

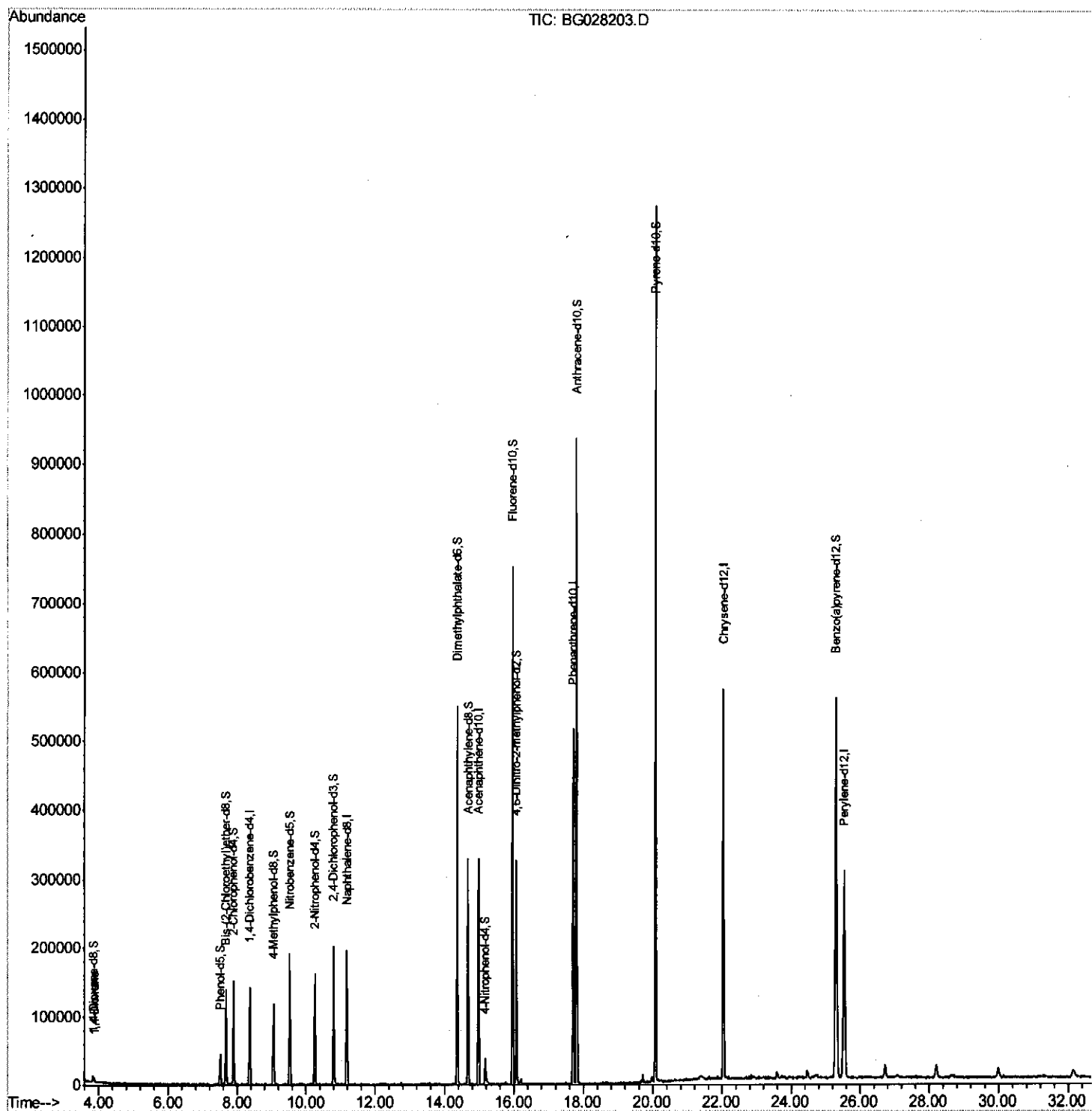
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028203.D
Acq On : 8 Aug 2017 23:41
Operator : SJ/JU
Sample : I4600-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Z5

Manual Integrations
APPROVED

Sohil
8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:57:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 02:30:54 2017
Response via : Initial Calibration



