

Quantitation Report (QT/LSC Reviewed)

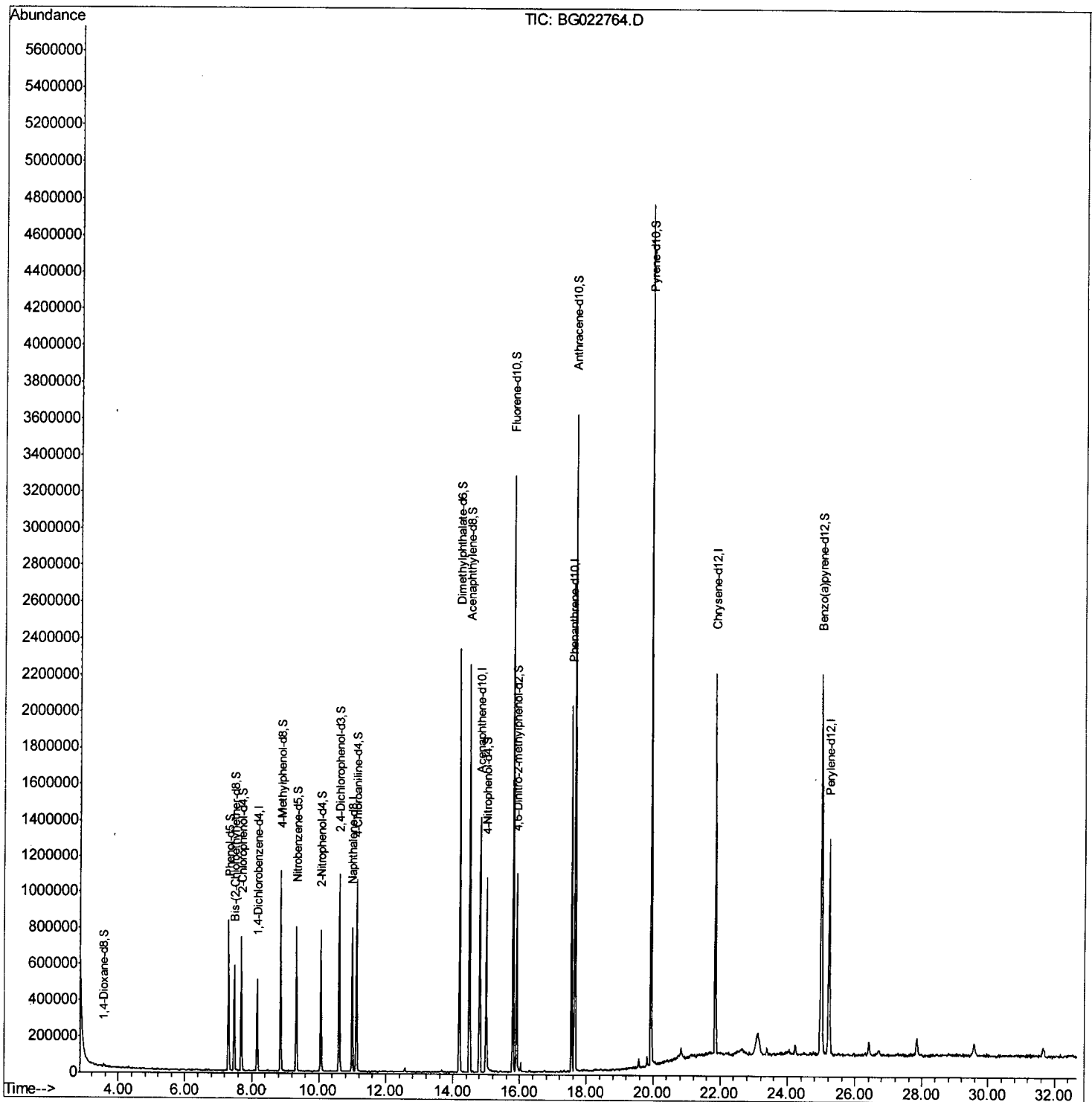
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Manual Integration

Quant Time: Jul 04 13:01:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

APPROVED
 sohil
 7/4/2016 1:30:52 PM



Quantitation Report (Qedit)

