

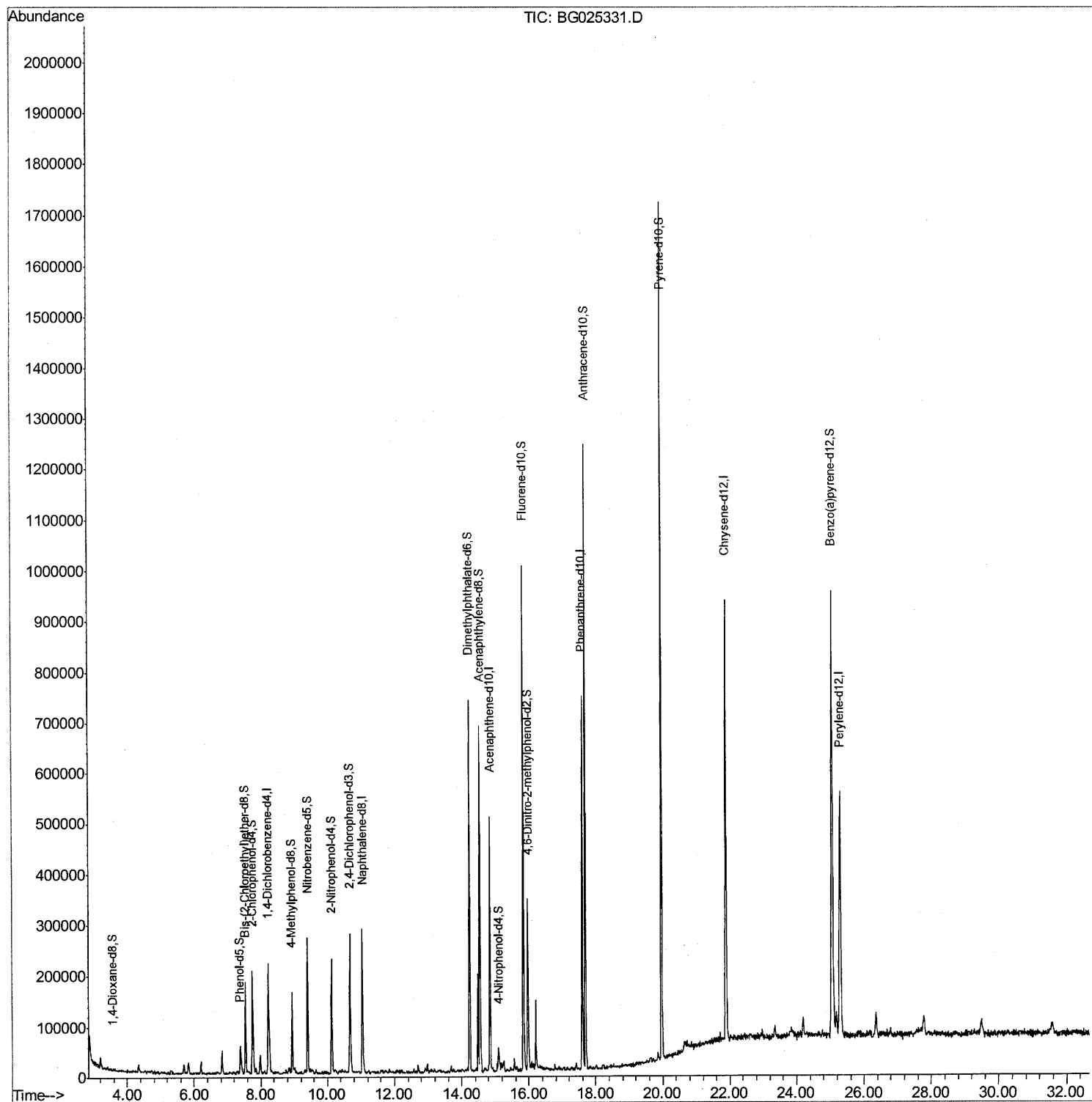
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J4

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:51 PM

Quant Time: Dec 20 02:59:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration



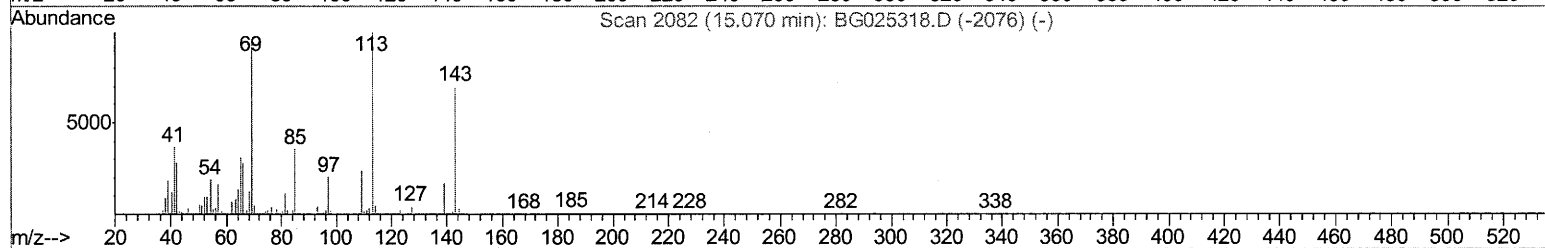
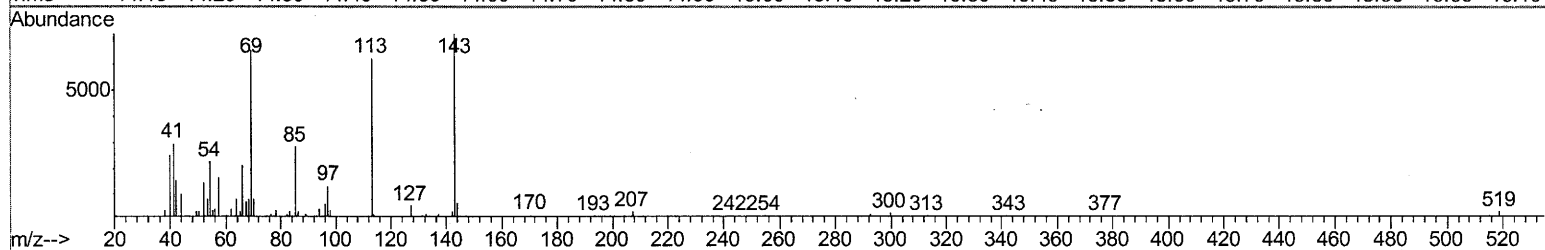
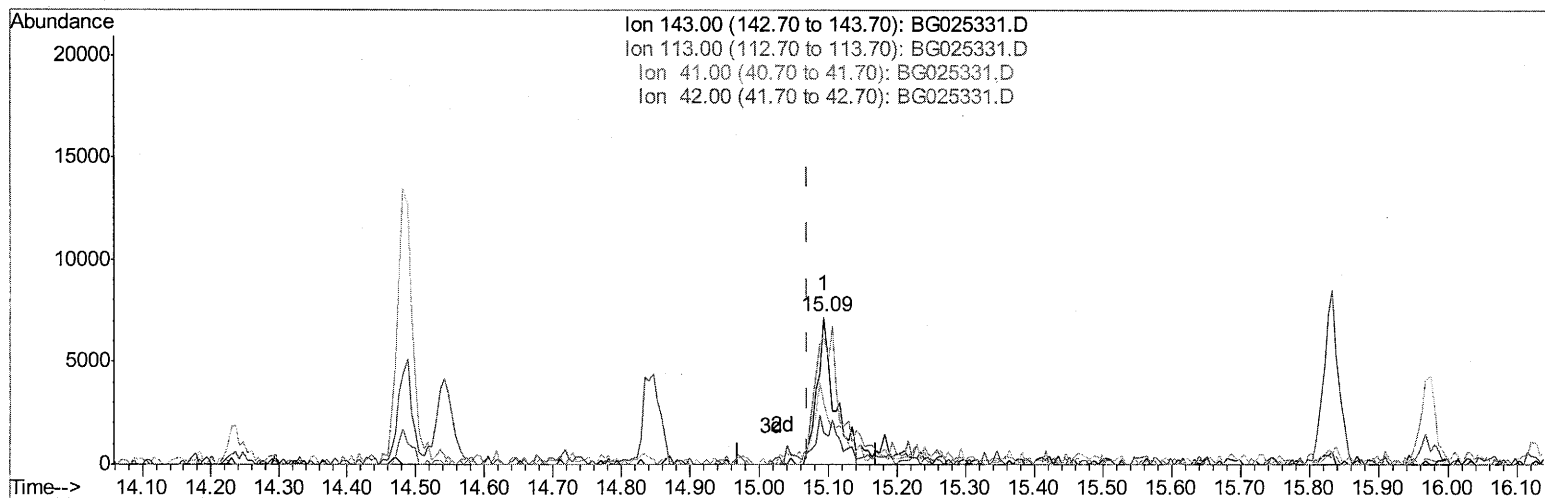
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DA7J4

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:51 PM

Quant Time: Dec 20 02:27:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration



TIC: BG025331.D

(51) 4-Nitrophenol-d4 (S)

15.093min (+0.023) 5.74ng/ul

response 12611

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	86.75#
41.00	58.00	41.04#
42.00	42.20	21.63#

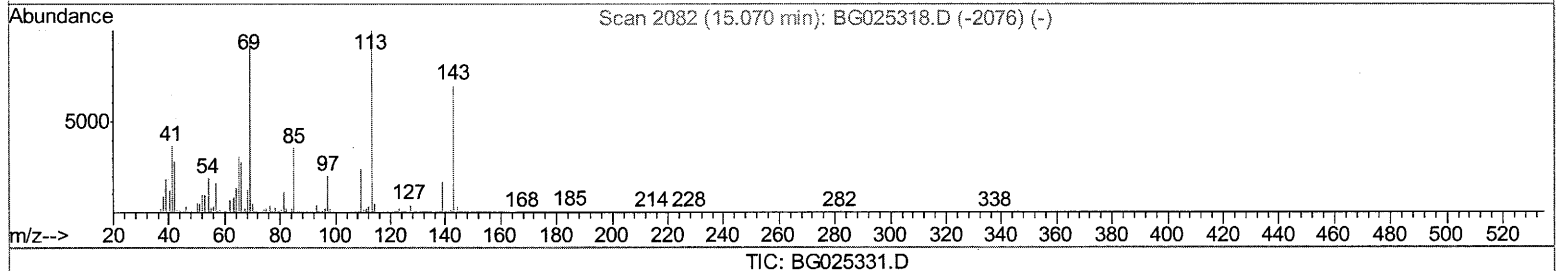
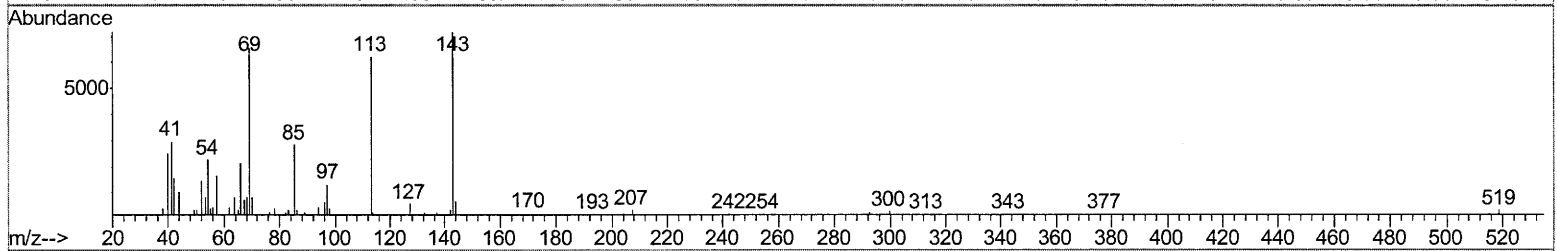
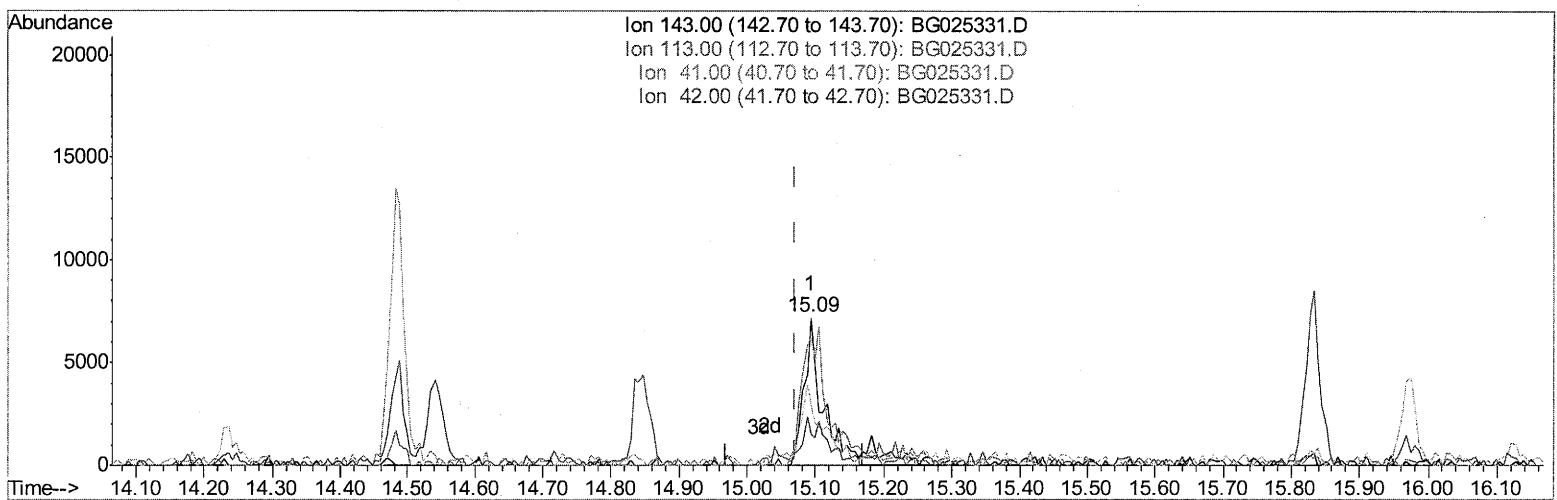
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025331.D
Acq On : 19 Dec 2016 23:42
Operator : UM/SJ
Sample : H6106-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7J4

Manual Integrations
APPROVED

sohil
12/20/2016 6:29:51 PM

Quant Time: Dec 20 02:27:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.093min (+0.023) 6.17ng/ul m

response 13549

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	86.75#
41.00	58.00	41.04#
42.00	42.20	21.63#

CM
12/20/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
 Data File : BG025331.D
 Acq On : 19 Dec 2016 23:42
 Operator : UM/SJ
 Sample : H6106-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7J4

Manual Integrations
 APPROVED

sohil
 12/20/2016 6:29:51 PM

Quant Time: Dec 20 02:59:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 20 02:21:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	52776	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	226746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	185794	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	436946	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	607233	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	614253	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	1717	1.68	ng/uL	0.00
5) Phenol-d5	7.38	99	32395	7.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	89790	31.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.75	132	81254	25.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	60702	15.95	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	53741	33.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	61205	30.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	112226	29.15	ng/ul	0.01
29) 4-Chloroaniline-d4	11.23	131	1199	0.32	ng/ul	0.03
43) Dimethylphthalate-d6	14.24	166	466515	36.50	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	486820	34.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	13549m	6.17	ng/ul	0.02
57) Fluorene-d10	15.83	176	405863	33.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	78448	29.04	ng/ul	0.00
70) Anthracene-d10	17.69	188	728252	39.49	ng/ul	0.00
76) Pyrene-d10	19.96	212	965251	38.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	985485	39.60	ng/ul	0.00

UM
 12/20/16

Target Compounds Qvalue

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