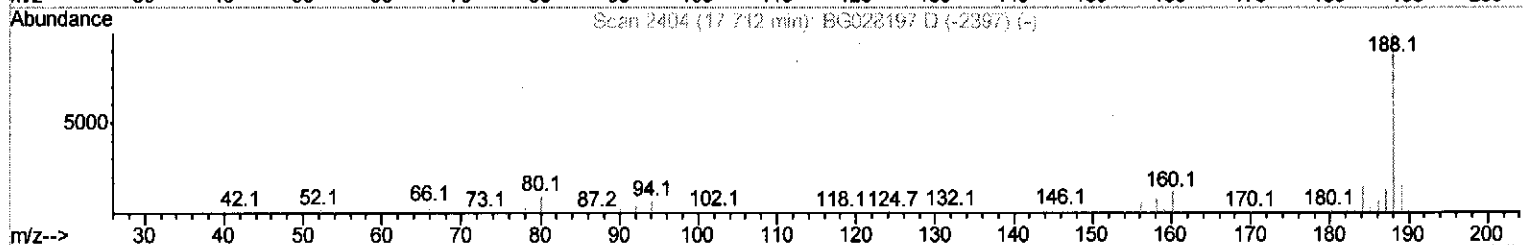
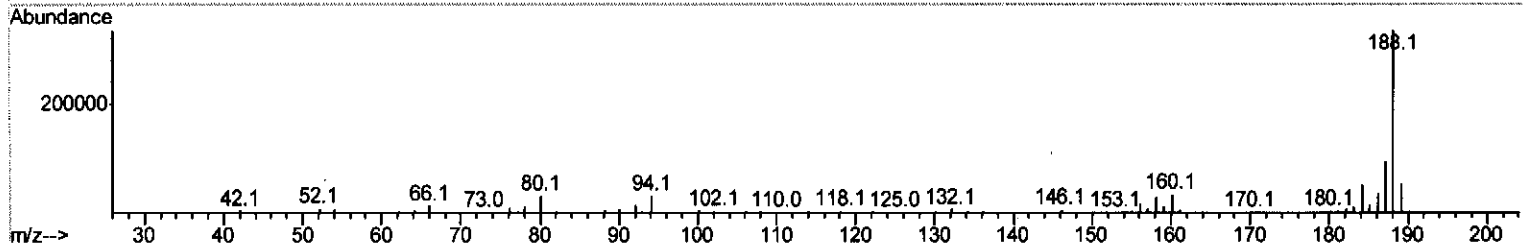
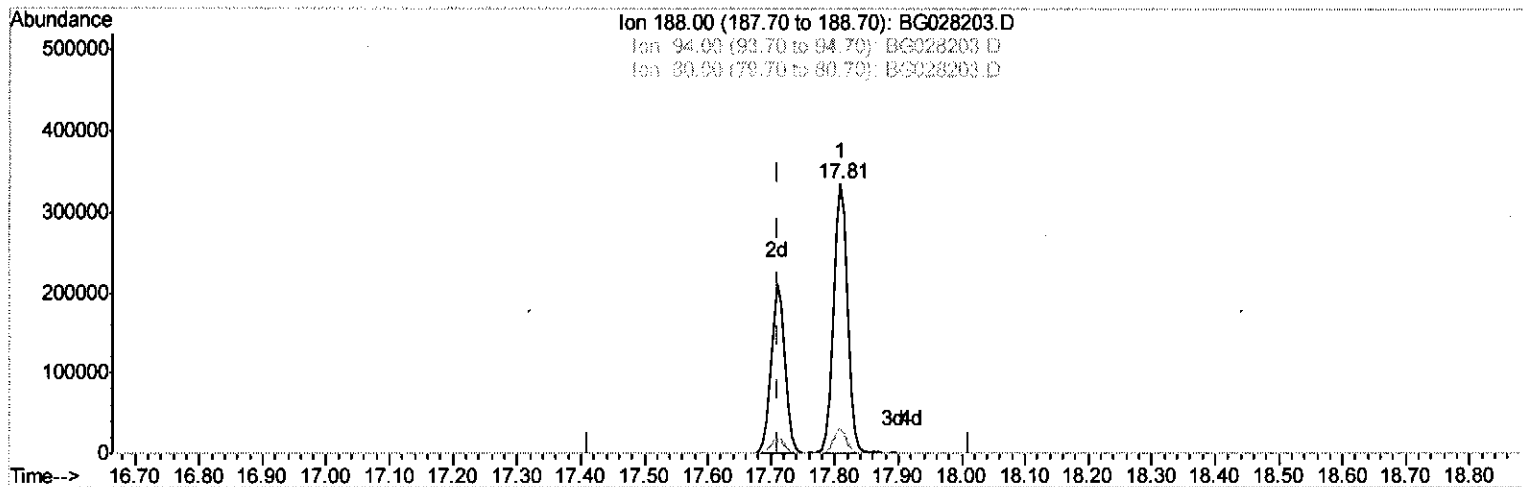
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028203.D
Acq On : 8 Aug 2017 23:41
Operator : SJ/JU
Sample : I4600-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02Z5