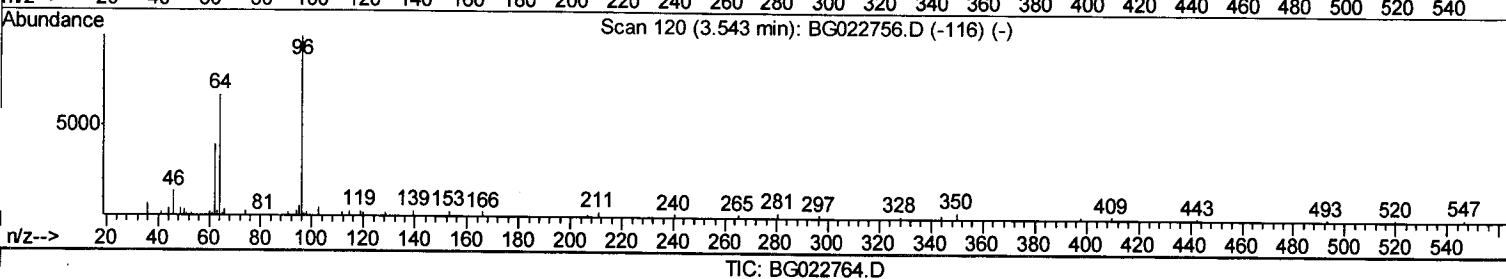
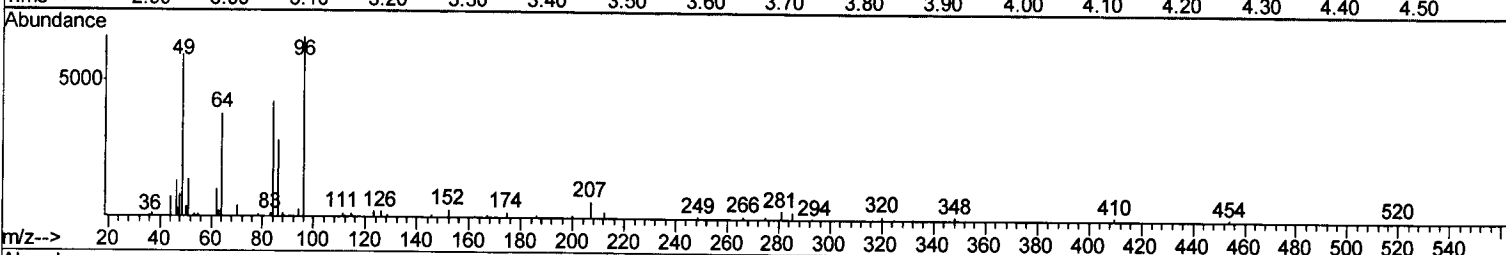
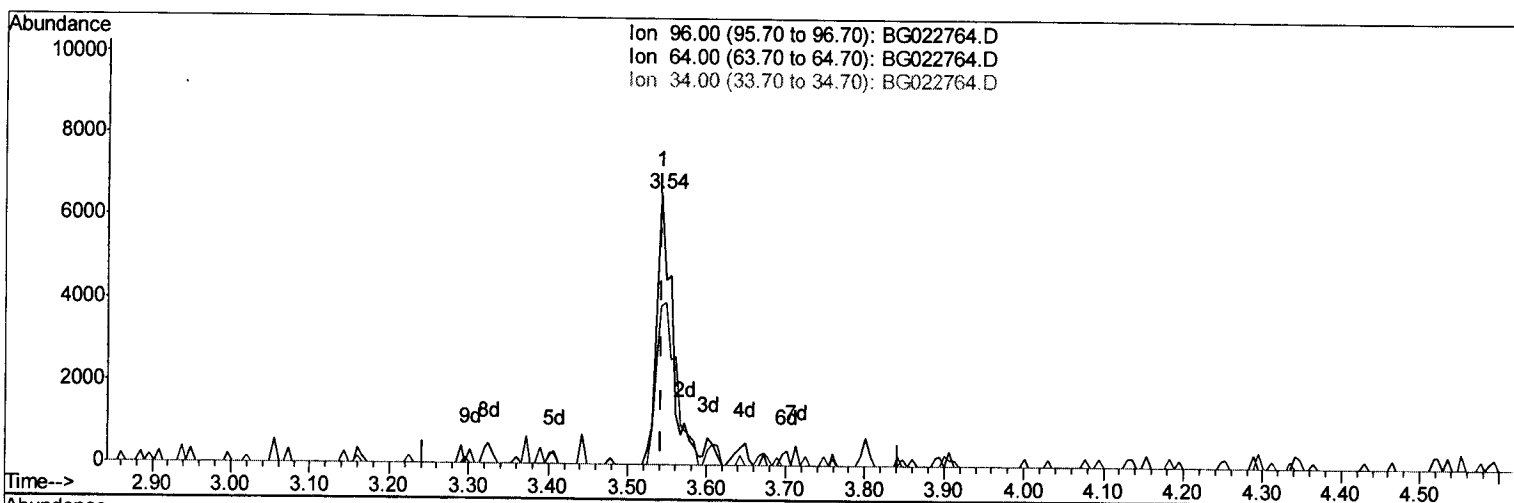
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Manual Integration

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

sohil
 7/4/2016 1:30:52 PM



(3) 1,4-Dioxane-d8 (S)

3.542min (-0.000) 3.93ng/uL m

response 9570

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	58.13
34.00	0.00	0.00
0.00	0.00	0.00

U.M
 07/09/16

Quantitation Report (Qedit)

