

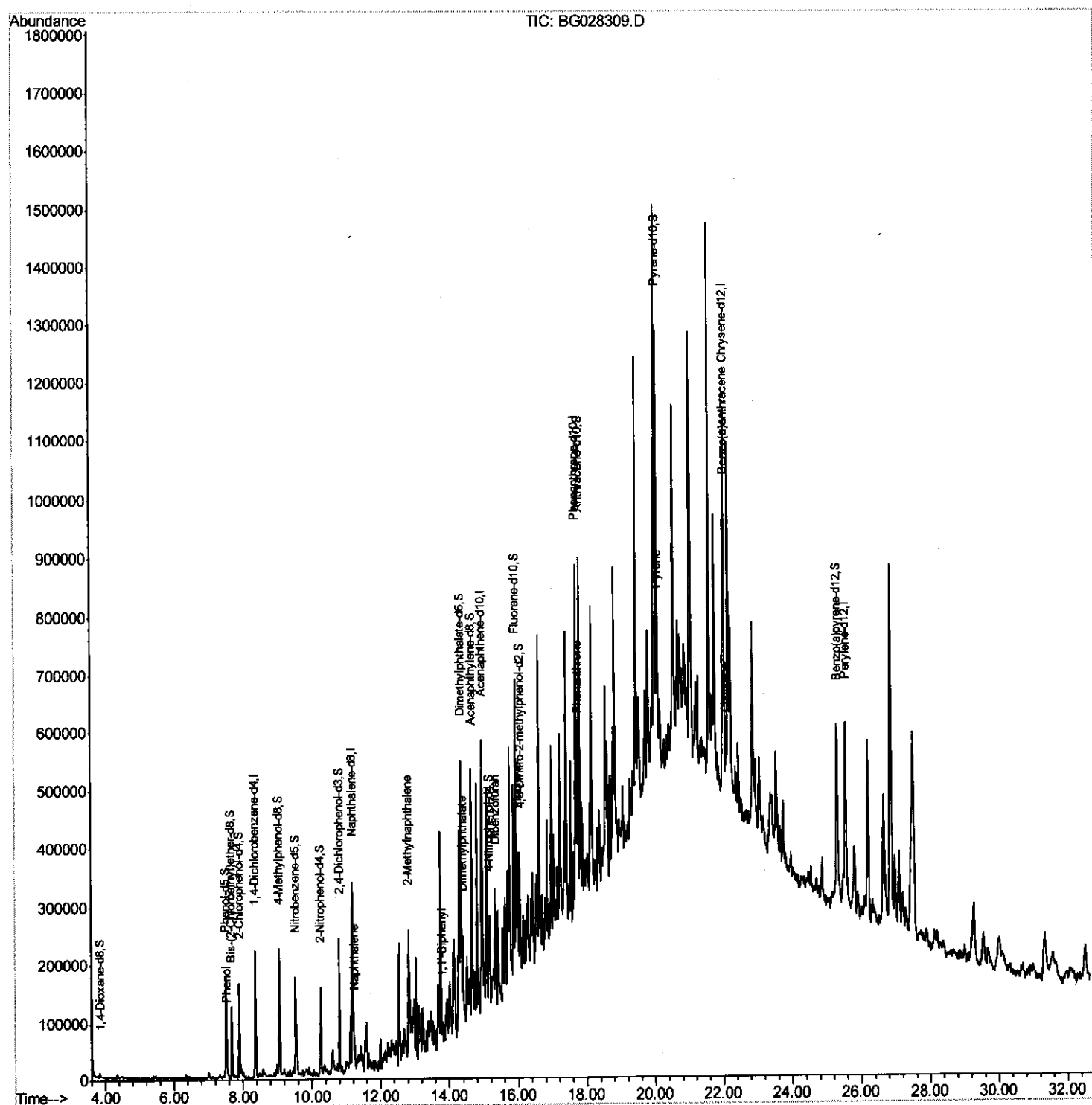
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AA9

Manual Integrations
APPROVED

sohil
8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:11:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