Manual Integrations
APPROVED

Sohil
8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:35:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 02:30:54 2017
Response via : Initial Calibration



TIC: BG028203.D

(61) Phenanthrene-d10 (I)

17.810min (+0.098) 20.00ng/ul

response 518834

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.03
80.00	9.50	9.17
0.00	0.00	0.00

Quantitation Report (Qedit)

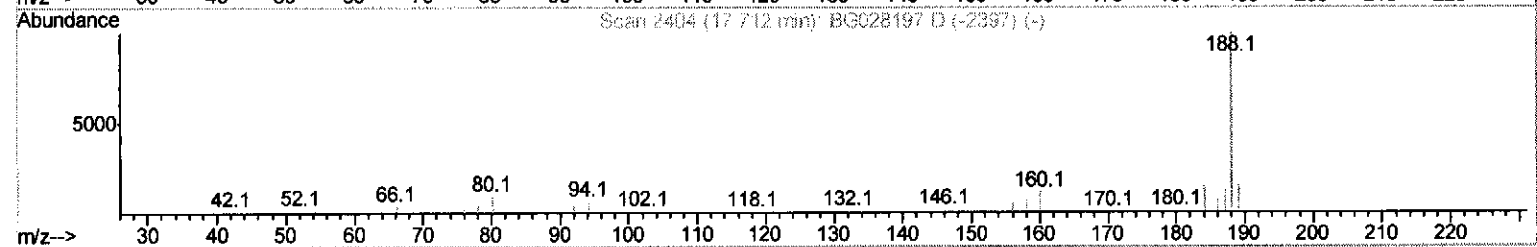
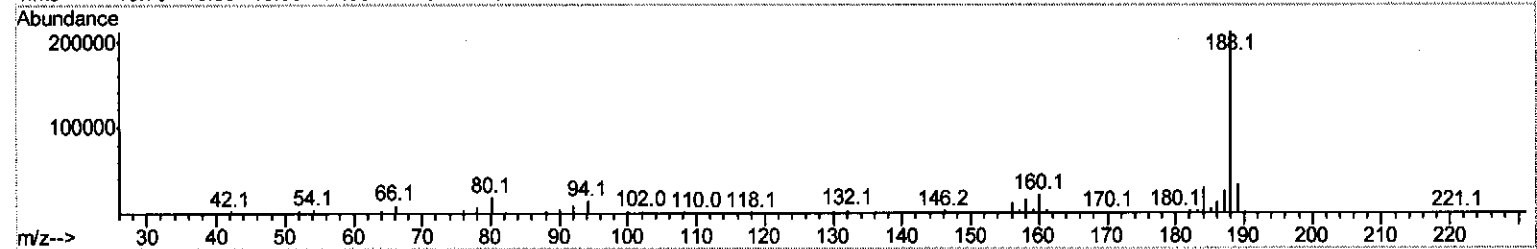
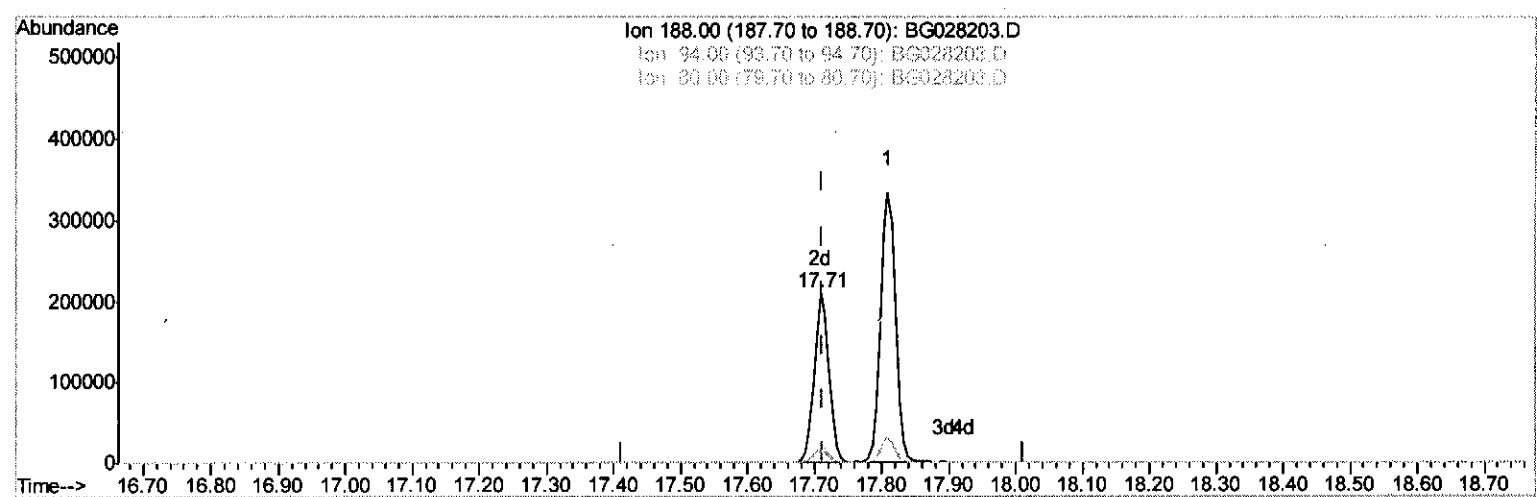
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028203.D
Acq On : 8 Aug 2017 23:41
Operator : SJ/JU
Sample : I4600-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Z5

