

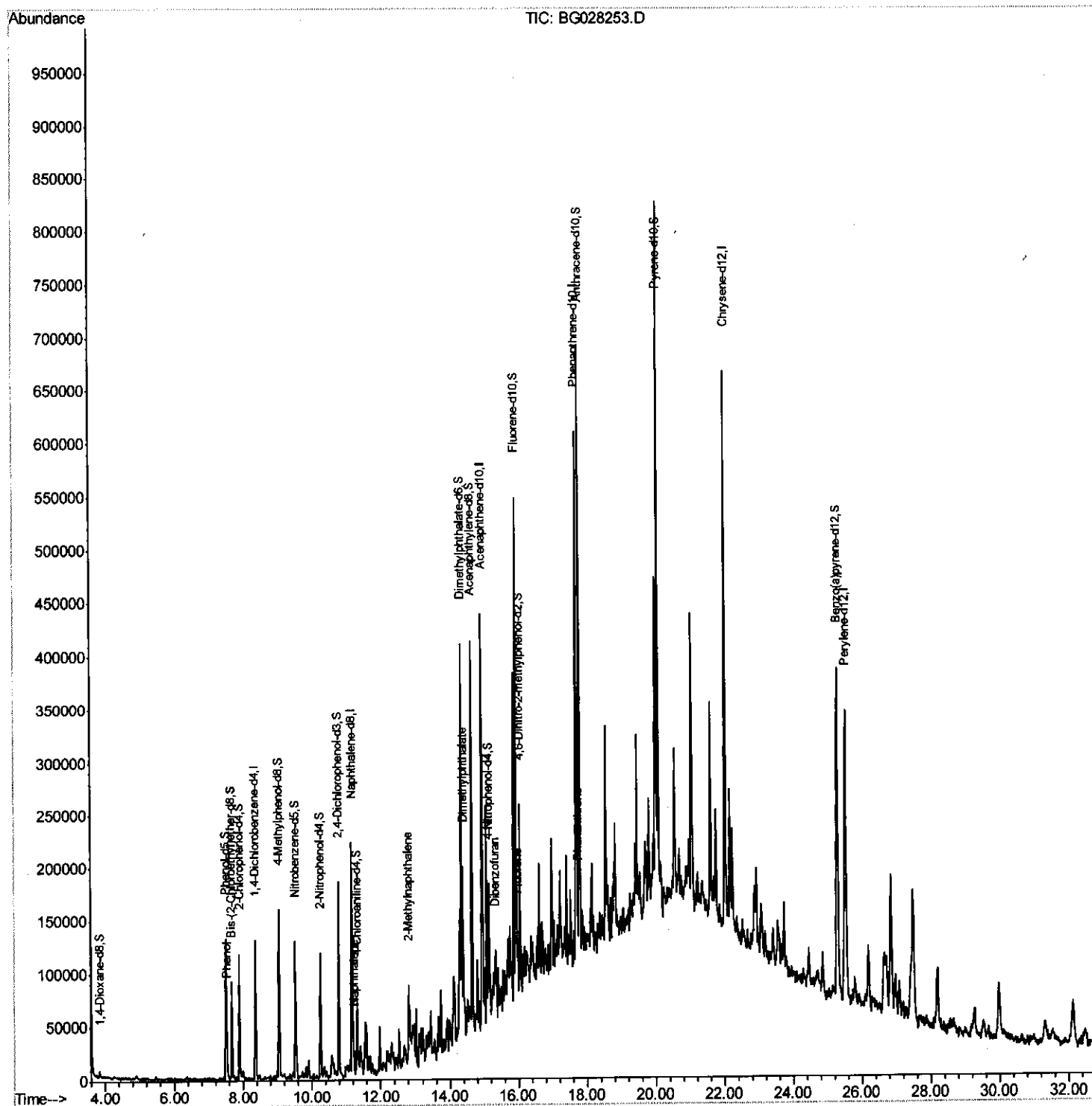
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:44:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



