

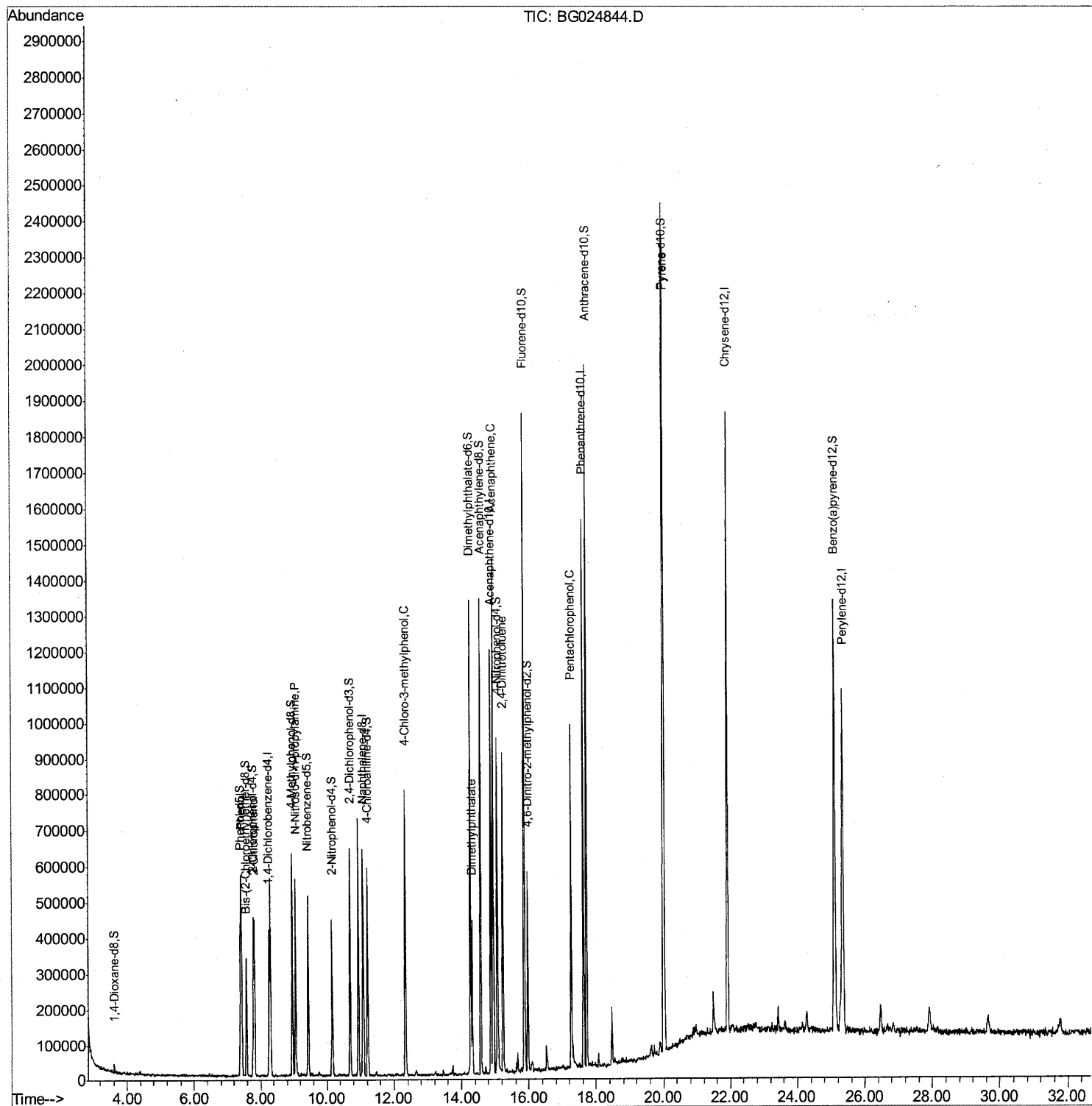
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024844.D
Acq On : 19 Nov 2016 3:29
Operator : UM/SJ
Sample : H5695-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
JHST5MS

Manual Integrations
APPROVED

sohil
11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:53:51 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration



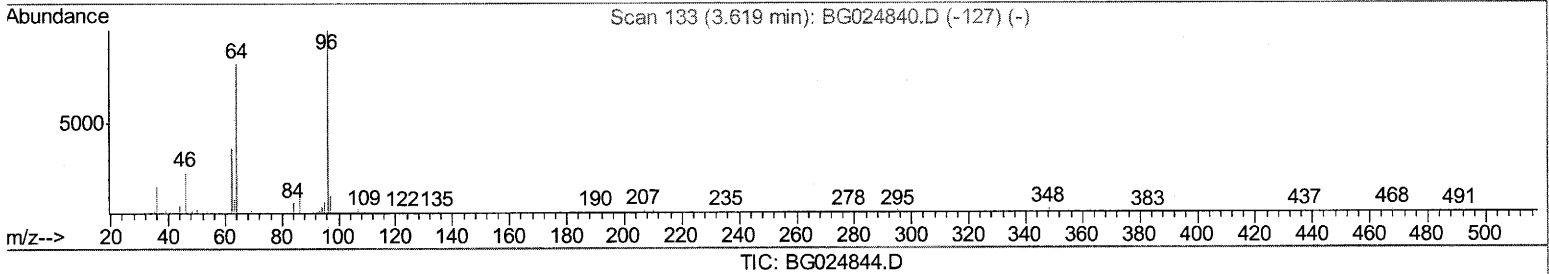
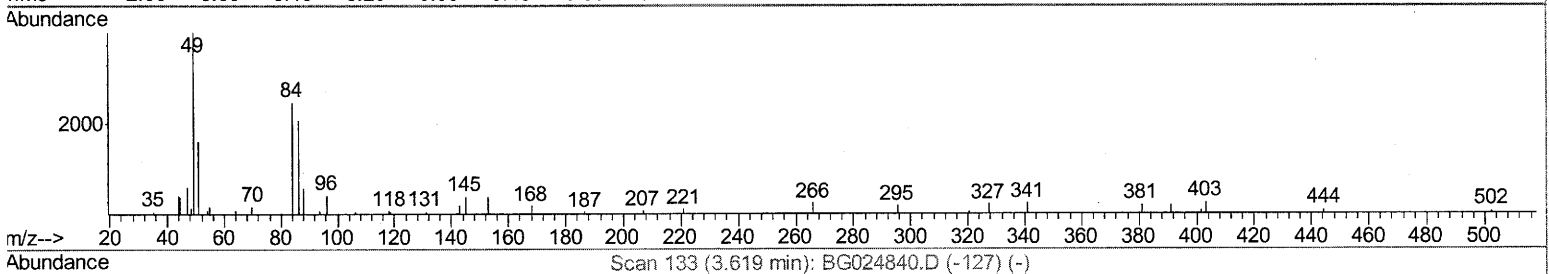
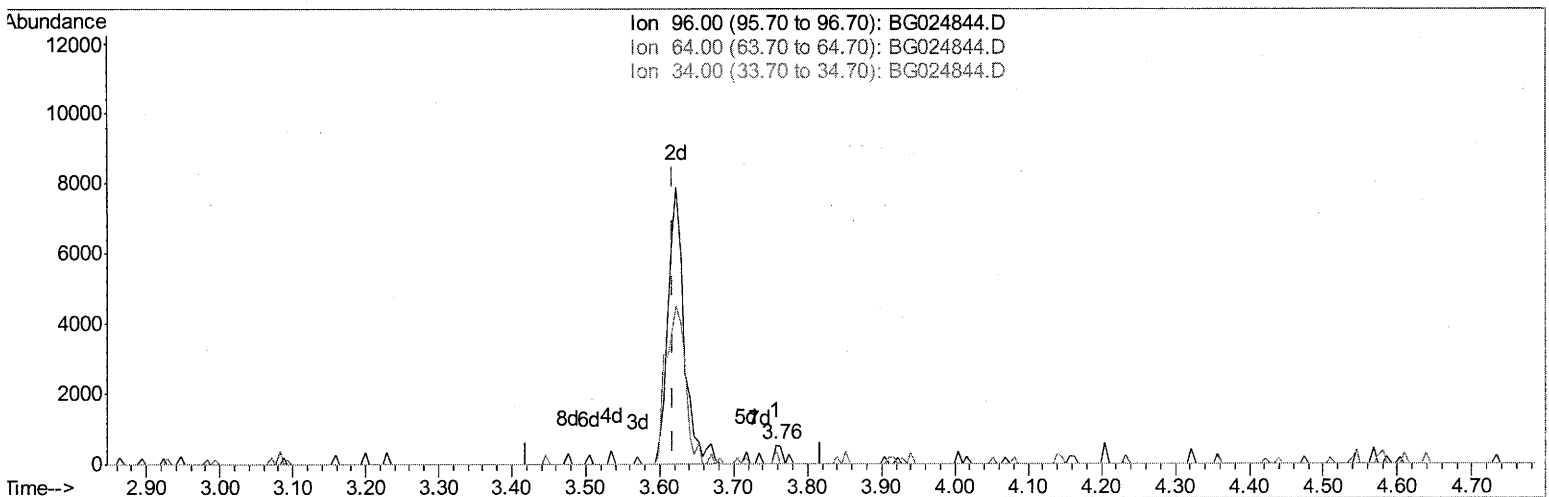
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024844.D
Acq On : 19 Nov 2016 3:29
Operator : UM/SJ
Sample : H5695-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
JHST5MS