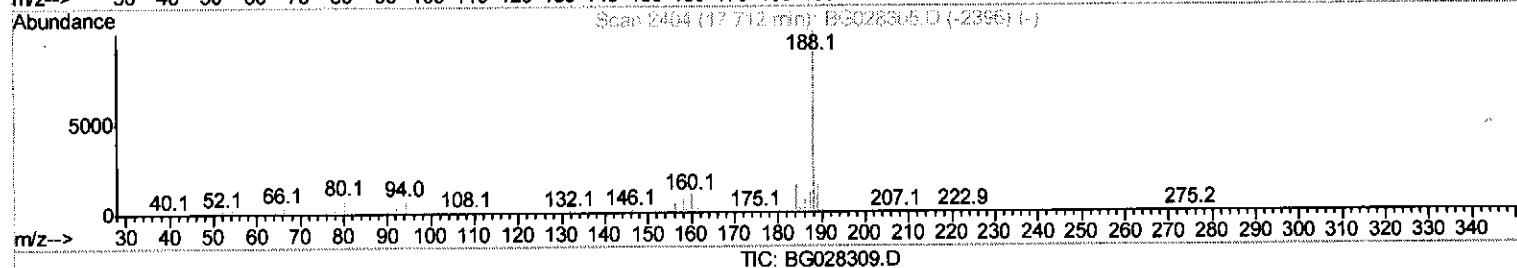
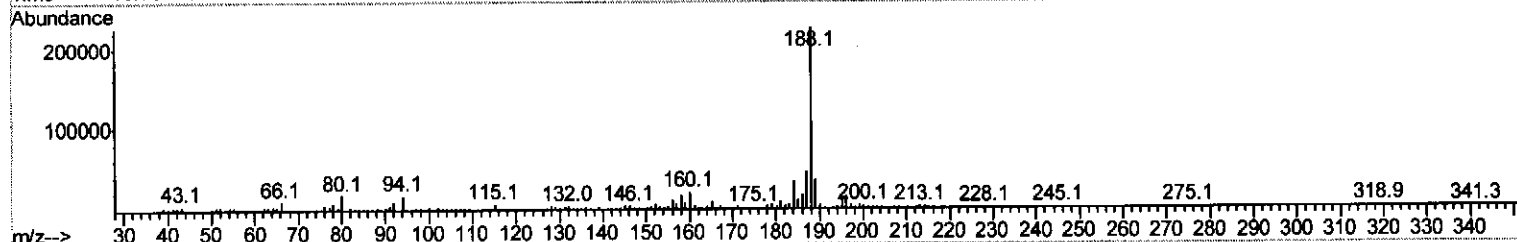
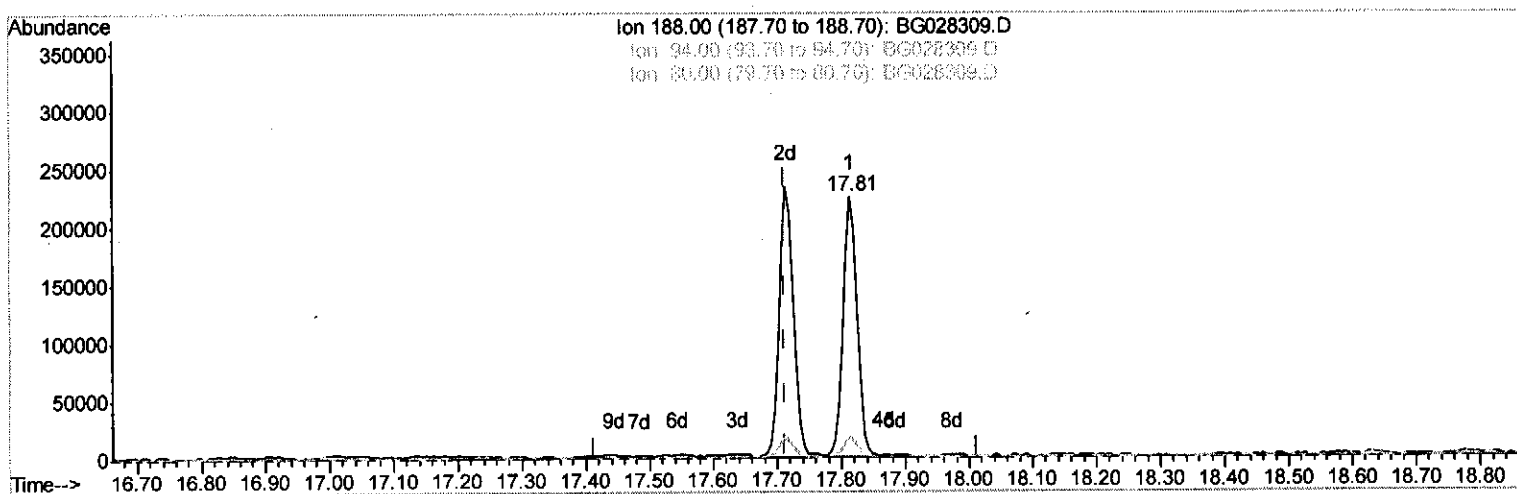
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Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.814min (+0.101) 20.00ng/ul

response 341089

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.79
80.00	9.50	7.98
0.00	0.00	0.00

Quantitation Report (Qedit)