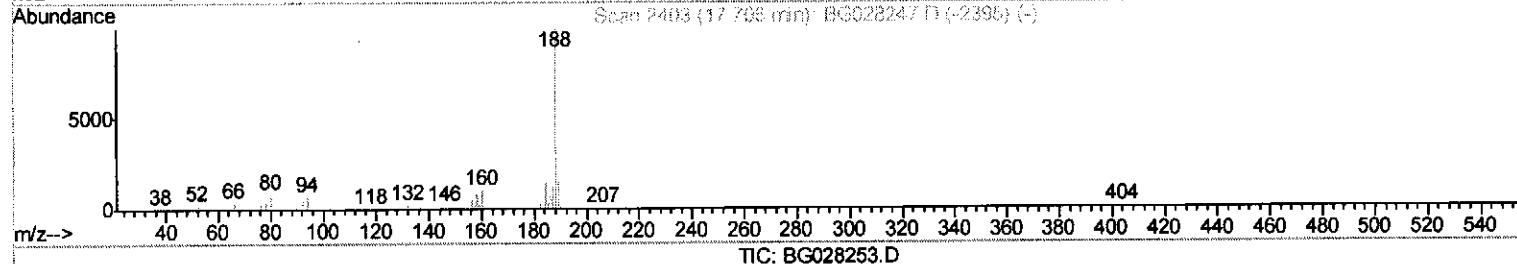
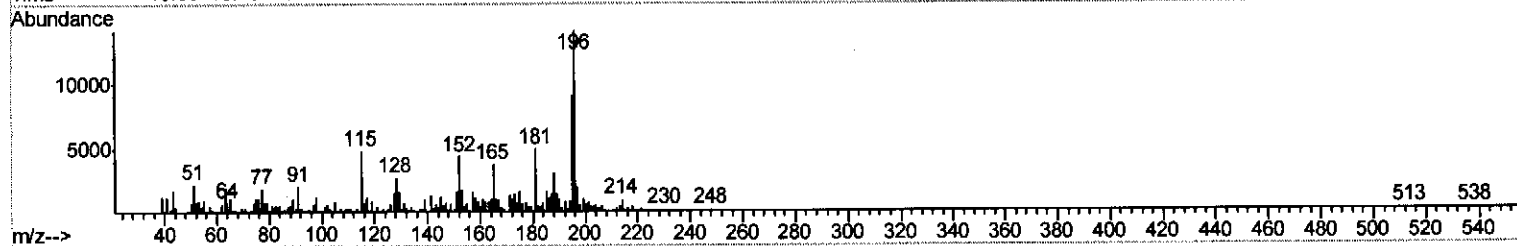
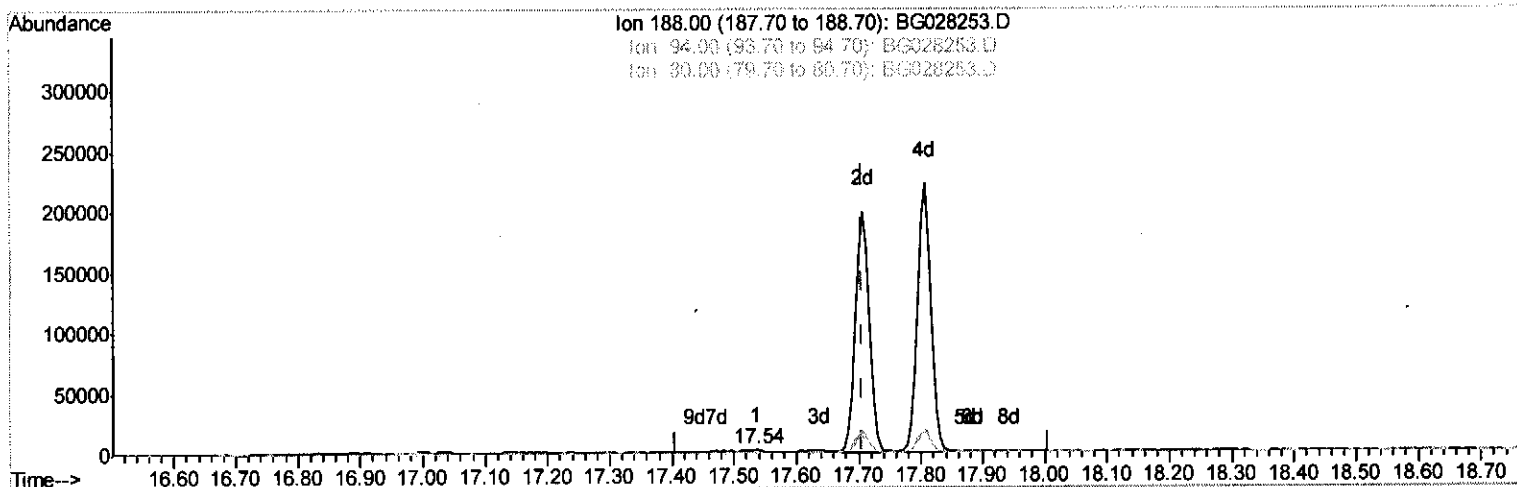
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
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C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:33:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.537min (-0.169) 20.00ng/ul

response 5165

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.02
80.00	9.50	7.97
0.00	0.00	0.00

Quantitation Report (Qedit)

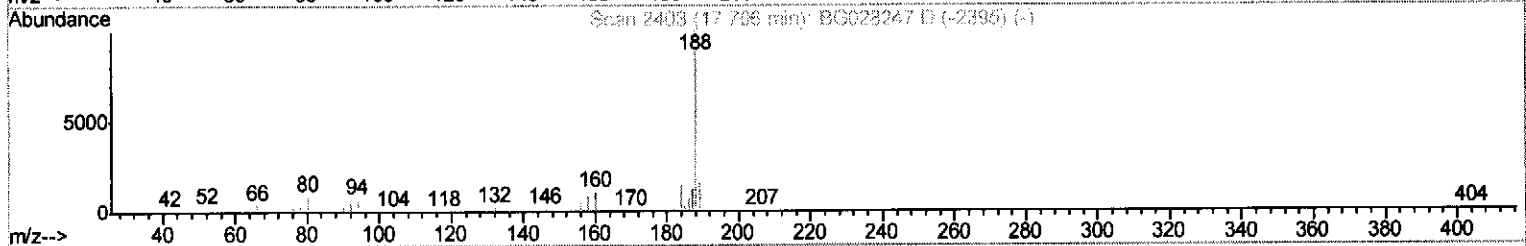
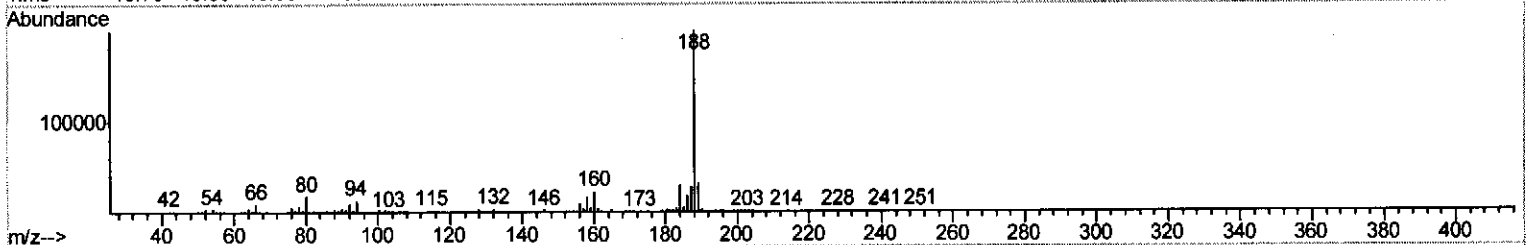
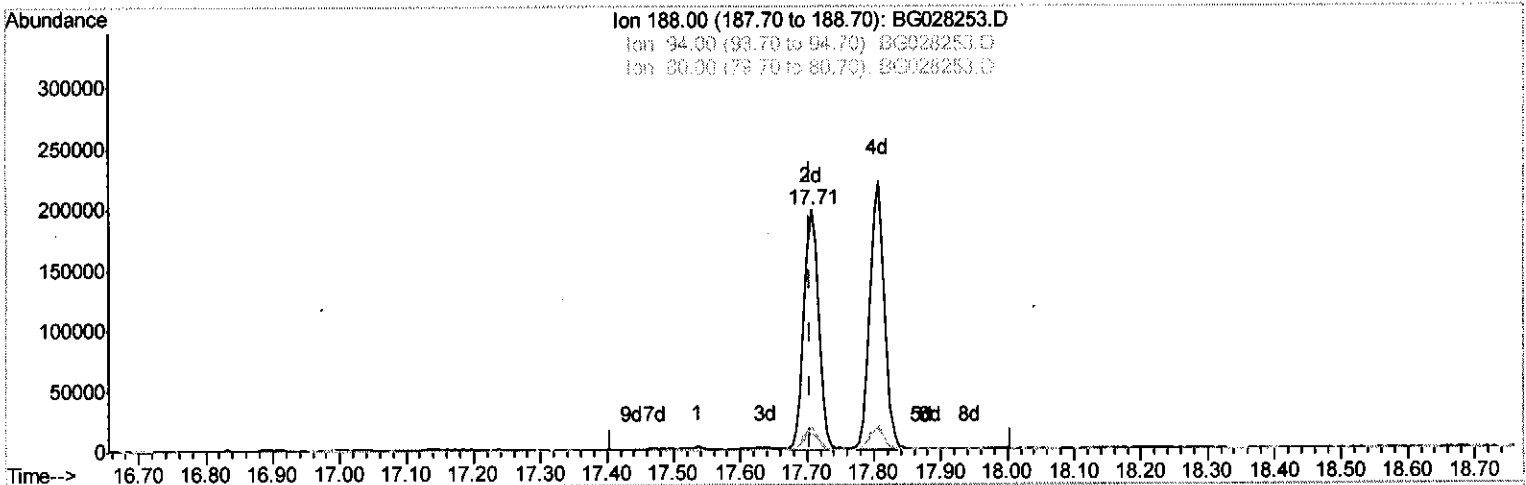
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:33:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



