

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
 Data File : BG019718.D
 Acq On : 19 Nov 2015 23:23
 Operator : UM/NP
 Sample : G4310-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM9

Quant Time: Nov 20 01:18:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 01:13:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	30583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	134480	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	108650	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	301567	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	384294	20.00	ng/ul	0.00
86) Perylene-d12	25.12	264	363516	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	3188	4.45	ng/uL	0.00
5) Phenol-d5	7.30	99	96388	30.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	60796	29.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	60142	29.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	78438	30.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	33043	29.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	30678	24.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	84415	31.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	82904	32.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	299195	30.45	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	335295	31.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	48034	31.03	ng/ul	0.00
58) Fluorene-d10	15.77	176	277348	31.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	4090	2.10	ng/ul	0.00
71) Anthracene-d10	17.63	188	471531	32.20	ng/ul	0.00
79) Pyrene-d10	19.90	212	562836	32.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.89	264	630468	33.22	ng/ul	0.01

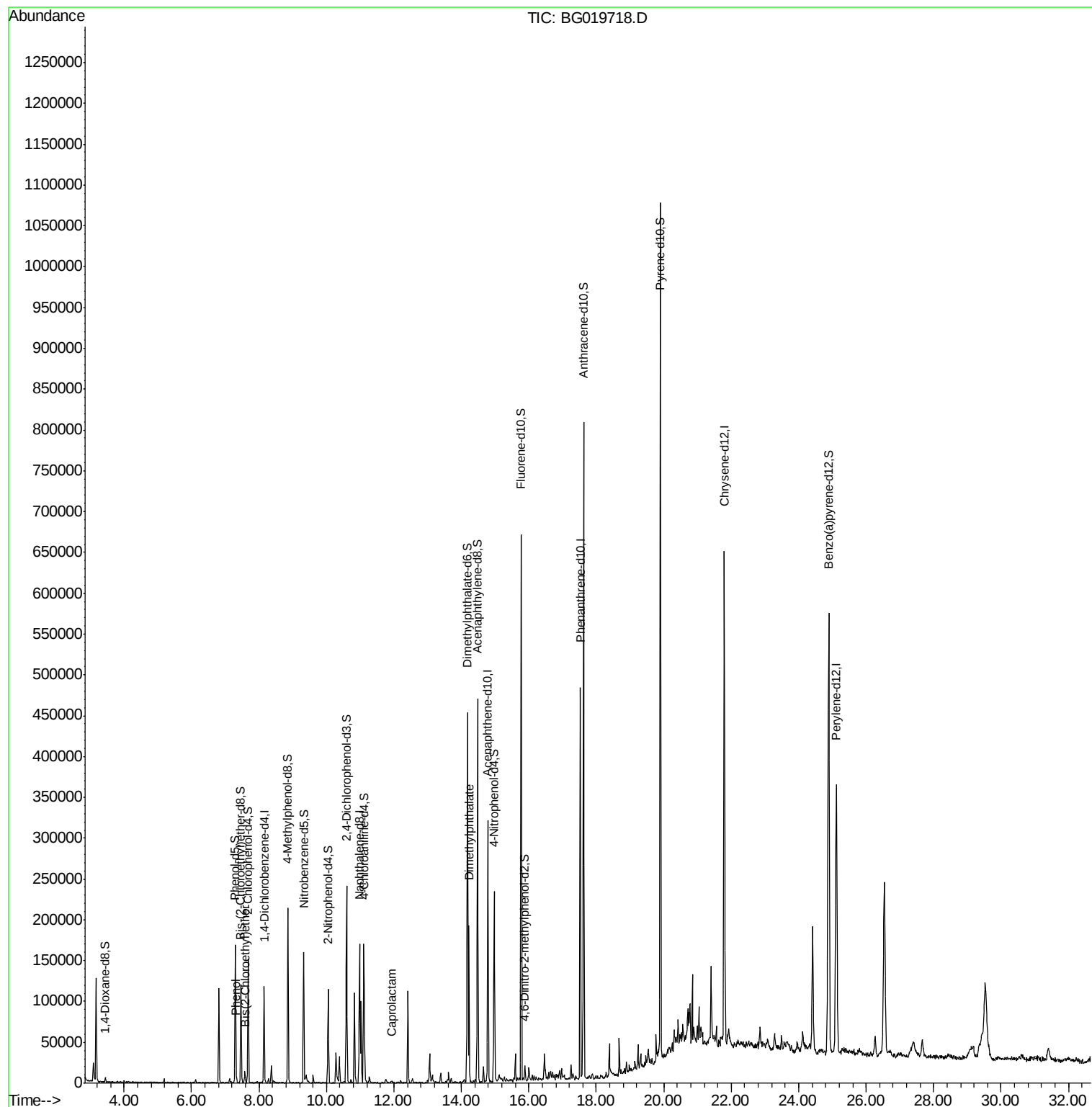
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.33	94	5242	1.55	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.59	93	6544	2.78	ng/ul#	21
32) Caprolactam	11.93	113	1087	1.04	ng/ul#	11
45) Dimethylphthalate	14.22	163	114302	11.73	ng/ul	99