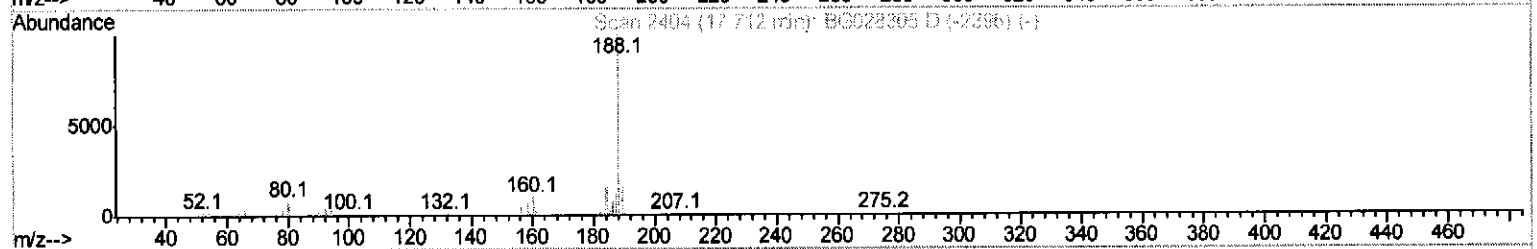
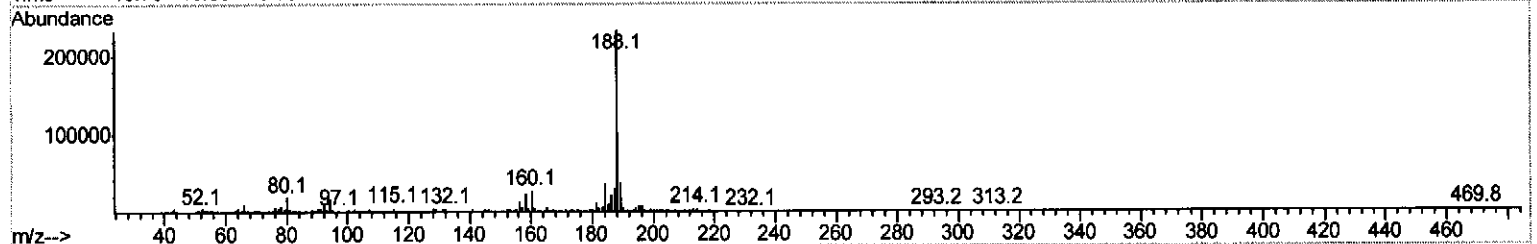
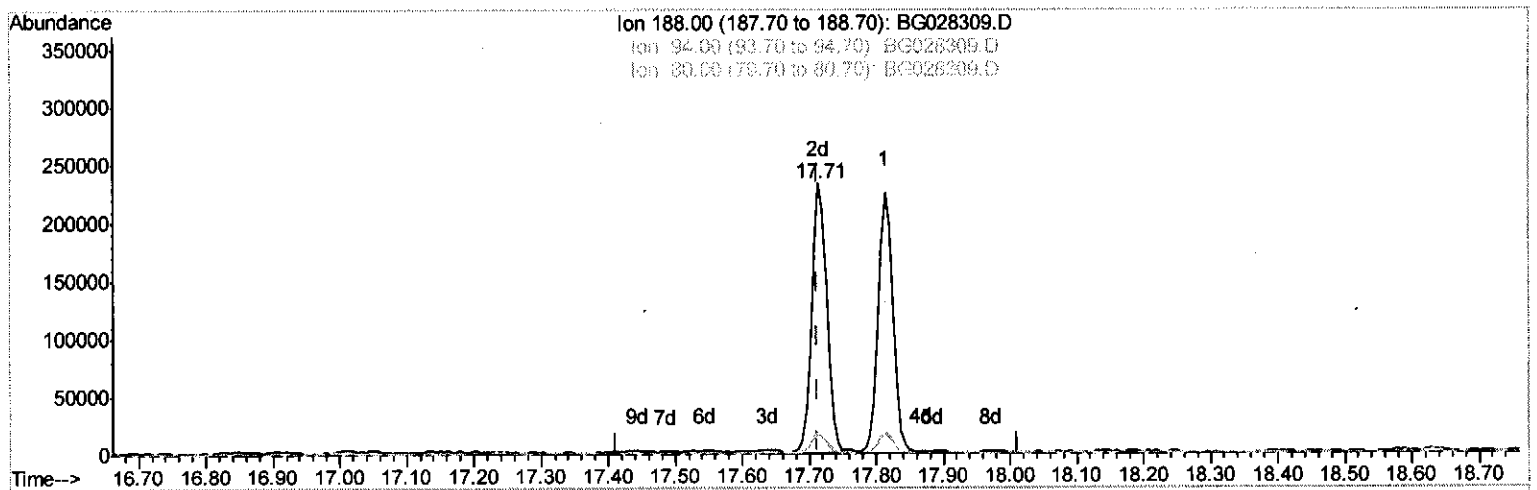
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Manual Integrations
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Response via : Initial Calibration