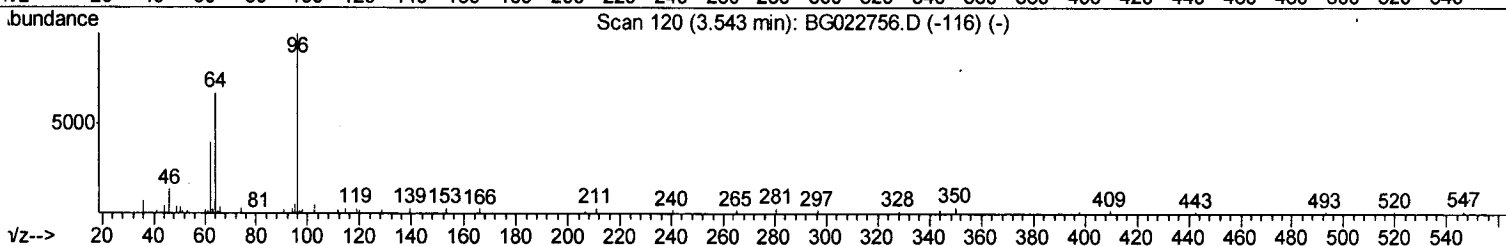
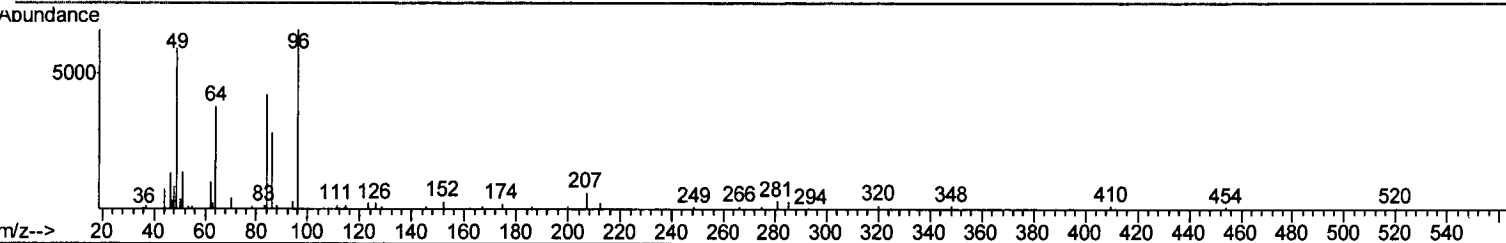
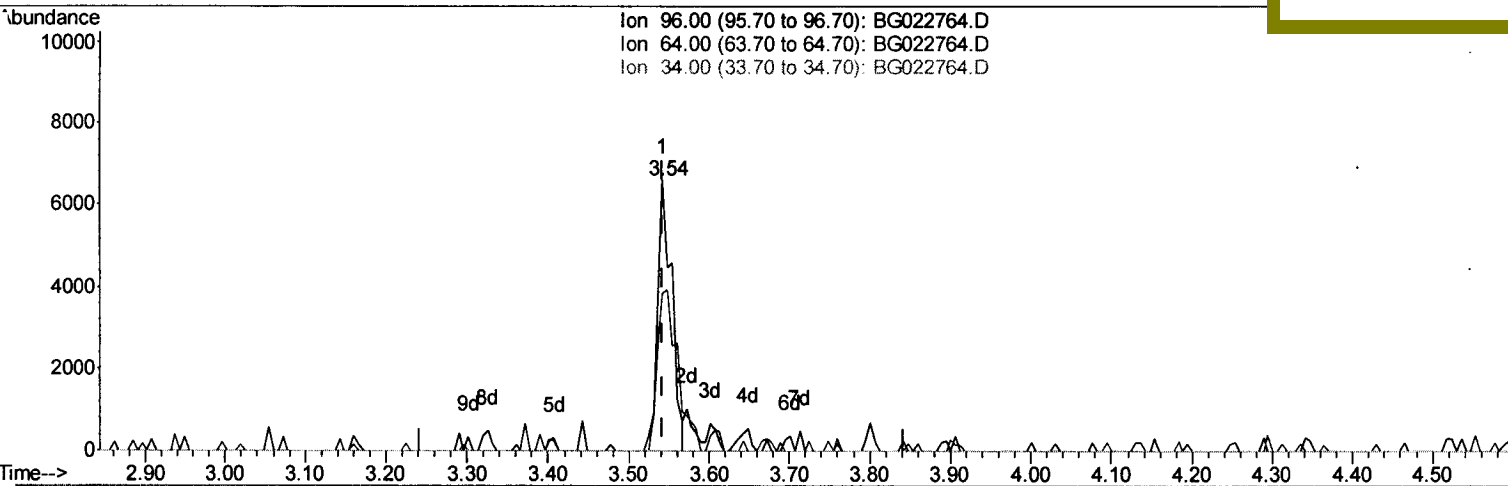
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 SBLK58

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Manual Integration

sohil
 7/4/2016 1:30:52 PM



TIC: BG022764.D

(3) 1,4-Dioxane-d8 (S)

3.542min (-0.000) 3.37ng/uL

response 8198

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	58.13
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

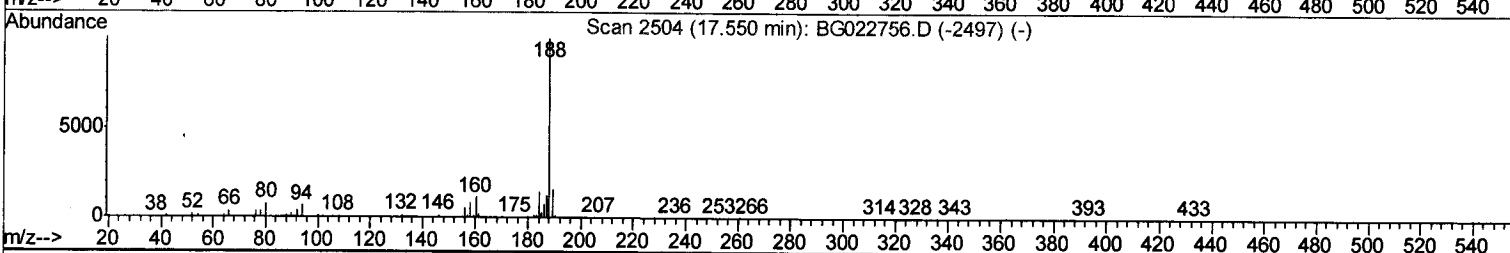
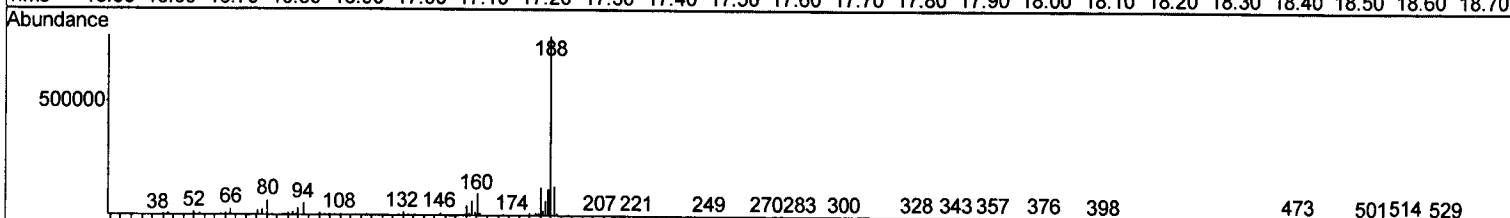
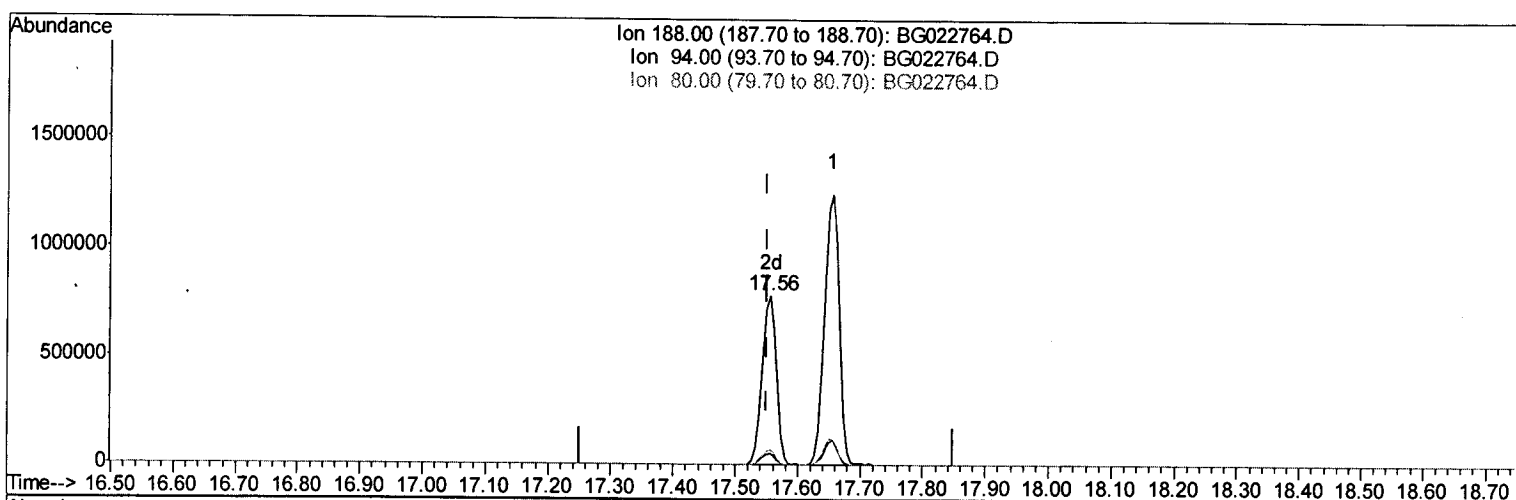
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Manual Integration

