

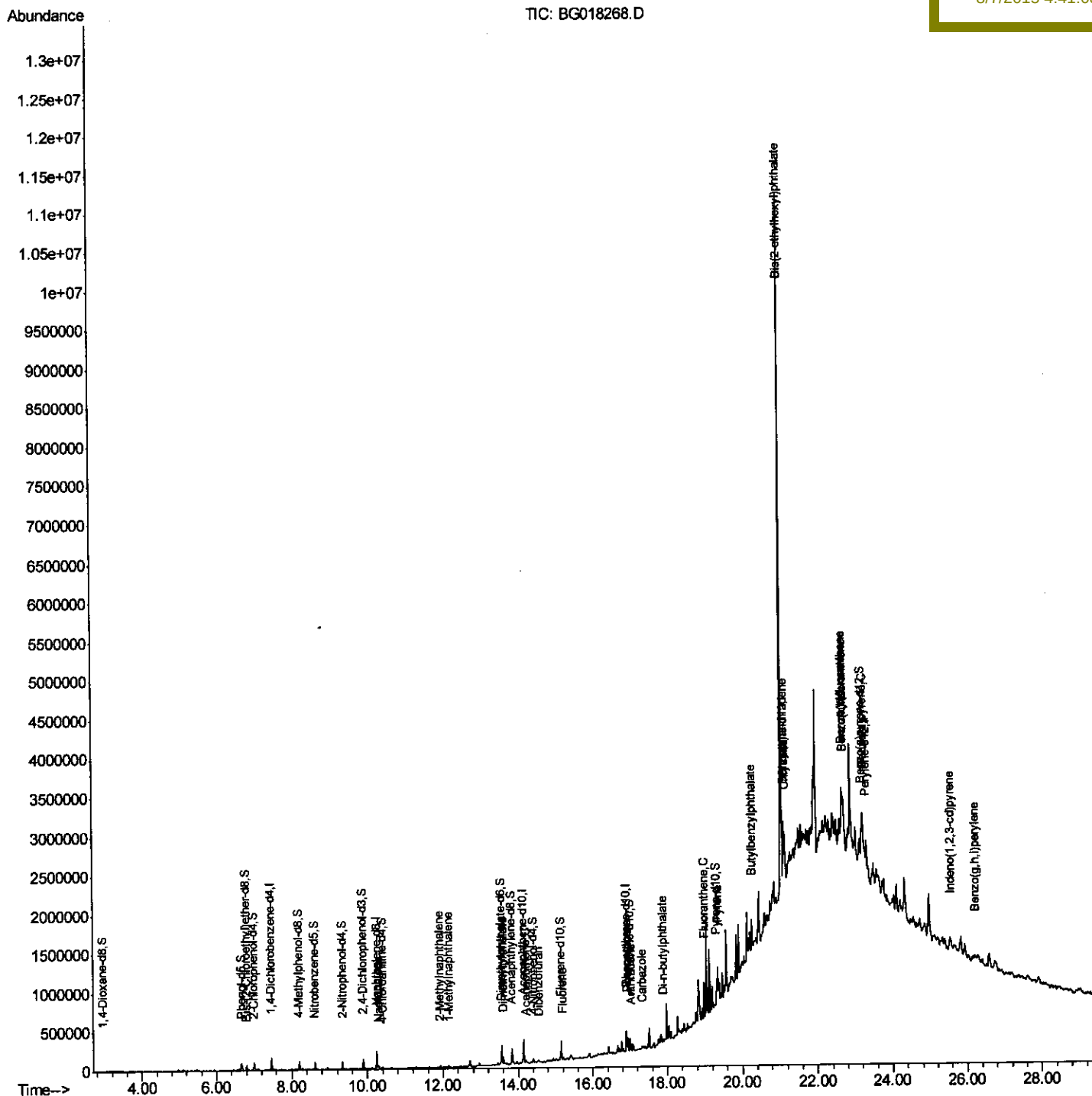
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018268.D
Acq On : 5 Aug 2015 00:45
Operator : UM/TP
Sample : G3109-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 05 05:51:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01P8

Manual Integrations
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Quantitation Report (Qedit)

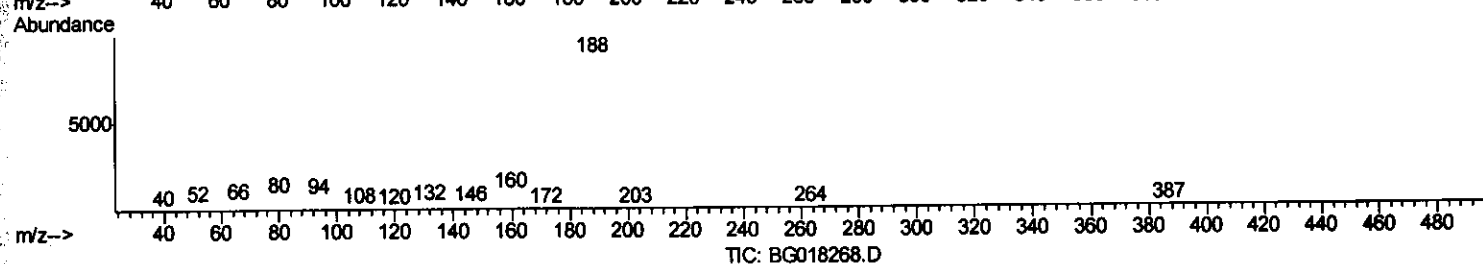
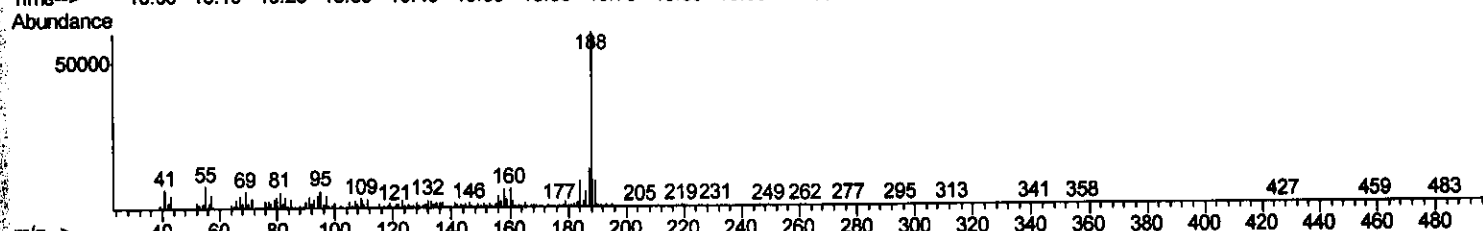
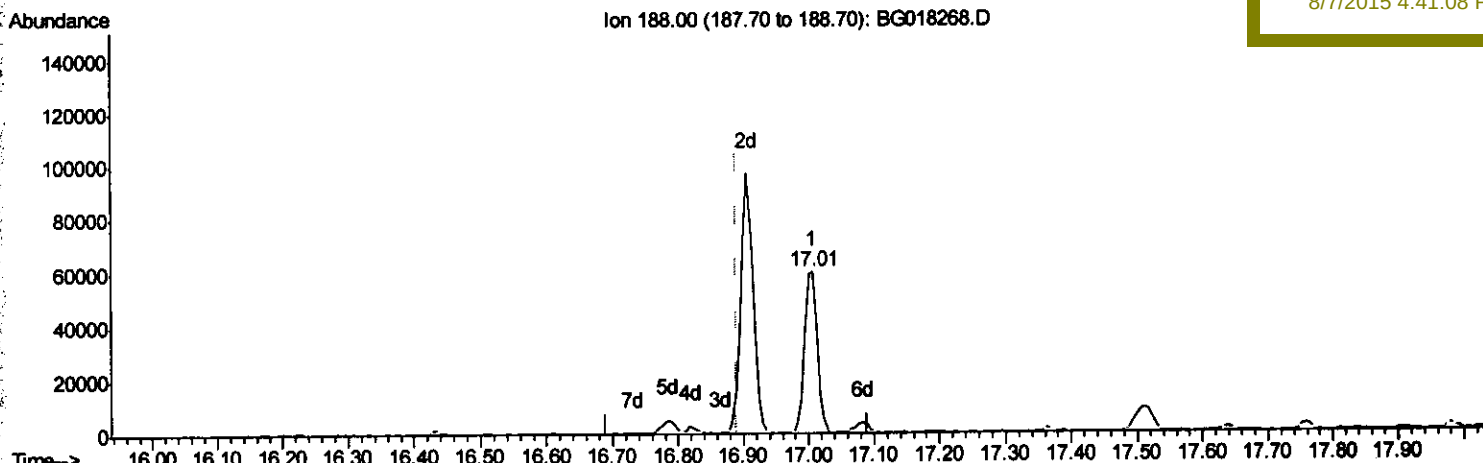
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 02:32:10 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.006min (+0.117) 20.00ng/ul

response 81712

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	7.07
80.00	7.40	6.24
0.00	0.00	0.00