Manual Integrations
APPROVED

Sohil
8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:35:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 02:30:54 2017
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.710min (-0.002) 20.00ng/ul m

response 321272

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.82#
80.00	9.50	8.94
0.00	0.00	0.00

Handwritten signature
8/14/17

Quantitation Report (Qedit)

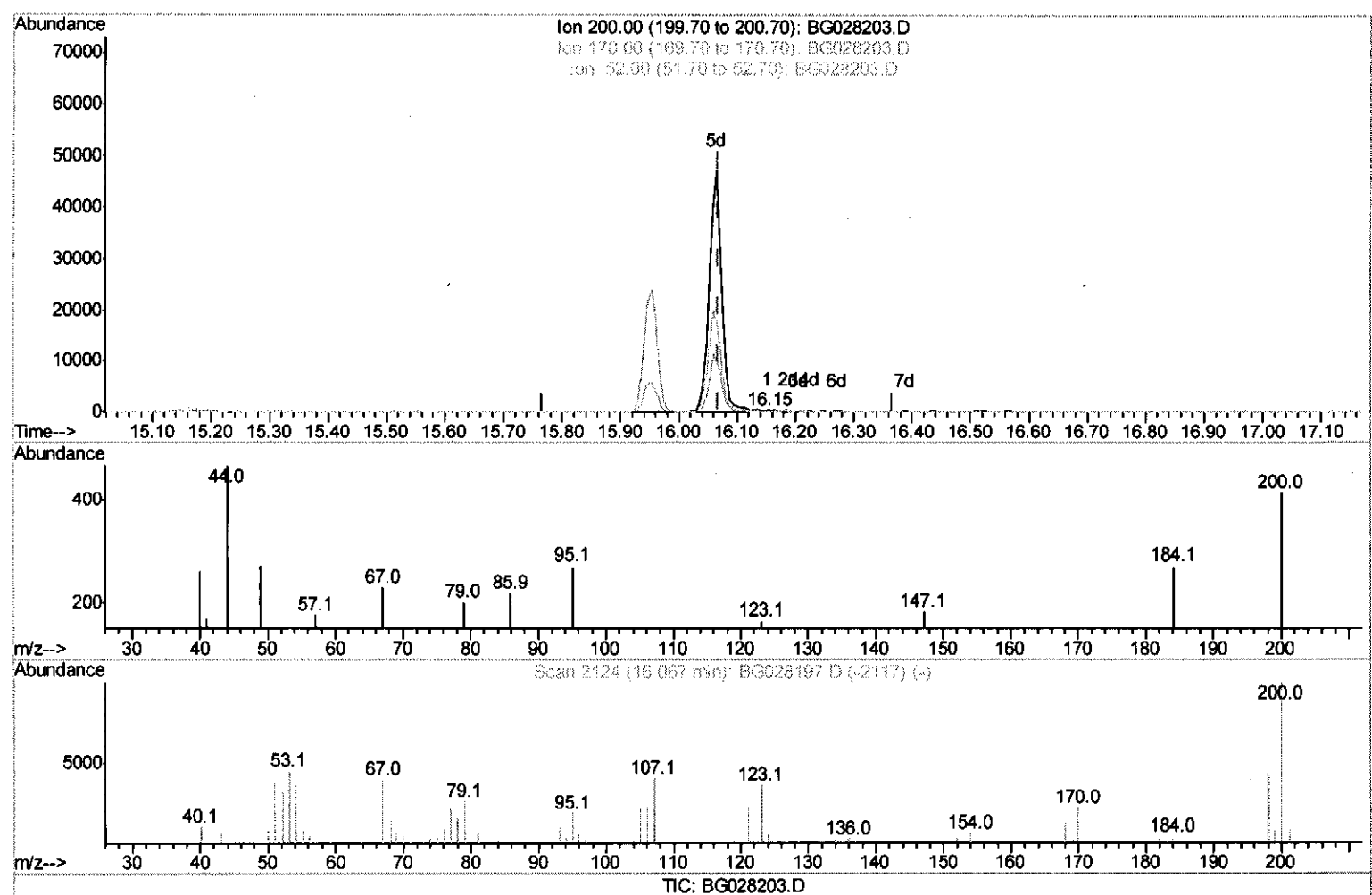
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028203.D
Acq On : 8 Aug 2017 23:41
Operator : SJ/JU
Sample : I4600-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Z5