TIC: BG028253.D

(61) Phenanthrene-d10 (I)

17.707min (+0.001) 20.00ng/ul m

response 306629

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.41#
80.00	9.50	8.92
0.00	0.00	0.00

Quantitation Report (Qedit)

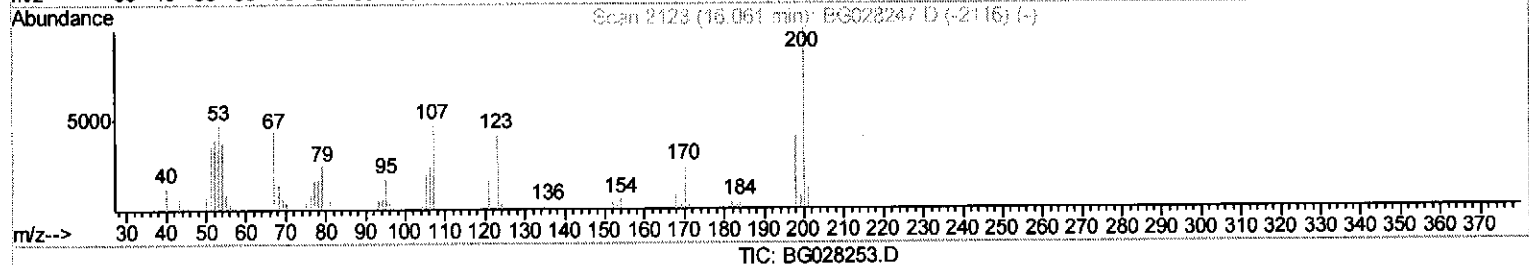
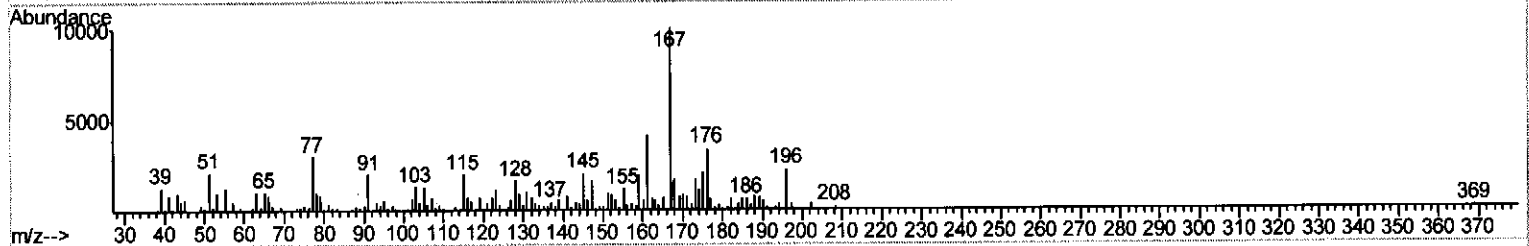
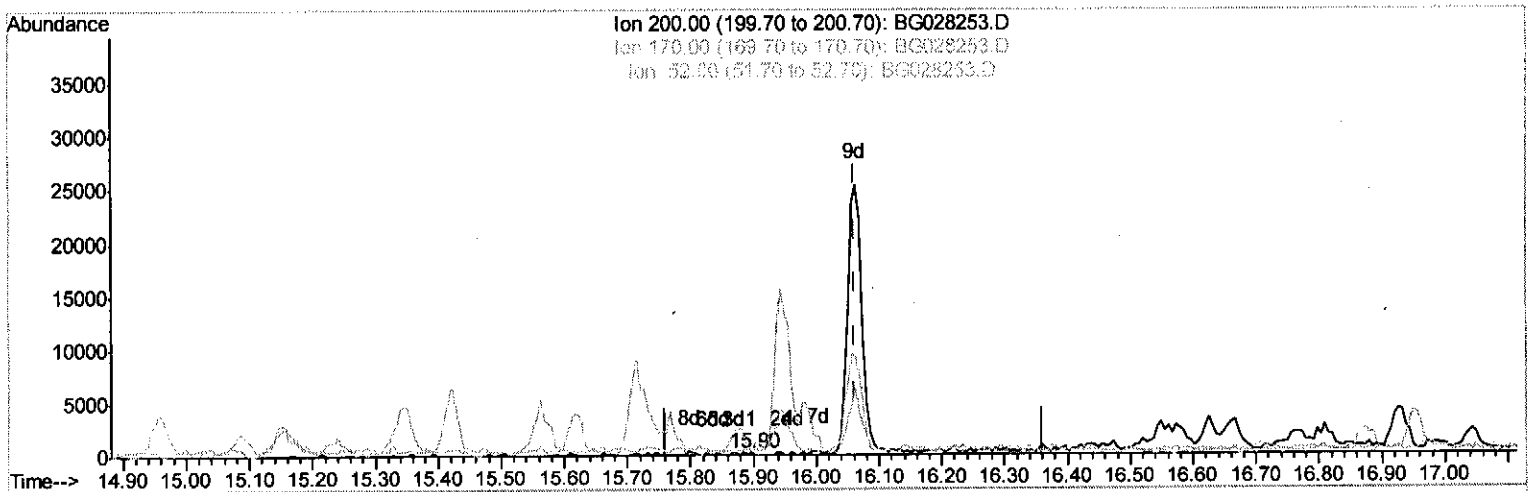
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