Quantitation Report (Qedit)

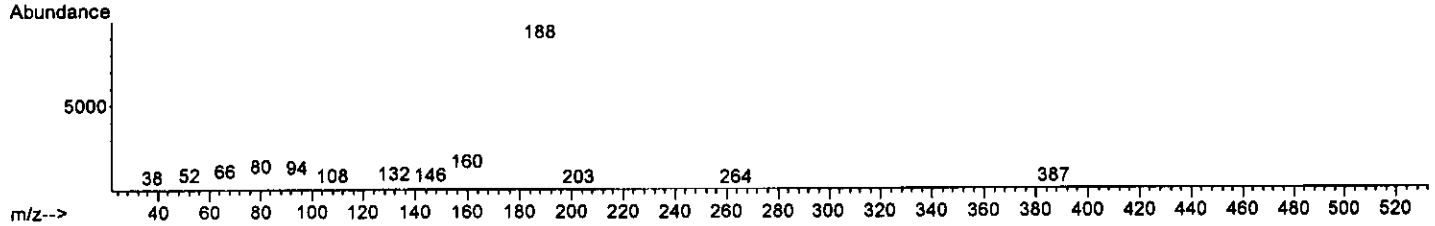
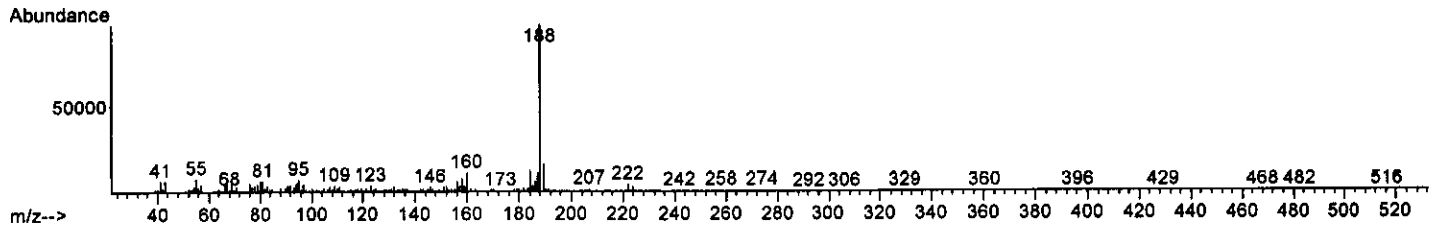
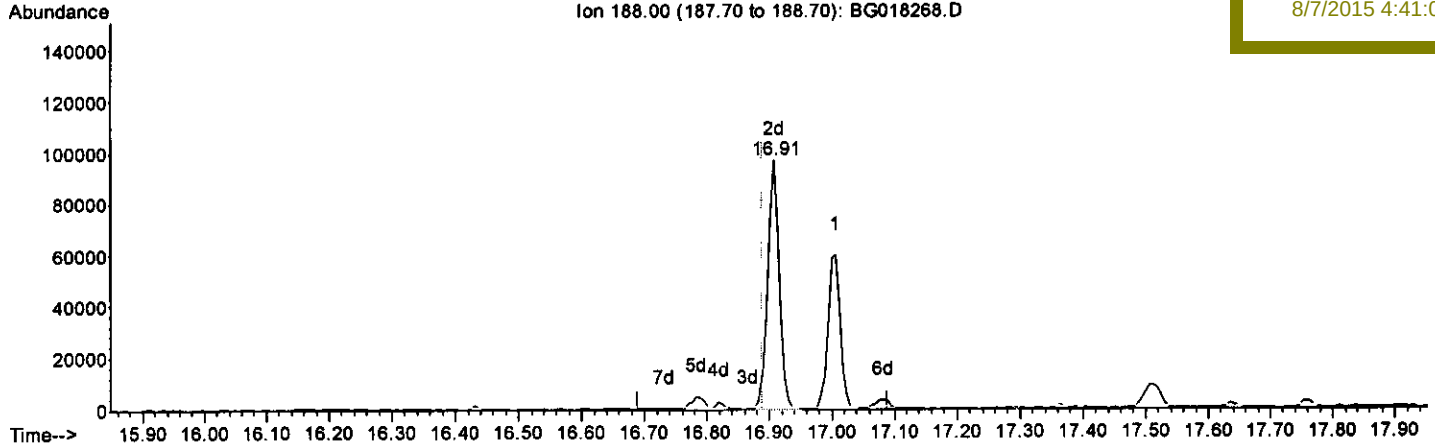
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 05 05:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Manual Integrations
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TIC: BG018268.D

(62) Phenanthrene-d10 (I)

16.906min (+0.017) 20.00ng/ul m

response 126532

Ion	Exp%	Act%
188.00	100	100
94.00	7.90	5.17#
80.00	7.40	6.22
0.00	0.00	0.00

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Quantitation Report (Qedit)

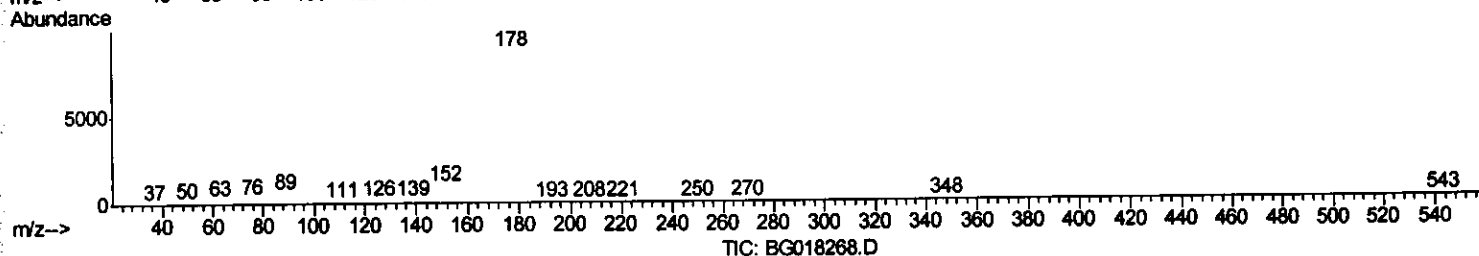
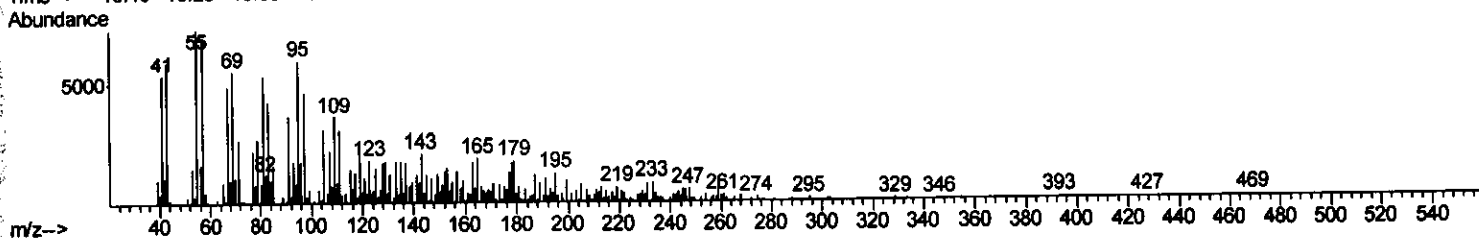
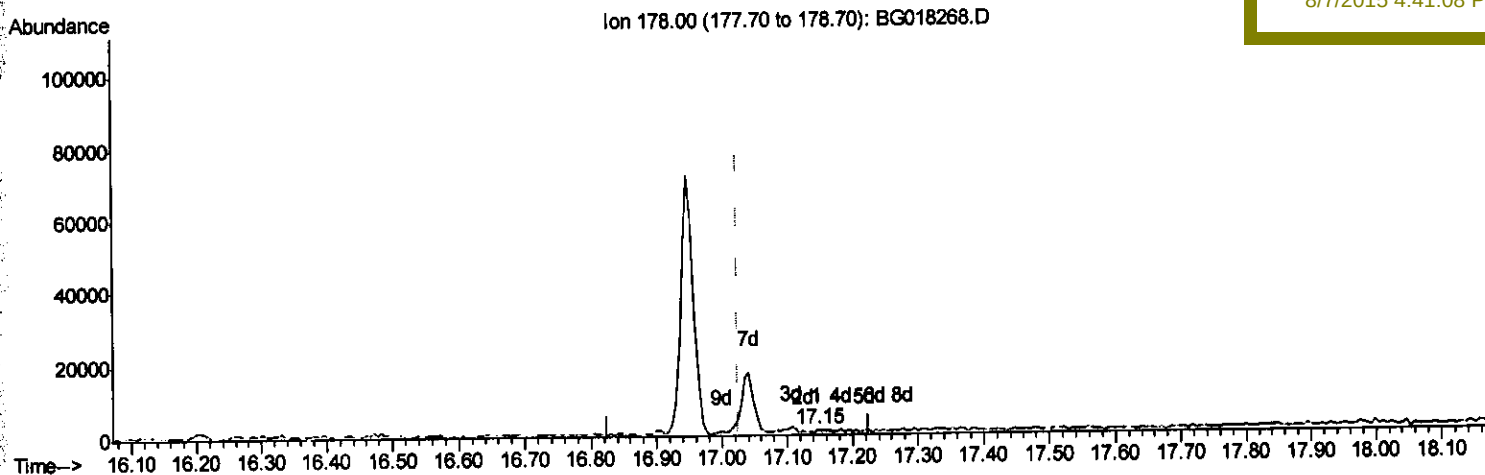
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(72) Anthracene