Manual Integrations
APPROVED

Sohil
8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:57:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 02:30:54 2017
Response via : Initial Calibration



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

16.153min (+0.086) 0.16ng/ul

response 340

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

Quantitation Report (Qedit)

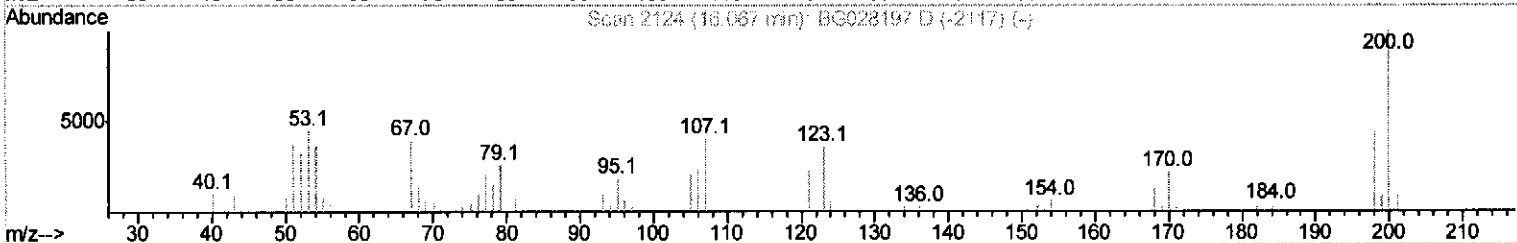
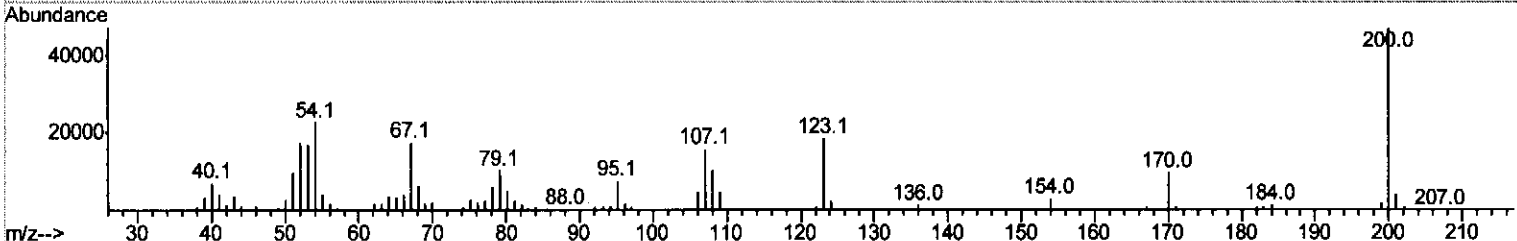
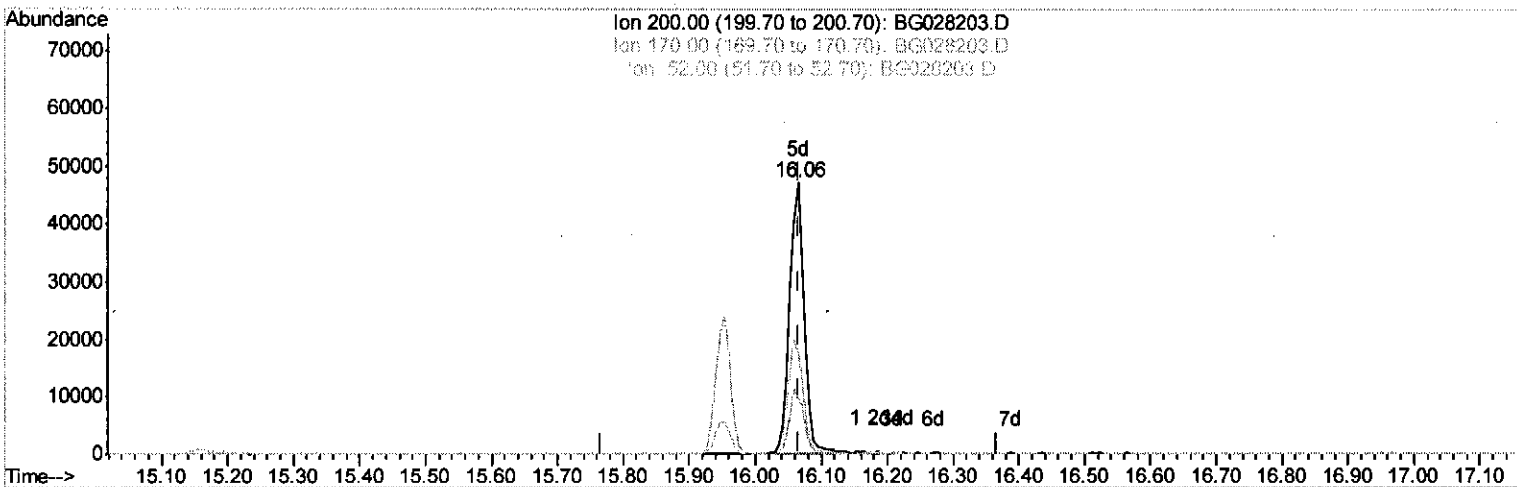
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
 Data File : BG028203.D
 Acq On : 8 Aug 2017 23:41
 Operator : SJ/JU
 Sample : I4600-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C02Z5

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:57:18 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 02:30:54 2017
 Response via : Initial Calibration



TIC: BG028203.D

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

16.065min (-0.002) 34.61ng/ul m

response 72224

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.57
52.00	47.20	37.29#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
 Data File : BG028203.D
 Acq On : 8 Aug 2017 23:41
 Operator : SJ/JU
 Sample : I4600-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C02Z5

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:19:07 PM

Quant Time: Aug 09 02:57:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 02:30:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37829	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	155921	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	115553	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	321272m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	384624	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	367231	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	4544	5.59	ng/uL	0.00
5) Phenol-d5	7.50	99	25976	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	77125	29.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	66420	25.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	45168	13.01	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	40931	33.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	46717	34.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	80927	29.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.35	131	160	0.05	ng/ul	0.04
43) Dimethylphthalate-d6	14.35	166	366053	35.62	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	242334	20.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	12352	7.56	ng/ul	0.00
57) Fluorene-d10	15.95	176	303727	32.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	72224m	34.61	ng/ul	0.00
70) Anthracene-d10	17.81	188	519456	33.72	ng/ul	0.00
76) Pyrene-d10	20.08	212	690545	35.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	468505	27.25	ng/ul	0.00

Target Compounds				Ovalue	
2) 1,4-Dioxane	3.87	88	3085	3.616	ng/uL# 78

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