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

15.897min (-0.163) 0.07ng/ul

response 138

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	470.10#
52.00	47.20	168.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

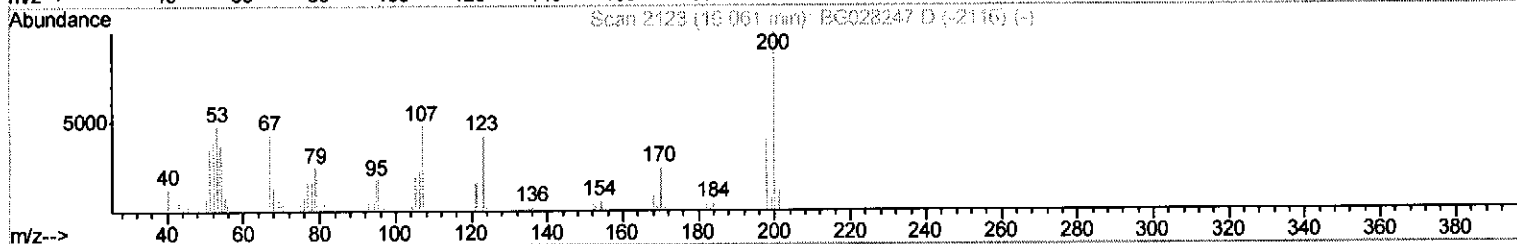
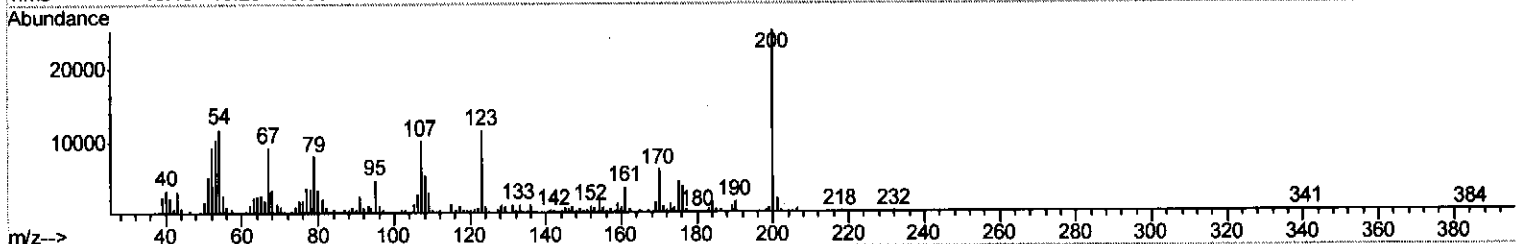
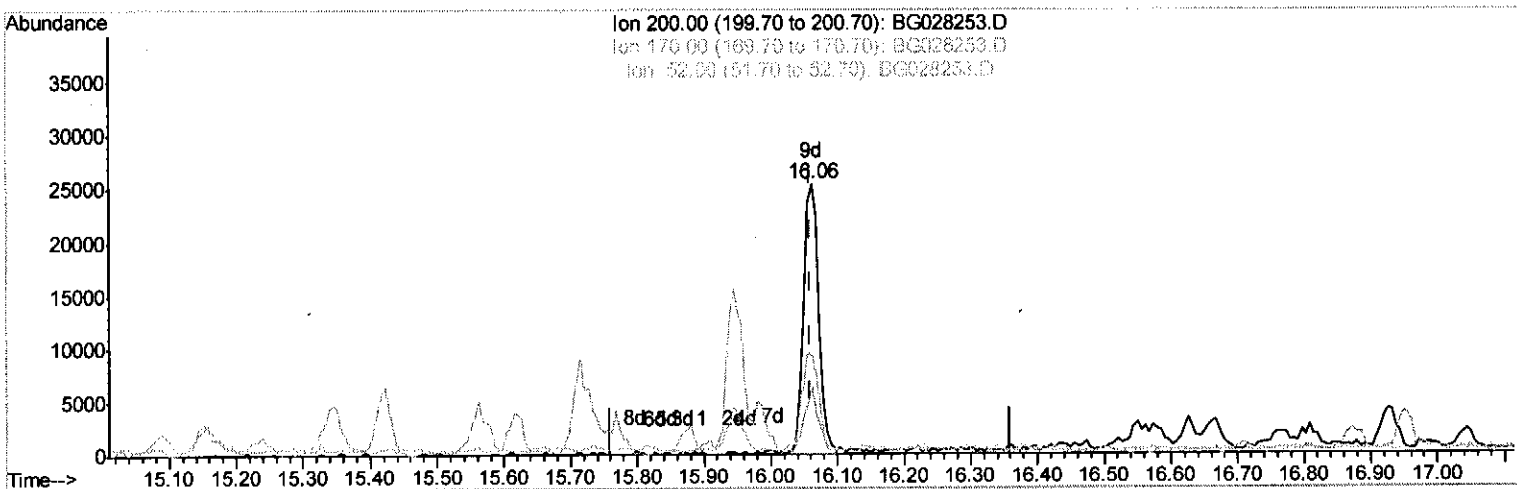
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