17.147min (+0.123) 0.21ng/ul

response 1320

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	104.91#
176.00	18.50	39.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

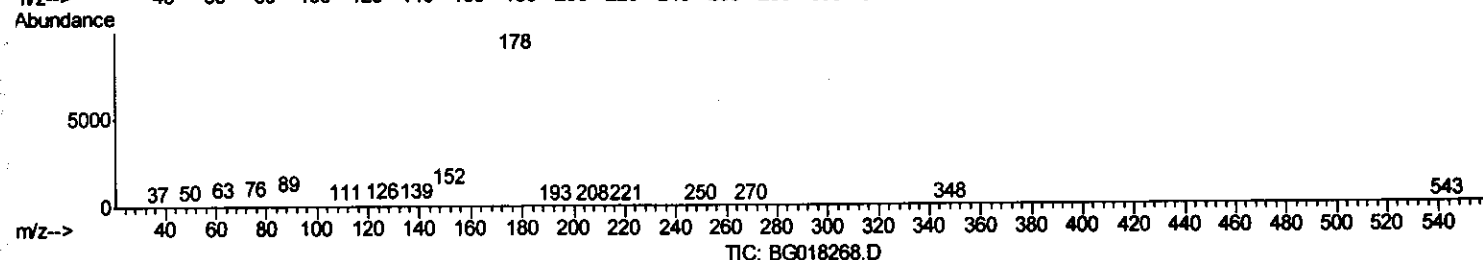
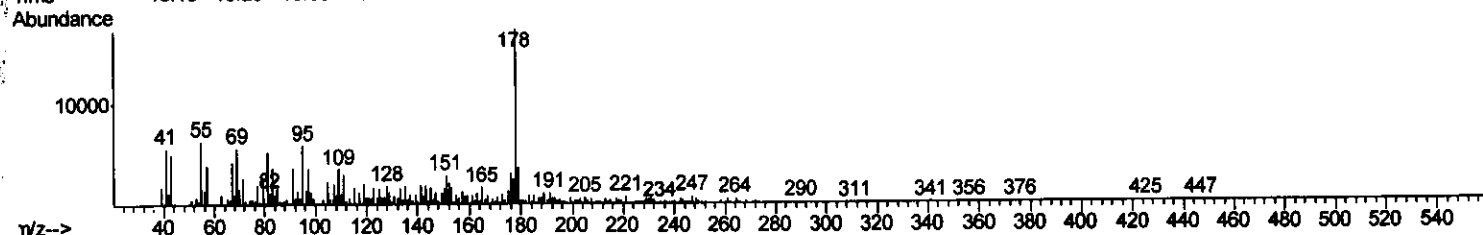
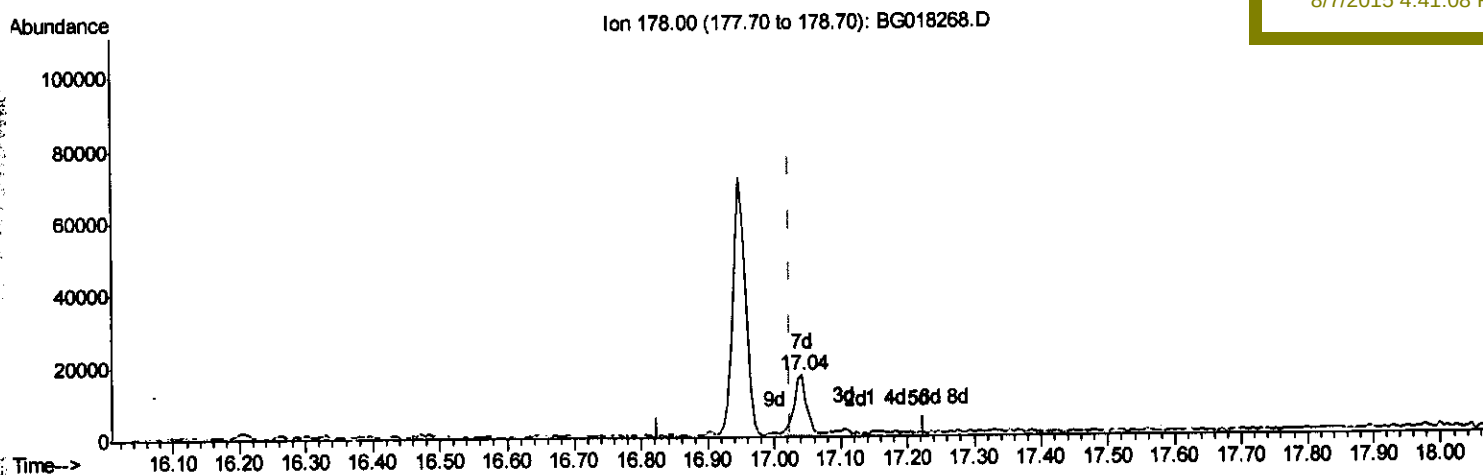
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(72) Anthracene

17.041min (+0.017) 3.32ng/ul m

response 21260

Ion Exp% Act%

178.00 100 100

179.00 15.20 21.69%

176.00 18.50 18.23

0.00 0.00 0.00

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Quantitation Report (Qedit)

