

Data Path : U:\HPCHEM1\BNA G\DATA\BG111615\
 Data File : BG019652.D
 Acq On : 17 Nov 2015 2:19
 Operator : UM/NP
 Sample : G4323-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 17 03:27:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 01:14:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	30200	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	127883	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	103163	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	303924	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	417626	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	399451	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	2897	4.10	ng/uL	0.00
5) Phenol-d5	7.29	99	62031	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	45677	22.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	38701	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	45418	17.73	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	23353	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	27246	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	49449	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	62971	25.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	222623	23.86	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	223309	22.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	35412	24.09	ng/ul	0.00
58) Fluorene-d10	15.77	176	186003	22.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	42335	21.56	ng/ul	0.00
71) Anthracene-d10	17.62	188	337313	22.86	ng/ul	0.00
79) Pyrene-d10	19.90	212	401701	21.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	421253	20.20	ng/ul	0.00

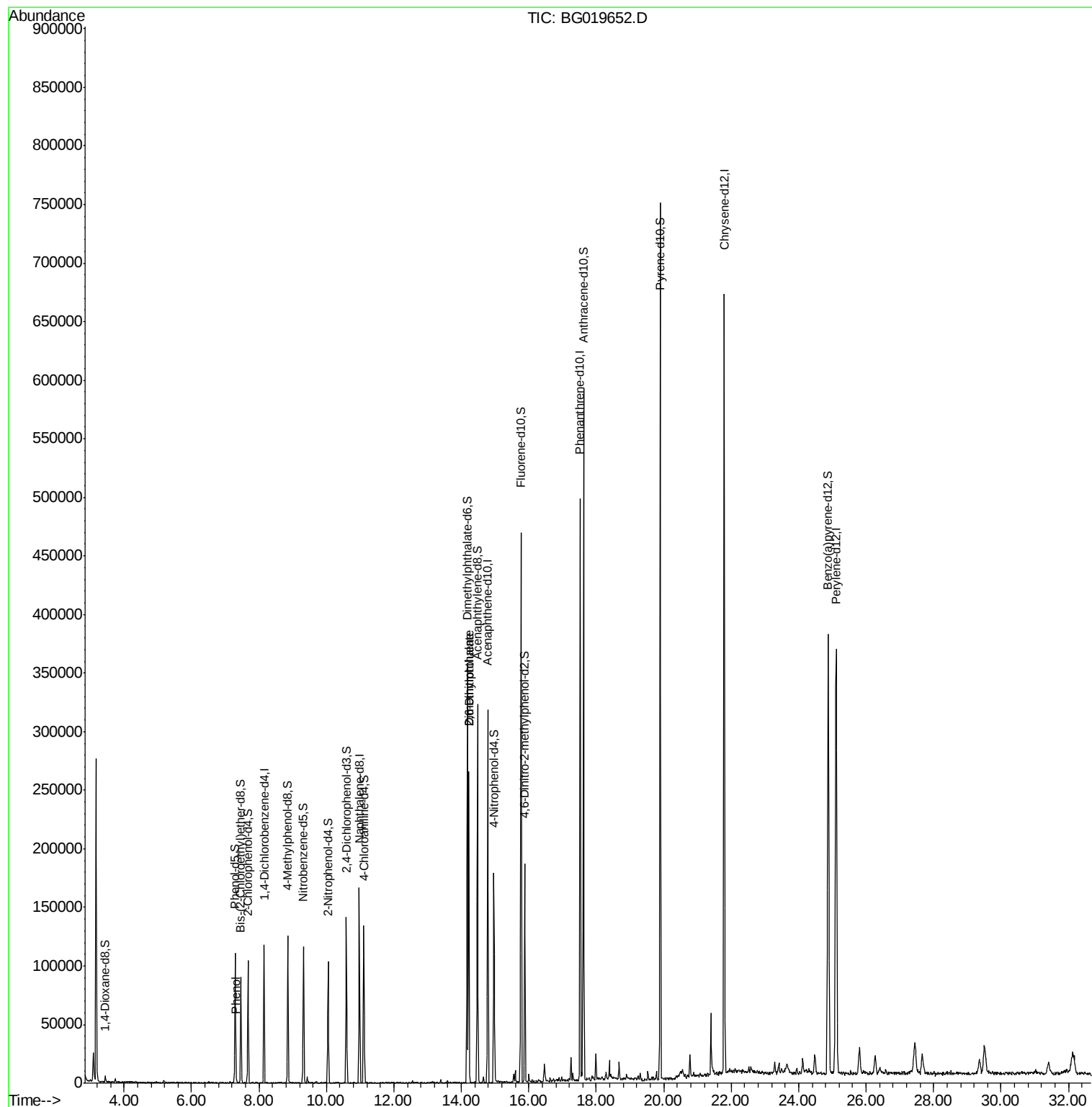
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.32	94	3577	1.07	ng/ul#	75
45) Dimethylphthalate	14.23	163	161414	17.45	ng/ul	98
46) 2,6-Dinitrotoluene	14.23	165	1978	1.07	ng/ul#	29