TIC: BG028253.D

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

16.062min (+0.001) 20.15ng/ul m

response 40137

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	24.41
52.00	47.20	36.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

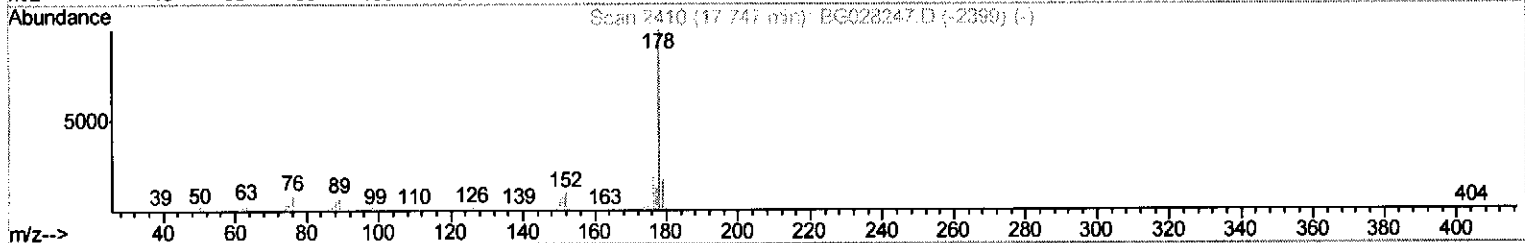
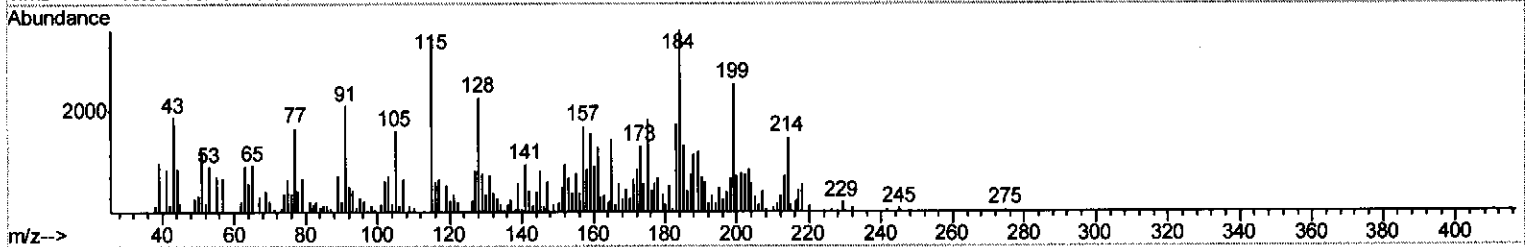
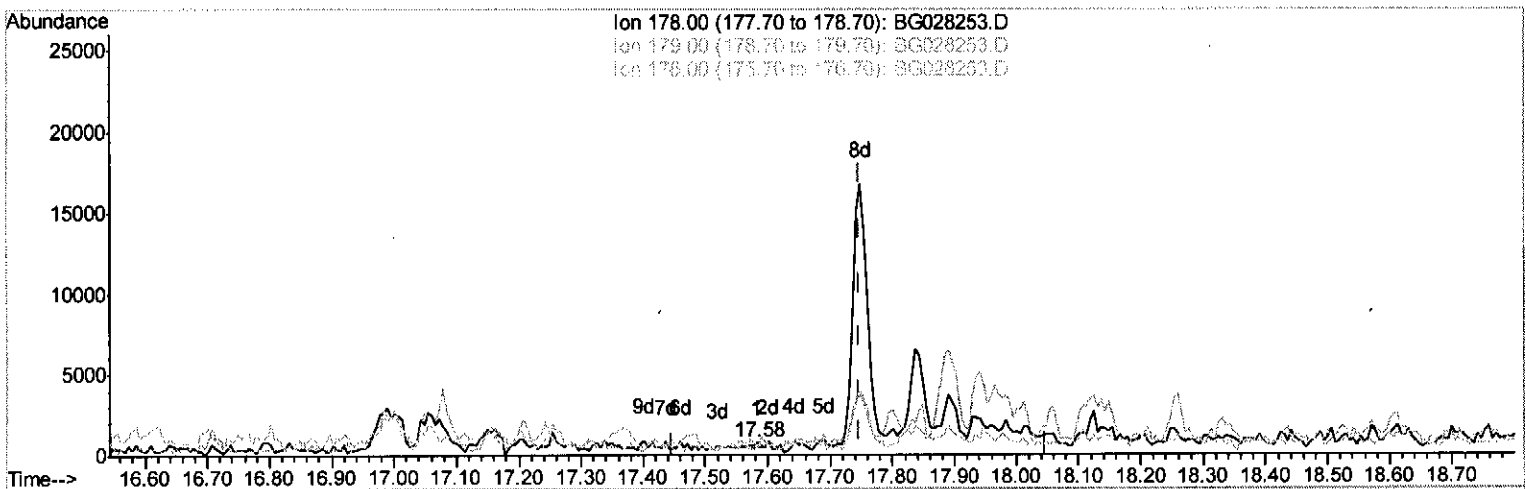
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