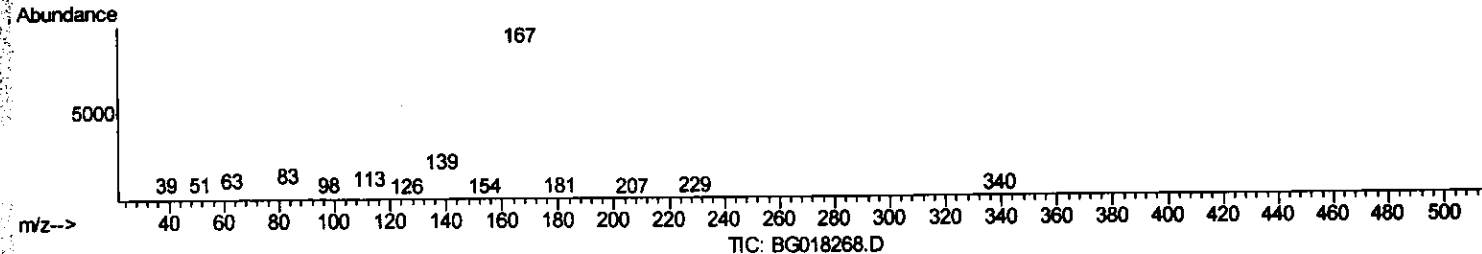
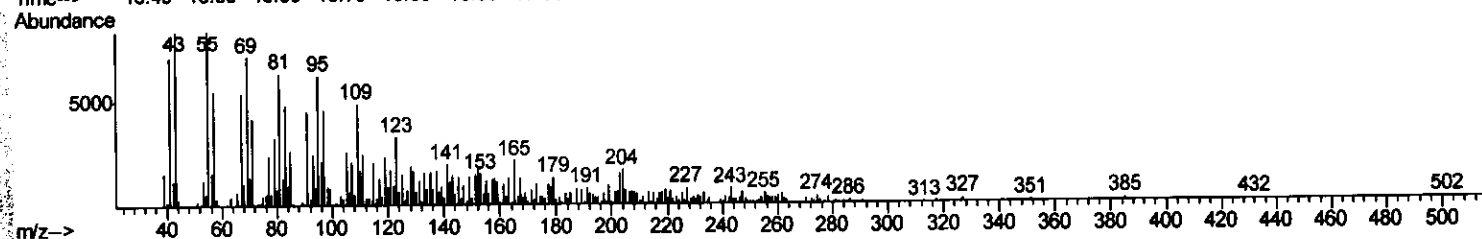
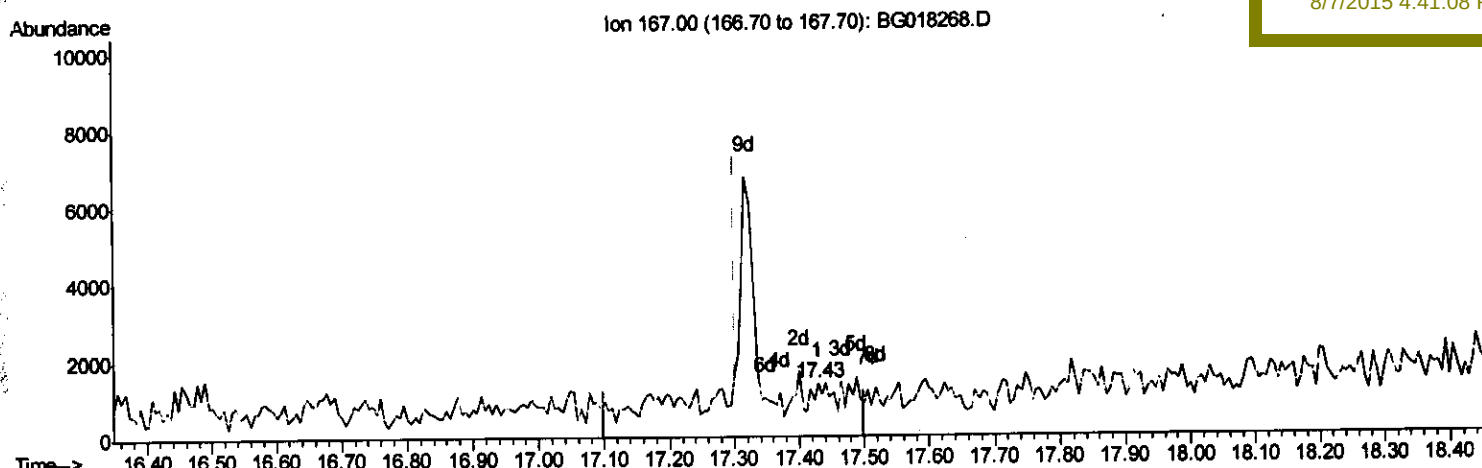
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.429min (+0.128) 0.26ng/ul

response 1393

Ion	Exp%	Act%
167.00	100	100
166.00	21.90	39.91#
139.00	12.60	72.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

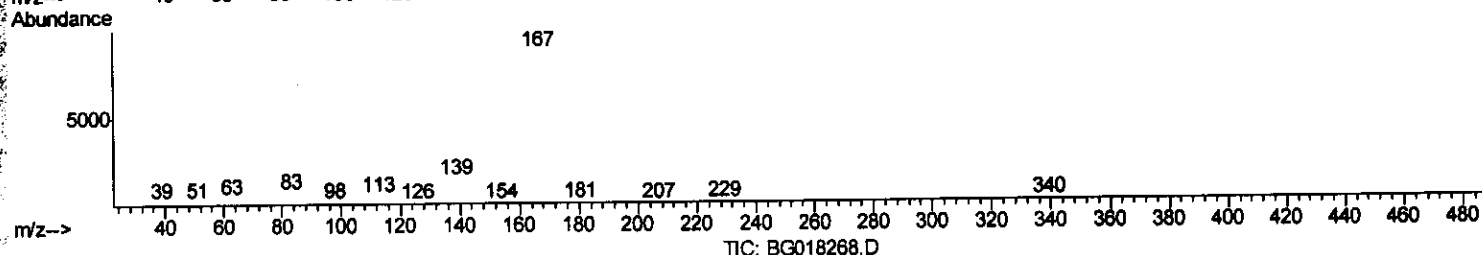
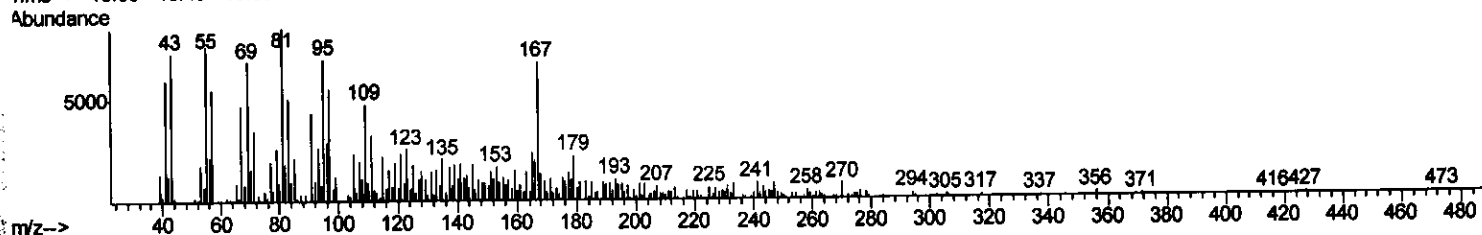
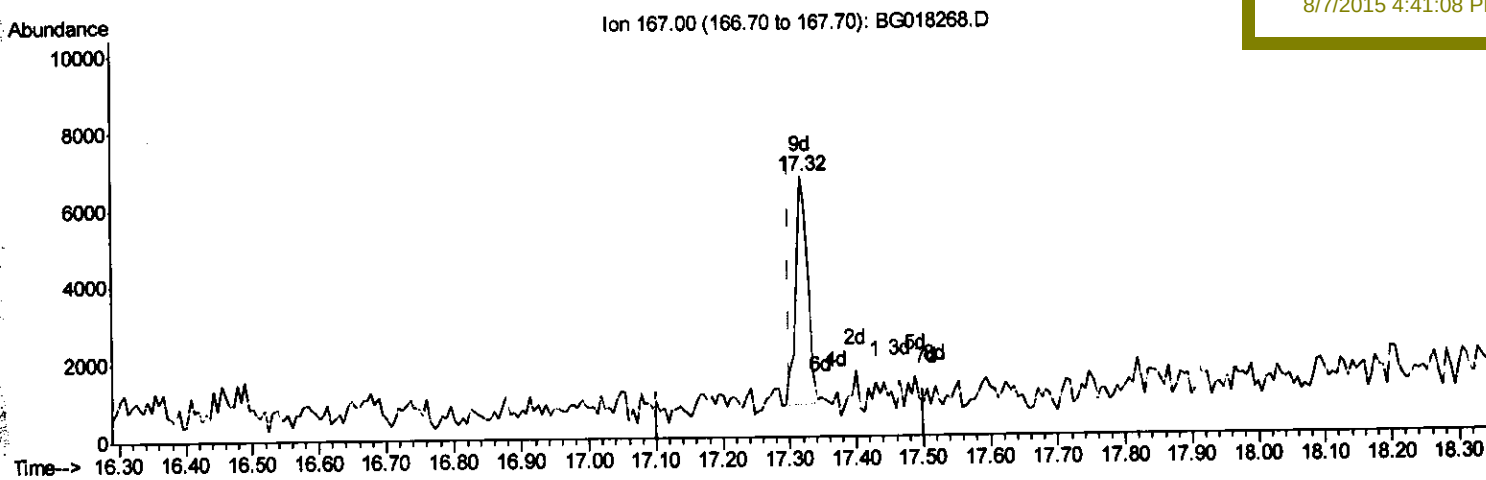
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(75) Carbazole

