

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019684.D
 Acq On : 18 Nov 2015 6:34
 Operator : UM/NP
 Sample : G4427-18
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 07:25:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	27532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	120405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	97469	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	270759	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	331927	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	319811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2637	4.09	ng/uL	0.00
5) Phenol-d5	7.30	99	68499	24.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	45130	24.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	42539	23.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	55903	23.94	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	23376	23.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	27741	24.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	56665	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	66874	29.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	215517	24.45	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	211787	22.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	31327	22.56	ng/ul	0.00
58) Fluorene-d10	15.77	176	177607	22.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	27143	15.52	ng/ul	0.00
71) Anthracene-d10	17.62	188	324758	24.70	ng/ul	0.00
79) Pyrene-d10	19.89	212	373540	24.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	419873	25.15	ng/ul	0.00

Target Compounds

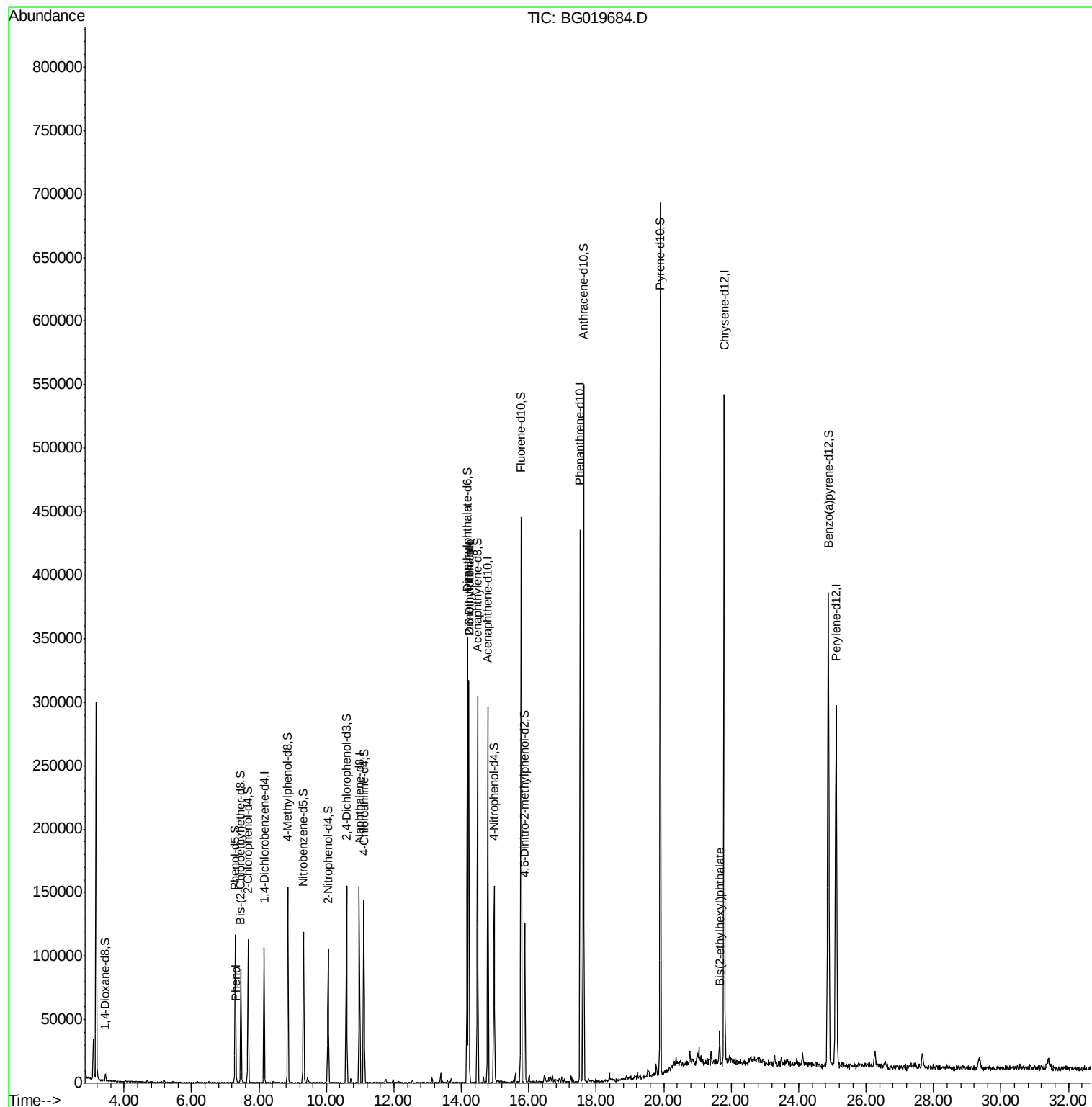
						Ovalue
6) Phenol	7.32	94	4594	1.51	ng/ul	97
45) Dimethylphthalate	14.22	163	187887	21.50	ng/ul	100
46) 2,6-Dinitrotoluene	14.22	165	2324	1.33	ng/ul#	39
84) Bis(2-ethylhexyl)phthalate	21.65	149	9724	1.04	ng/ul#	87