TIC: BG028309.D

(61) Phenanthrene-d10 (I)

17.714min (+0.001) 20.00ng/ul m

response 364089

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.96#
80.00	9.50	8.19
0.00	0.00	0.00

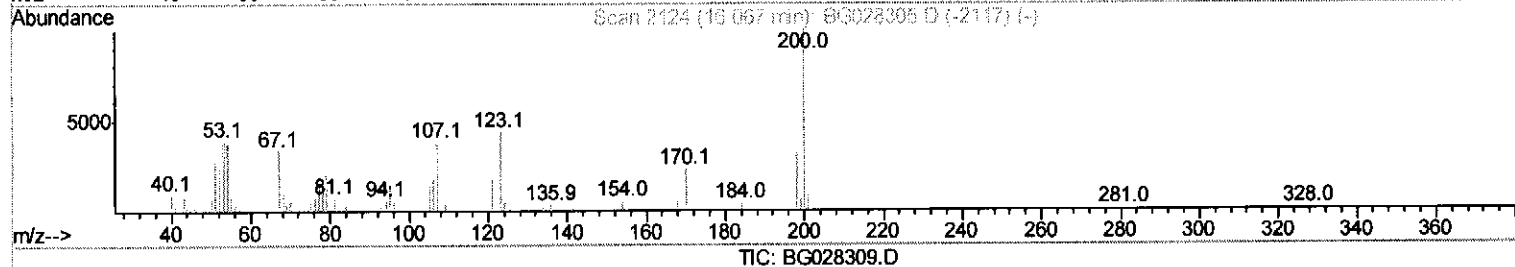
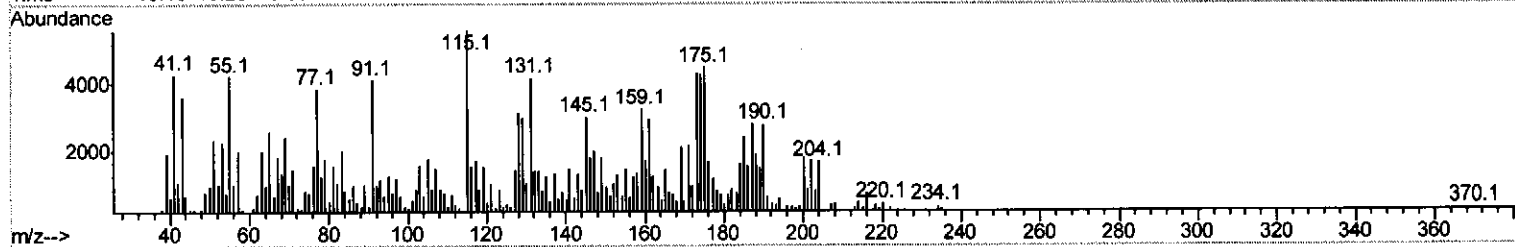
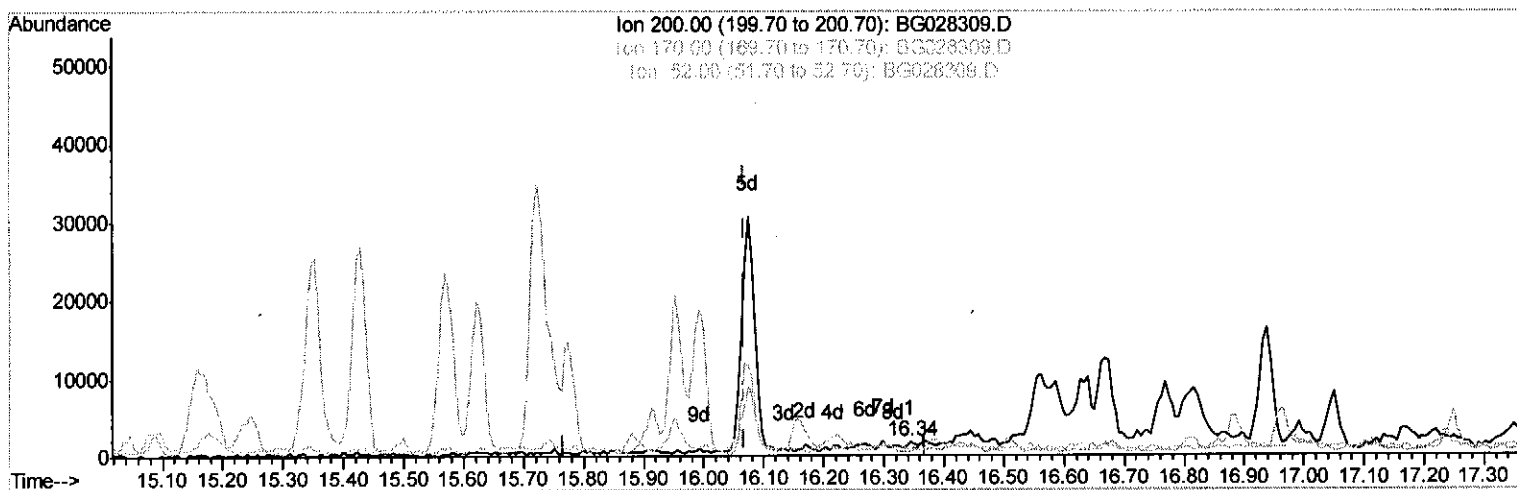
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Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AA9