sohil
 7/4/2016 1:30:52 PM

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration



TIC: BG022764.D

(61) Phenanthrene-d10 (I)

17.555min (+0.005) 20.00ng/ul m U.M

response 1227634

07/09/16

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	6.86#
80.00	10.90	8.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

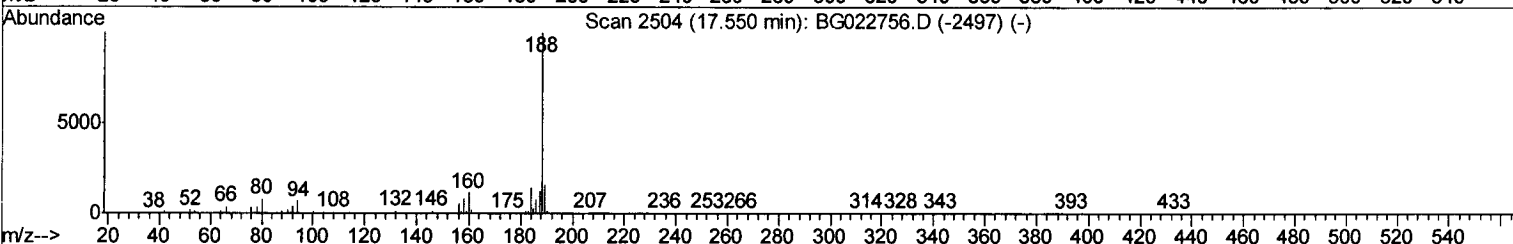
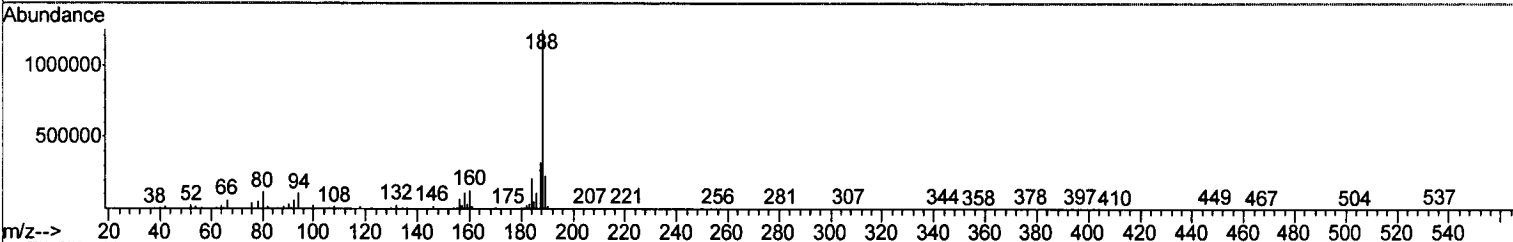
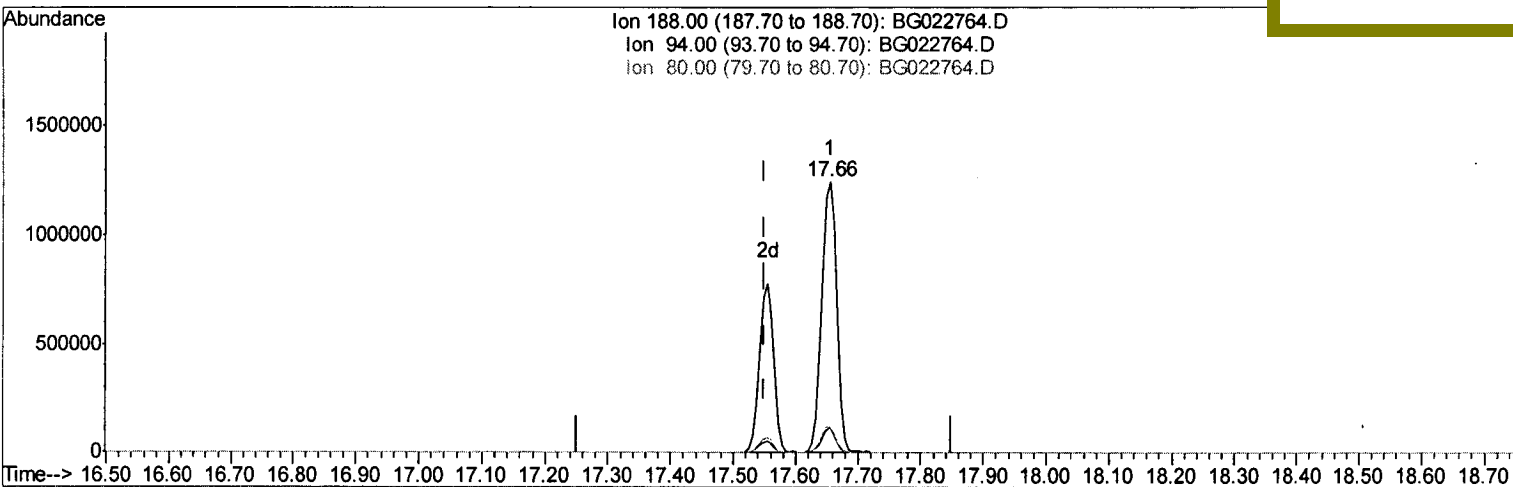
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Manual Integration