Manual Integrations
APPROVED

sohil
11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:51:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.758min (+0.139) 0.21ng/uL

response 477

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	71.40
34.00	0.00	0.00
0.00	0.00	0.00

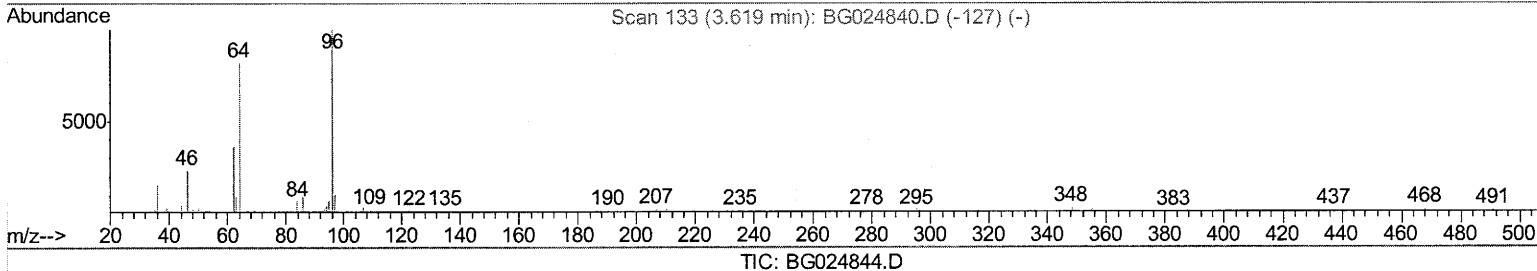
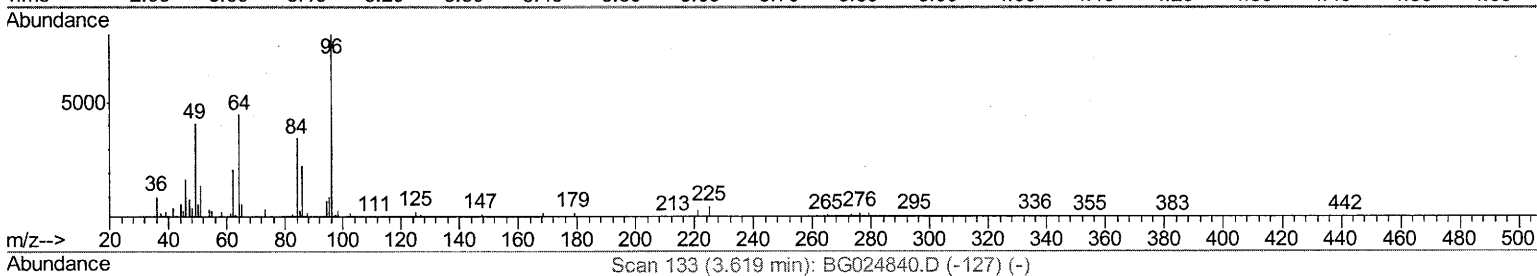