Manual Integrations
APPROVED

sohil
8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:09:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



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

16.345min (+0.277) 0.29ng/ul

response 676

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.99
52.00	47.20	52.31
0.00	0.00	0.00

Quantitation Report (Qedit)

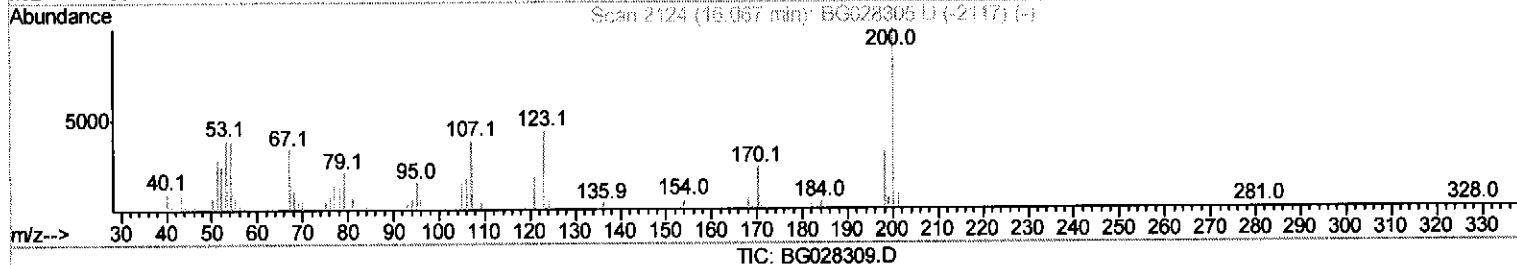
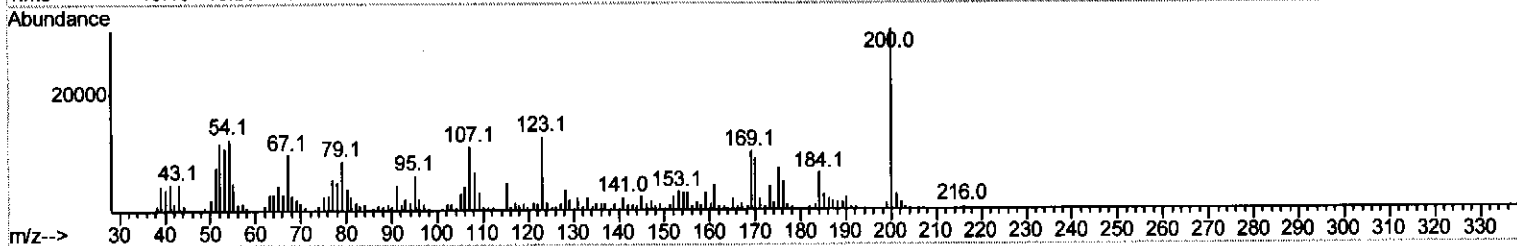
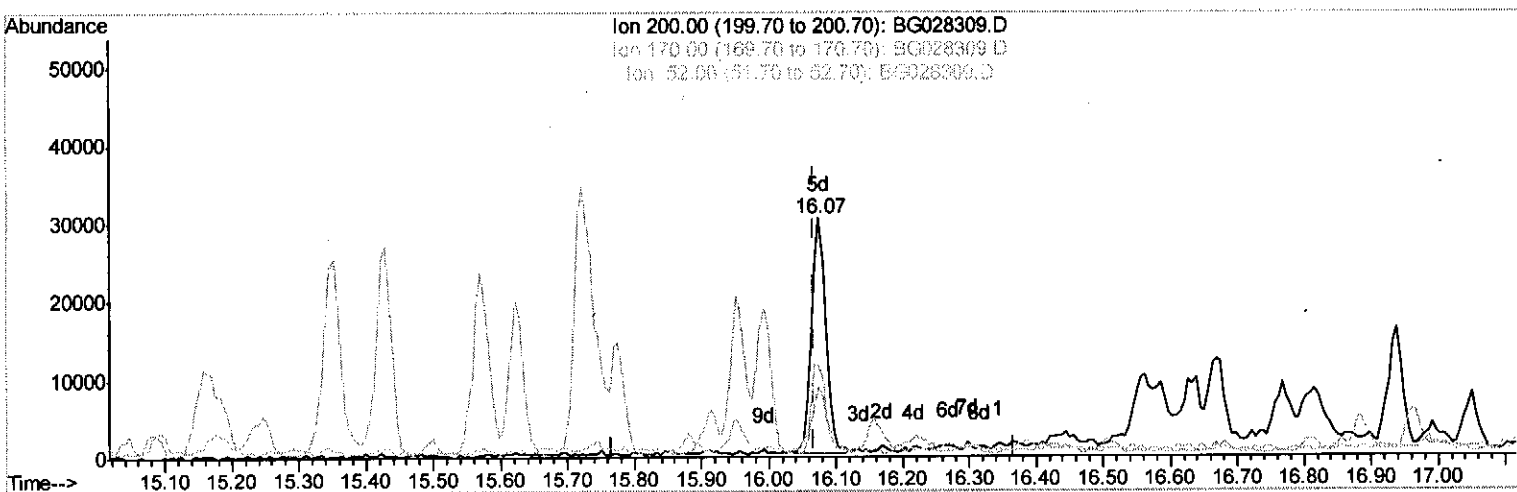
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AA9

