

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG028011.D
 Acq On : 20 Jul 2017 23:24
 Operator : SJ/JU
 Sample : I4209-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 02:26:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 21 02:24:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	40185	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	171455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	128515	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	356353	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	472408	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	459579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.87	96	4183	5.74	ng/uL	0.00
5) Phenol-d5	7.52	99	94020	28.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.69	67	53545	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	86395	33.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	86147	31.51	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	39699	31.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	47672	31.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	102583	34.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	121549	45.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	411340	36.92	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	440525	34.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	39380	24.41	ng/ul	0.00
57) Fluorene-d10	15.96	176	382661	36.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42444	17.15	ng/ul	0.00
70) Anthracene-d10	17.82	188	649521	37.80	ng/ul	0.00
76) Pyrene-d10	20.09	212	802347	37.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	837006	38.99	ng/ul	0.00

Target Compounds

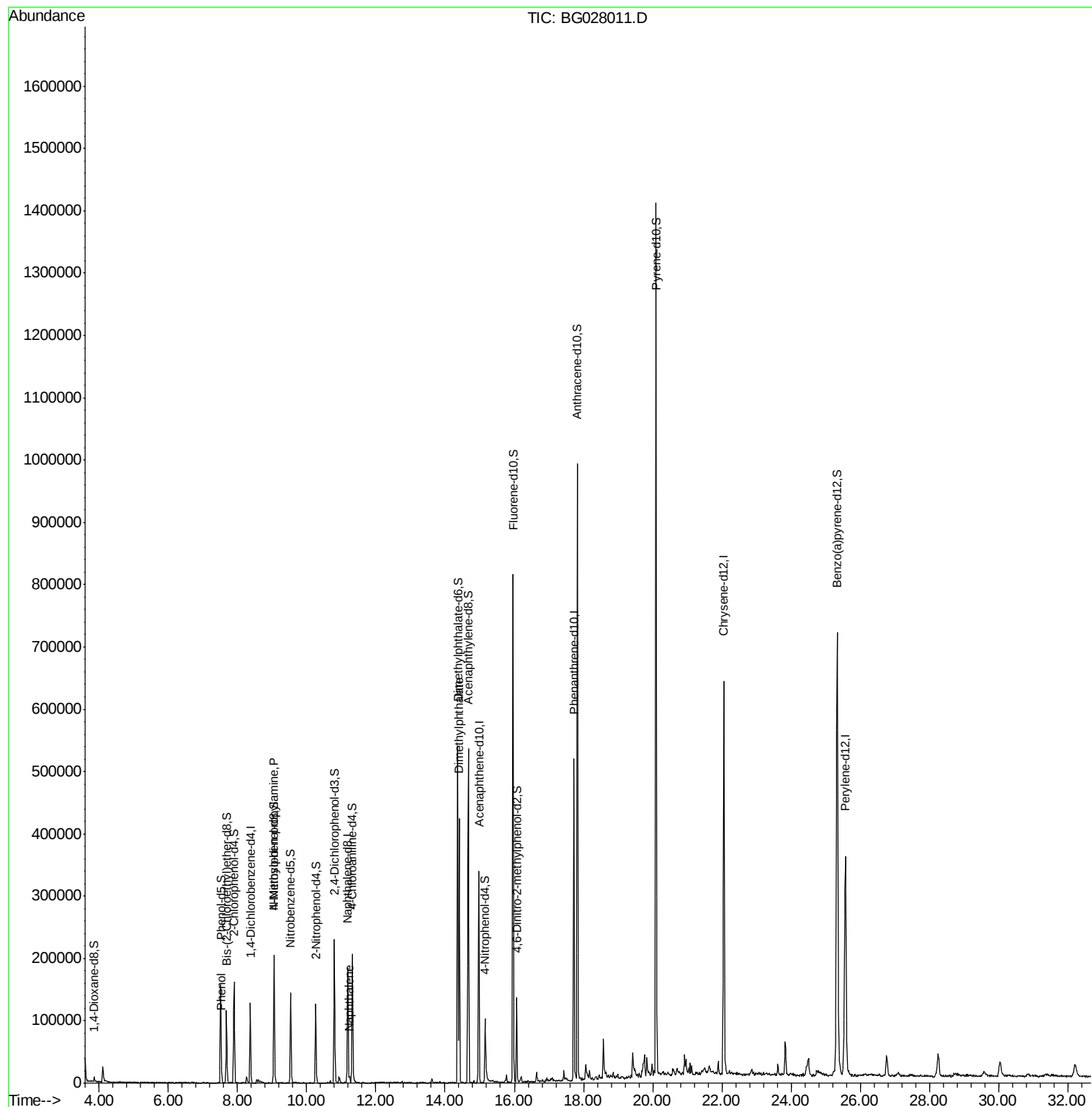
					Ovalue	
6) Phenol	7.54	94	5997	1.871	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.06	70	2333	1.181	ng/ul#	1
28) Naphthalene	11.24	128	10063	1.239	ng/ul#	93
44) Dimethylphthalate	14.41	163	299939	29.565	ng/ul	99