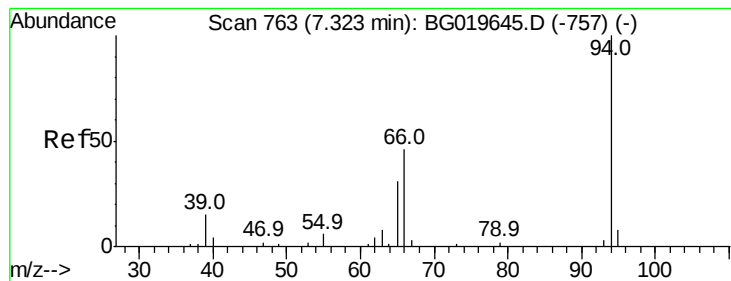
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.07 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG019652.D

Acq: 17 Nov 2015 2:19

Instrument :

BNA_G

ClientSampleId :

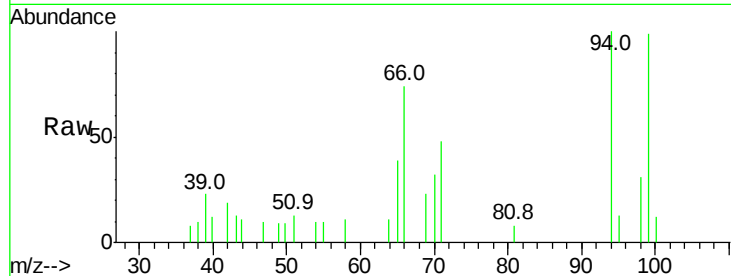
Tot Ion: 94 Resp: 3577

Ion Ratio Lower Upper

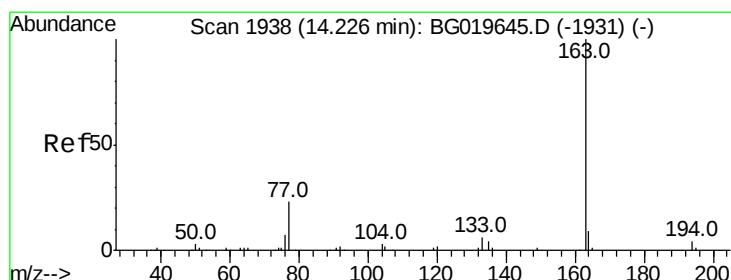
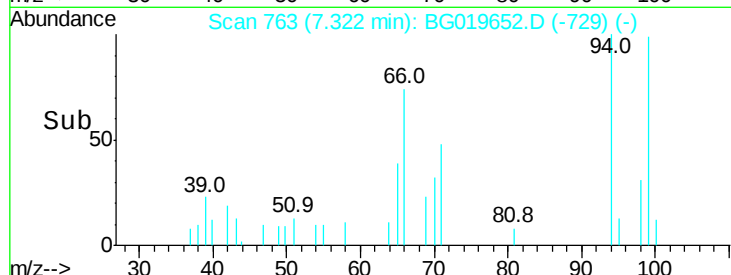
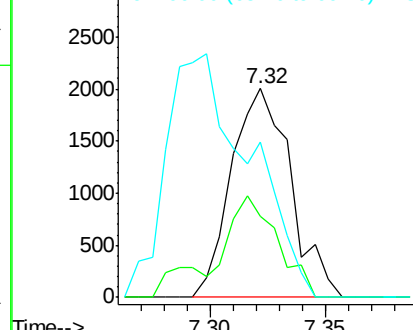
94 100

65 38.6 27.4 41.0

66 74.4 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



#45

Dimethylphthalate

Concen: 17.45 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG019652.D

Acq: 17 Nov 2015 2:19

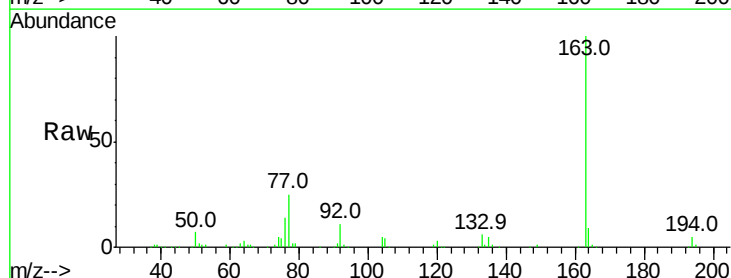
Tgt Ion:163 Resp: 161414

Ion Ratio Lower Upper

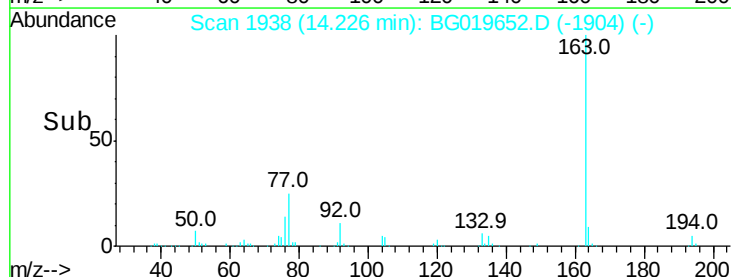
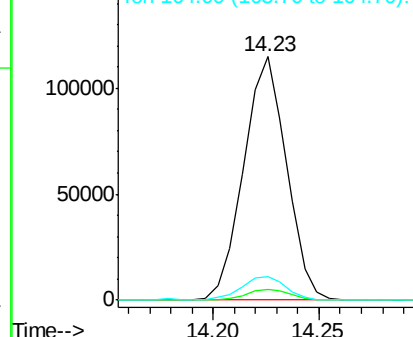
163 100

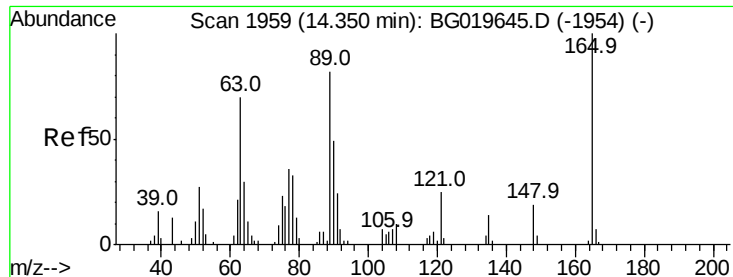
194 4.6 3.5 5.3

164 9.4 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: 1.07 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. -0.12 min

Lab File: BG019652.D

Acq: 17 Nov 2015 2:19

Instrument :

BNA_G

ClientSampleId :

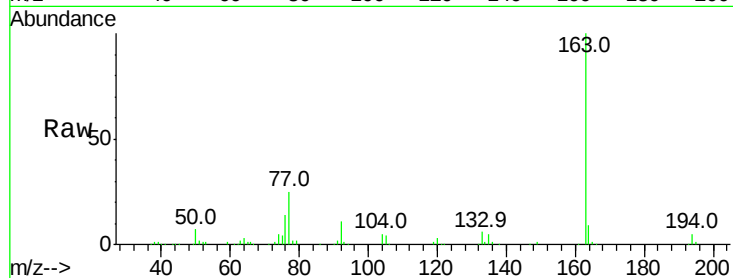
Tot Ion:165 Resp: 1978

Ion Ratio Lower Upper

165 100

89 0.0 61.1 91.7#

121 26.4 17.8 26.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG0

Ion 121.00 (120.70 to 121.70): E