Manual Integrations
APPROVED

sohil
8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:09:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



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

16.075min (+0.007) 18.96ng/ul m

response 44838

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	29.40#
52.00	47.20	38.30
0.00	0.00	0.00

Quantitation Report (Qedit)

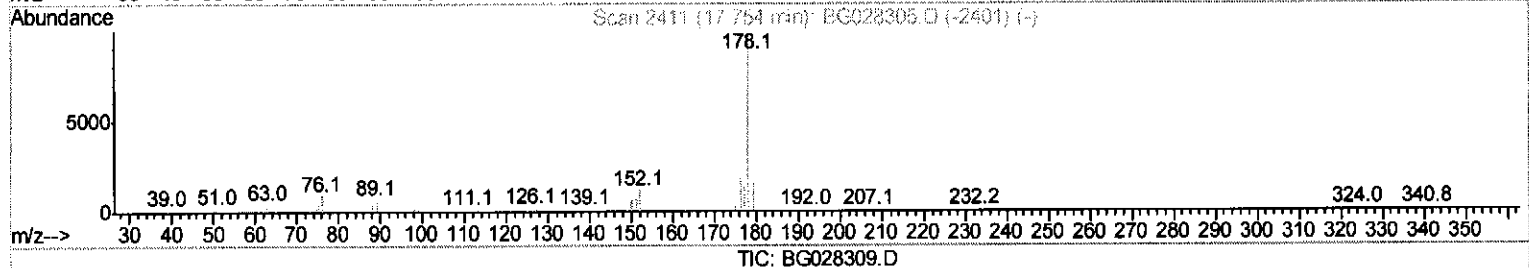
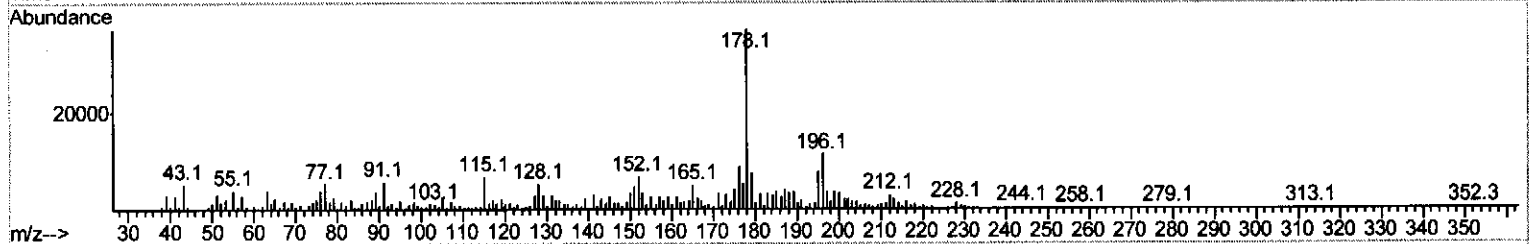
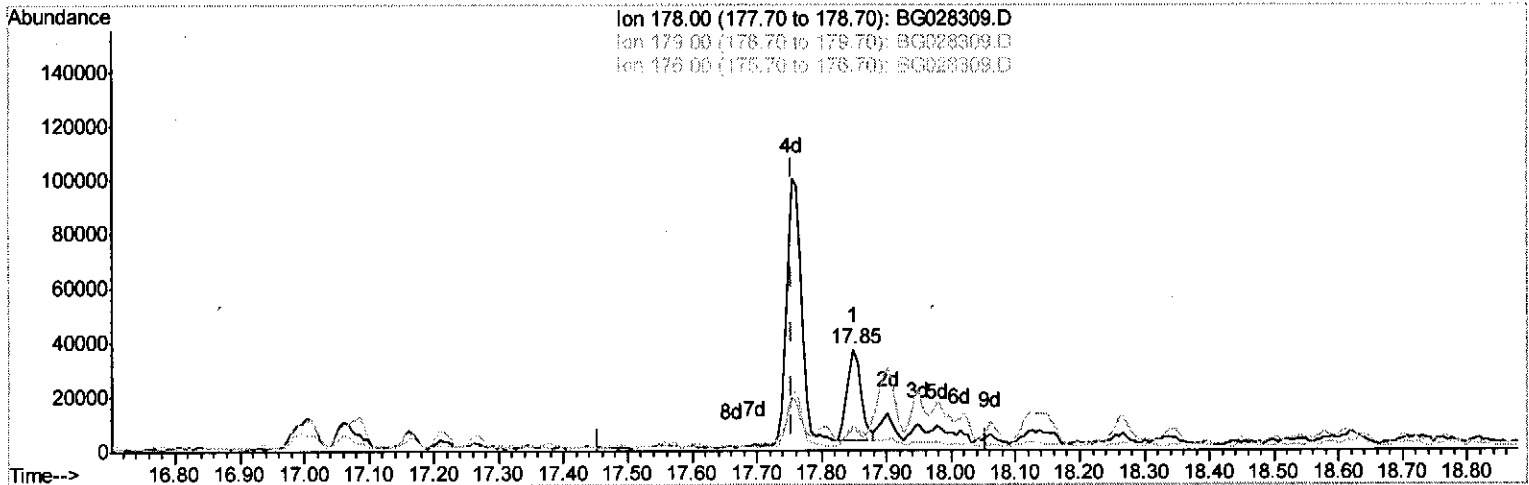
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AA9