17.317min (+0.017) 1.37ng/ul m

response 7297

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Ion	Exp%	Act%
167.00	100	100
166.00	21.90	30.63#
139.00	12.60	27.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

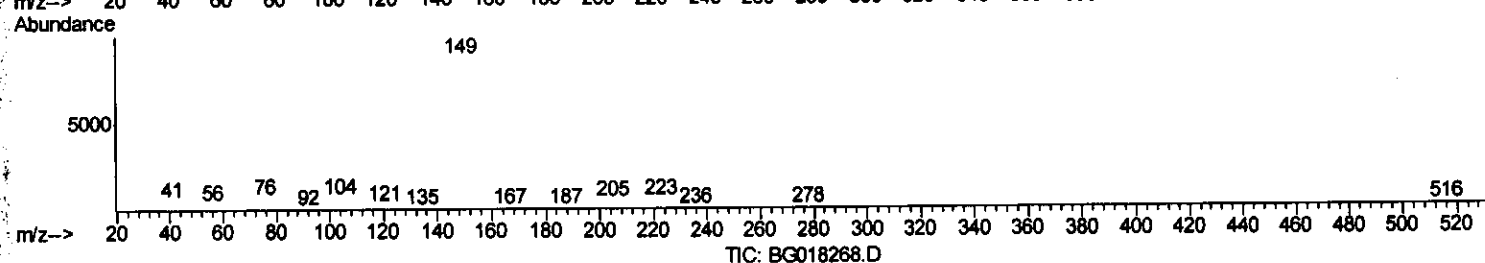
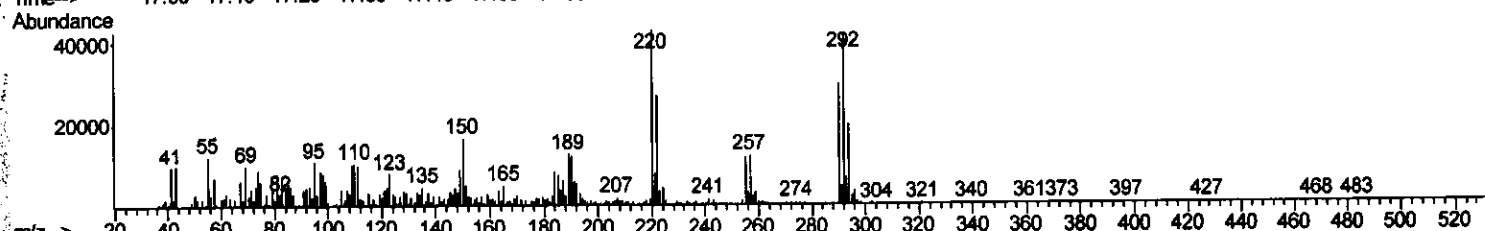
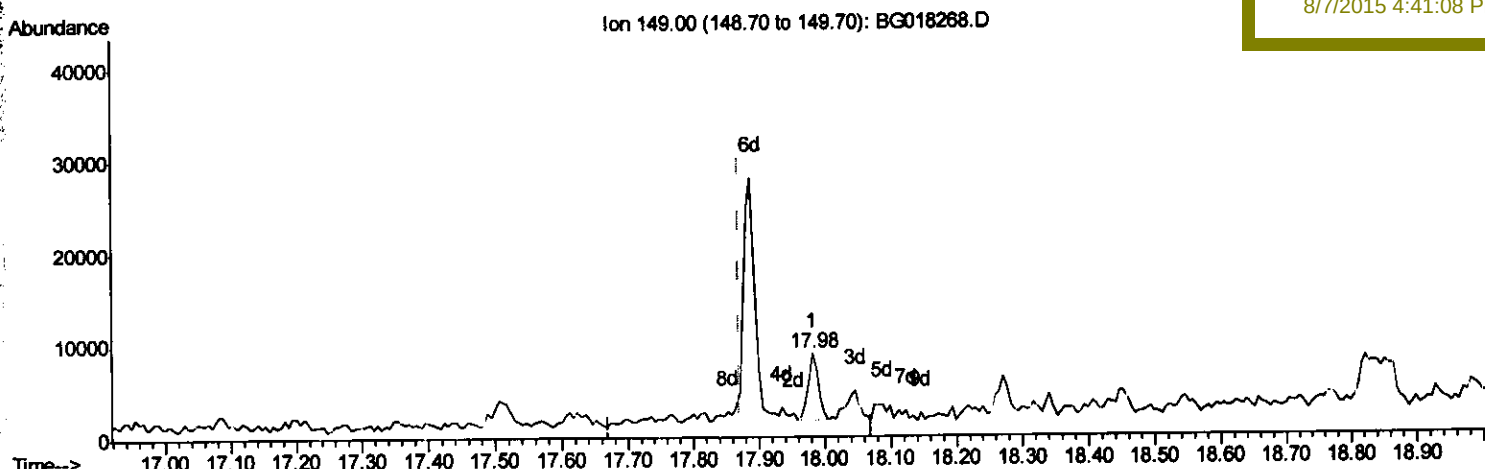
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(76) Di-n-butylphthalate

17.981min (+0.111) 1.12ng/ul

response 7952

Ion	Exp%	Act%
149.00	100	100
150.00	9.60	183.31#
104.00	4.50	4.85
0.00	0.00	0.00

Quantitation Report (Qedit)

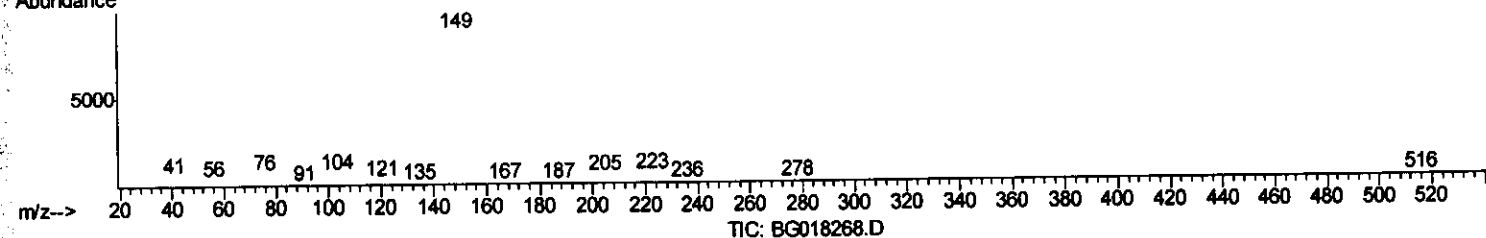
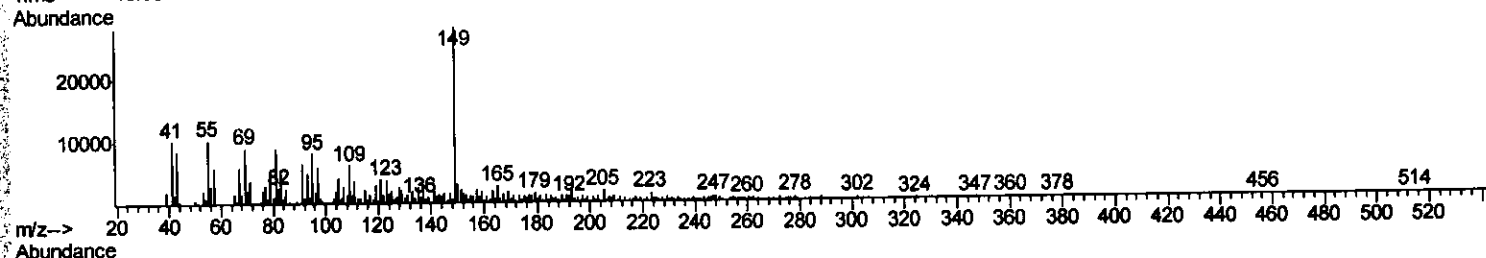
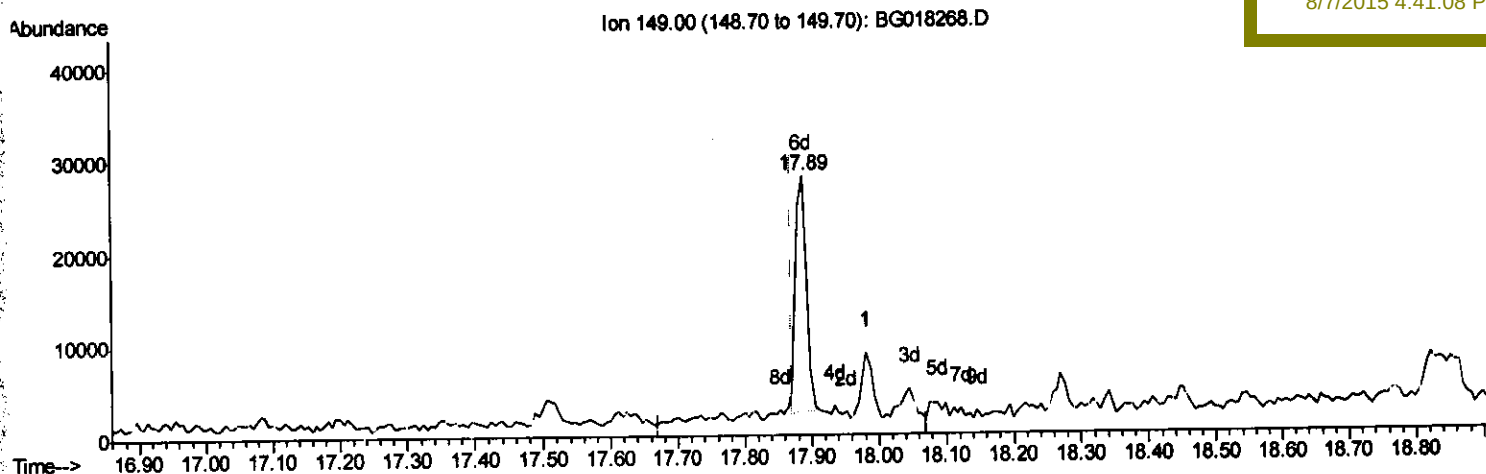
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(76) Di-n-butylphthalate

