

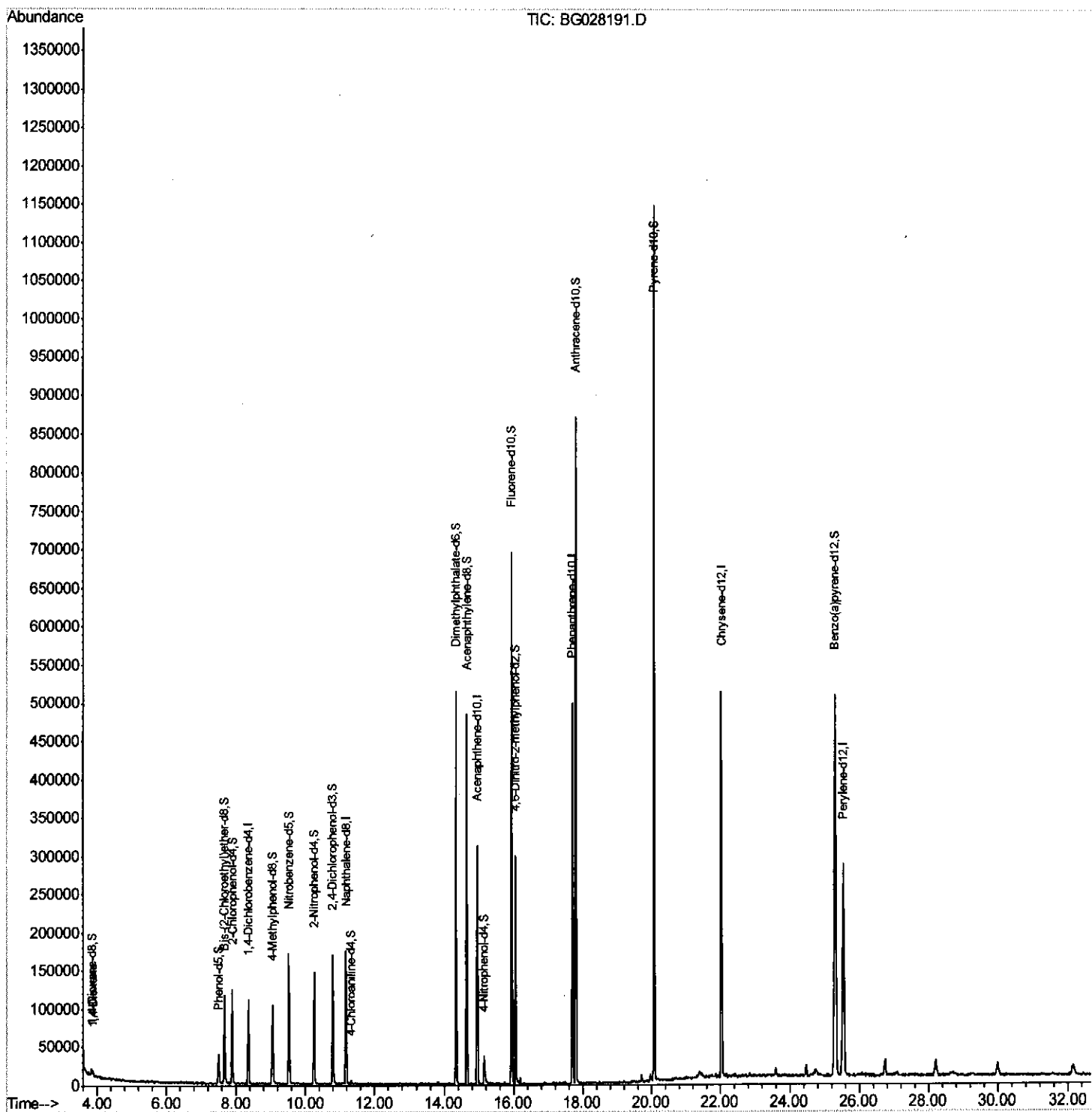
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028191.D
Acq On : 8 Aug 2017 15:46
Operator : SJ/JU
Sample : I4600-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Y4