TIC: BG028253.D

(69) Phenanthrene

17.584min (-0.163) 0.03ng/ul

response 440

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	61.08#
176.00	20.60	68.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

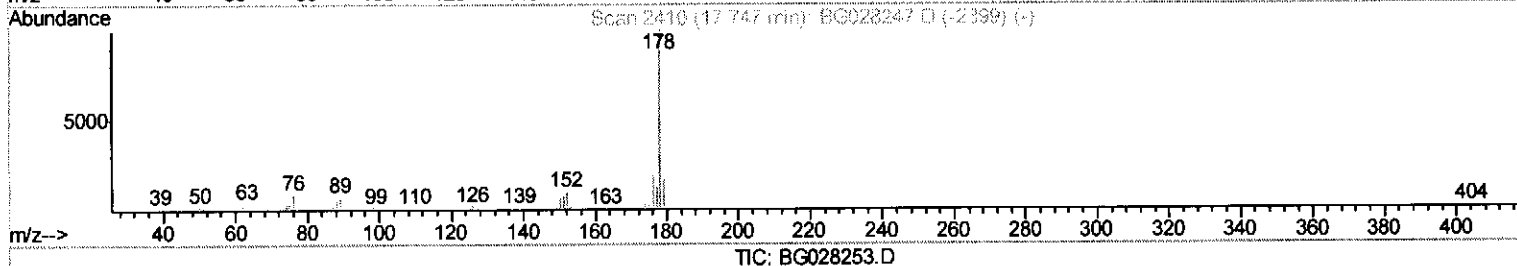
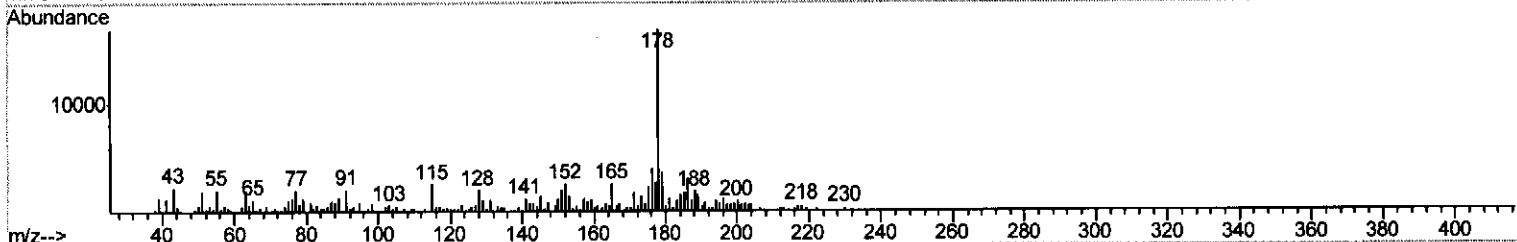
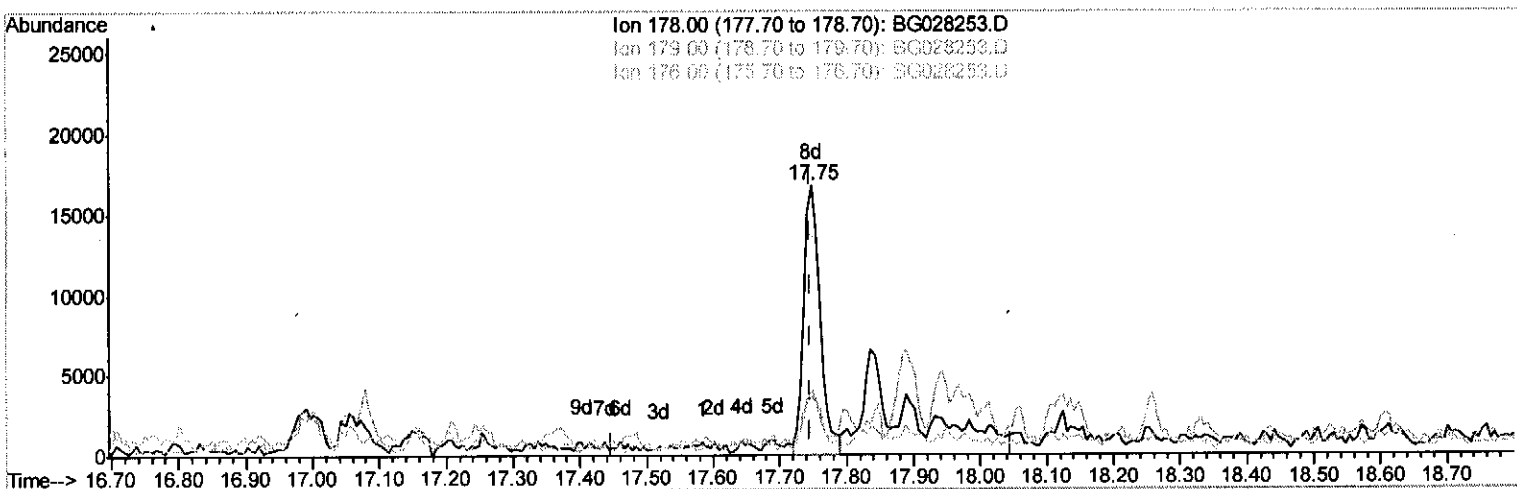
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



(69) Phenanthrene

17.748min (+0.001) 1.86ng/ul m

[Signature] 8/14/17

response 28649

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	21.91#
176.00	20.60	24.33
0.00	0.00	0.00