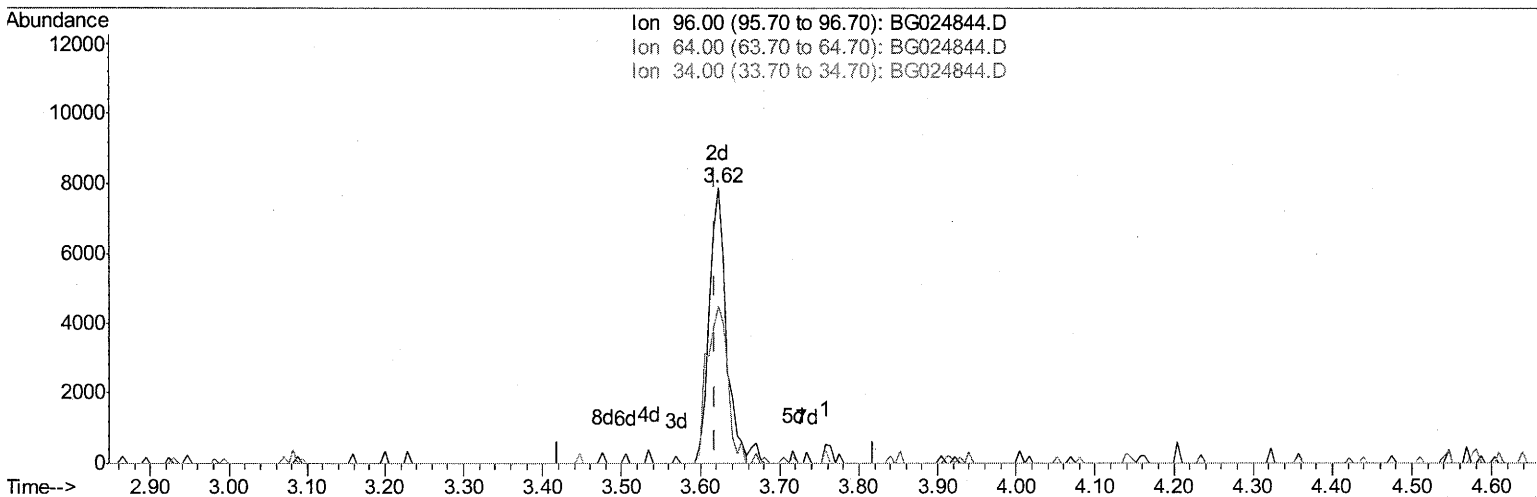
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024844.D
Acq On : 19 Nov 2016 3:29
Operator : UM/SJ
Sample : H5695-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHST5MS

Manual Integrations
APPROVED

sohil
11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:51:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.623min (+0.004) 5.20ng/uL m