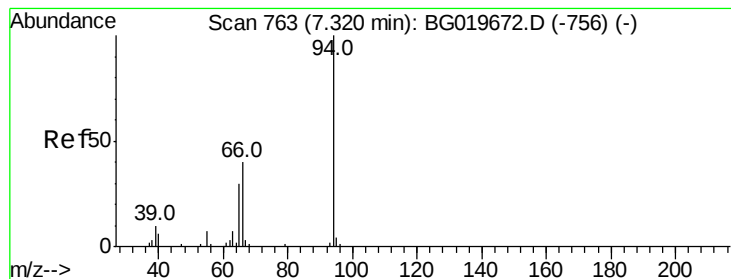
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.51 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG019684.D

Acq: 18 Nov 2015 6:34

Instrument :

BNA_G

ClientSampled :

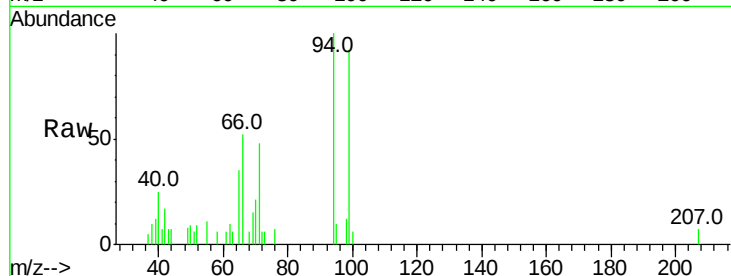
Tot Ion: 94 Resp: 4594

Ion Ratio Lower Upper

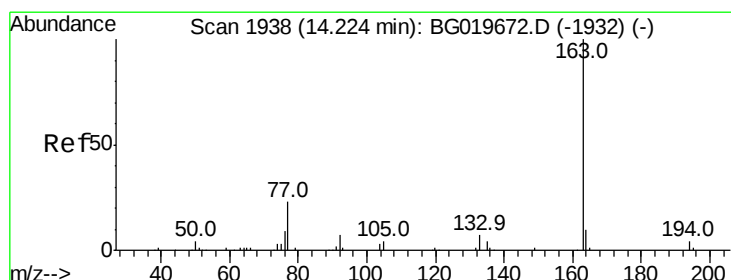
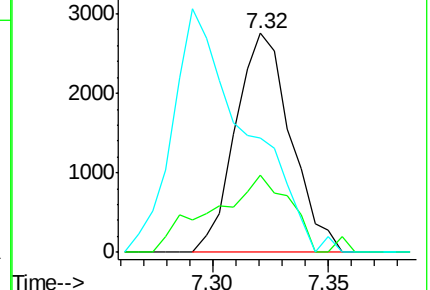
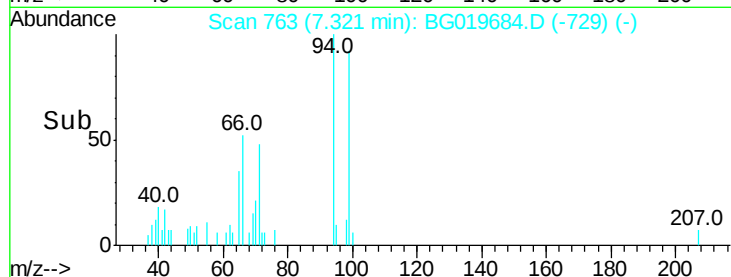
94 100

65 35.1 27.4 41.0

66 51.9 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



#45

Dimethylphthalate

Concen: 21.50 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019684.D

Acq: 18 Nov 2015 6:34

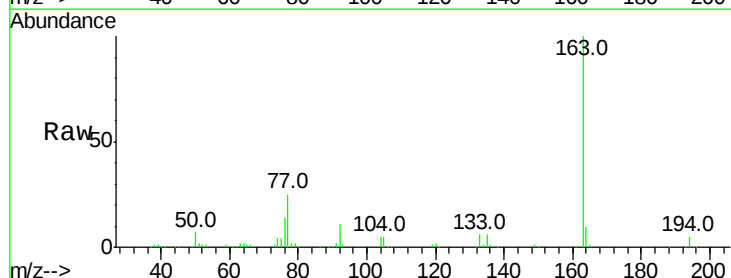
Tgt Ion:163 Resp: 187887

Ion Ratio Lower Upper

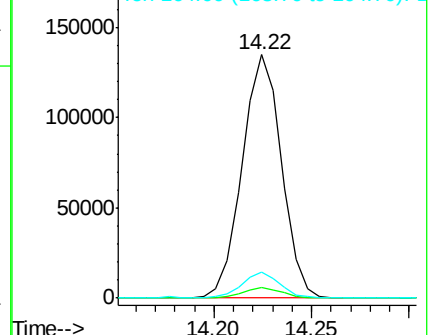
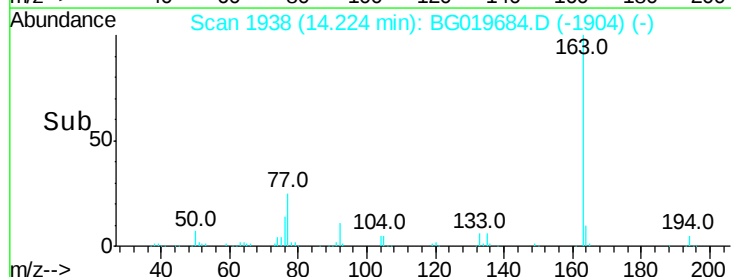
163 100

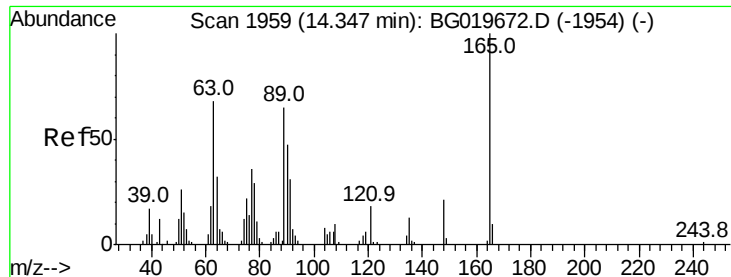
194 4.6 3.5 5.3

164 10.5 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

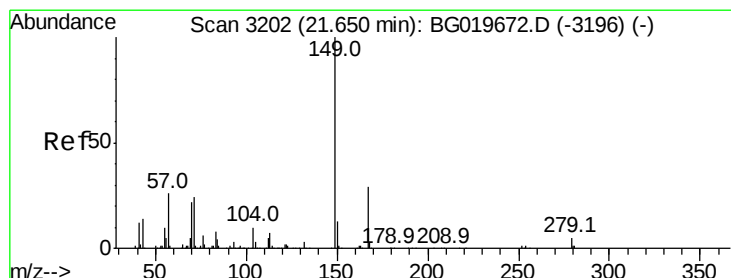
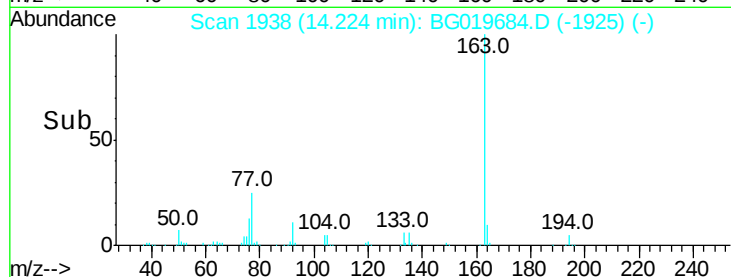
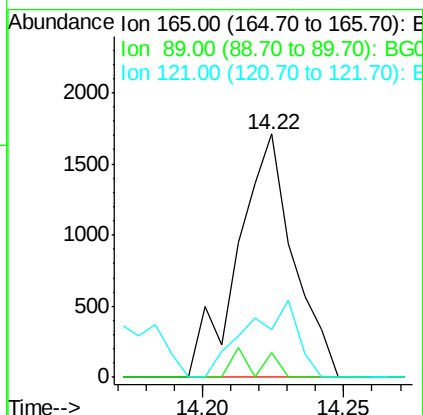
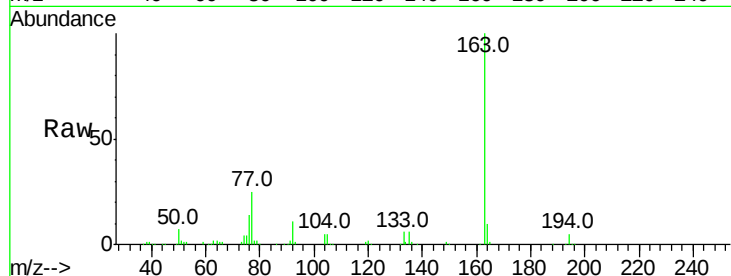




#46
 2,6-Dinitrotoluene
 Concen: 1.33 ng/ul
 RT: 14.22 min Scan# 1938
 Delta R.T. -0.12 min
 Lab File: BG019684.D
 Acq: 18 Nov 2015 6:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 2324
 Ion Ratio Lower Upper
 165 100
 89 10.1 61.1 91.7#
 121 19.6 17.8 26.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.04 ng/ul
 RT: 21.65 min Scan# 3202
 Delta R.T. 0.00 min
 Lab File: BG019684.D
 Acq: 18 Nov 2015 6:34

Tgt Ion:149 Resp: 9724
 Ion Ratio Lower Upper
 149 100
 167 20.5 22.4 33.6#
 279 5.2 3.6 5.4