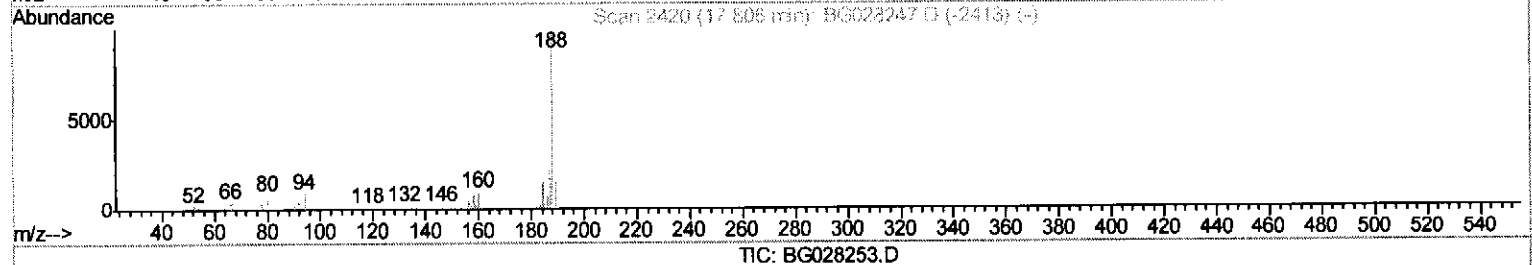
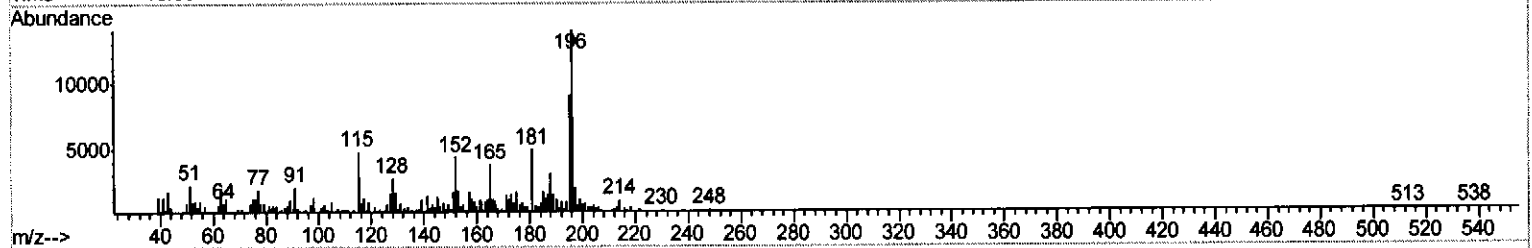
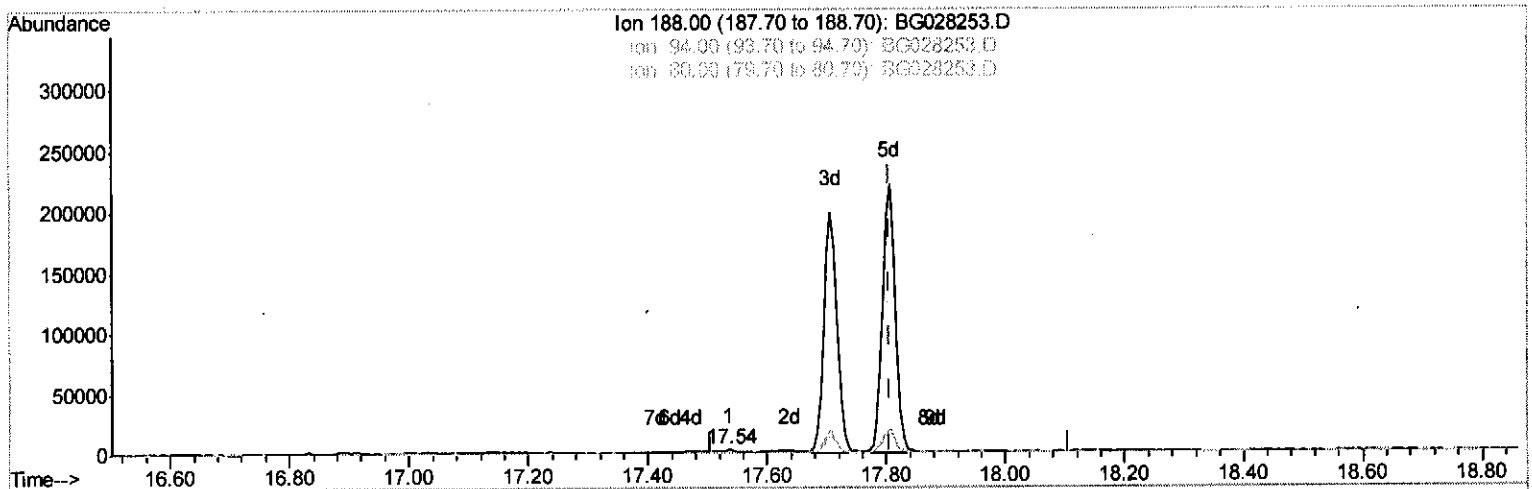
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.537min (-0.269) 0.37ng/ul

response 5444

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.02
80.00	9.50	7.97
0.00	0.00	0.00

Quantitation Report (Qedit)