sohil
 7/4/2016 1:30:52 PM



TIC: BG022764.D

(61) Phenanthrene-d10 (I)

17.655min (+0.105) 20.00ng/ul

response 2078055

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.91
80.00	10.90	9.29
0.00	0.00	0.00

Quantitation Report (Qedit)

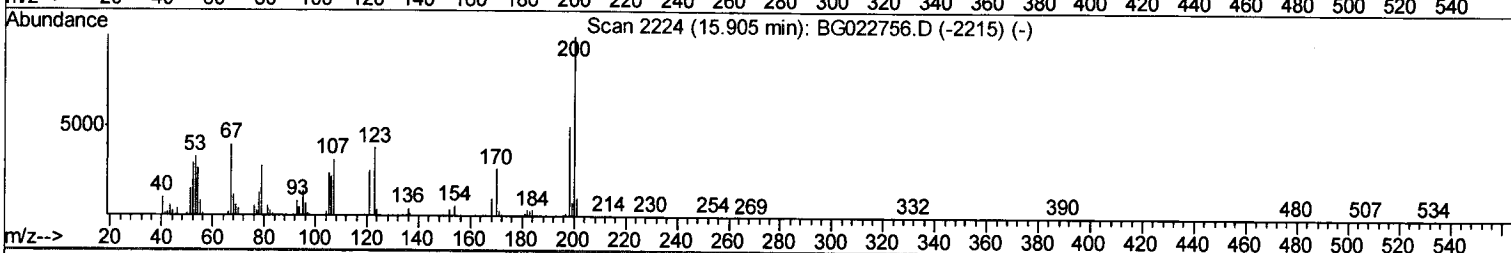
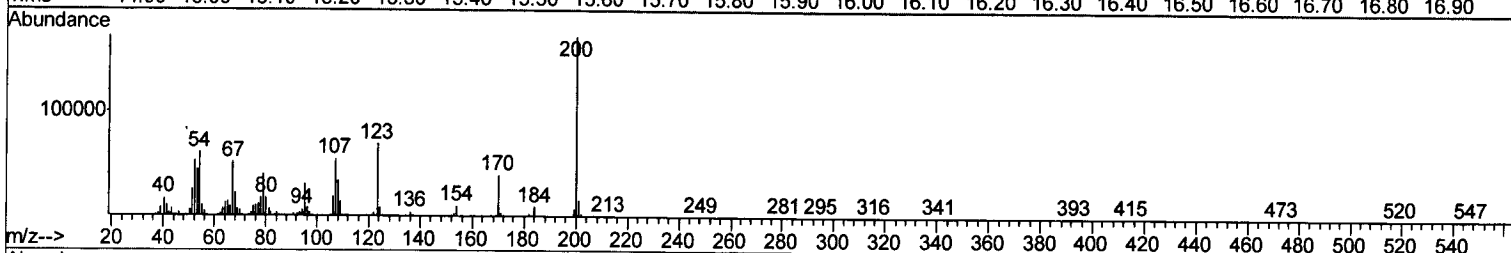
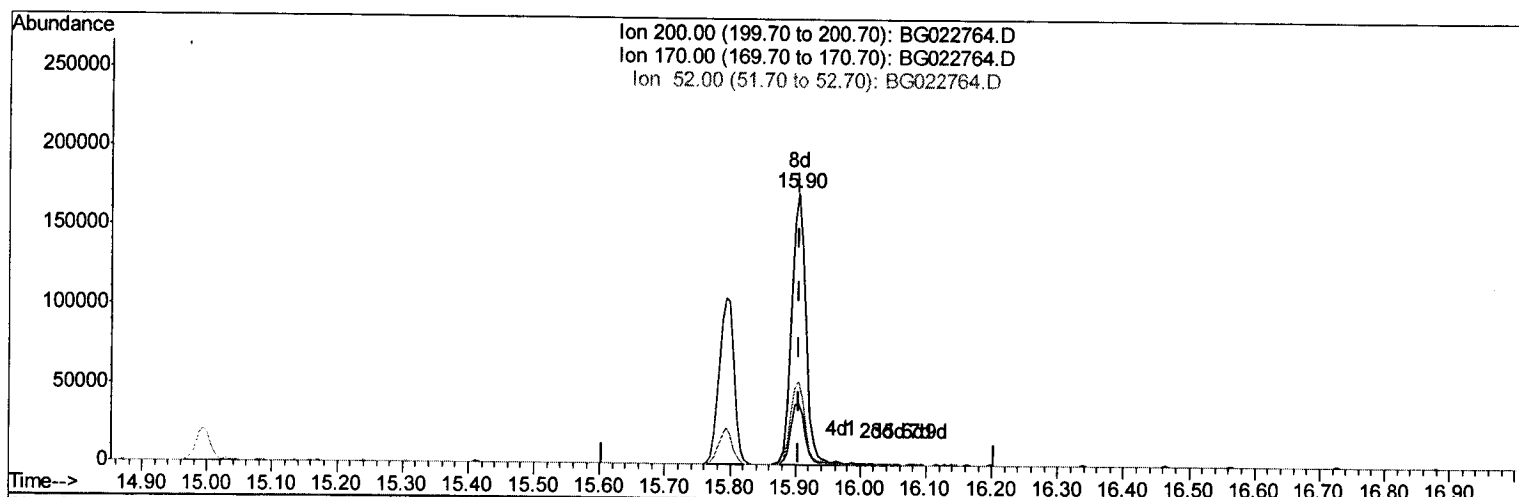
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Manual Integration