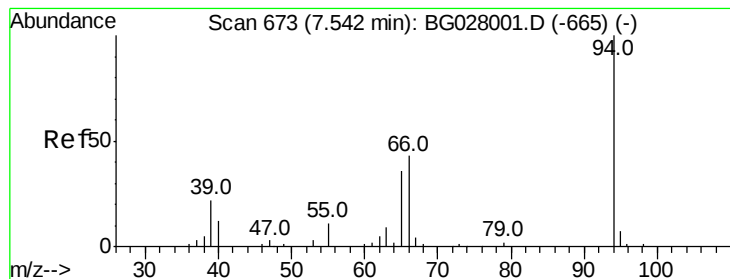
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.871 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

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Acq: 20 Jul 2017 23:24

Instrument :

BNA_G

ClientSampleId :

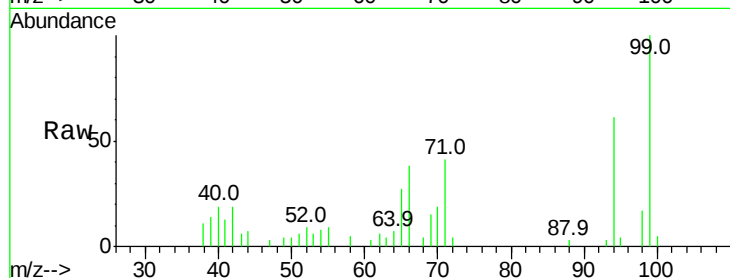
Tot Ion: 94 Resp: 5997

Ion Ratio Lower Upper

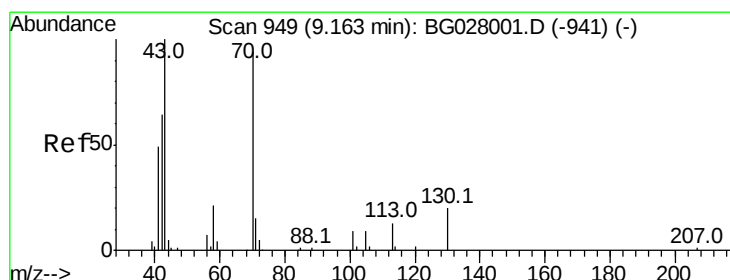
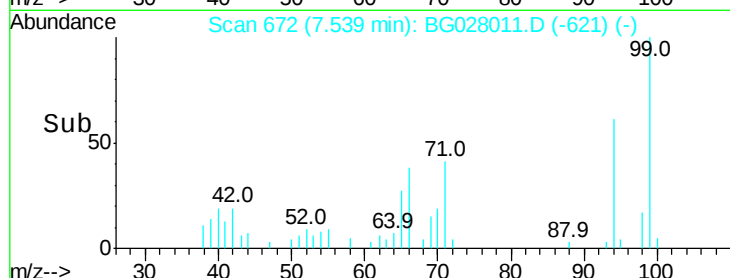
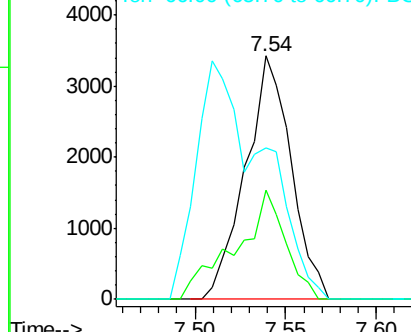
94 100

65 44.7 26.8 40.2#

66 62.0 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 1.181 ng/ul

RT: 9.06 min Scan# 931

Delta R.T. -0.10 min

Lab File: BG028011.D

Acq: 20 Jul 2017 23:24

Tgt Ion: 70 Resp: 2333

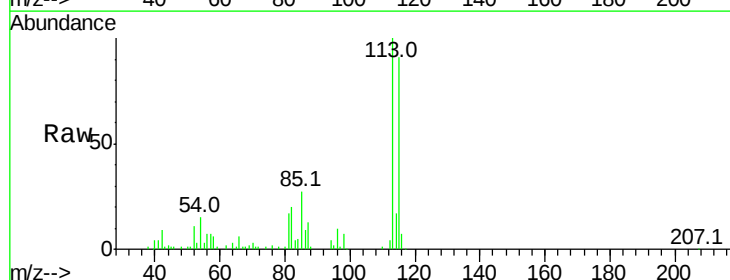
Ion Ratio Lower Upper

70 100

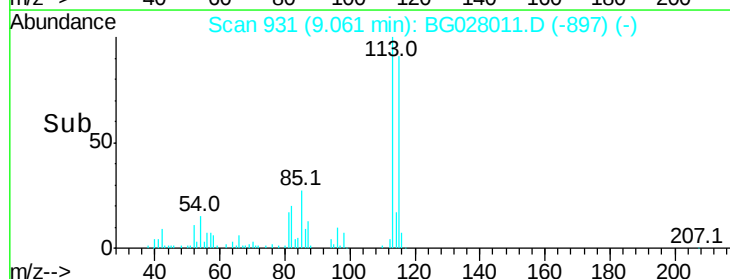
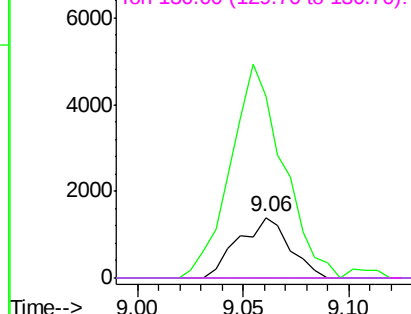
42 301.1 59.0 88.6#