response 11580

Ion Exp% Act%

96.00 100 100

64.00 88.90 56.93#

34.00 0.00 0.00

0.00 0.00 0.00

UM
11/21/16

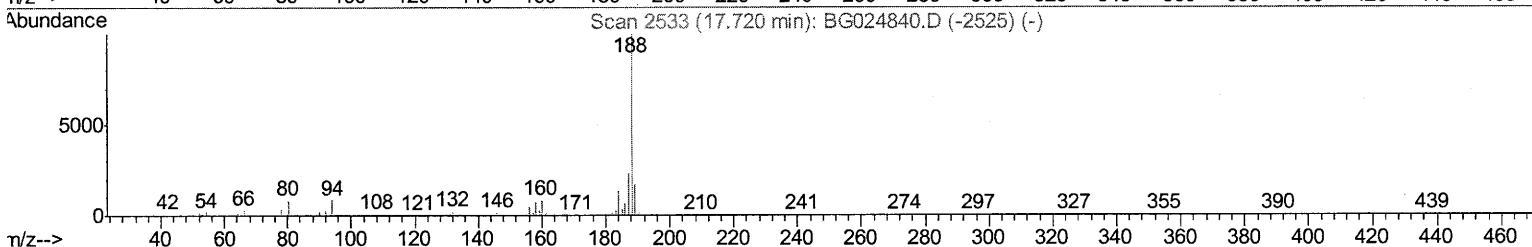
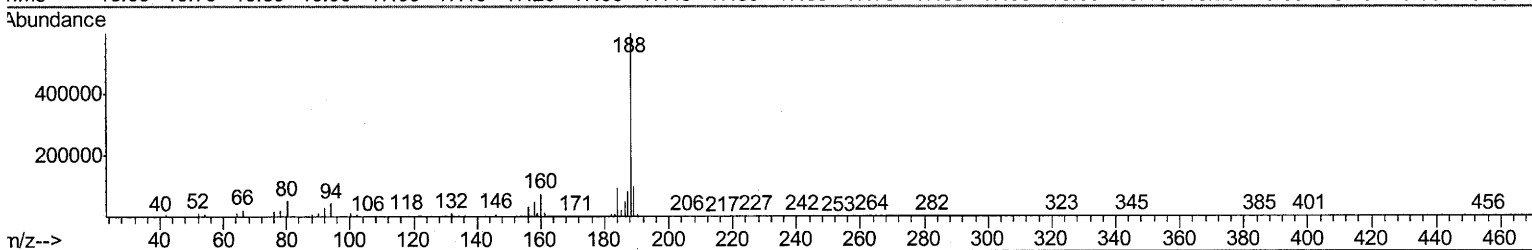
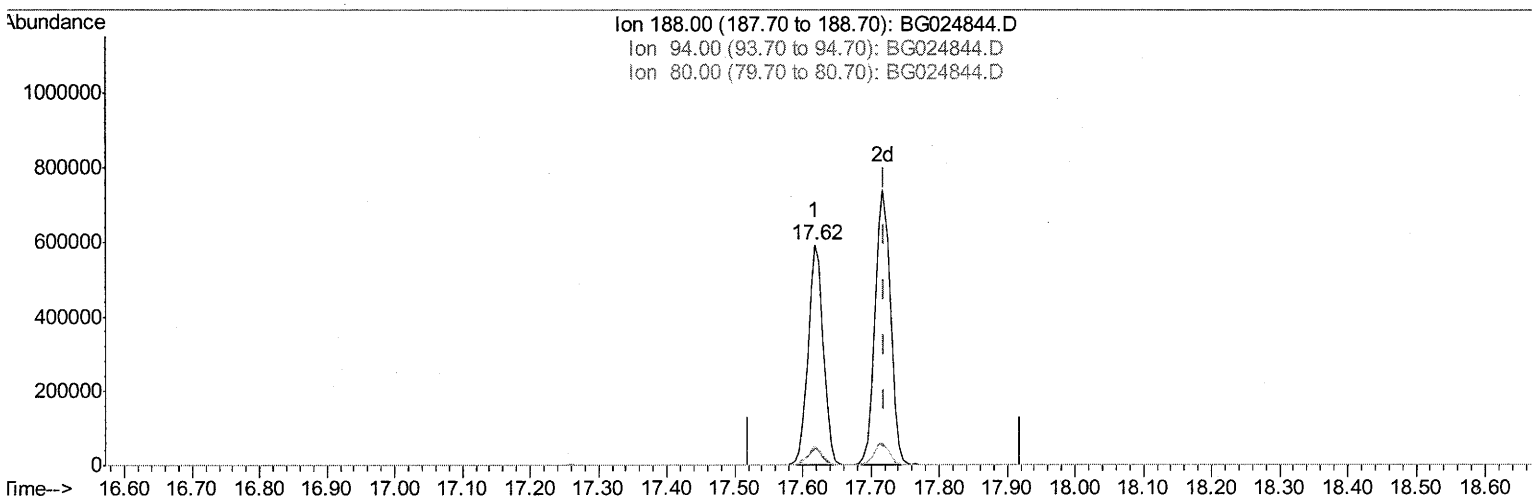
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024844.D
Acq On : 19 Nov 2016 3:29
Operator : UM/SJ
Sample : H5695-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHST5MS

Manual Integrations
APPROVED

sohil
11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:51:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration



TIC: BG024844.D

(70) Anthracene-d10 (S)

17.618min (-0.102) 22.64ng/ul

response 927112

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.49
80.00	9.50	8.74
0.00	0.00	0.00

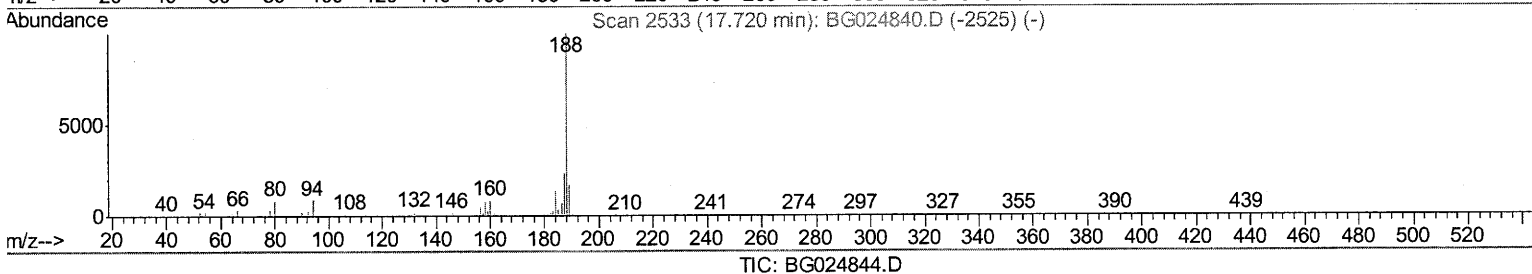
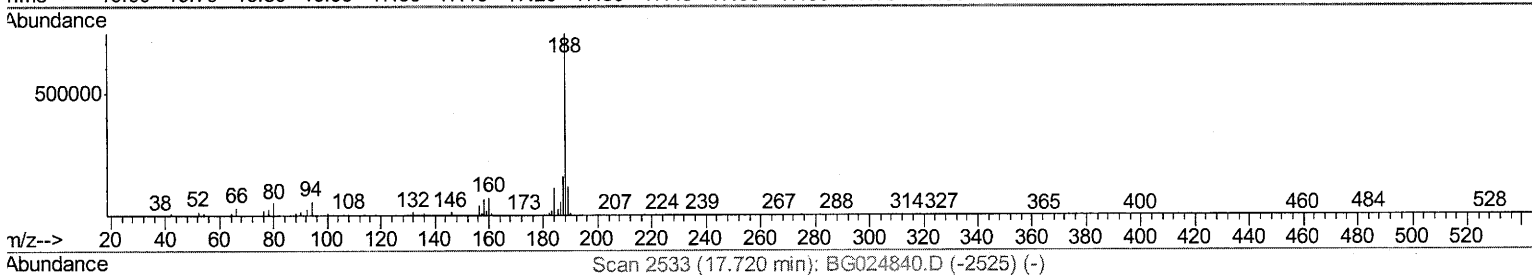
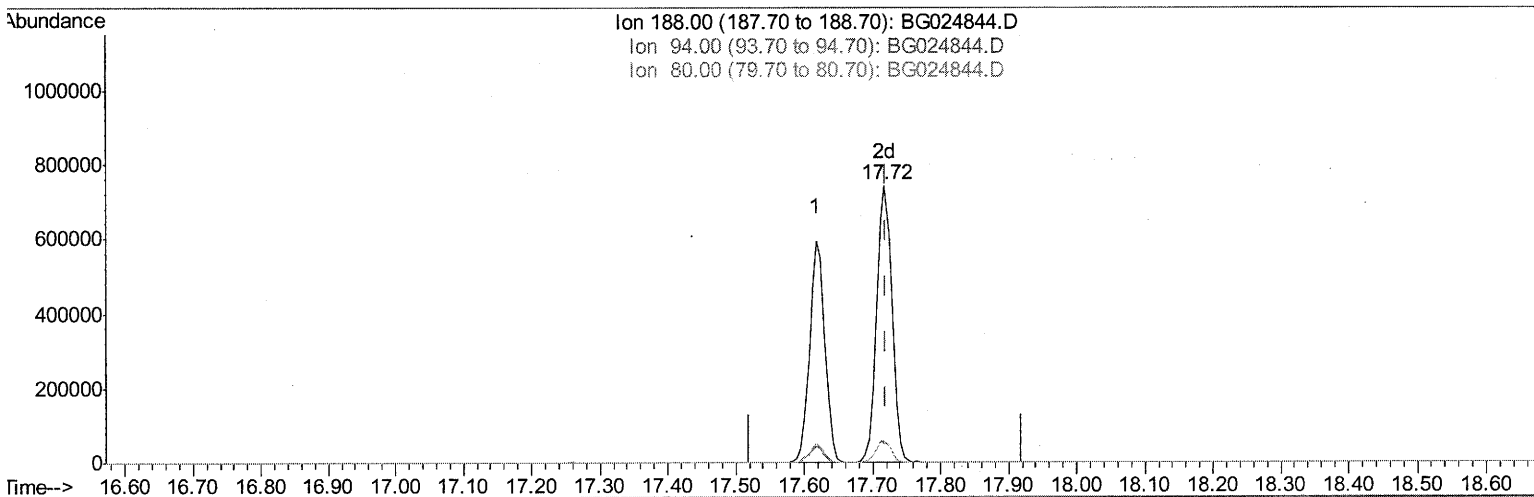
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024844.D
Acq On : 19 Nov 2016 3:29
Operator : UM/SJ
Sample : H5695-09MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHST5MS