Manual Integrations
APPROVED

sohil
8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:10:34 2017
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(69) Phenanthrene

17.849min (+0.095) 2.70ng/ul

response 49553

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	20.18#
176.00	20.60	23.45
0.00	0.00	0.00

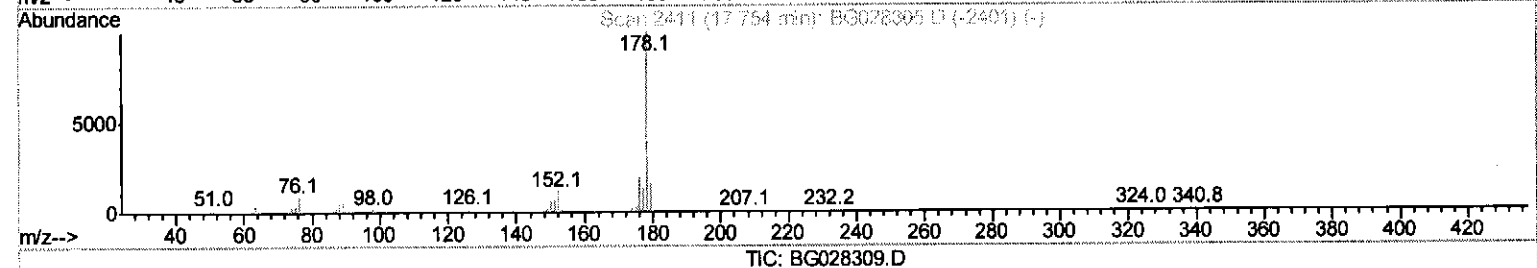
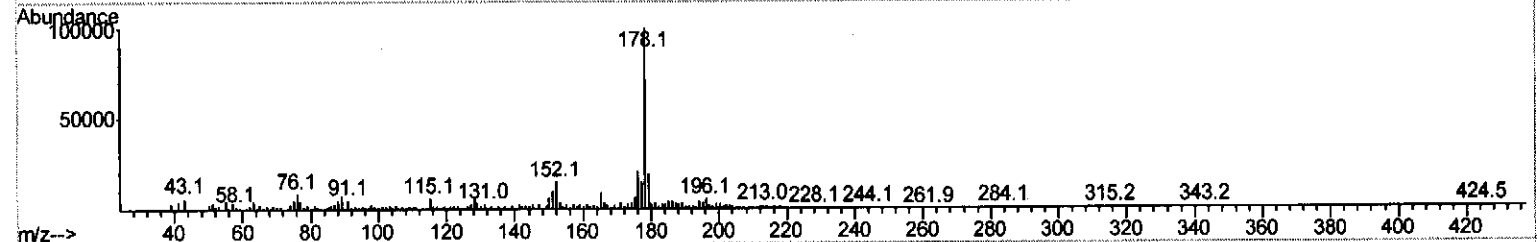
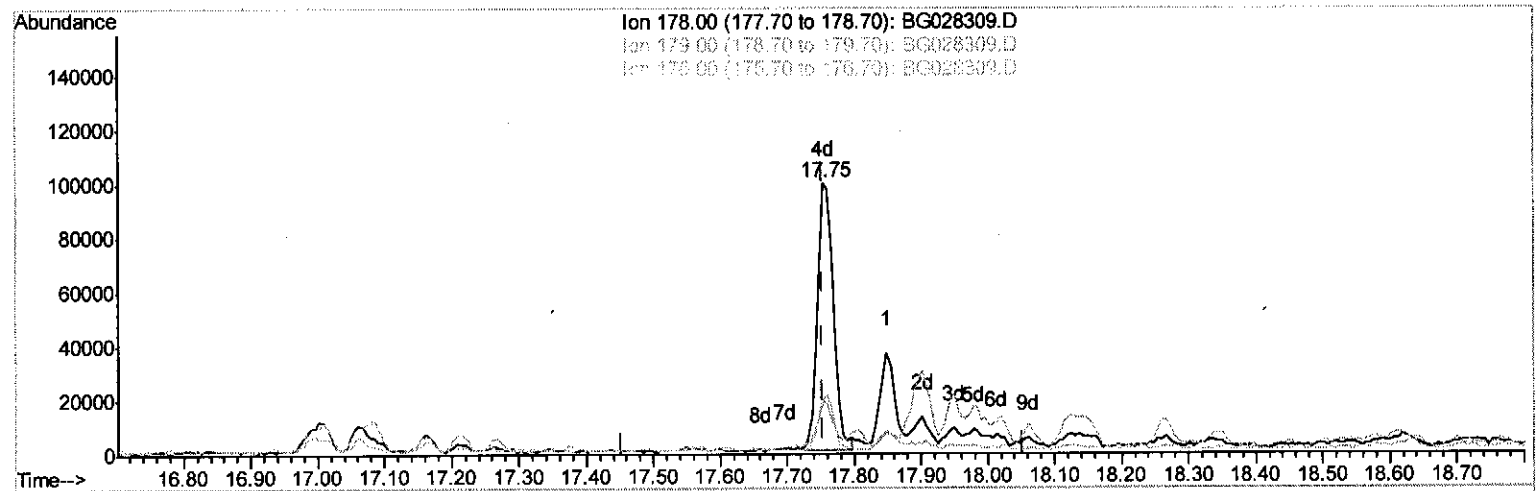
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
Data File : BG028309.D
Acq On : 12 Aug 2017 4:11
Operator : SJ/JU
Sample : I4504-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AA9

Manual Integrations
APPROVED

sohil
8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:10:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration



(69) Phenanthrene

17.755min (+0.001) 8.97ng/ul m

response 164305

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.41#
176.00	20.60	20.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081117\
 Data File : BG028309.D
 Acq On : 12 Aug 2017 4:11
 Operator : SJ/JU
 Sample : I4504-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AA9

Manual Integrations
 APPROVED

sohil
 8/14/2017 6:59:48 PM

Quant Time: Aug 12 05:11:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 12 02:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	60966	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	261906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	165576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	364089m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	419672	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	404486	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3605	2.75	ng/uL	0.00
5) Phenol-d5	7.51	99	103254	15.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	64521	15.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	73145	17.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	87460	15.63	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	38046	18.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	46254	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	87382	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	3817	0.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	258193	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	308255	18.57	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	37897	16.18	ng/ul	0.02
57) Fluorene-d10	15.96	176	220428	16.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44838m	18.96	ng/ul	0.00
70) Anthracene-d10	17.81	188	341631	19.57	ng/ul	0.00
76) Pyrene-d10	20.09	212	377094	17.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	342589	18.09	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.54	94	9465	1.422 ng/ul#	86
28) Naphthalene	11.23	128	43433	3.348 ng/ul#	95
34) 2-Methylnaphthalene	12.81	142	105731	10.148 ng/ul	96
40) 1,1'-Biphenyl	13.80	154	21041	1.740 ng/ul#	95
44) Dimethylphthalate	14.40	163	70326	5.186 ng/ul#	98
53) Dibenzofuran	15.36	168	57418	3.678 ng/ul	99
58) Fluorene	16.01	166	91643	6.631 ng/ul	97
69) Phenanthrene	17.75	178	164305m	8.967 ng/ul	98
77) Pyrene	20.12	202	101266	4.044 ng/ul	98
80) Benzo(a)anthracene	22.03	228	35110	1.448 ng/ul#	74
82) Chrysene	22.10	228	30491	1.396 ng/ul#	69

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