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

sohil
 7/4/2016 1:30:52 PM



TIC: BG022764.D

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

15.904min (-0.000) 33.96ng/ul m

response 268121

Ion Exp% Act%

200.00 100 100

170.00 15.20 22.71#

52.00 32.20 30.75

0.00 0.00 0.00

U.M
 07/03/16

Quantitation Report (Qedit)

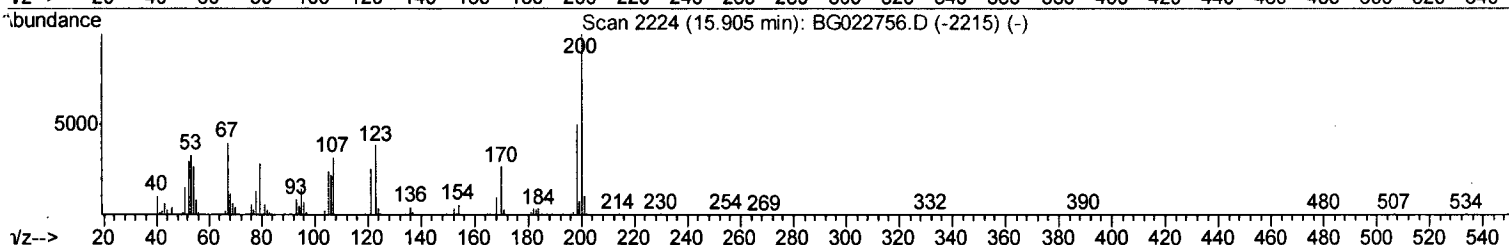
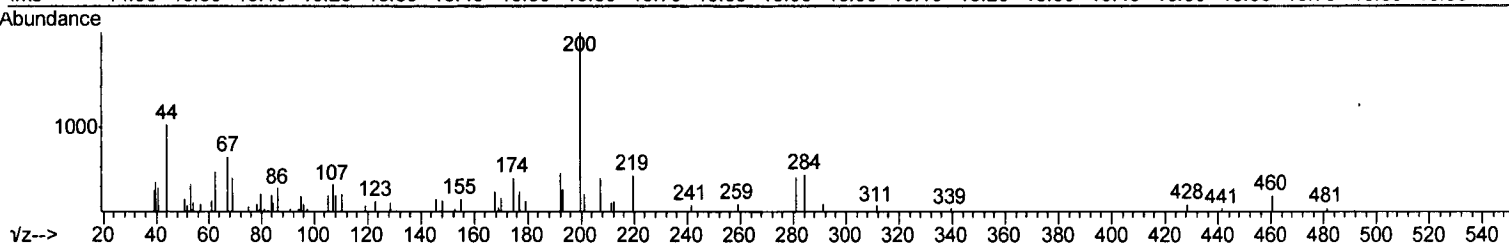
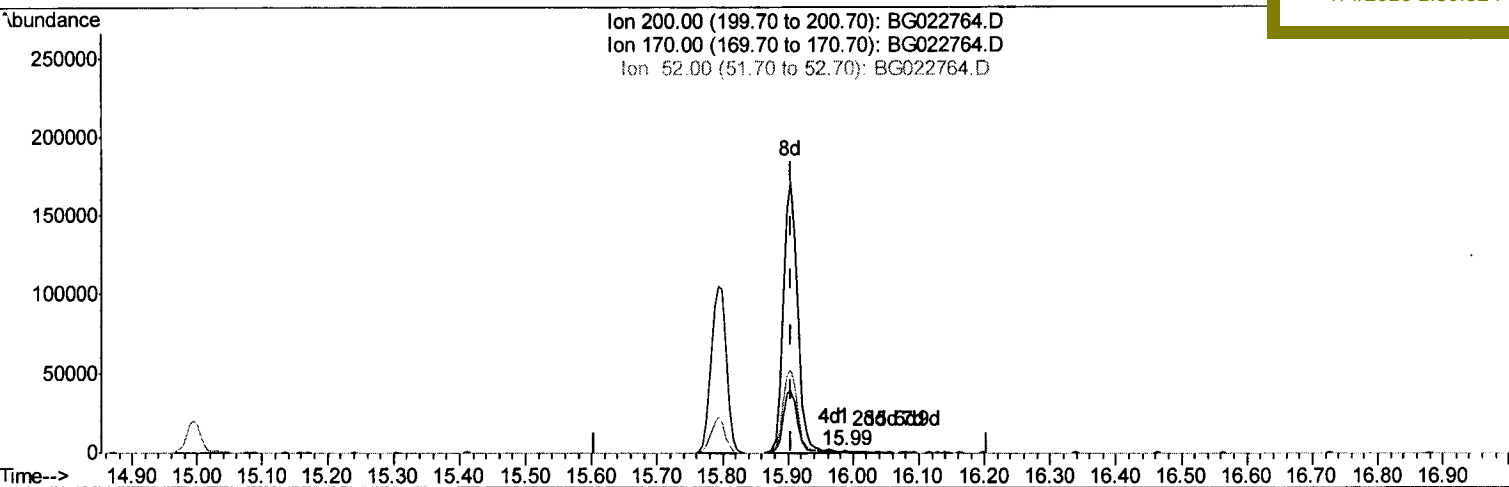
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Quant Time: Jul 02 00:09:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Manual Integration

sohil
 7/4/2016 1:30:52 PM



TIC: BG022764.D

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

15.987min (+0.082) 0.21ng/ul

response 1659

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	14.48
52.00	32.20	10.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