Manual Integrations
APPROVED

Sohil
8/9/2017 7:53:52 PM

Quant Time: Aug 09 01:50:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



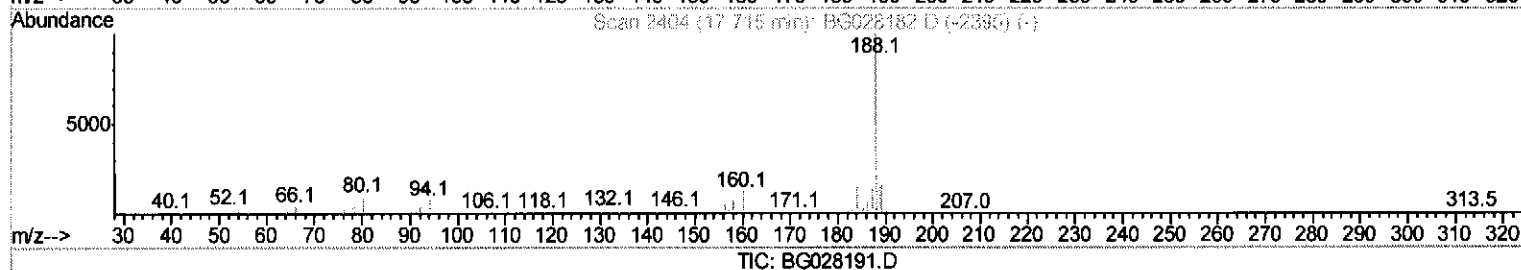
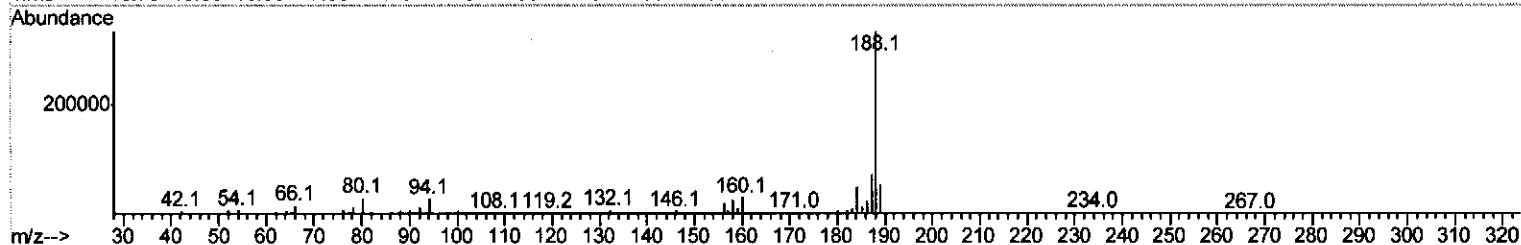
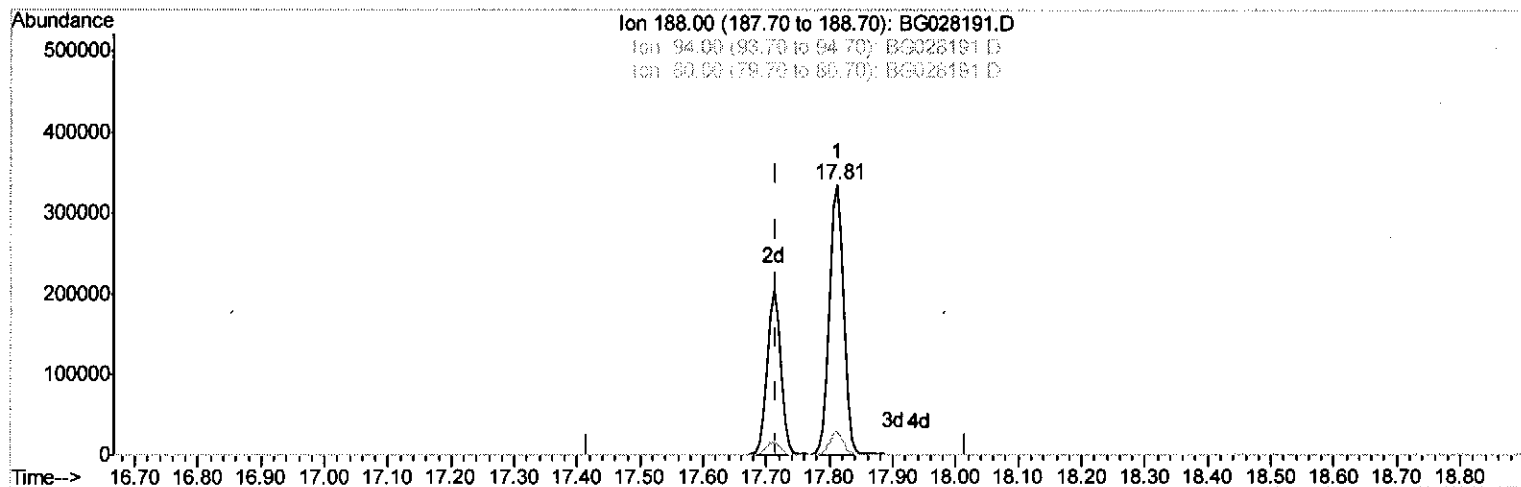
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Quant Time: Aug 09 01:13:01 2017
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(61) Phenanthrene-d10 (I)