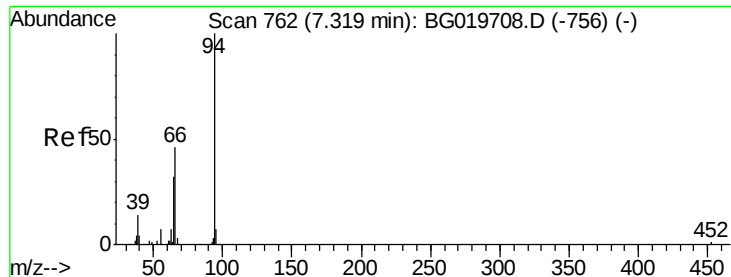
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.55 ng/ul

RT: 7.33 min Scan# 764

Delta R.T. 0.01 min

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Acq: 19 Nov 2015 23:23

Instrument :

BNA_G

ClientSampleId :

D9KM9

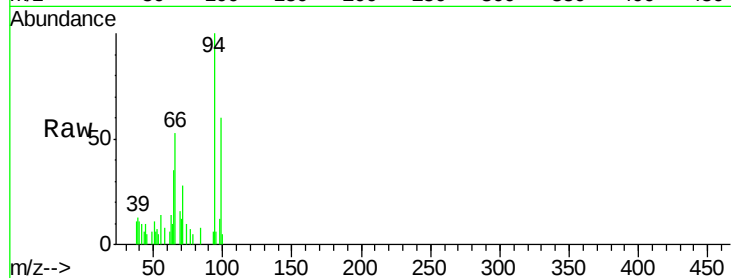
Tot Ion: 94 Resp: 5242

Ion Ratio Lower Upper

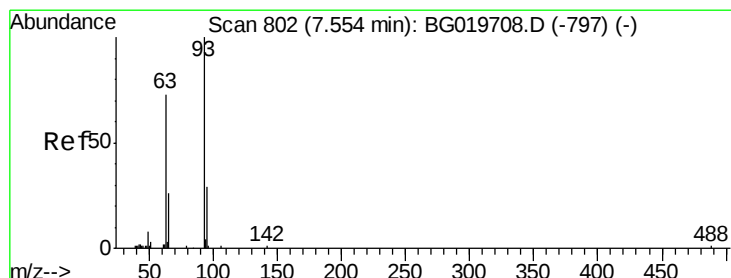
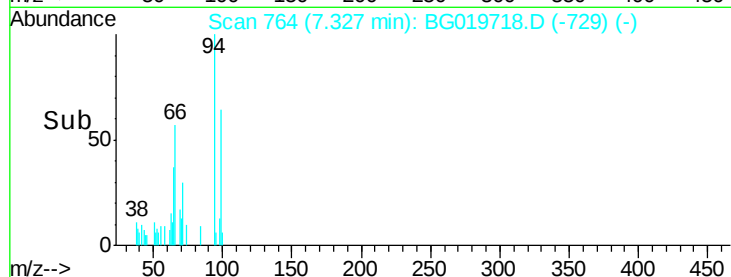
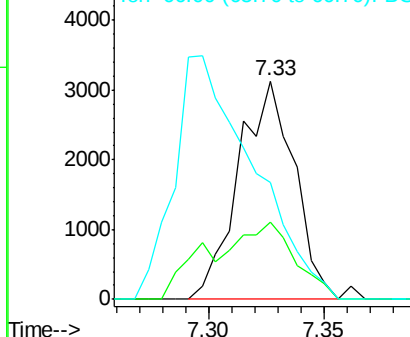
94 100

65 35.2 27.4 41.0

66 53.4 39.0 58.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 2.78 ng/ul

RT: 7.59 min Scan# 808

Delta R.T. 0.03 min

Lab File: BG019718.D

Acq: 19 Nov 2015 23:23

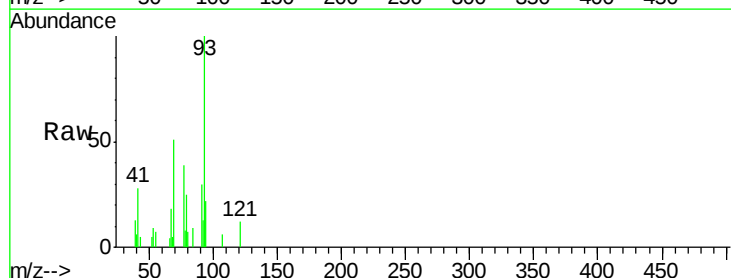
Tgt Ion: 93 Resp: 6544

Ion Ratio Lower Upper

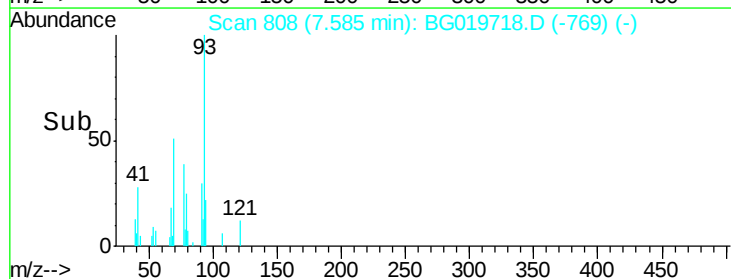
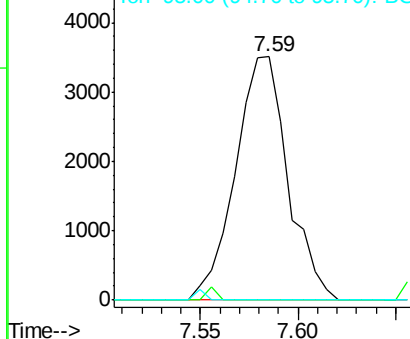
93 100

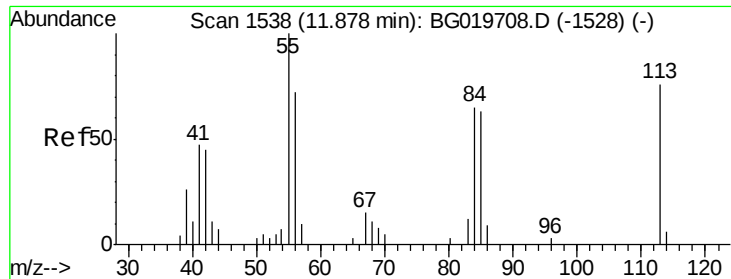
63 0.0 61.0 91.4#

95 0.0 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#32

Caprolactam

Concen: 1.04 ng/ul

RT: 11.93 min Scan# 1547

Delta R.T. 0.05 min

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Acq: 19 Nov 2015 23:23

Instrument :

BNA_G

ClientSampleId :

D9KM9

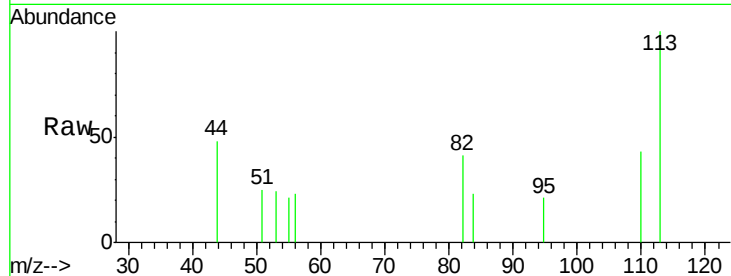
Tot Ion:113 Resp: 1087

Ion Ratio Lower Upper

113 100

55 20.8 111.4 167.0#

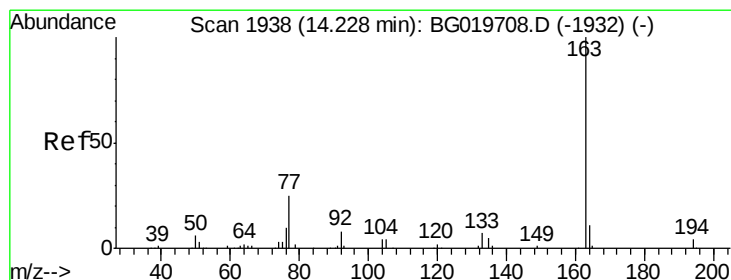
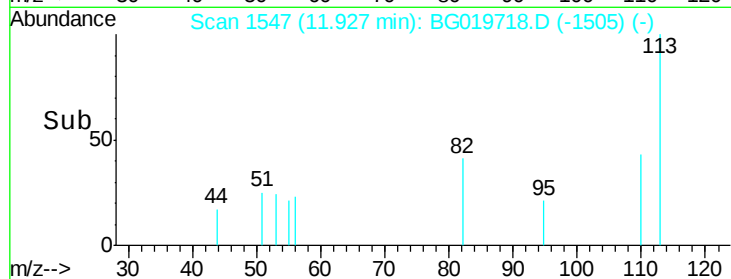
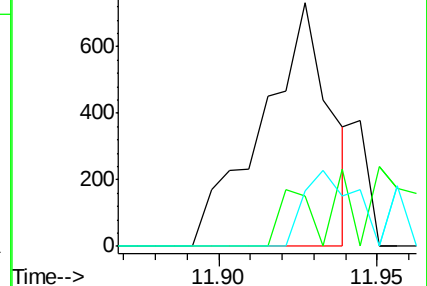
56 22.7 79.0 118.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#45

Dimethylphthalate

Concen: 11.73 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

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Acq: 19 Nov 2015 23:23

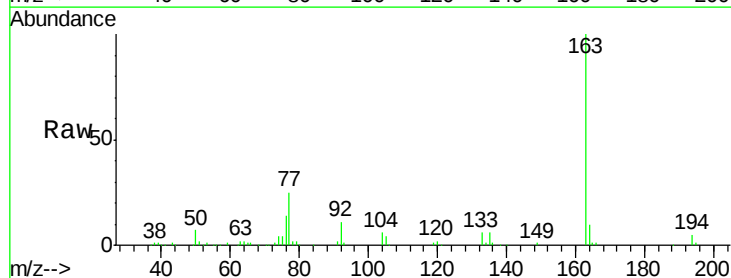
Tgt Ion:163 Resp: 114302

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.1 8.3 12.5



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