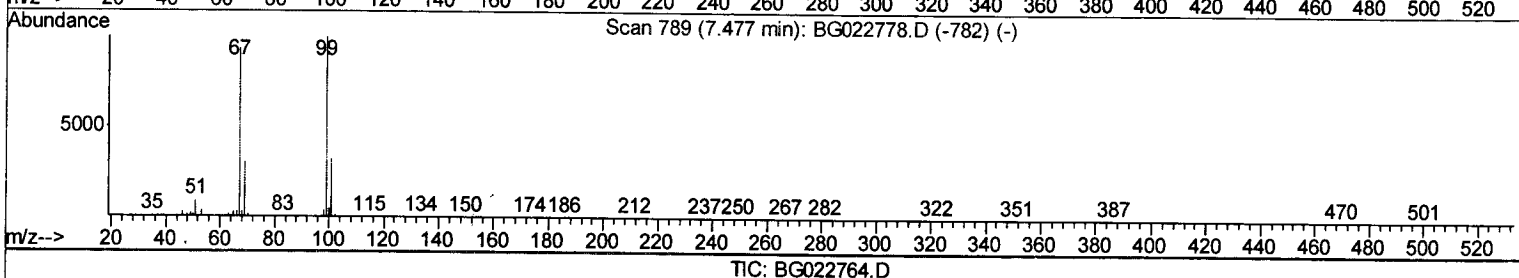
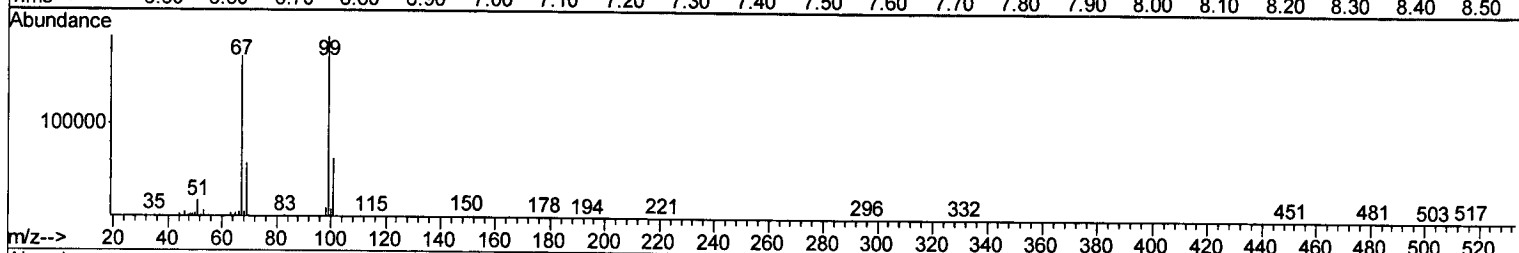
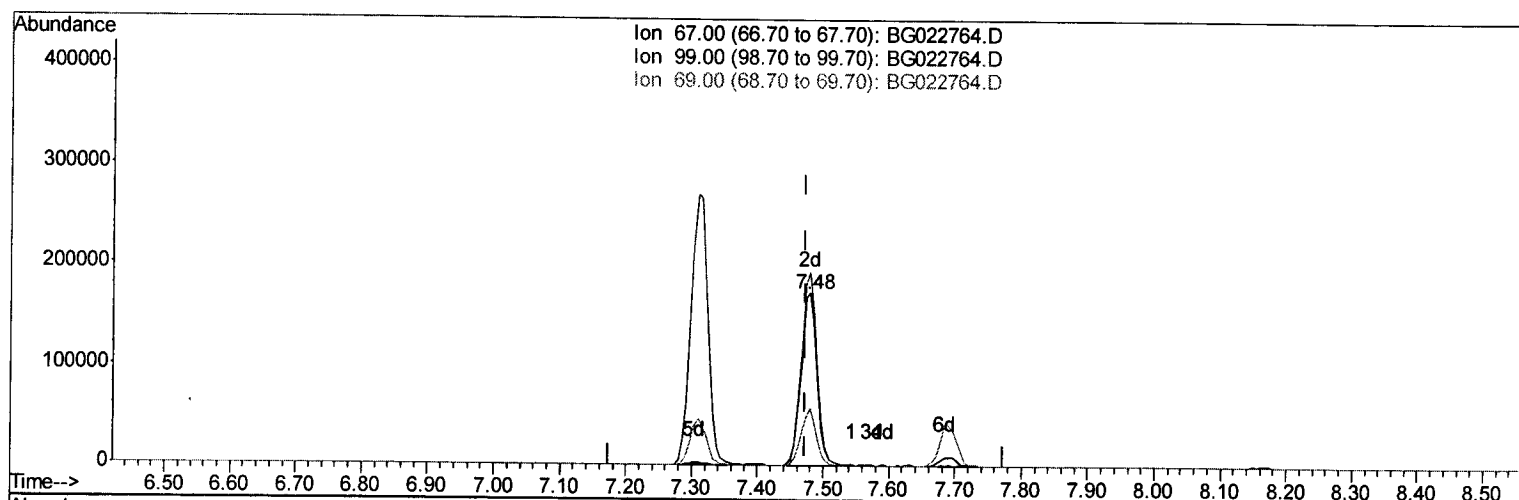
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK58

Manual Integration

Quant Time: Jul 02 01:08:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

sohil
 7/4/2016 1:30:52 PM



TIC: BG022764.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.479min (+0.005) 36.29ng/ul m

response 292931

V.M
 07/03/16

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	112.05#
69.00	34.00	33.12
0.00	0.00	0.00

