

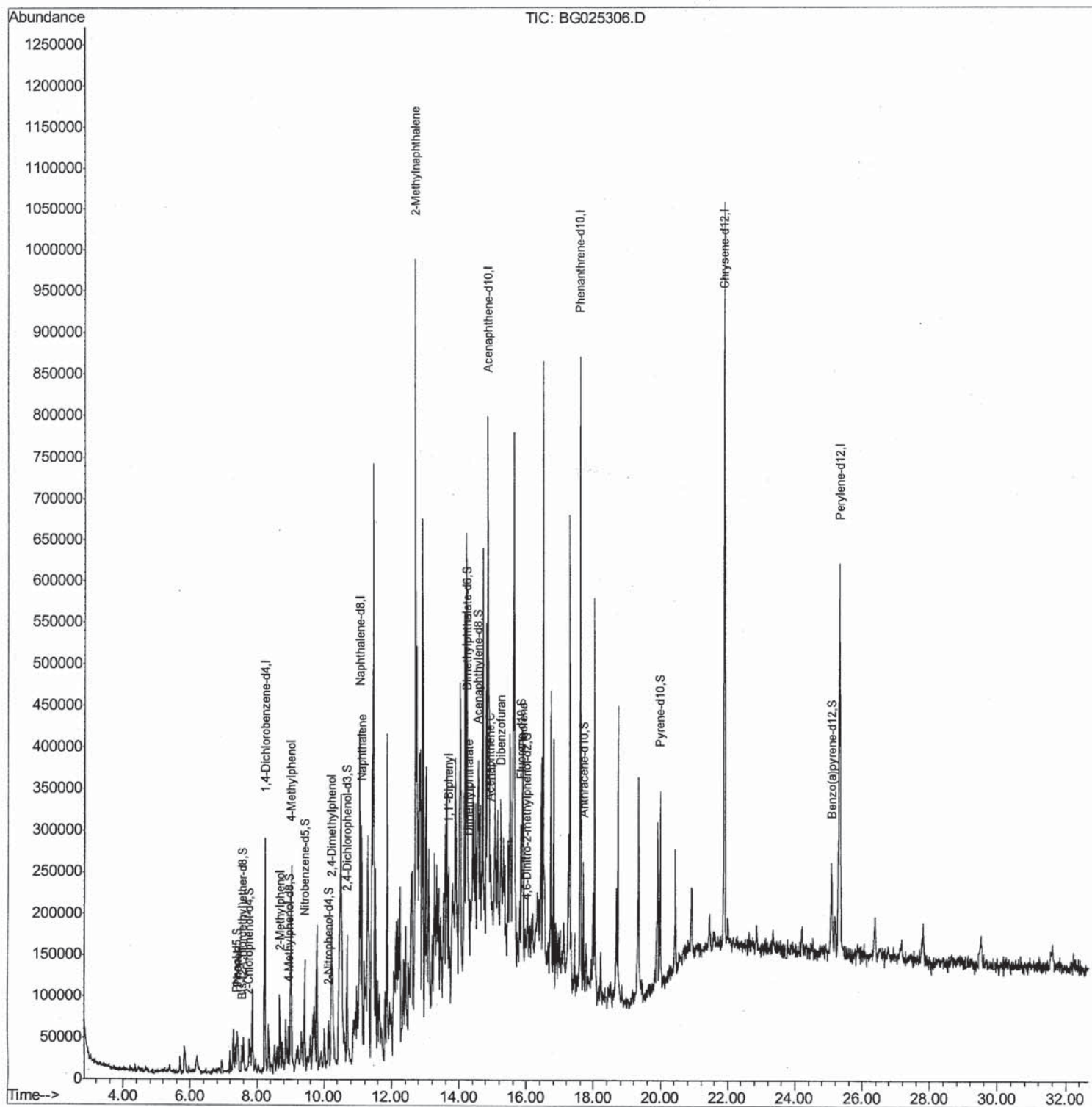
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025306.D
Acq On : 18 Dec 2016 11:54
Operator : UM/SJ
Sample : H5905-18DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA817DL