17.812min (+0.097) 20.00ng/ul

response 535025

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.18
80.00	9.50	8.54
0.00	0.00	0.00

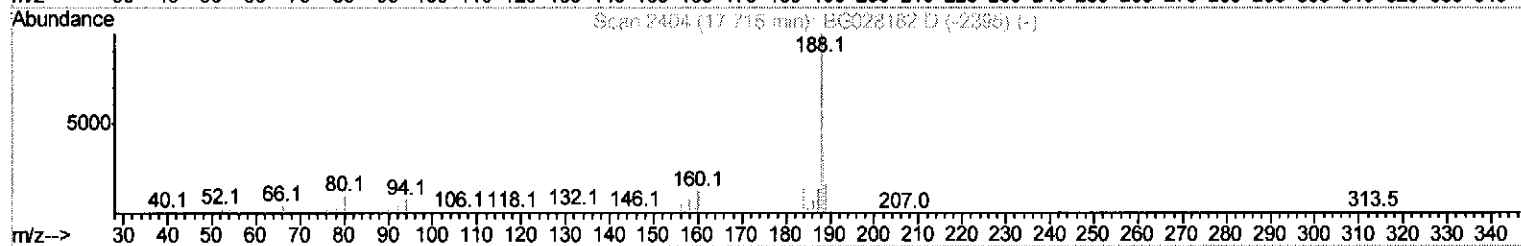
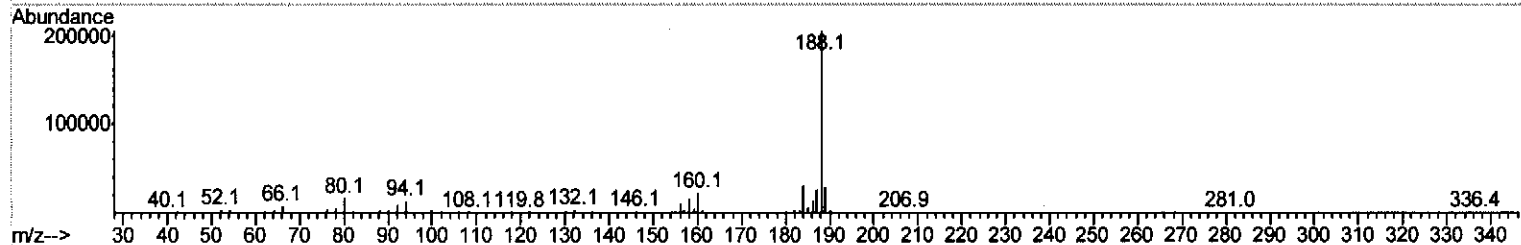
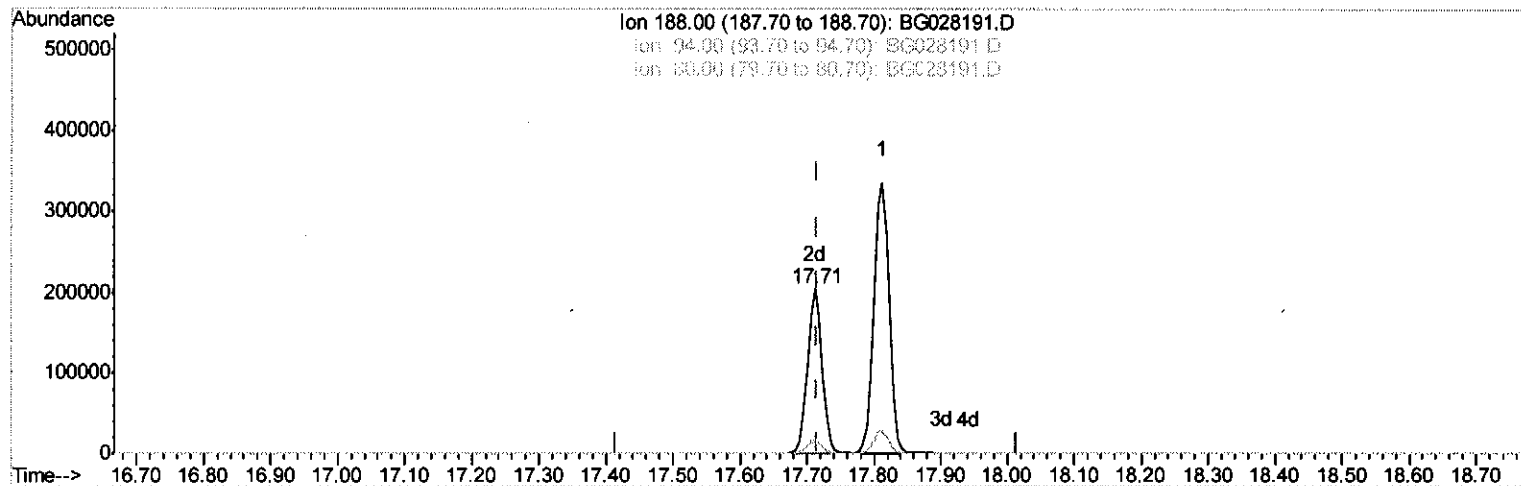
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Instrument :
BNA_G
ClientSampled :
C02Y4

Manual Integrations
APPROVED

Sohil
8/9/2017 7:53:52 PM

Quant Time: Aug 09 01:13:01 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



TIC: BG028191.D

(61) Phenanthrene-d10 (I)

17.712min (-0.003) 20.00ng/ul m

response 308798

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.48#
80.00	9.50	8.08
0.00	0.00	0.00

Handwritten signature
8/14/17

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
 Data File : BG028191.D
 Acq On : 8 Aug 2017 15:46
 Operator : SJ/JU
 Sample : I4600-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02Y4

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:53:52 PM

Quant Time: Aug 09 01:50:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 01:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	30069	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	138947	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	106295	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	308798m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	345679	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	331765	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3816	5.91	ng/uL	0.00
5) Phenol-d5	7.50	99	23016	6.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	63837	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	54235	26.03	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	44048	15.96	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	35481	32.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	40586	34.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	69675	28.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	3589	1.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	339057	35.86	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	349807	32.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	11412	7.59	ng/ul	0.01
57) Fluorene-d10	15.95	176	285007	33.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	64946	32.38	ng/ul	0.00
70) Anthracene-d10	17.81	188	535025	36.13	ng/ul	0.00
76) Pyrene-d10	20.09	212	647245	36.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	552636	35.58	ng/ul	0.00

Target Compounds				Ovalue	
2) 1,4-Dioxane	3.88	88	3458	5.099	ng/uL 92

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