Manual Integrations
APPROVED

sohil
11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:51:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 03:34:56 2016
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.718min (-0.002) 28.39ng/ul m

response 1162515

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.72
80.00	9.50	6.80#
0.00	0.00	0.00

UM
11/21/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
 Data File : BG024844.D
 Acq On : 19 Nov 2016 3:29
 Operator : UM/SJ
 Sample : H5695-09MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHST5MS

Manual Integrations
 APPROVED

sohil
 11/21/2016 3:42:04 PM

Quant Time: Nov 19 04:53:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 03:34:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	115297	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	501302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	448872	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	927112	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1140442	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1201807	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	11580m	5.20	ng/uL	0.00	um
5) Phenol-d5	7.39	99	260049	26.33	ng/ul	0.00	11/21/16
7) Bis-(2-Chloroethyl)ether-d	7.57	67	165261	26.59	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.78	132	185431	26.18	ng/ul	0.00	
13) 4-Methylphenol-d8	8.95	113	230028	27.73	ng/ul	0.00	
19) Nitrobenzene-d5	9.43	128	108499	28.58	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.16	143	127777	28.20	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.69	165	239793	26.59	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.22	131	295727	29.35	ng/ul	0.00	
43) Dimethylphthalate-d6	14.27	166	836595	25.56	ng/ul	0.00	
46) Acenaphthylene-d8	14.57	160	975620	27.36	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.06	143	130494	22.41	ng/ul	0.00	
57) Fluorene-d10	15.86	176	773350	25.10	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.97	200	135452	21.25	ng/ul	0.00	
70) Anthracene-d10	17.72	188	1162515m	28.39	ng/ul	0.00	um
76) Pyrene-d10	19.99	212	1353745	27.38	ng/ul	0.00	11/21/16
87) Benzo(a)pyrene-d12	25.11	264	1458510	27.72	ng/ul	0.00	

Target Compounds

						Qvalue
6) Phenol	7.42	94	289699	28.08	ng/ul	95
10) 2-Chlorophenol	7.82	128	174349	25.45	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.06	70	199508	28.11	ng/ul	89
33) 4-Chloro-3-methylphenol	12.34	107	281825	26.93	ng/ul	98
44) Dimethylphthalate	14.32	163	279575	8.90	ng/ul#	95
49) Acenaphthene	14.94	153	621524	25.43	ng/ul	99
52) 4-Nitrophenol	15.07	109	152014	21.80	ng/ul	96
54) 2,4-Dinitrotoluene	15.23	165	249252	24.97	ng/ul#	92
68) Pentachlorophenol	17.26	266	191325	25.98	ng/ul	96
77) Pyrene	20.02	202	1521092	27.14	ng/ul	98

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