17.887min (+0.017) 4.20ng/ul m

response 29662

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Ion	Exp%	Act%
149.00	100	100
150.00	9.60	11.33
104.00	4.50	7.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

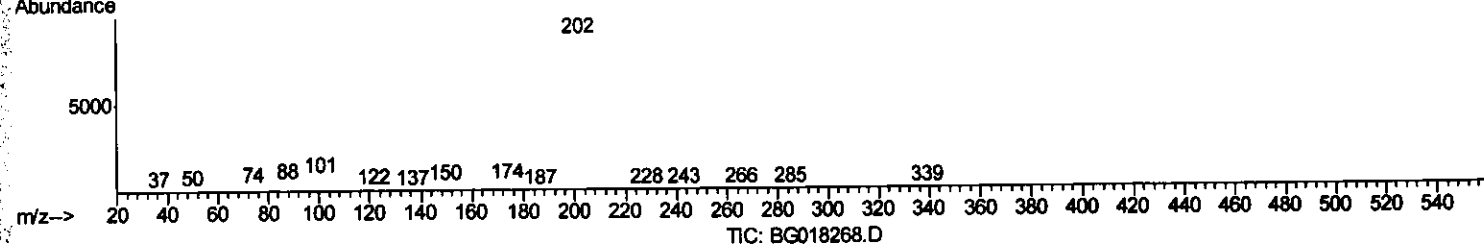
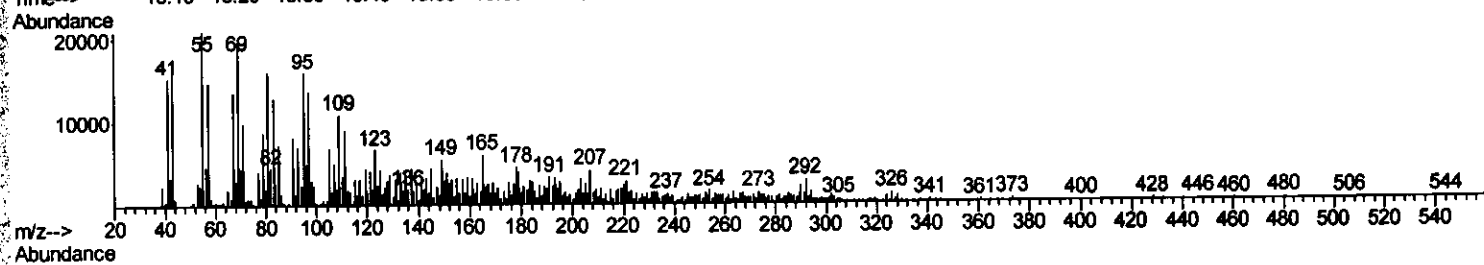
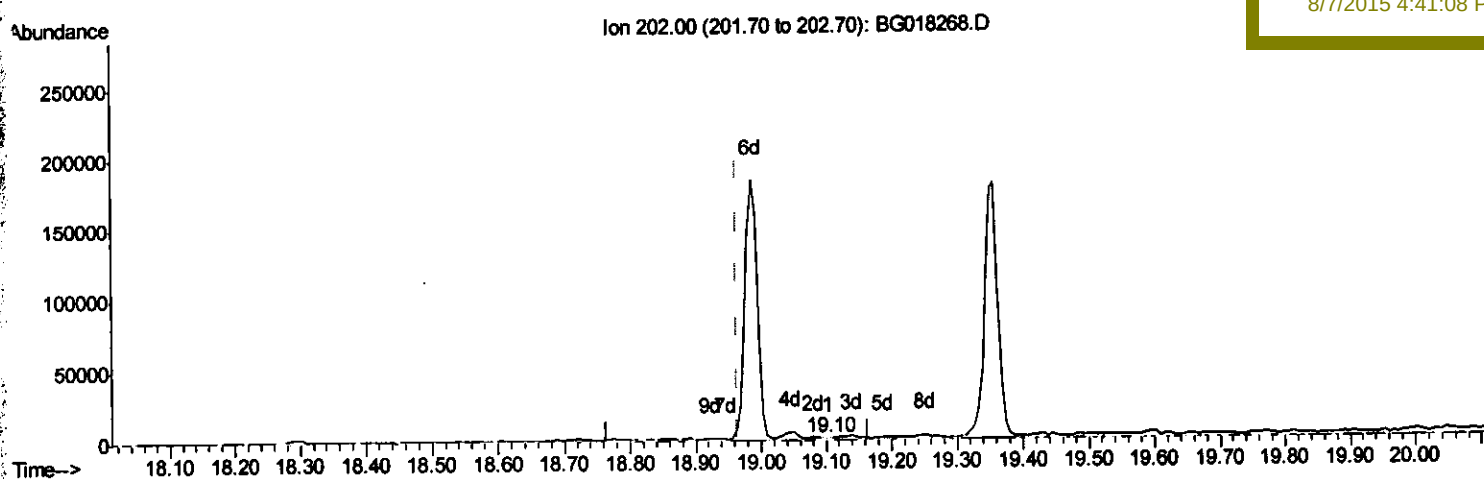
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018268.D
Acq On : 5 Aug 2015 00:45
Operator : UM/TP
Sample : G3109-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8

Quant Time: Aug 05 05:48:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

19.104min (+0.140) 0.05ng/ul

response 329

Ion	Exp%	Act%
202.00	100	100
101.00	9.40	16.64#
100.00	6.90	19.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