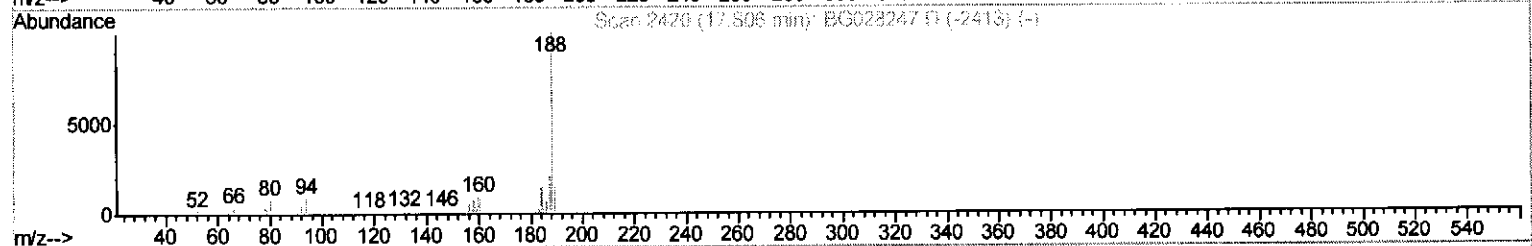
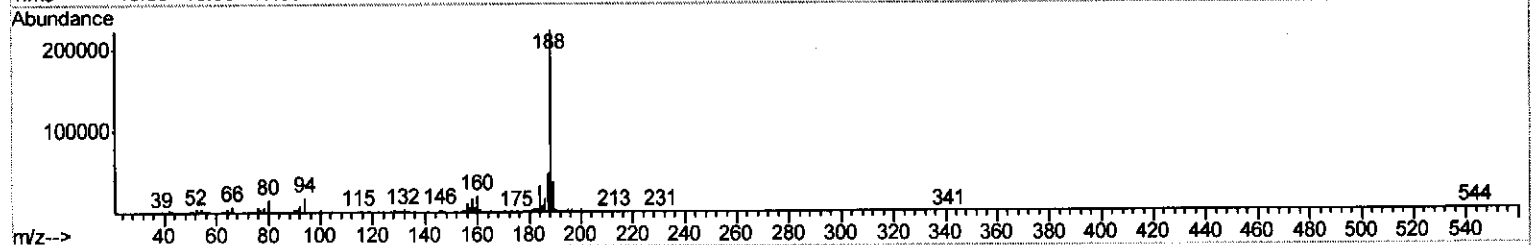
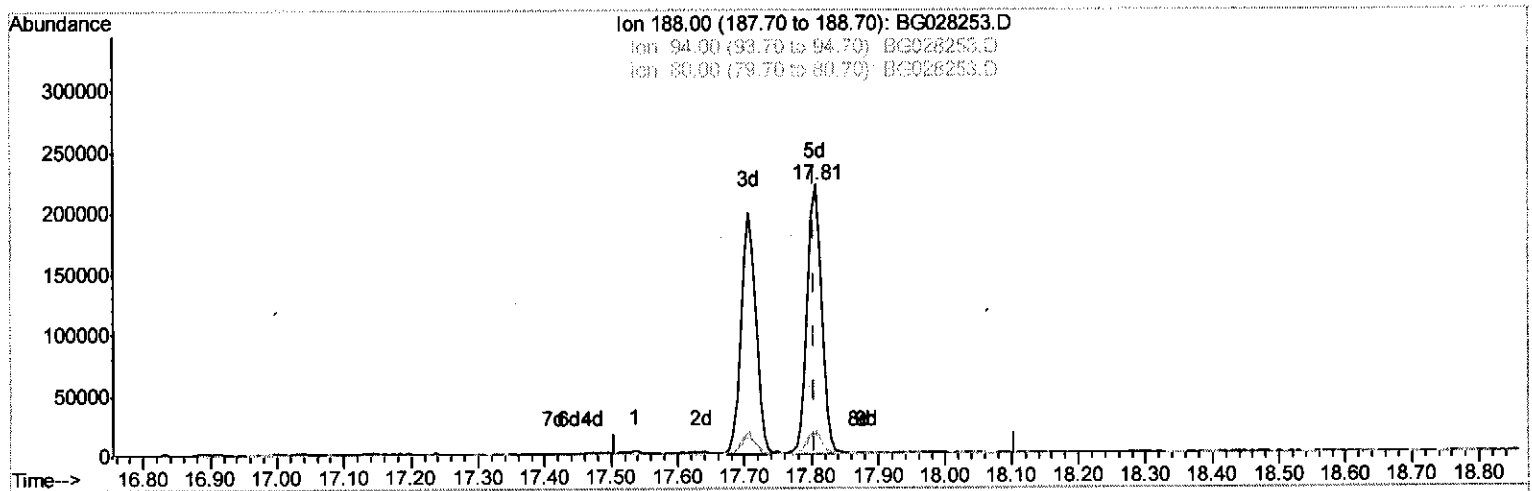
Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
Data File : BG028253.D
Acq On : 10 Aug 2017 8:58
Operator : SJ/JU
Sample : I4455-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AE9

Manual Integrations
APPROVED

Sohil
8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:42:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 07:27:12 2017
Response via : Initial Calibration



TIC: BG028253.D

(70) Anthracene-d10 (S)

17.807min (+0.001) 22.85ng/ul m

response 335953

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.58
80.00	9.50	7.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080917\
 Data File : BG028253.D
 Acq On : 10 Aug 2017 8:58
 Operator : SJ/JU
 Sample : I4455-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AE9

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:51:56 PM

Quant Time: Aug 10 18:44:12 2017
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 QLast Update : Thu Aug 10 07:27:12 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	34675	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	174637	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	130417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	306629m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	348400	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	336822	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2680	3.60	ng/uL	0.00
5) Phenol-d5	7.50	99	73942	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	48369	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	52980	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	63858	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	28758	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	33835	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	64587	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	45888	13.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	242162	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	270182	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	31276	16.96	ng/ul	0.01
57) Fluorene-d10	15.95	176	205803	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	40137m	20.15	ng/ul	0.00
70) Anthracene-d10	17.81	188	335953m	22.85	ng/ul	0.00
76) Pyrene-d10	20.08	212	370785	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	349074	22.14	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	9495	2.509	ng/ul#	83
28) Naphthalene	11.23	128	15407	1.781	ng/ul	95
34) 2-Methylnaphthalene	12.80	142	33919	4.882	ng/ul	99
44) Dimethylphthalate	14.39	163	97660	9.144	ng/ul	98
53) Dibenzofuran	15.35	168	15307	1.245	ng/ul	98
58) Fluorene	16.00	166	22826	2.097	ng/ul#	92
69) Phenanthrene	17.75	178	28649m	1.857	ng/ul	92

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