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:56 AM

Quant Time: Dec 19 06:12:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



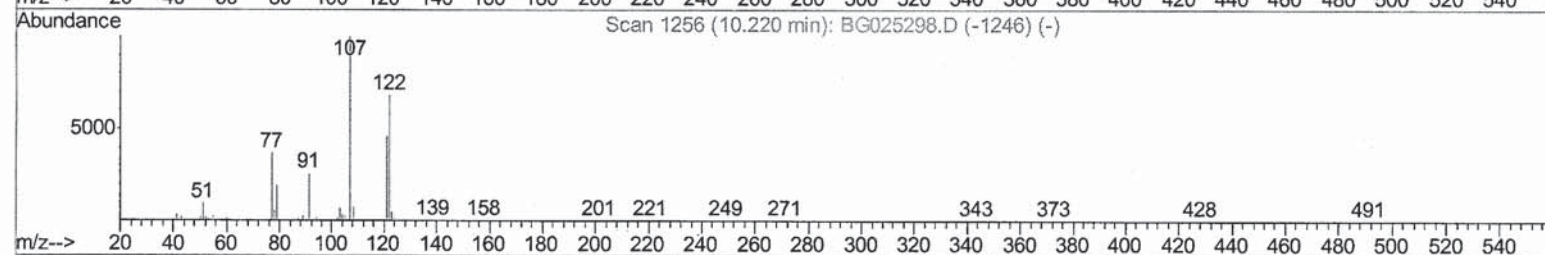
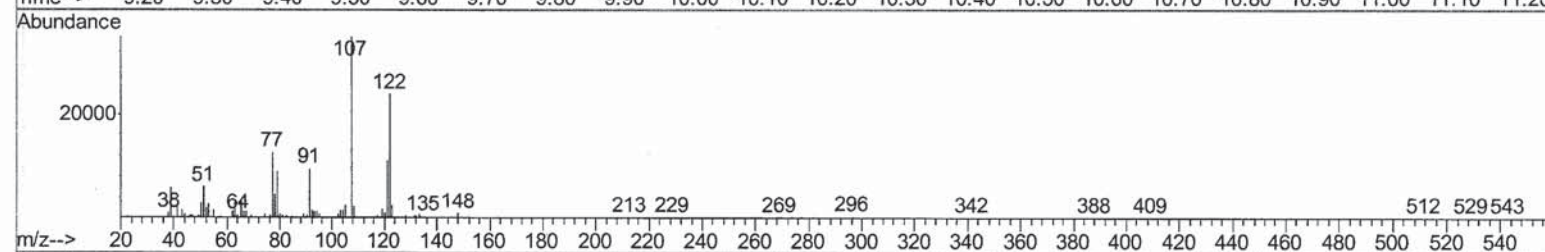
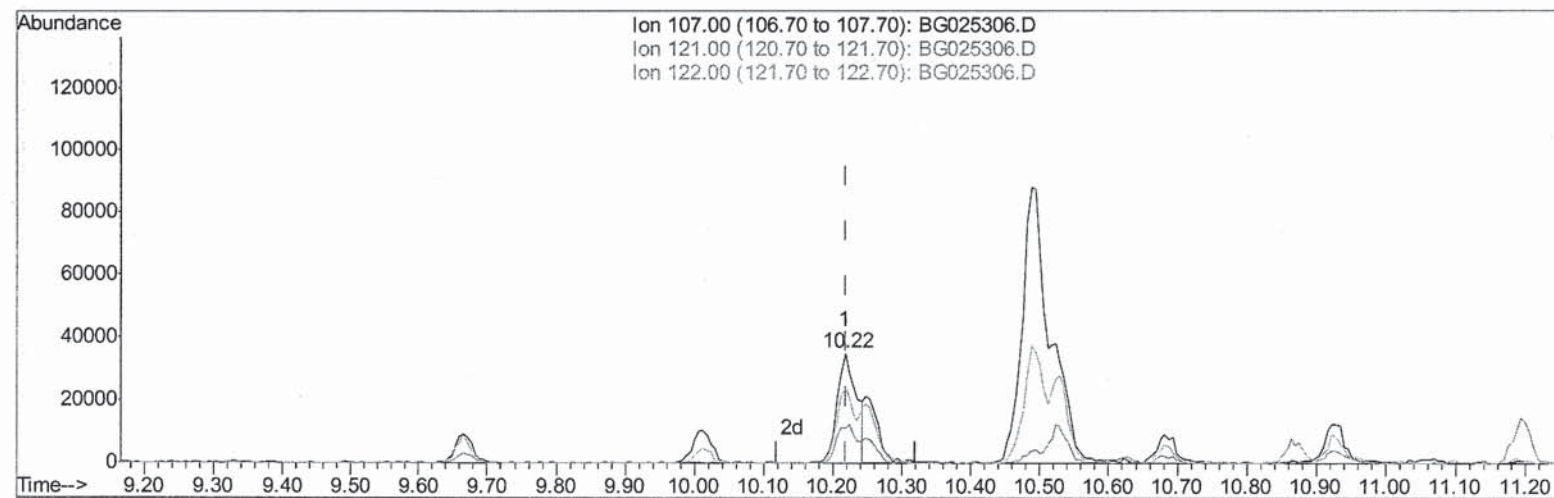
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025306.D
Acq On : 18 Dec 2016 11:54
Operator : UM/SJ
Sample : H5905-18DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA817DL