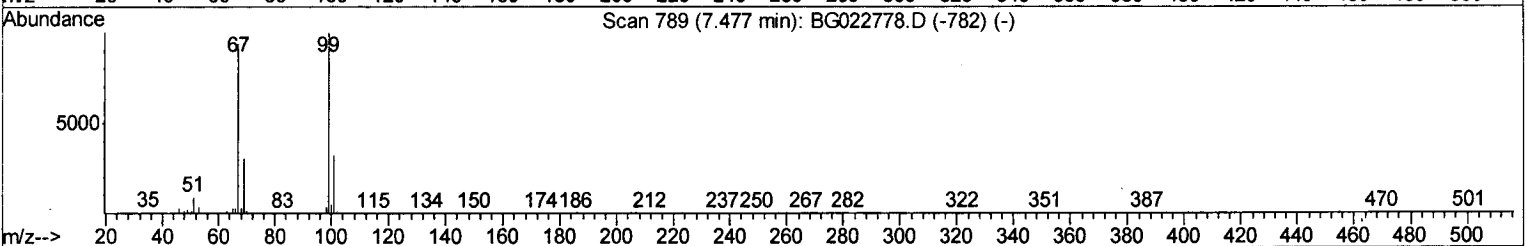
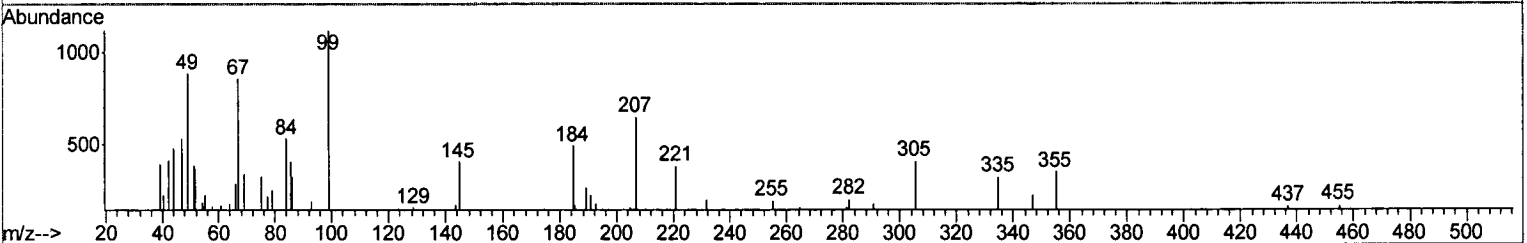
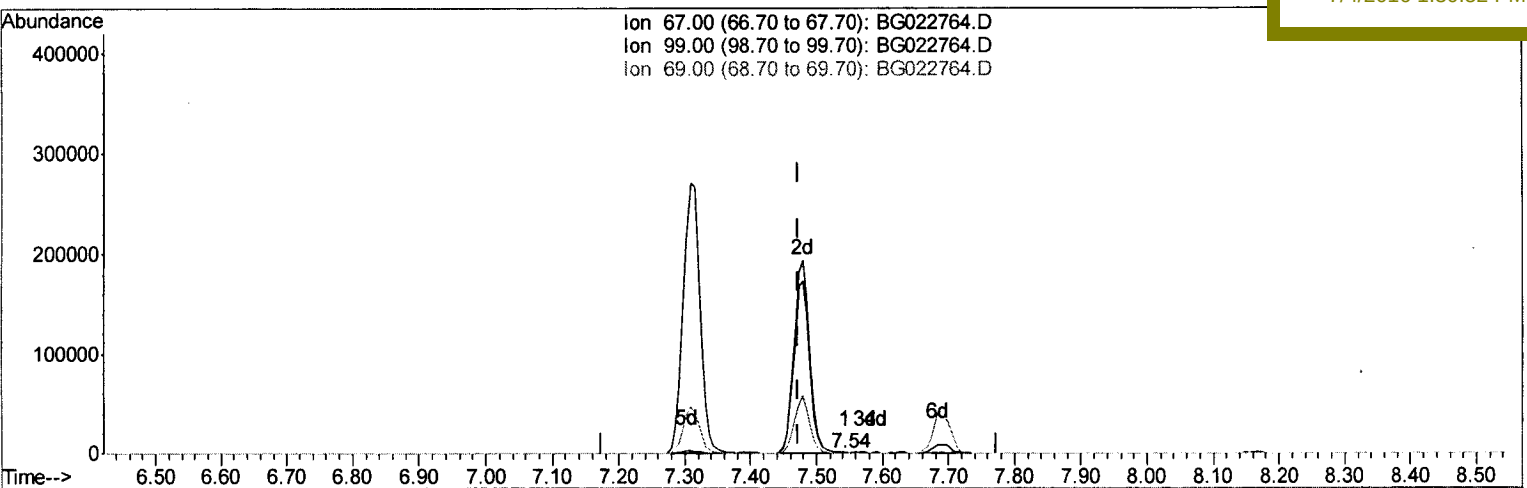
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070116\
Data File : BG022764.D
Acq On : 1 Jul 2016 19:05
Operator : UM/SJ
Sample : PB91758BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK58

Quant Time: Jul 02 01:08:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 00:07:37 2016
Response via : Initial Calibration

Manual Integration

APPROVED
sohil
7/4/2016 1:30:52 PM



TIC: BG022764.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.544min (+0.070) 0.05ng/ul

response 431

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	130.37
69.00	34.00	39.72
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070116\
 Data File : BG022764.D
 Acq On : 1 Jul 2016 19:05
 Operator : UM/SJ
 Sample : PB91758BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 SBLK58

Manual Integration

sohil
 7/4/2016 1:30:52 PM

Quant Time: Jul 04 13:01:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 02 00:07:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	136094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	633870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	504705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1227634m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1346312	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1352707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	9570m	3.93	ng/uL	0.00
5) Phenol-d5	7.31	99	479311	33.48	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.48	67	292931m	36.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	311645	32.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	375683	33.78	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	169270	33.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	213439	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	393426	30.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	514088	47.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1486099	36.24	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1582772	33.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	232094	36.05	ng/ul	0.00
57) Fluorene-d10	15.79	176	1351560	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	268121m	33.96	ng/ul	0.00
70) Anthracene-d10	17.66	188	2078055	36.42	ng/ul	0.00
76) Pyrene-d10	19.94	212	2344283	36.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	2467113	38.39	ng/ul	0.01

Target Compounds Qvalue

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