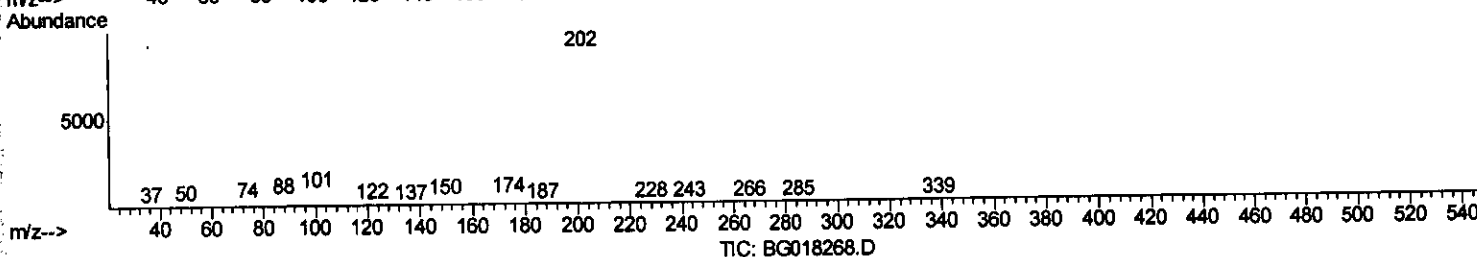
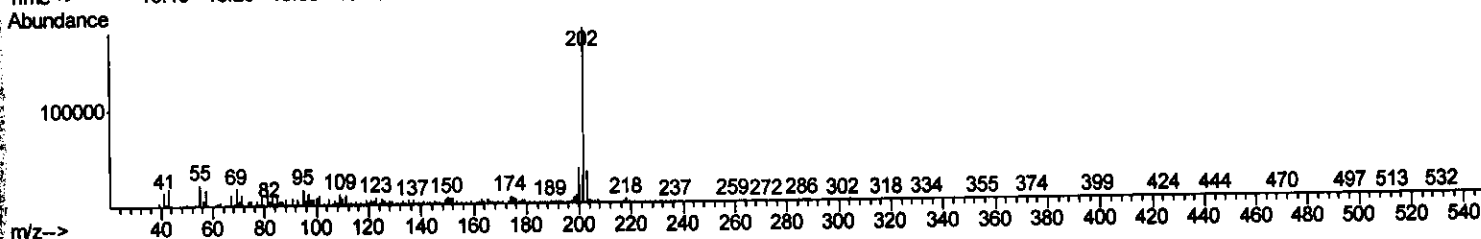
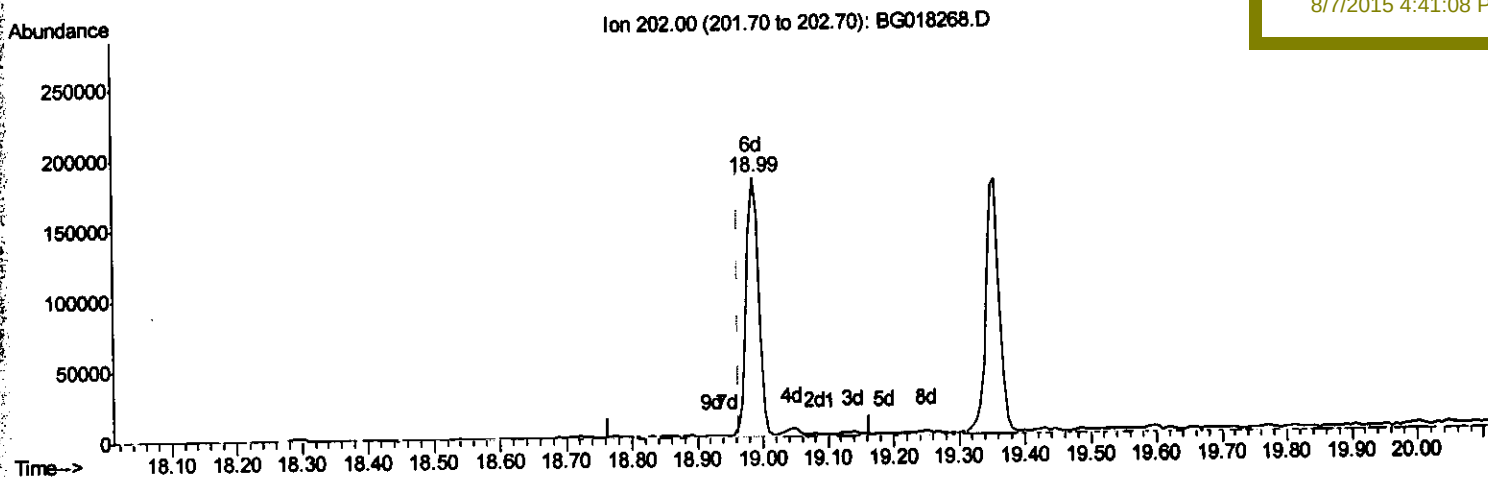
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

18.986min (+0.023) 34.43ng/ul m

response 243087

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Ion	Exp%	Act%
202.00	100	100
101.00	9.40	5.85#
100.00	6.90	4.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

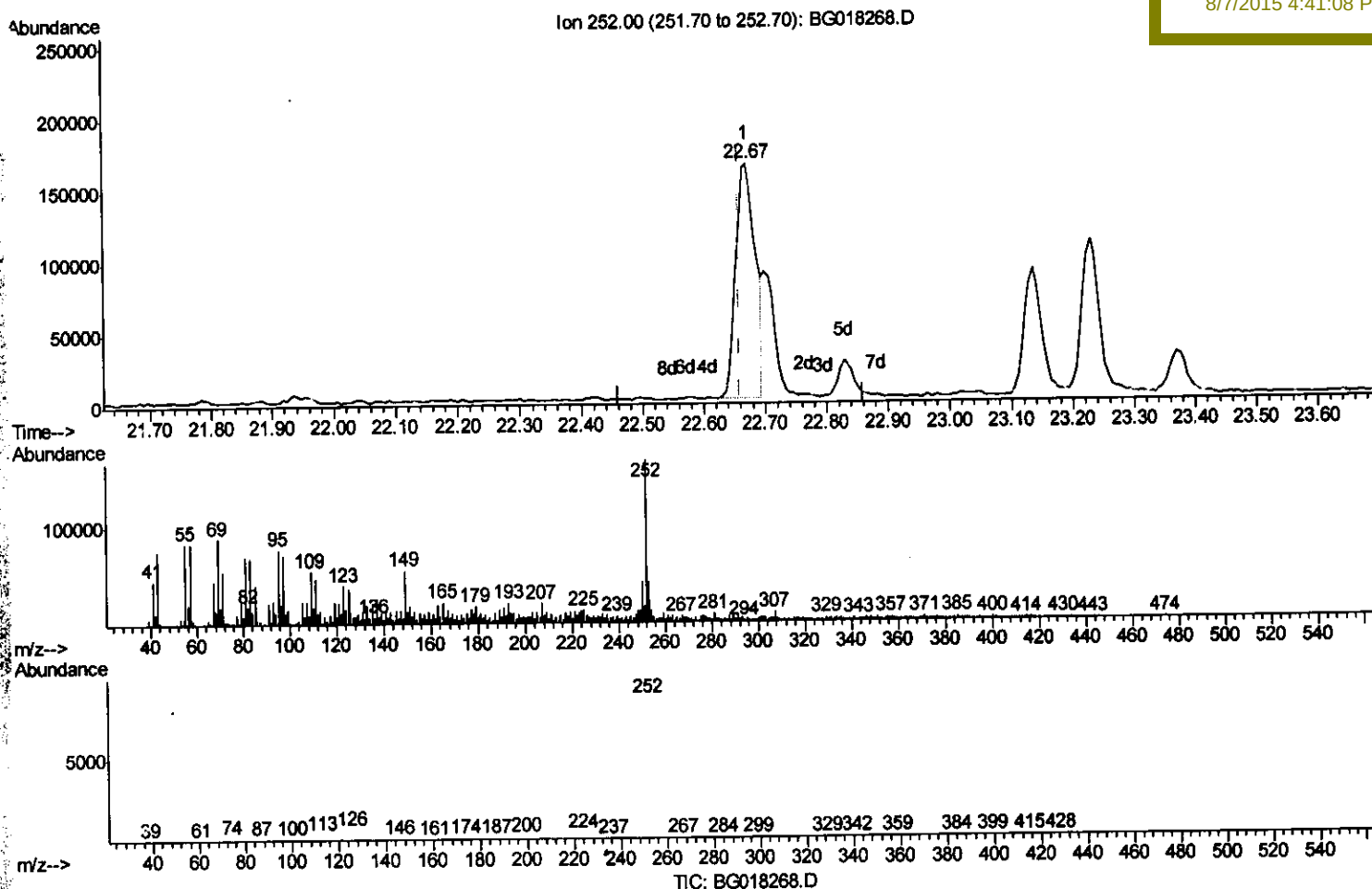
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018268.D
Acq On : 5 Aug 2015 00:45
Operator : UM/TP
Sample : G3109-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 05 05:48:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01P8

Manual Integrations
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(89) Benzo(k)fluoranthene

22.670min (+0.011) 33.07ng/ul

response 369220

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.42
125.00	9.40	22.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