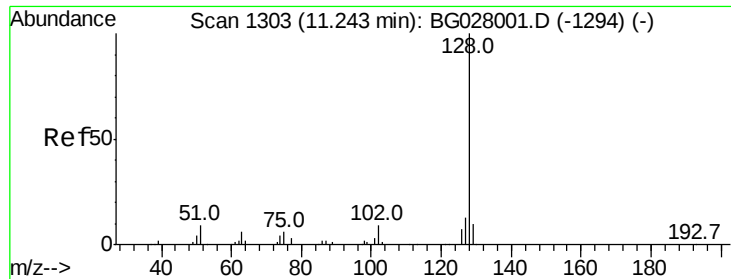
101 0.0 6.6 9.8#

130 0.0 15.6 23.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#28

Naphthalene

Concen: 1.239 ng/ul

RT: 11.24 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG028011.D

Acq: 20 Jul 2017 23:24

Instrument :

BNA_G

ClientSampleId :

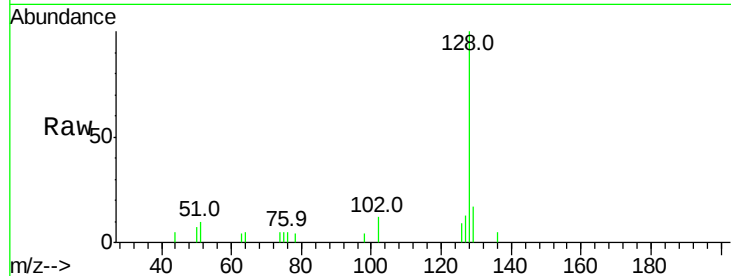
Tot Ion:128 Resp: 10063

Ion Ratio Lower Upper

128 100

129 17.0 9.4 14.2#

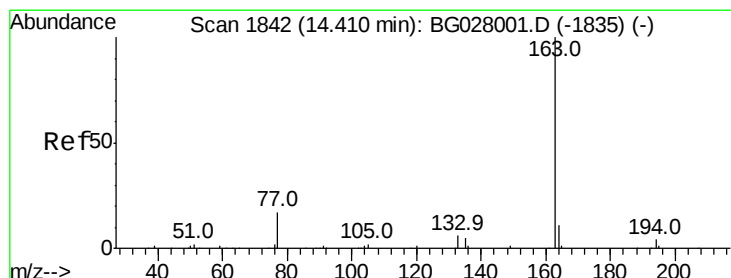
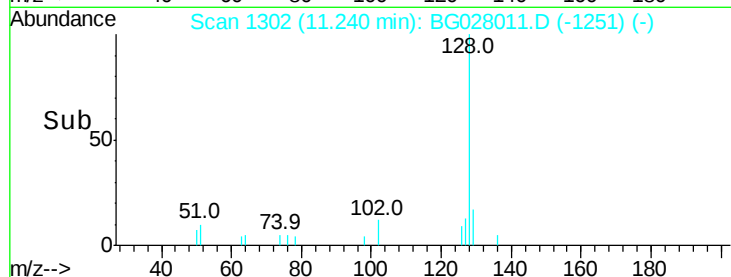
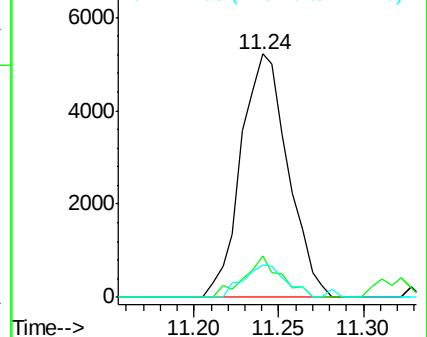
127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 29.565 ng/ul

RT: 14.41 min Scan# 1841

Delta R.T. -0.00 min

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Acq: 20 Jul 2017 23:24

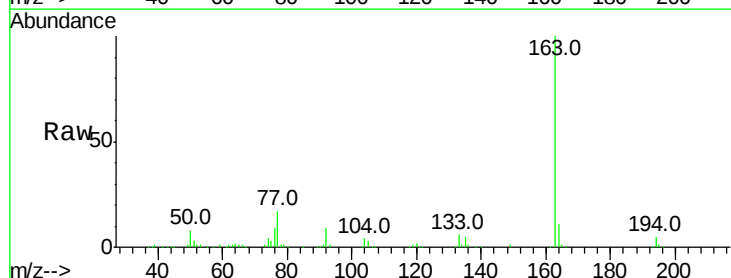
Tgt Ion:163 Resp: 299939

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

164 11.1 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