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:56 AM

Quant Time: Dec 19 04:46:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



TIC: BG025306.D

(24) 2,4-Dimethylphenol

10.217min (-0.002) 11.24ng/ul

response 67290

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	31.60#
122.00	76.50	68.45
0.00	0.00	0.00

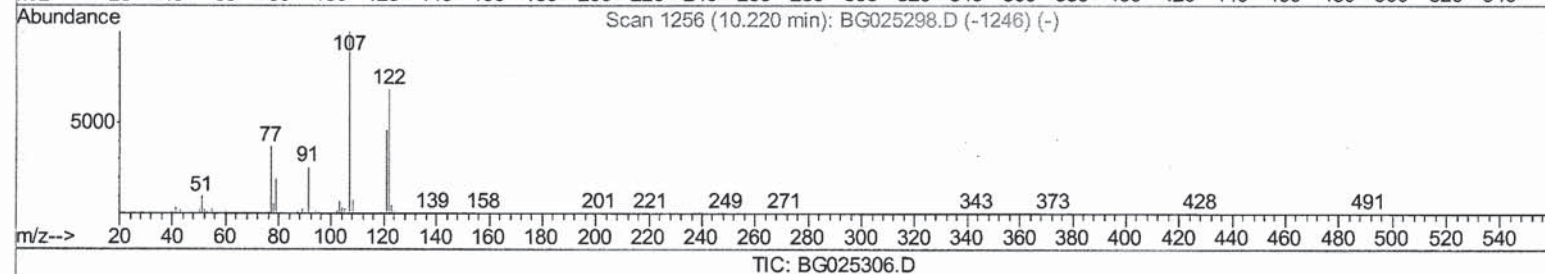
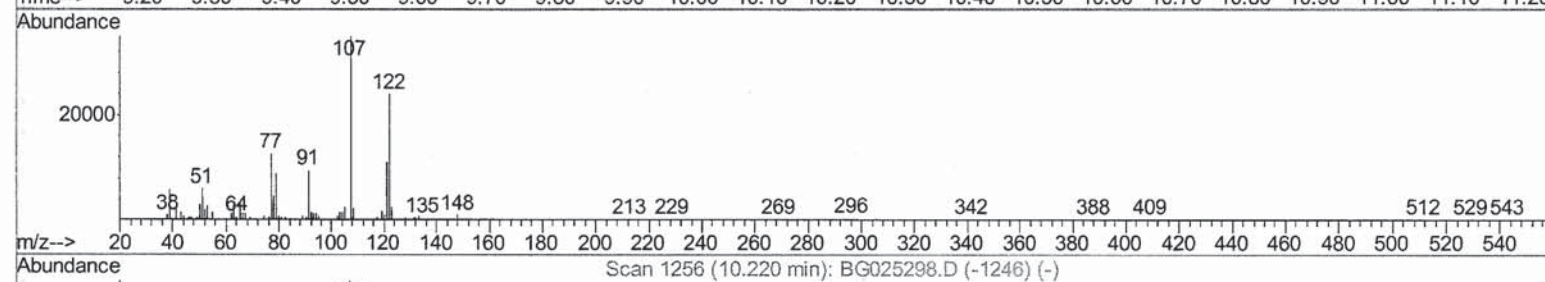
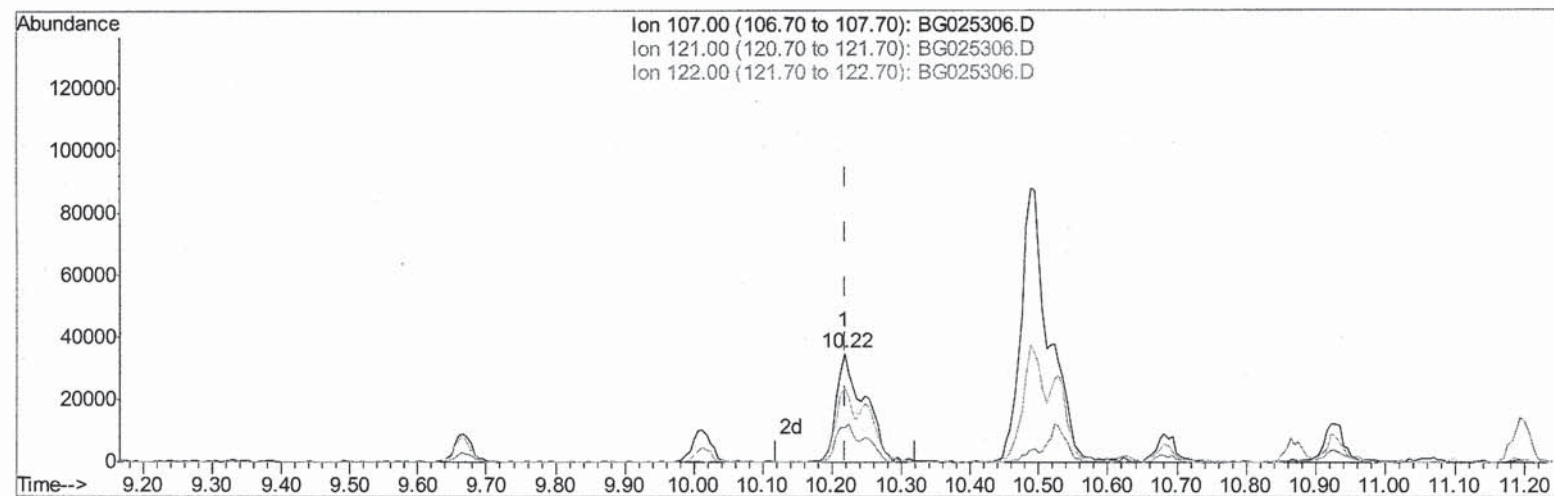
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025306.D
Acq On : 18 Dec 2016 11:54
Operator : UM/SJ
Sample : H5905-18DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA817DL

Manual Integrations
APPROVED

umangi
12/20/2016 10:55:56 AM

Quant Time: Dec 19 04:46:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 04:41:40 2016
Response via : Initial Calibration



(24) 2,4-Dimethylphenol

10.217min (-0.002) 16.24ng/ul m

response 97187

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	31.60#
122.00	76.50	68.45
0.00	0.00	0.00

um
12/19/16

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025306.D
 Acq On : 18 Dec 2016 11:54
 Operator : UM/SJ
 Sample : H5905-18DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA817DL

Manual Integrations
 APPROVED

umangi
 12/20/2016 10:55:56 AM

Quant Time: Dec 19 06:12:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	71614	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	292230	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	229971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	480706	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	611336	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	604355	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1076	0.78	ng/uL	0.00
5) Phenol-d5	7.40	99	21559	3.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	16899	4.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	17064	3.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	19606	3.80	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	9370	4.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	10892	4.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	20135	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	67227	4.25	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	78537	4.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	2594	0.95	ng/ul	-0.01
57) Fluorene-d10	15.84	176	69191	4.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	3545	1.19	ng/ul	0.03
70) Anthracene-d10	17.70	188	96150	4.74	ng/ul	0.00
76) Pyrene-d10	19.97	212	116943	4.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	111396	4.55	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	7.42	94	10824	1.71	ng/ul# 81
11) 2-Methylphenol	8.68	108	31754	6.80	ng/ul# 79
16) 4-Methylphenol	9.01	108	89203	17.17	ng/ul 95
24) 2,4-Dimethylphenol	10.22	107	97187m	16.24	ng/ul 98
28) Naphthalene	11.11	128	216057	15.90	ng/ul 93
34) 2-Methylnaphthalene	12.70	142	412175	38.45	ng/ul 95
40) 1,1'-Biphenyl	13.69	154	85519	6.13	ng/ul 94
44) Dimethylphthalate	14.30	163	31294	2.01	ng/ul# 75
49) Acenaphthene	14.92	153	21813	1.89	ng/ul# 92
53) Dibenzofuran	15.25	168	56404	3.09	ng/ul 93
58) Fluorene	15.90	166	59171	3.98	ng/ul

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