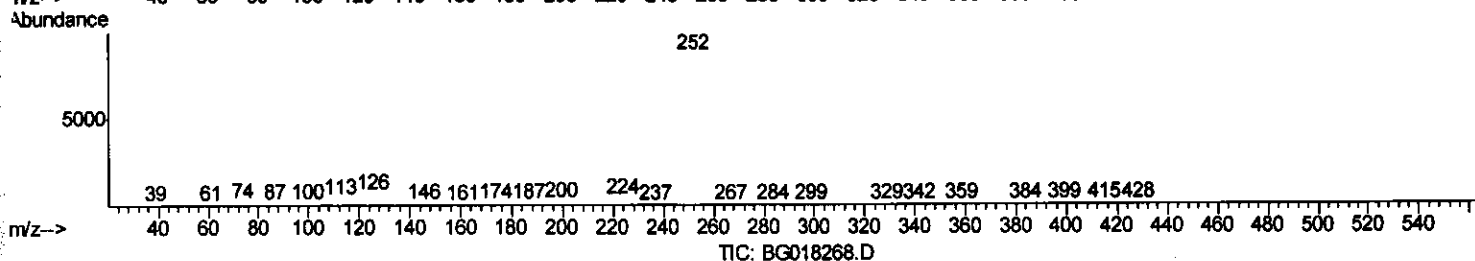
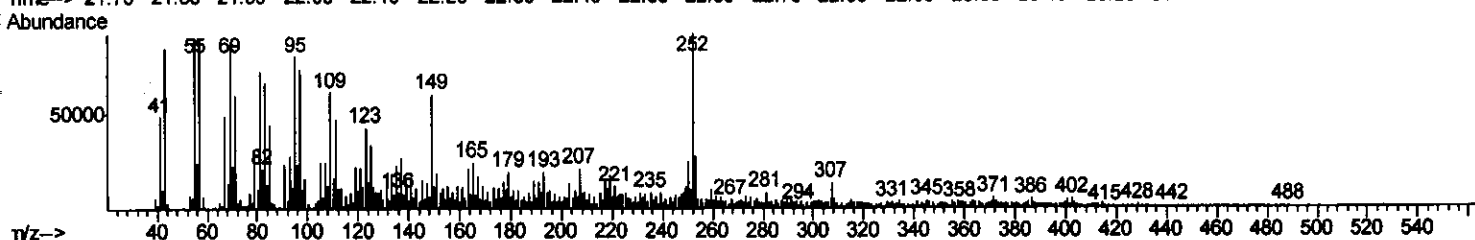
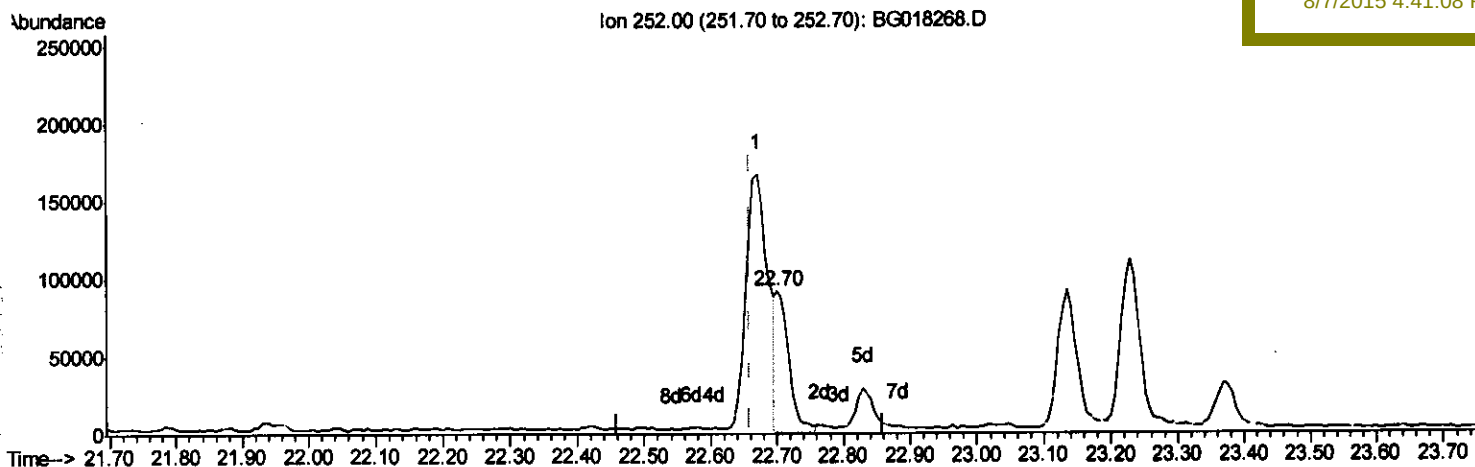
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P8

Quant Time: Aug 05 05:48:28 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:27:11 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

22.699min (+0.040) 11.35ng/ul m

response 126753

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Ion	Exp%	Act%
252.00	100	100
253.00	22.70	30.05#
125.00	9.40	36.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
 Data File : BG018268.D
 Acq On : 5 Aug 2015 00:45
 Operator : UM/TP
 Sample : G3109-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 C01P8

Quant Time: Aug 05 05:51:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	38554	20.00	ng/ul	0.01
18) Naphthalene-d8	10.24	136	184660	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.14	164	104625	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.91	188	126532m	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	200533	20.00	ng/ul	0.02
86) Perylene-d12	23.32	264	202241	20.00	ng/ul	0.06

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System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	887	1.74	ng/uL	0.01
5) Phenol-d5	6.67	99	47958	13.83	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	23642	13.34	ng/ul	0.01
9) 2-Chlorophenol-d4	7.00	132	41358	15.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	35464	12.56	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	22473	15.45	ng/ul	0.01
22) 2-Nitrophenol-d4	9.34	143	26689	15.99	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.89	165	42918	14.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.40	131	16525	4.49	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	131096	16.22	ng/ul	0.01
47) Acenaphthylene-d8	13.83	160	142068	15.15	ng/ul	0.02
52) 4-Nitrophenol-d4	14.40	143	14380	9.61	ng/ul	0.02
58) Fluorene-d10	15.14	176	98728	13.49	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.01	188	81736	14.86	ng/ul	0.02
79) Pyrene-d10	19.32	212	97524	10.05	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.18	264	167671	16.39	ng/ul	0.05

Target Compounds

					Qvalue
28) Naphthalene	10.30	128	24038	2.70 ng/ul	99
34) 2-Methylnaphthalene	11.92	142	17138	2.44 ng/ul	91
35) 1-Methylnaphthalene	12.15	142	10546	1.56 ng/ul	91
45) Dimethylphthalate	13.60	163	58831	7.31 ng/ul	99
50) Acenaphthene	14.21	153	14691	2.42 ng/ul#	82
54) Dibenzofuran	14.55	168	13649	1.49 ng/ul#	75
59) Fluorene	15.20	166	13798	1.75 ng/ul#	93
70) Phenanthrene	16.95	178	95268	14.82 ng/ul	98
72) Anthracene	17.04	178	21260m	3.32 ng/ul	
75) Carbazole	17.32	167	7297m	1.37 ng/ul	
76) Di-n-butylphthalate	17.89	149	29662m	4.20 ng/ul	
77) Fluoranthene	18.99	202	243087m	34.43 ng/ul	
80) Pyrene	19.36	202	251011	20.64 ng/ul#	88
81) Butylbenzylphthalate	20.26	149	83371	16.87 ng/ul#	74
83) Benzo(a)anthracene	21.11	228	193112	17.88 ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.05	149	2527271	379.13 ng/ul#	67
85) Chrysene	21.16	228	208326	21.06 ng/ul#	91
88) Benzo(b)fluoranthene	22.67	252	369220	30.39 ng/ul#	86
89) Benzo(k)fluoranthene	22.70	252	126753m	11.35 ng/ul	
91) Benzo(a)pyrene	23.23	252	213108	19.61 ng/ul#	78
92) Indeno(1,2,3-cd)pyrene	25.54	276	105686	8.40 ng/ul#	90
94) Benzo(g,h,i)perylene	26.23	276	91882	8.95 ng/ul	94

T.P.
 8/8/15

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 8/8/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018268.D
Acq On : 5 Aug 2015 00:45
Operator : UM/TP
Sample : G3109-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P8

Quant Time: Aug 05 05:51:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
8/7/2015 4:41:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed