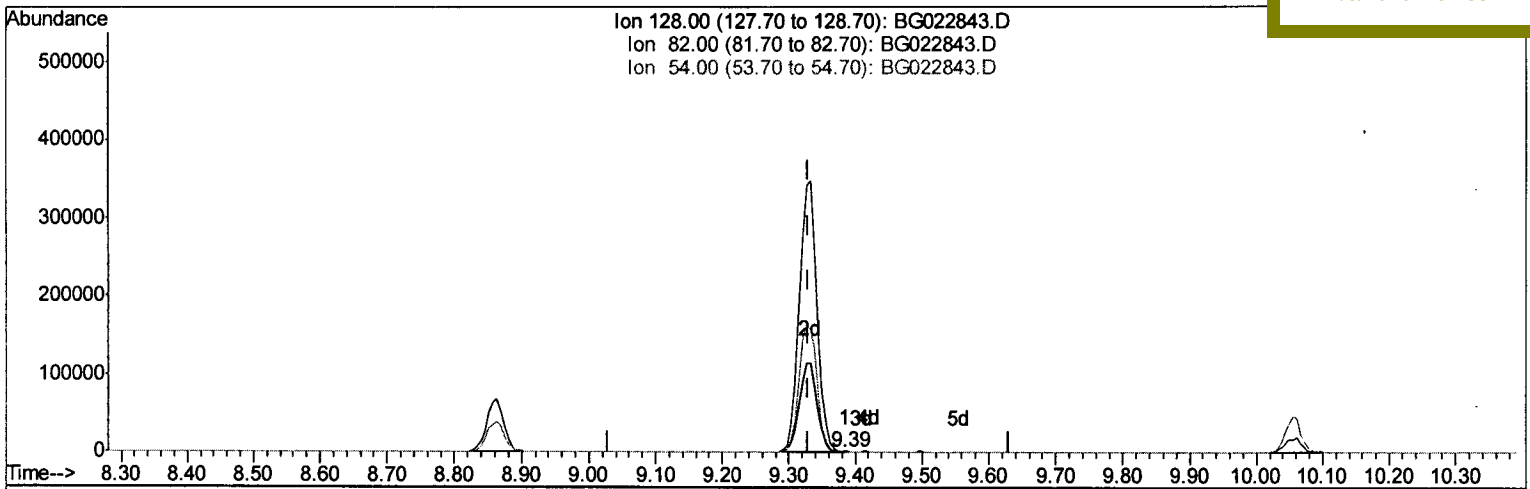
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
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 Misc :
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Quant Time: Jul 04 04:20:28 2016
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Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

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TIC: BG022843.D

(19) Nitrobenzene-d5 (S)

9.385min (+0.055) 0.05ng/ul

response 270

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	177.71
54.00	78.50	86.83
0.00	0.00	0.00

Quantitation Report (Qedit)

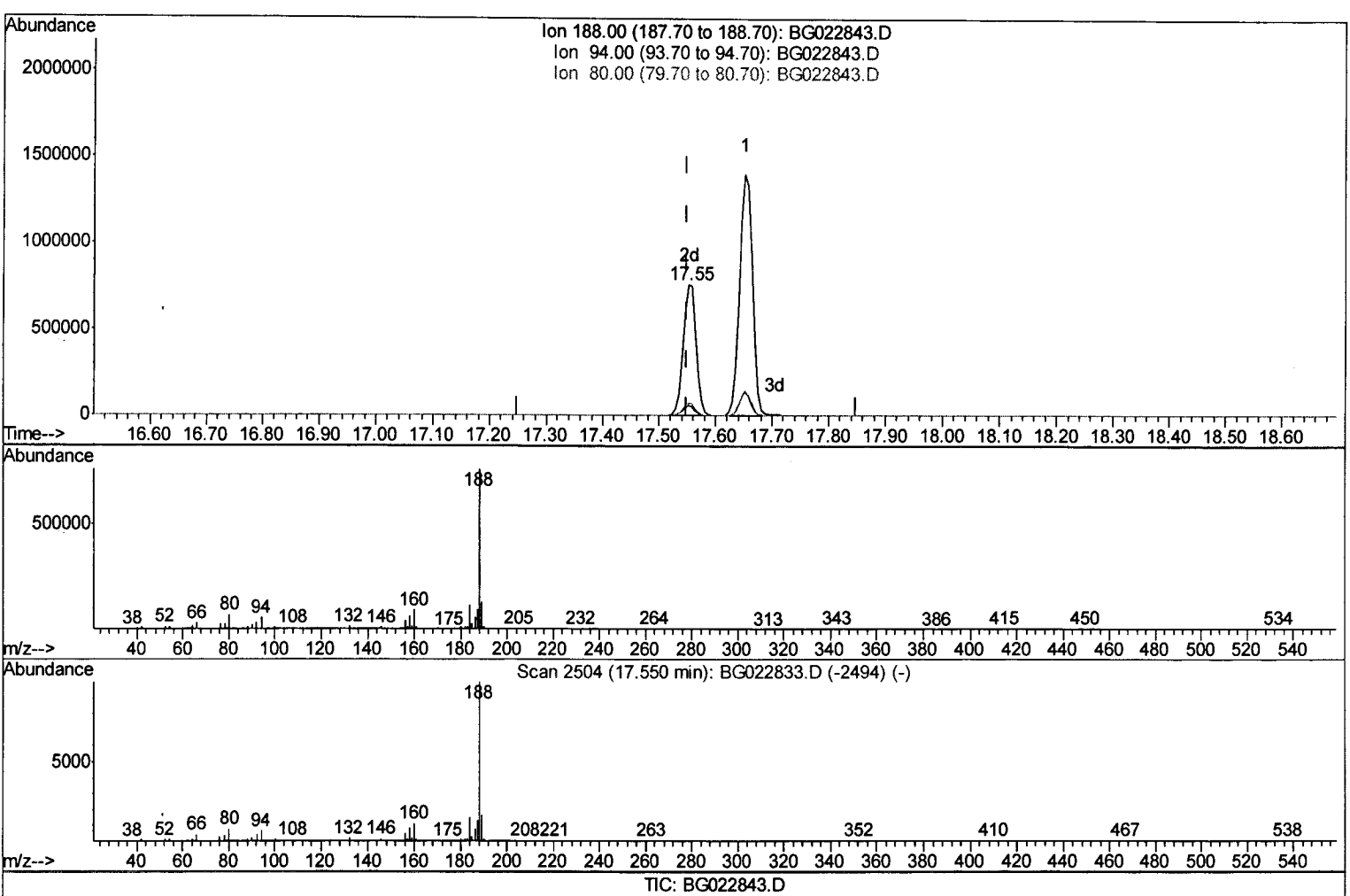
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SBLK26

Manual Integration

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Quant Time: Jul 04 04:20:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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(61) Phenanthrene-d10 (I)

17.552min (+0.003) 20.00ng/ul m

response 1218003

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	7.44#
80.00	10.90	9.07
0.00	0.00	0.00

U.M
 07/09/16

Quantitation Report (Qedit)

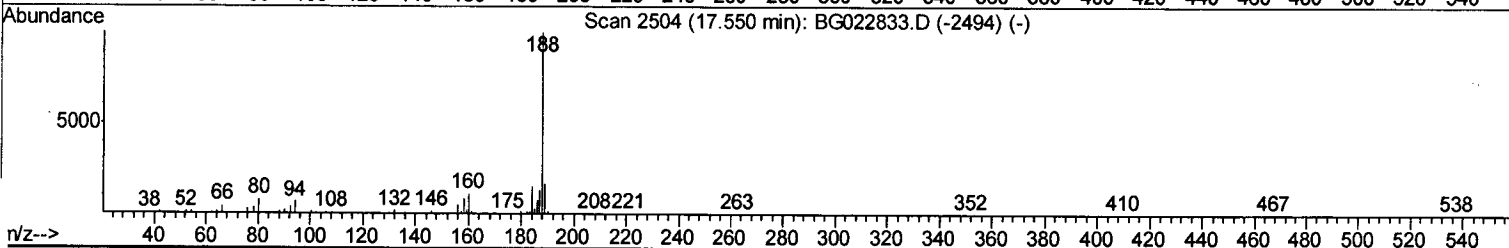
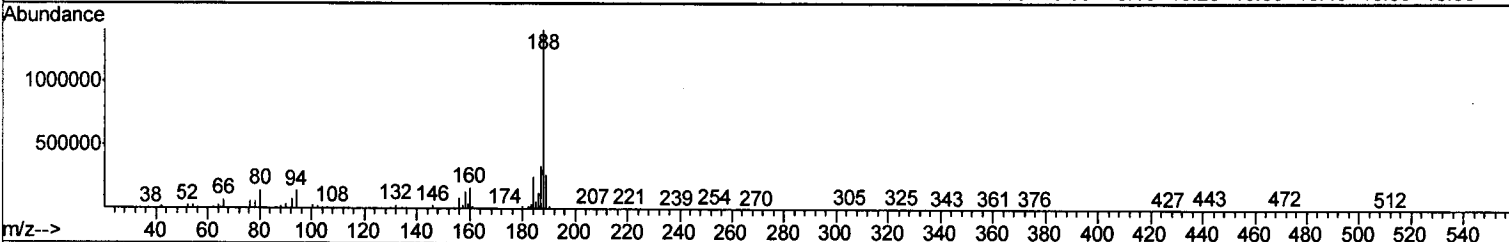
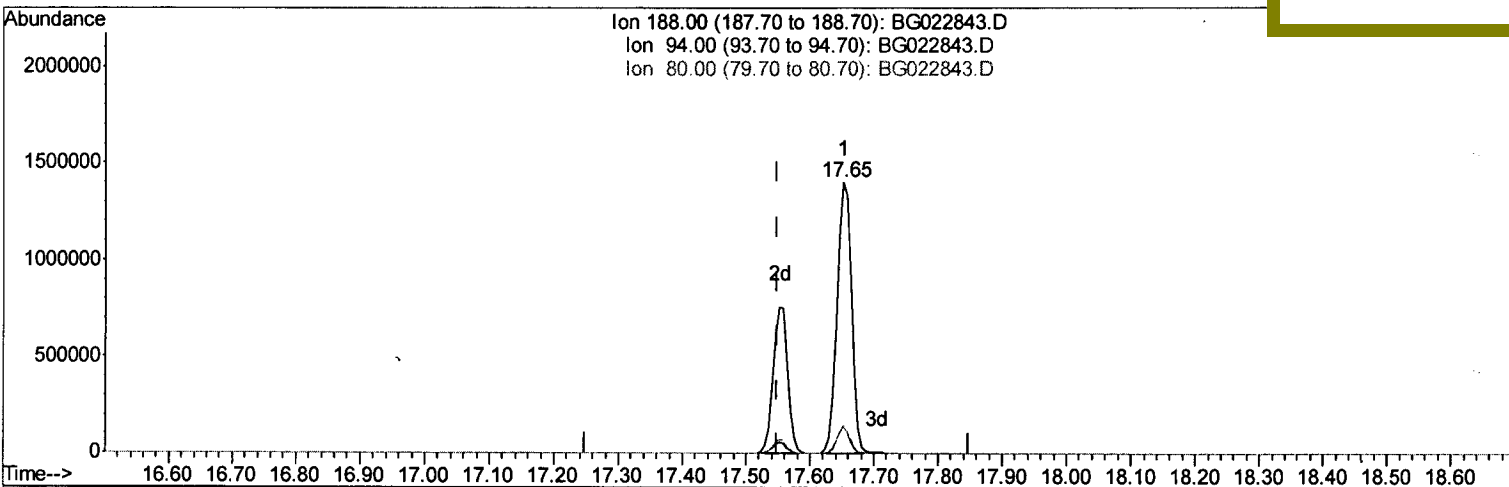
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
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 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
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Instrument :
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Manual Integration

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TIC: BG022843.D

(61) Phenanthrene-d10 (I)

17.652min (+0.102) 20.00ng/ul

response 2265024

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	9.98
80.00	10.90	10.47
0.00	0.00	0.00

Quantitation Report (Qedit)

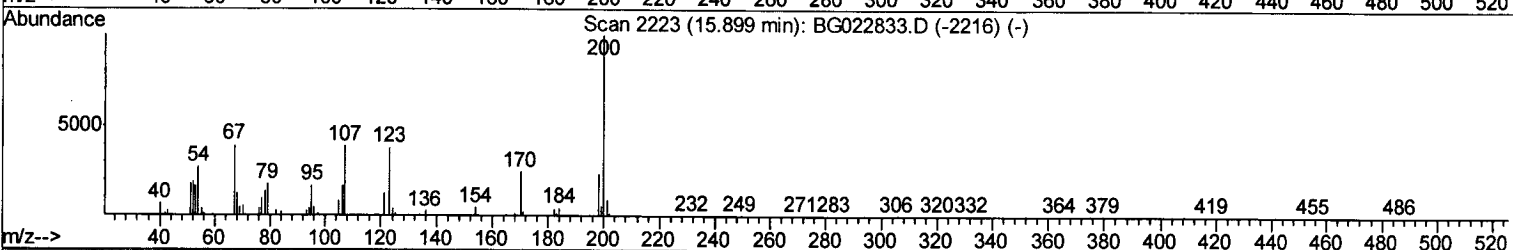
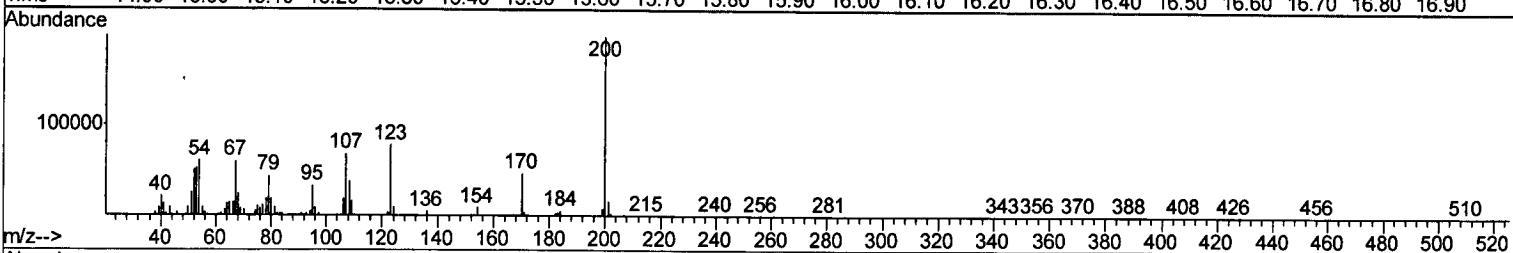
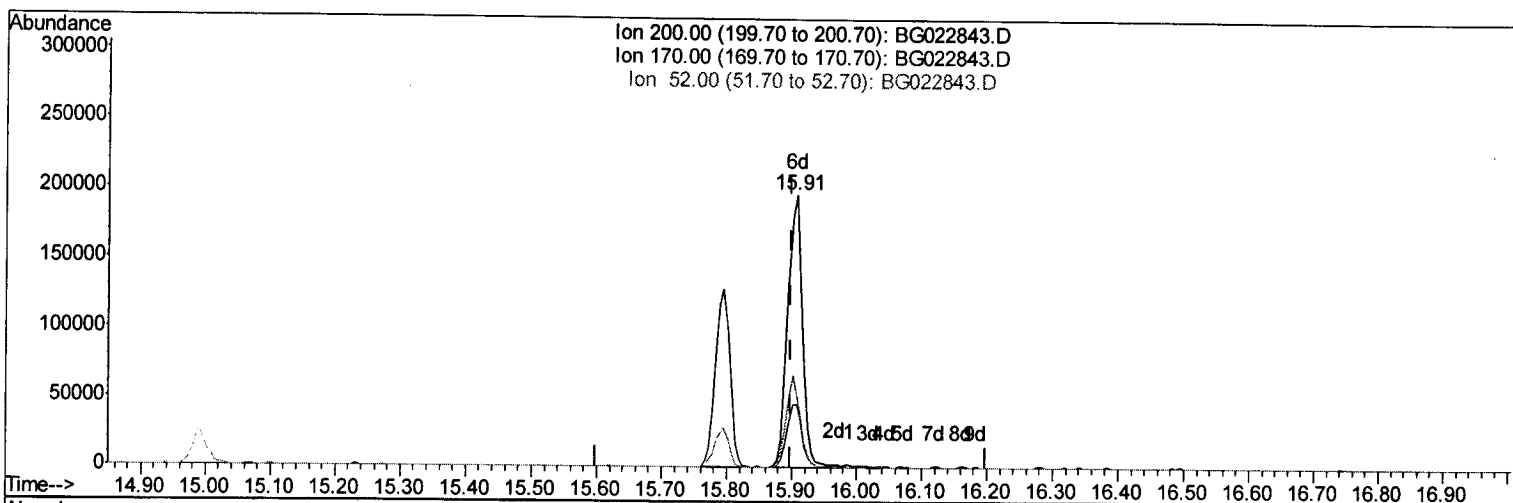
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integration

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TIC: BG022843.D

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

15.907min (+0.008) 39.18ng/ul m U.M

response 306888

Ion Exp% Act%

200.00 100 100

170.00 15.20 23.35#

52.00 32.20 26.42

0.00 0.00 0.00

Quantitation Report (Qedit)

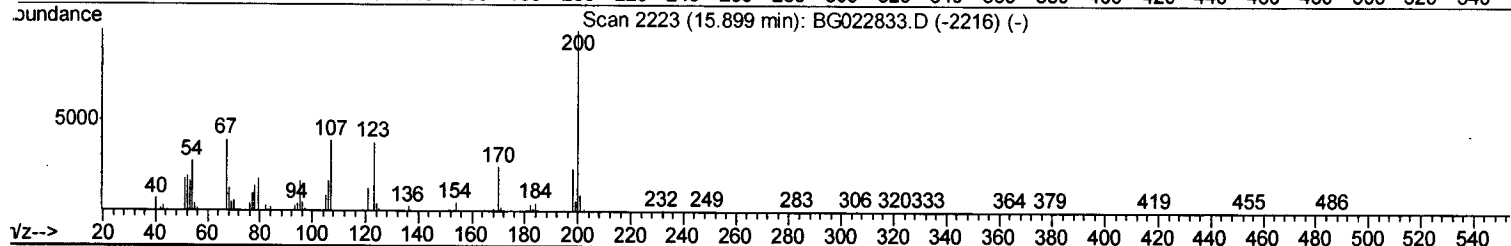
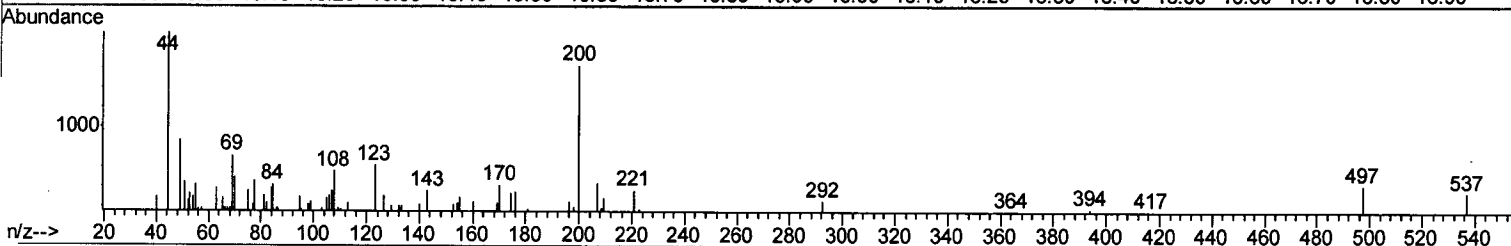
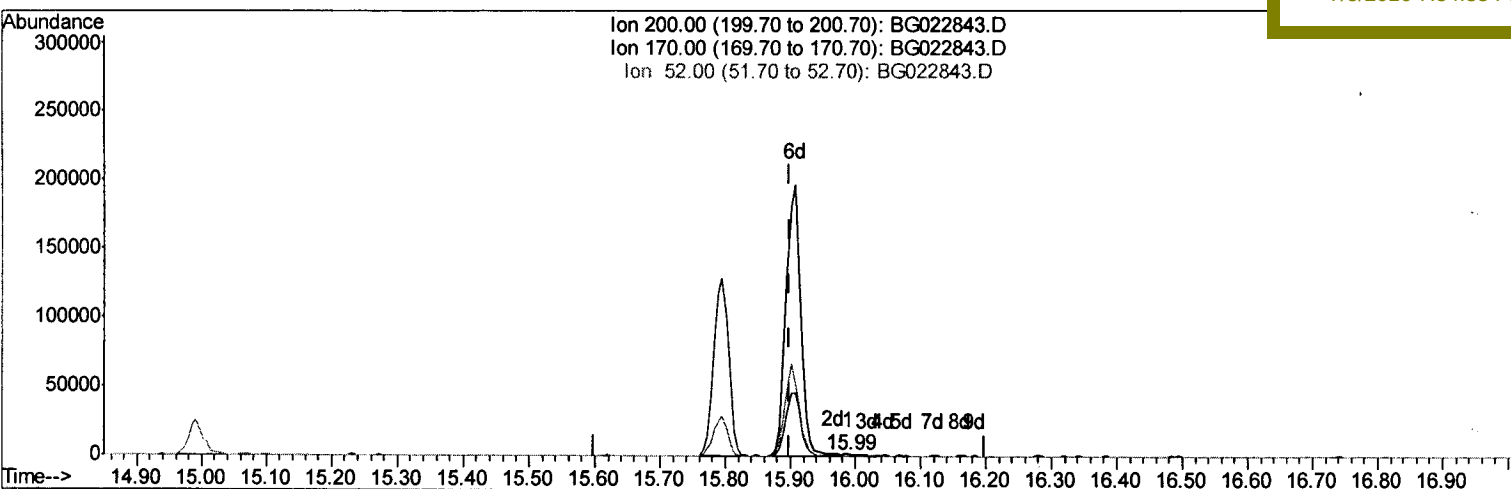
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Quant Time: Jul 04 04:20:28 2016
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 Quant Title : SVOA CALIBRATION
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Manual Integration

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TIC: BG022843.D

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

15.989min (+0.091) 0.27ng/ul

response 2133

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	25.43#
52.00	32.20	16.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

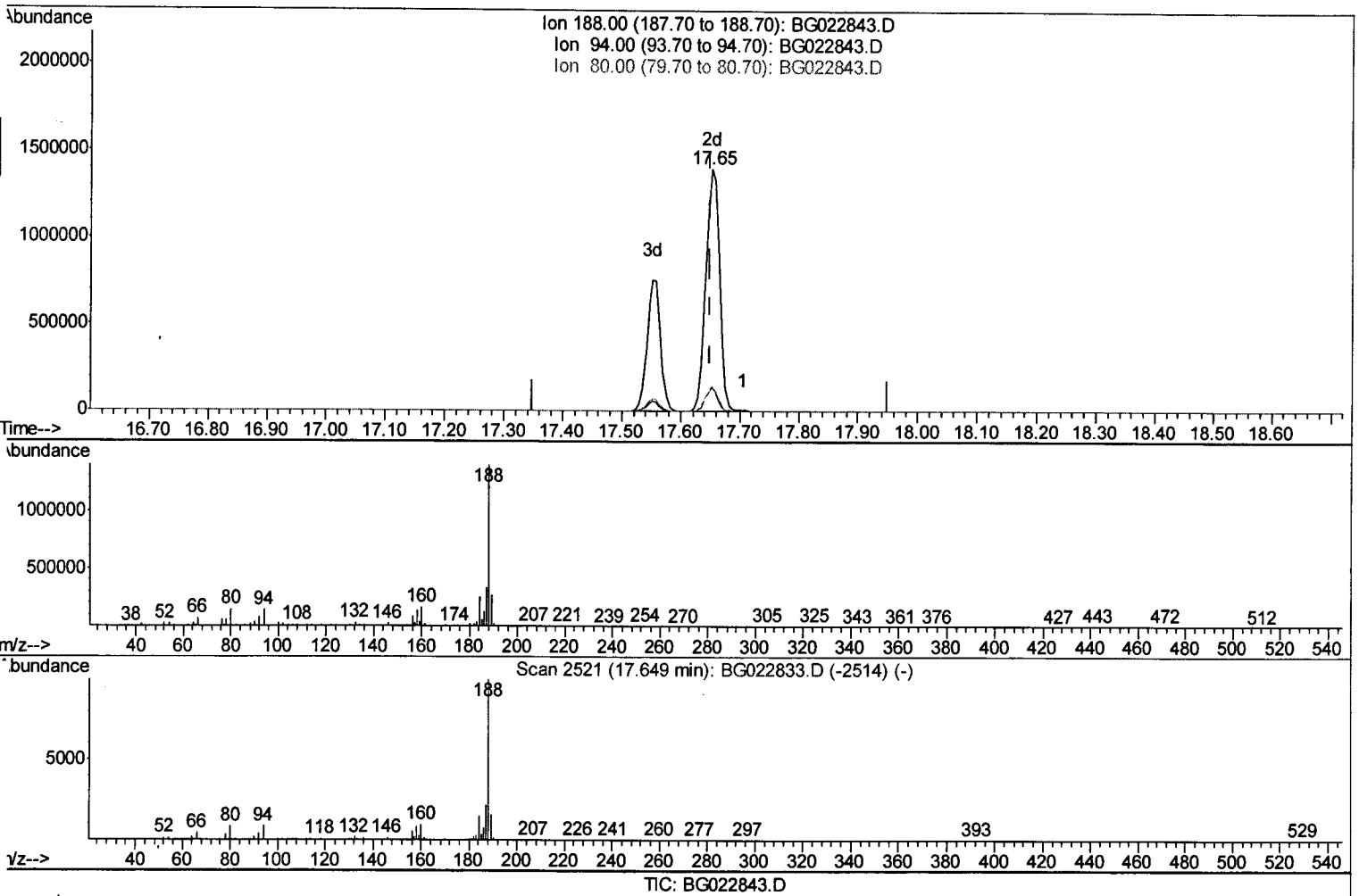
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

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(70) Anthracene-d10 (S)

17.652min (+0.003) 40.21ng/ul m U.M
 response 2276405 07/09/16

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	9.98#
80.00	11.90	10.47
0.00	0.00	0.00

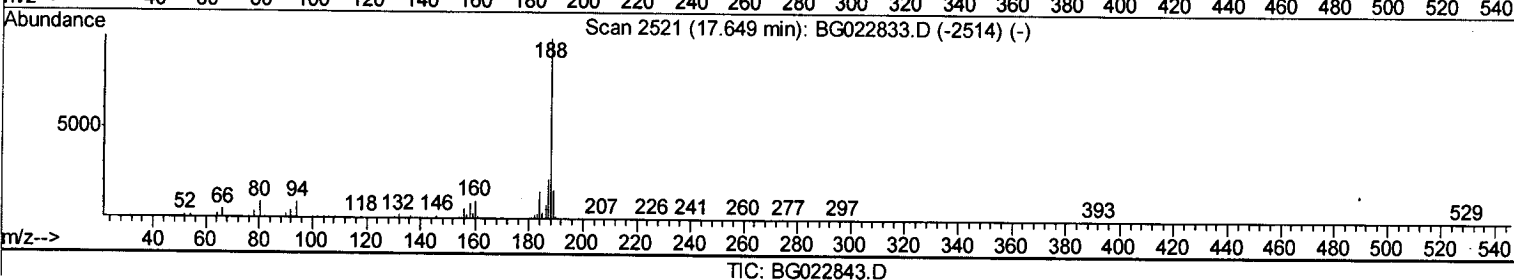
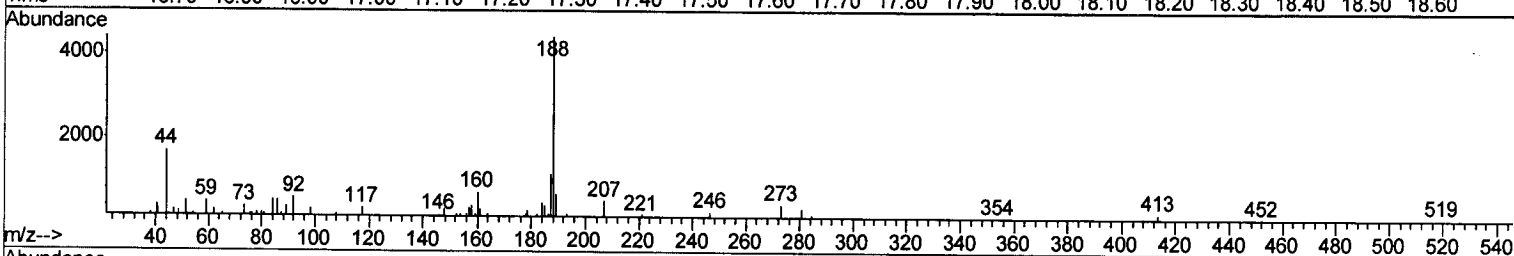
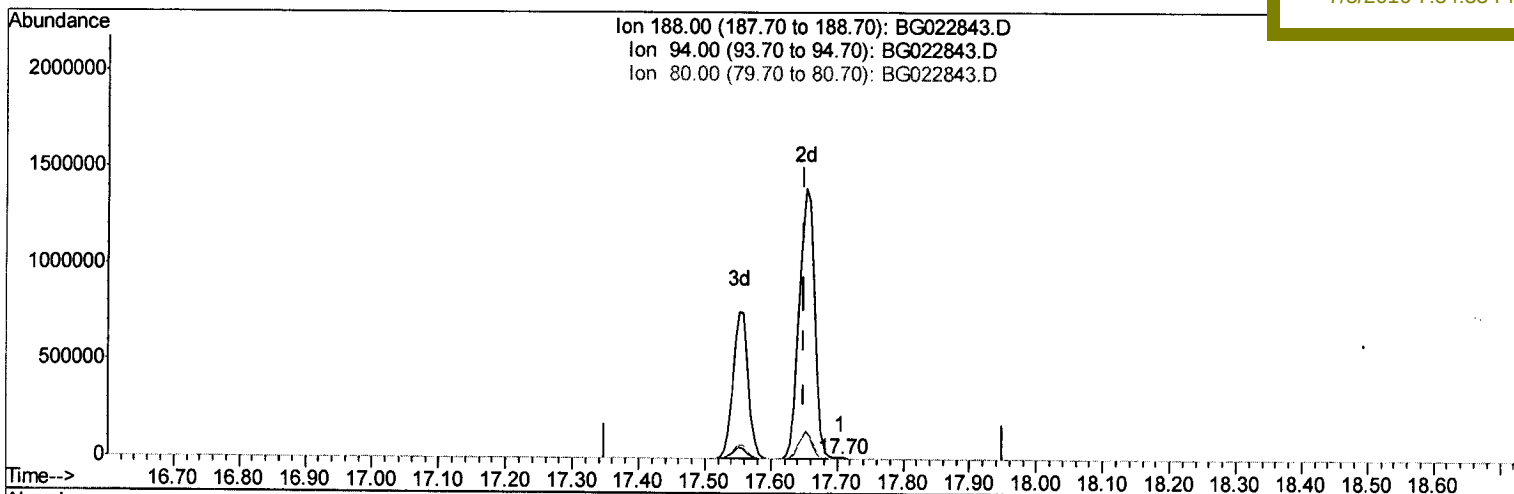
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022843.D
Acq On : 4 Jul 2016 00:32
Operator : UM/SJ
Sample : PB91826BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK26

Quant Time: Jul 04 04:20:28 2016
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Manual Integration

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(70) Anthracene-d10 (S)

17.705min (+0.055) 0.04ng/ul

response 2514

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	0.00#
80.00	11.90	9.68
0.00	0.00	0.00

Quantitation Report (Qedit)

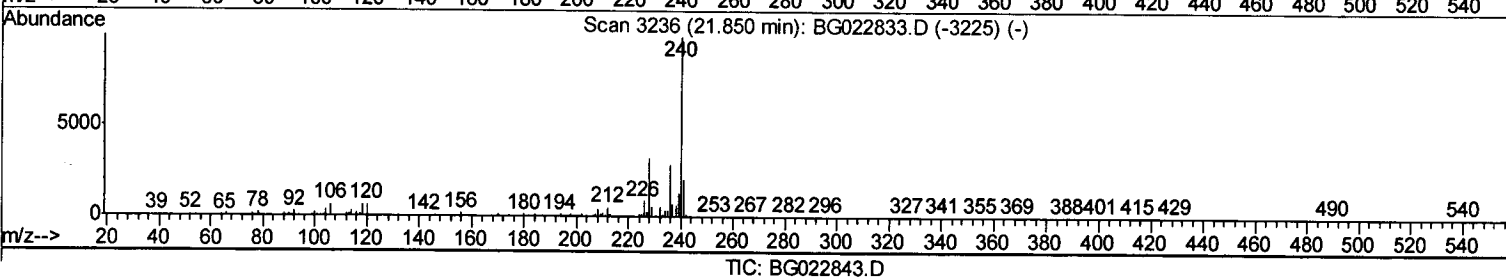
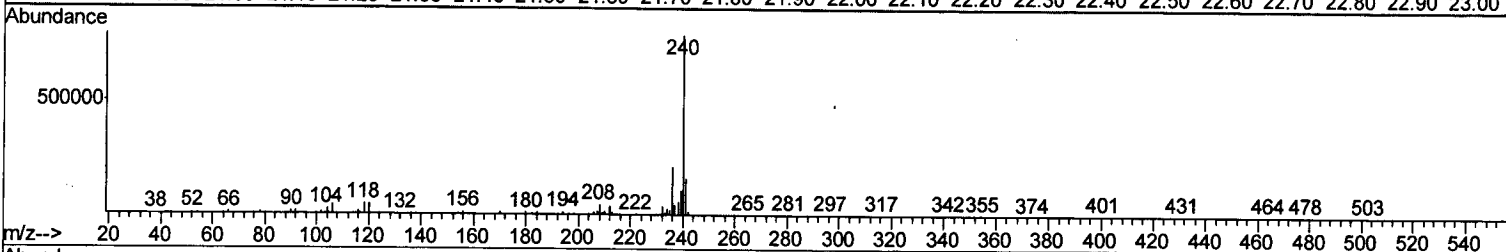
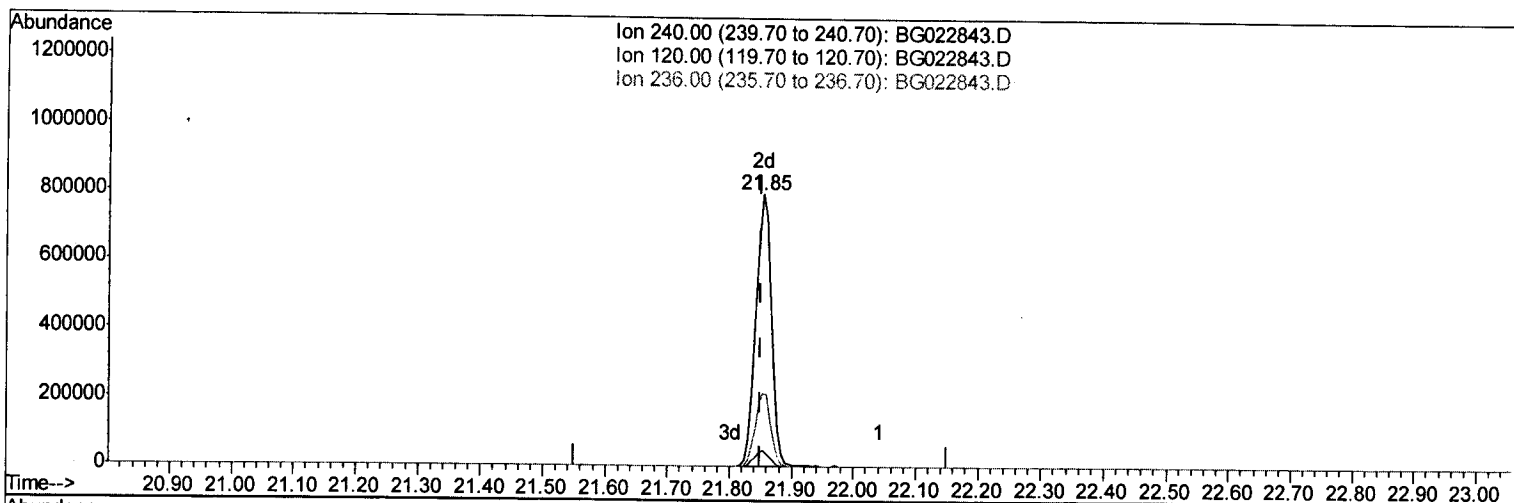
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

Quant Time: Jul 04 04:20:28 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

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TIC: BG022843.D

(75) Chrysene-d12 (I)

21.853min (+0.003) 20.00ng/ul m U.M
07/09/16
 response 1385189

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	5.97#
236.00	26.10	26.65
0.00	0.00	0.00

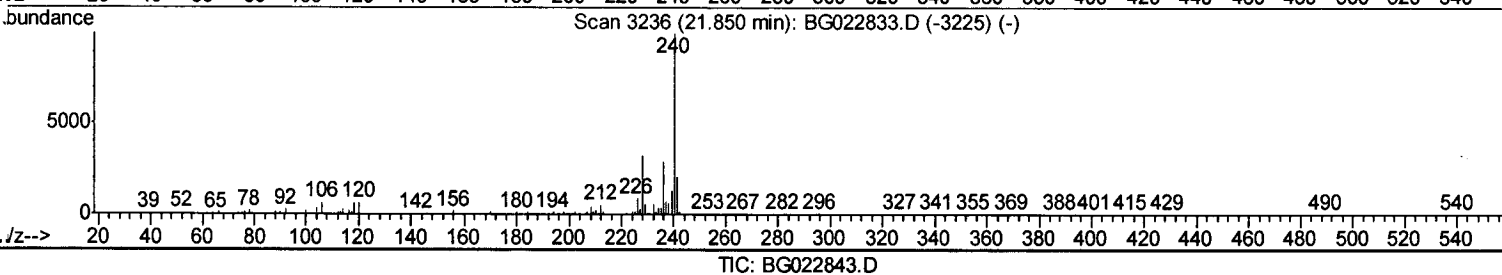
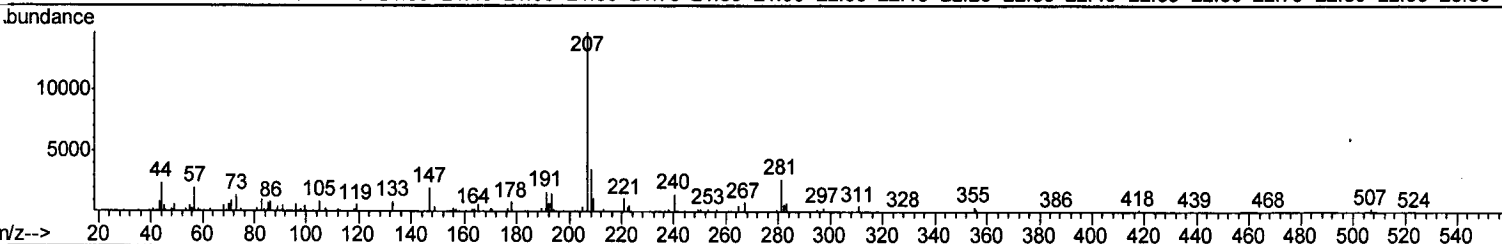
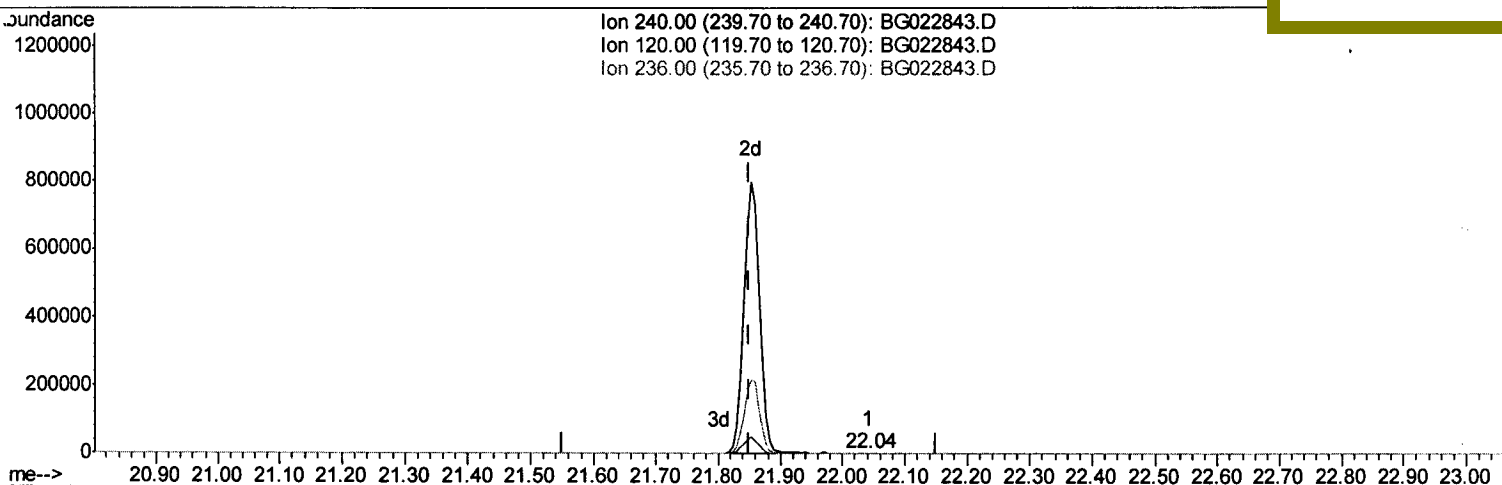
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022843.D
Acq On : 4 Jul 2016 00:32
Operator : UM/SJ
Sample : PB91826BL
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK26

Manual Integration

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7/5/2016 7:54:33 PM

Quant Time: Jul 04 04:20:28 2016
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Response via : Initial Calibration



(75) Chrysene-d12 (I)

22.041min (+0.191) 20.00ng/ul

response 1484

Ion	Exp%	Act%
240.00	100	100
120.00	14.40	0.00#
236.00	26.10	13.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

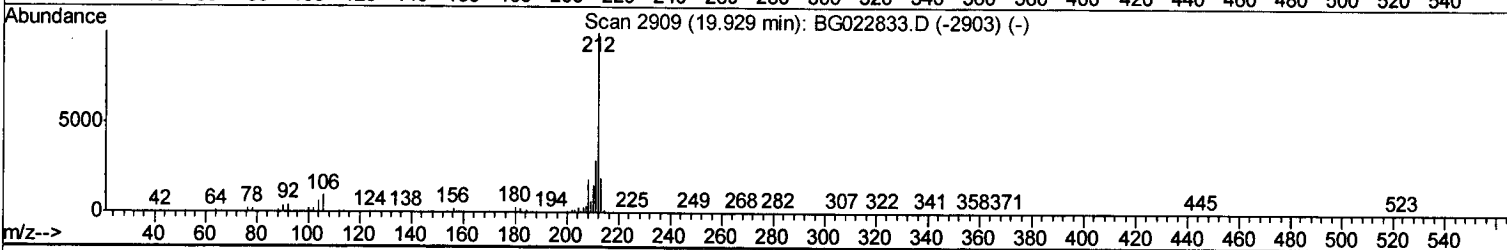
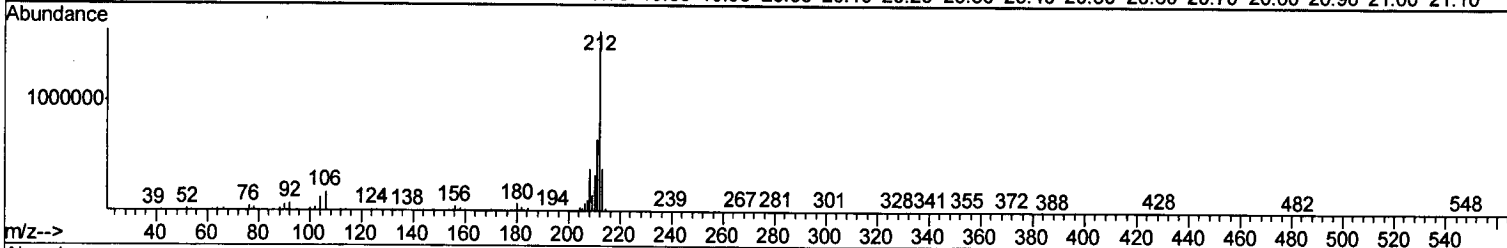
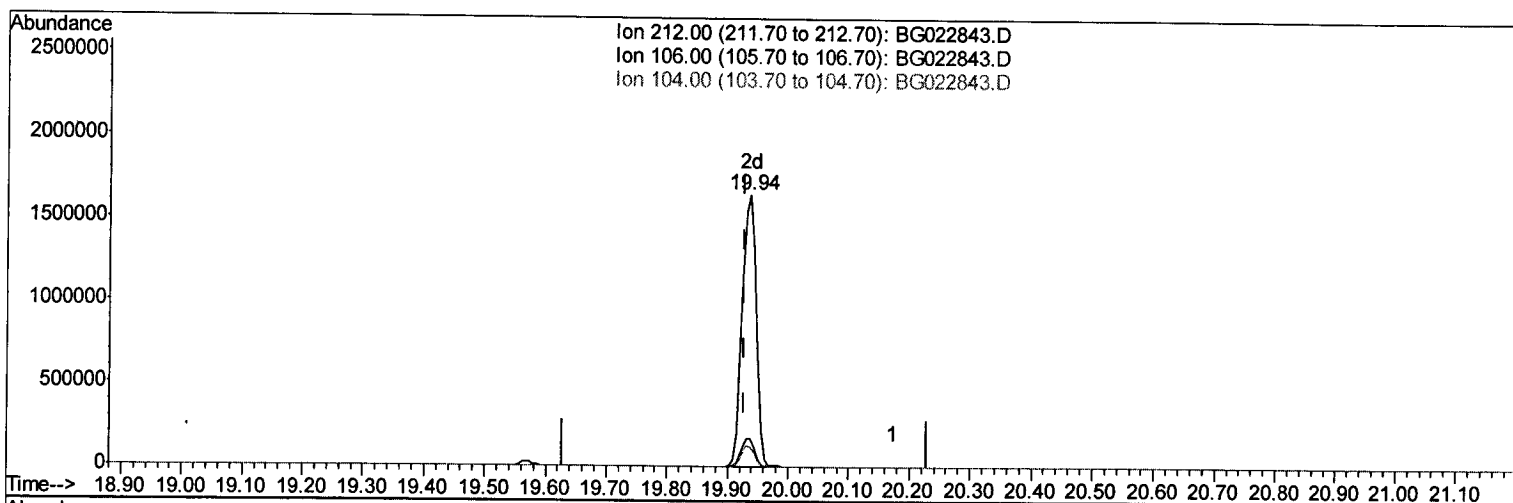
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

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 7/5/2016 7:54:33 PM

Quant Time: Jul 04 04:41:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration



TIC: BG022843.D

(76) Pyrene-d10 (S)

19.938min (+0.008) 39.59ng/ul m *U.M*

response 2619960

07/09/16

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	10.65#
104.00	11.70	7.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

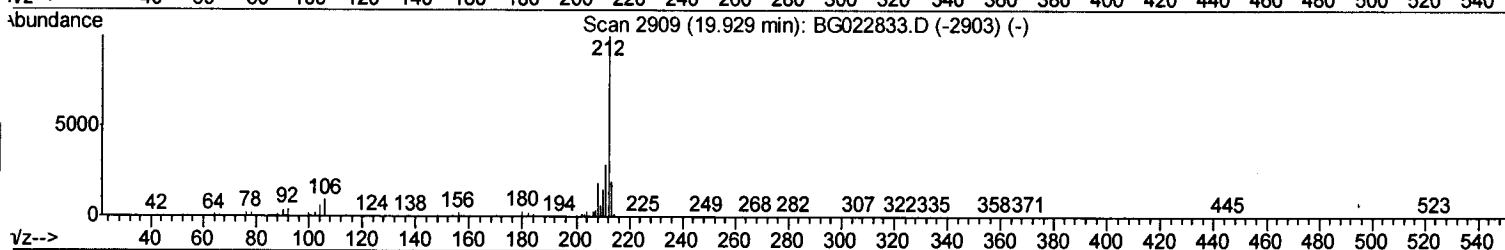
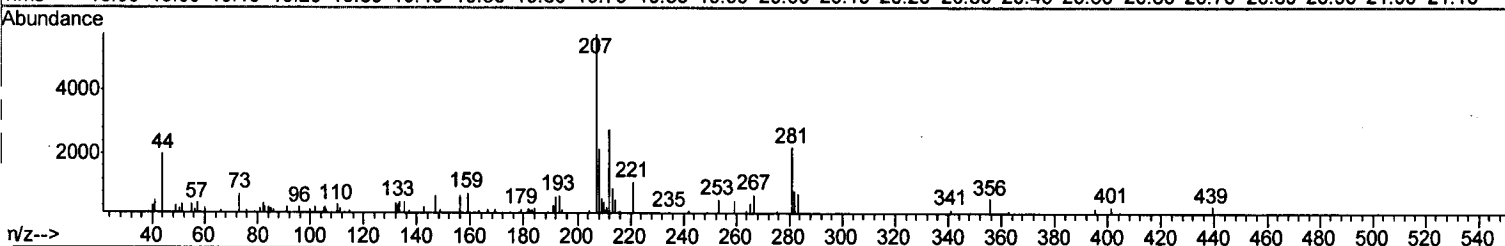
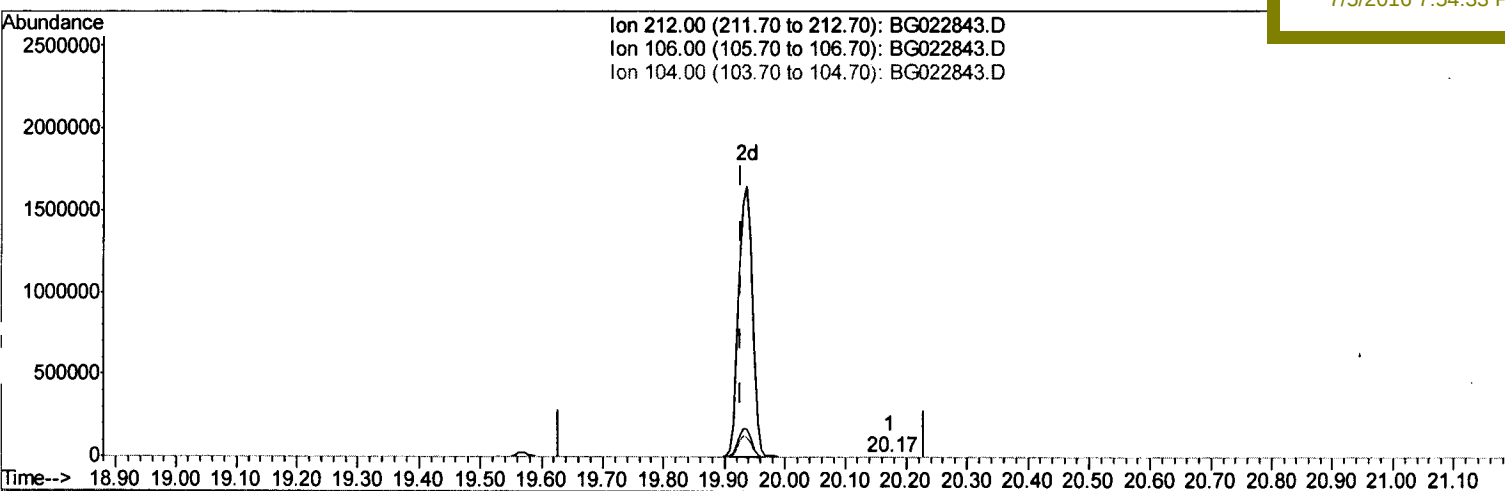
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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APPROVED
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 7/5/2016 7:54:33 PM



TIC: BG022843.D

(76) Pyrene-d10 (S)

20.173min (+0.243) 0.06ng/ul

response 3692

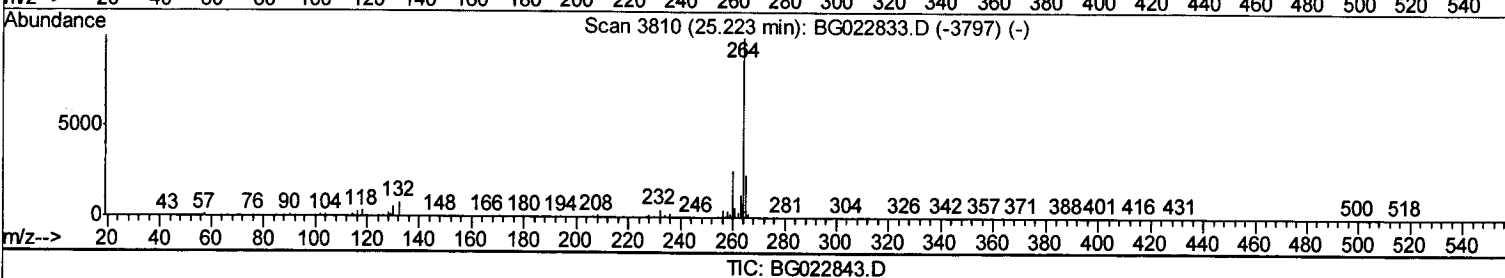
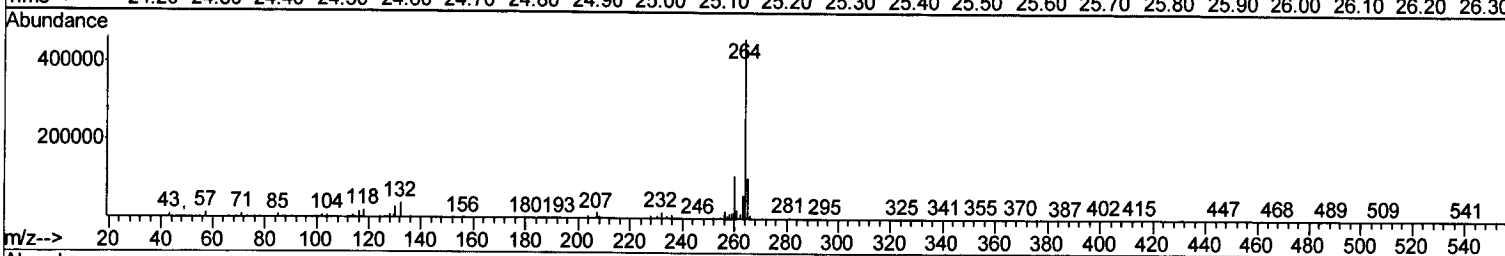
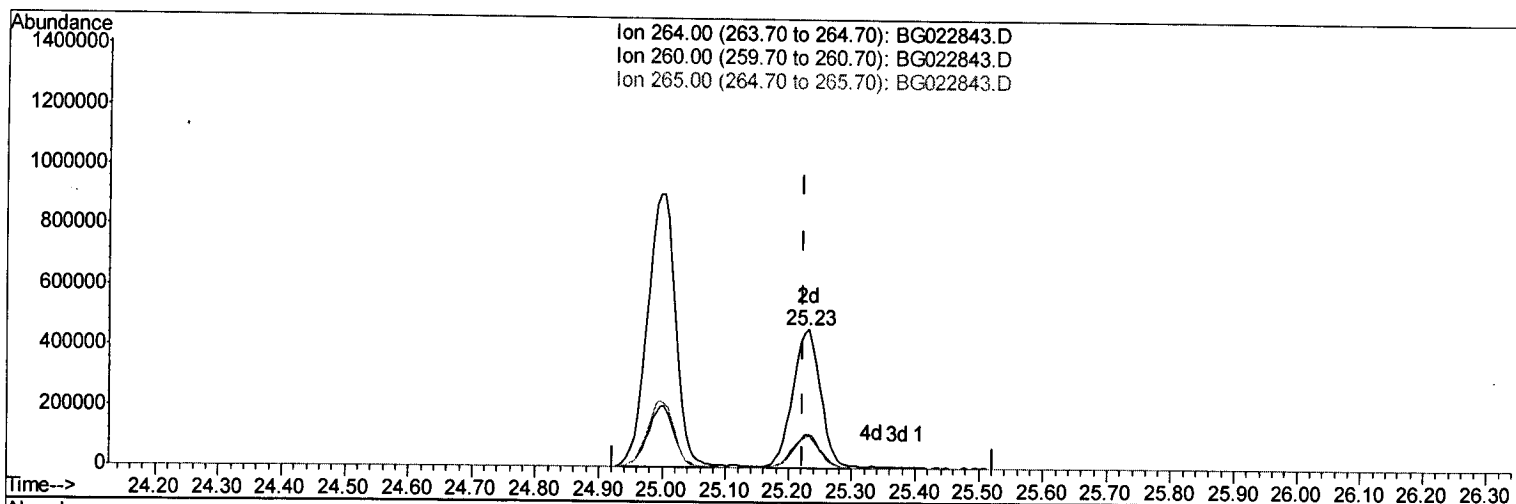
Ion	Exp%	Act%
212.00	100	100
106.00	18.40	9.55#
104.00	11.70	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
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7/5/2016 7:54:33 PM



25.231min (+0.008) 20.00ng/ul m U.M
response 1456827 07/09/16

Ion	Exp%	Act%
264.00	100	100
260.00	23.30	23.81
265.00	22.60	22.97
0.00	0.00	0.00

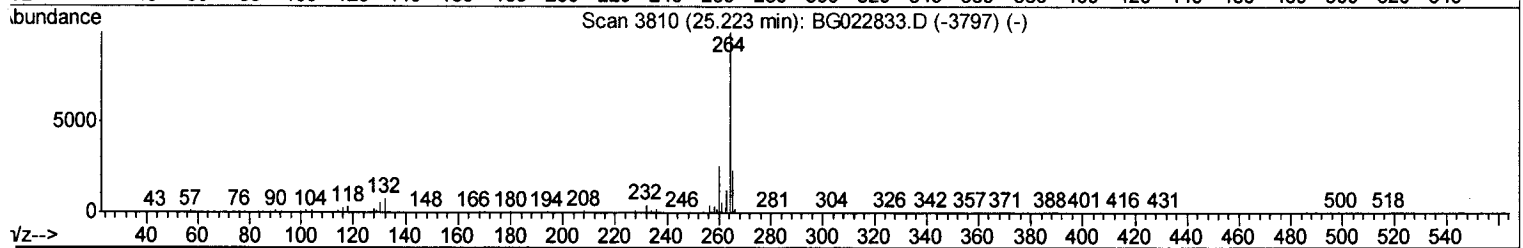
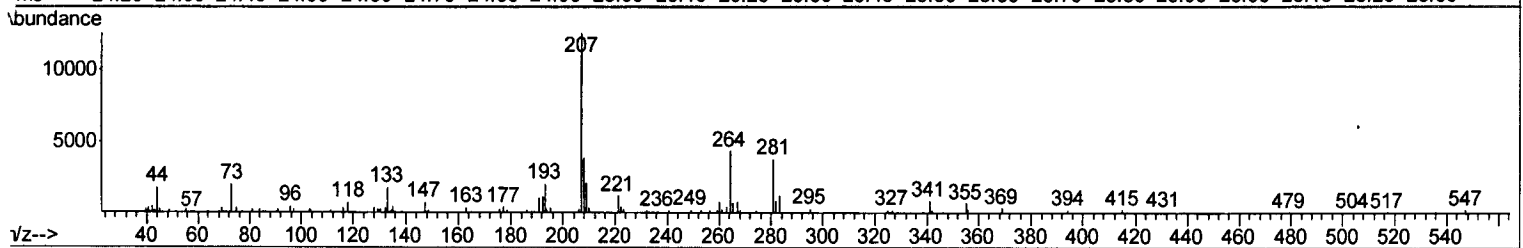
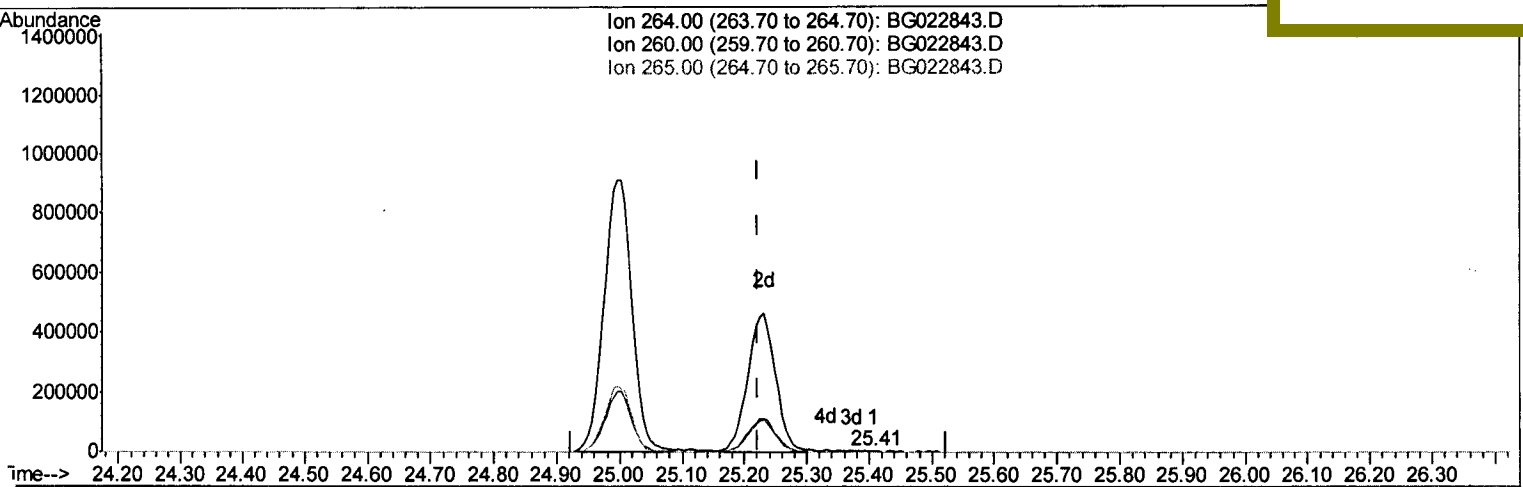
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umangi
7/5/2016 7:54:33 PM



TIC: BG022843.D

(83) Perylene-d12 (I)

25.408min (+0.185) 20.00ng/ul

response 3576

Ion	Exp%	Act%
264.00	100	100
260.00	23.30	21.57
265.00	22.60	19.42
0.00	0.00	0.00

Quantitation Report (Qedit)

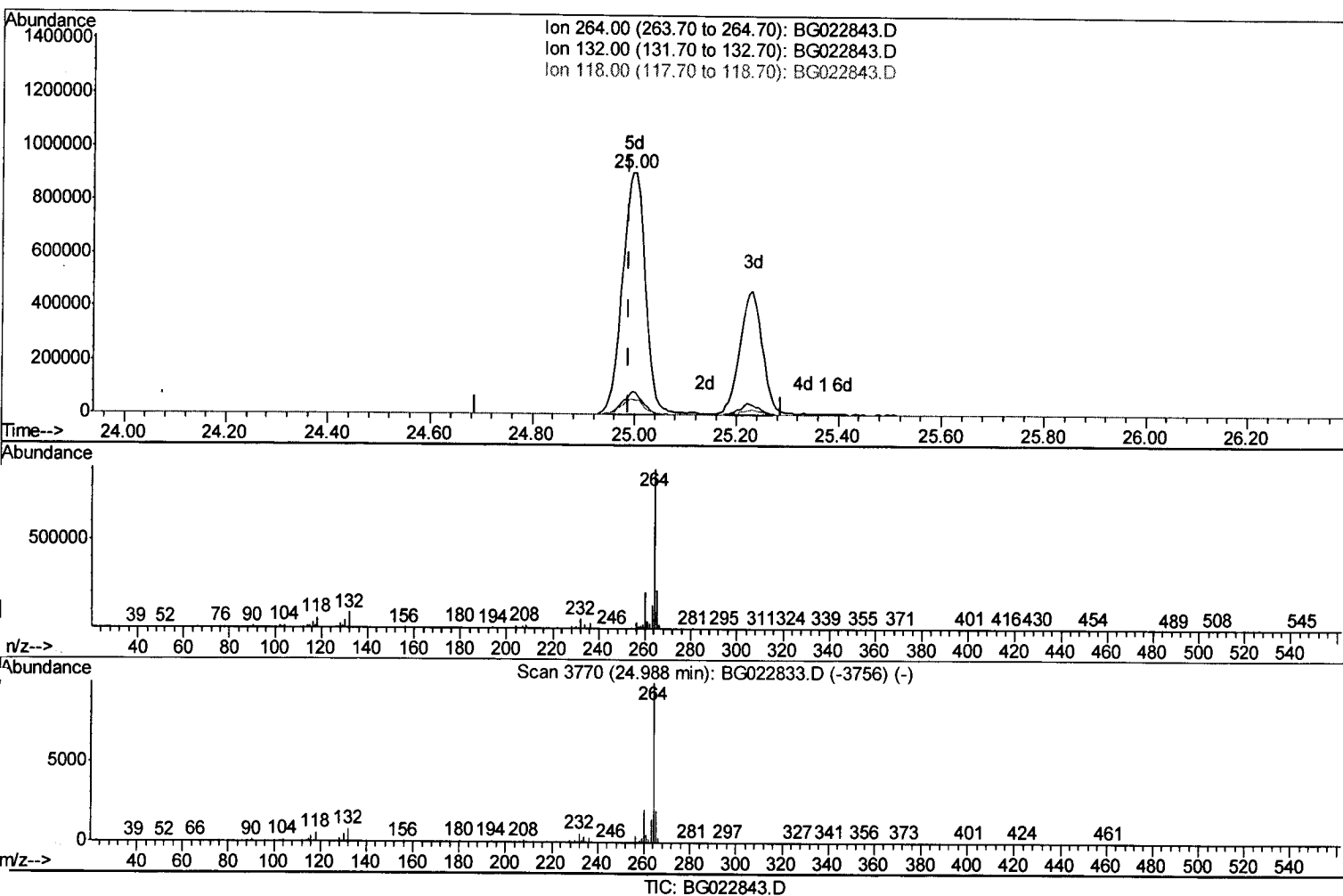
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
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 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Manual Integration

umangi
 7/5/2016 7:54:33 PM

Quant Time: Jul 04 04:42:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

24.996min (+0.008) 40.88ng/ul m

response 2829538

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	9.52#
118.00	11.60	6.54#
0.00	0.00	0.00

U.M
 07/09/16

Quantitation Report (Qedit)

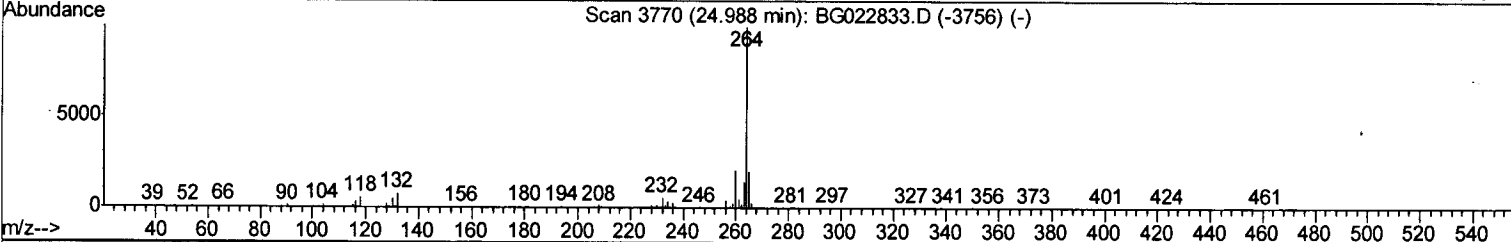
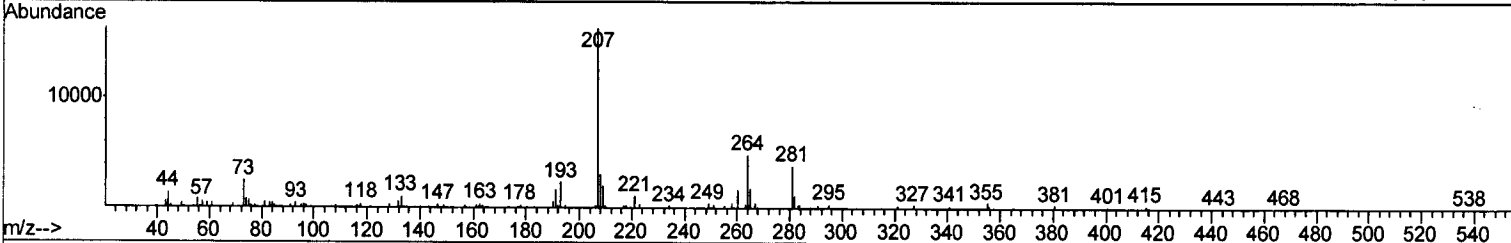
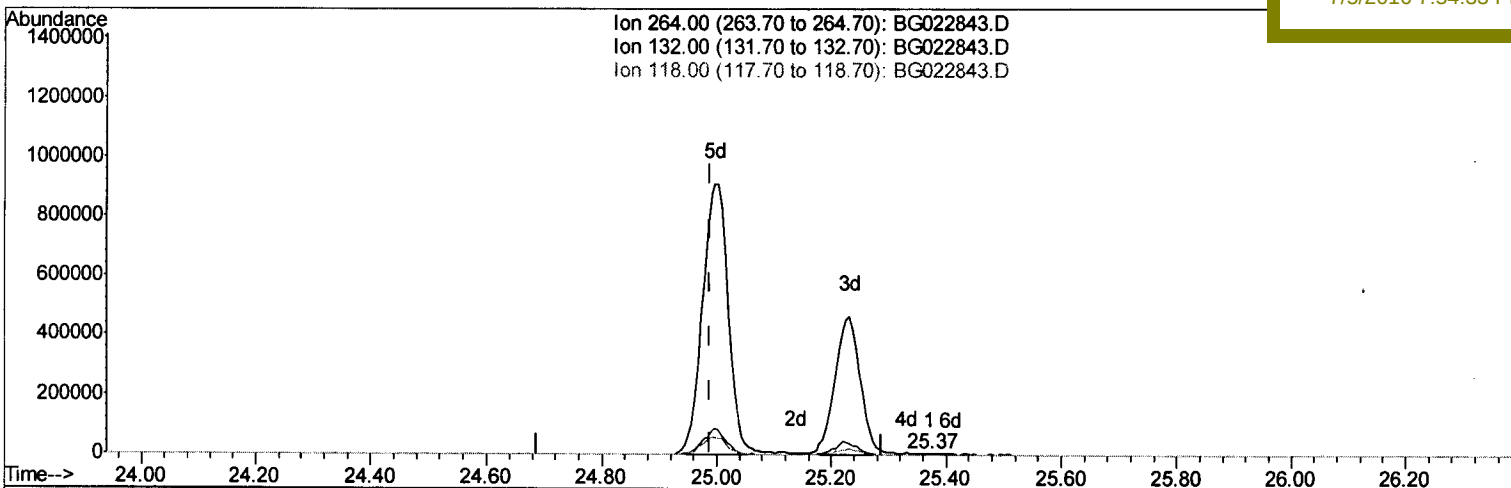
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SBLK26

Quant Time: Jul 04 04:42:30 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

Manual Integration

APPROVED
 umangi
 7/5/2016 7:54:33 PM



TIC: BG022843.D

(87) Benzo(a)pyrene-d12 (S)

25.372min (+0.384) 0.05ng/ul

response 3618

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	20.47
118.00	11.60	9.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022843.D
 Acq On : 4 Jul 2016 00:32
 Operator : UM/SJ
 Sample : PB91826BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK26

Quant Time: Jul 04 04:42:56 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

Manual Integration

umangi
 7/5/2016 7:54:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	141511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	639454	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	507504	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1218003m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1385189m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1456827m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	10155	4.01	ng/uL	0.00
5) Phenol-d5	7.31	99	585032	39.30	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	355616	42.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	380395	38.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	443876	38.39	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	210668m	41.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	246039	40.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	473080	36.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	607861	55.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1664012	40.36	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1869211	39.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	262900	40.61	ng/ul	0.00
57) Fluorene-d10	15.80	176	1553992	39.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	306888m	39.18	ng/ul	0.00
70) Anthracene-d10	17.65	188	2276405m	40.21	ng/ul	0.00
76) Pyrene-d10	19.94	212	2619960m	39.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	2829538m	40.88	ng/ul	0.00

Target Compounds

Ovalue

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