

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112015\
 Data File : BG019775.D
 Acq On : 22 Nov 2015 5:20
 Operator : UM/NP
 Sample : G4310-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9KM0

Quant Time: Nov 23 00:41:53 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 00:37:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29835	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	111906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	81493	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	216229	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	286129	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	272970	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	4193	6.00	ng/uL	0.00
5) Phenol-d5	7.27	99	102573	33.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	65881	32.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	67199	34.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	71121	28.10	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	34539	37.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	20659	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	84535	37.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	73515	34.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	264752	35.92	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	302174	37.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	38436	33.10	ng/ul	0.00
58) Fluorene-d10	15.75	176	247934	37.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	5705	4.08	ng/ul	0.00
71) Anthracene-d10	17.60	188	417841	39.80	ng/ul	0.00
79) Pyrene-d10	19.87	212	509529	39.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	579961	40.70	ng/ul	0.01

Target Compounds

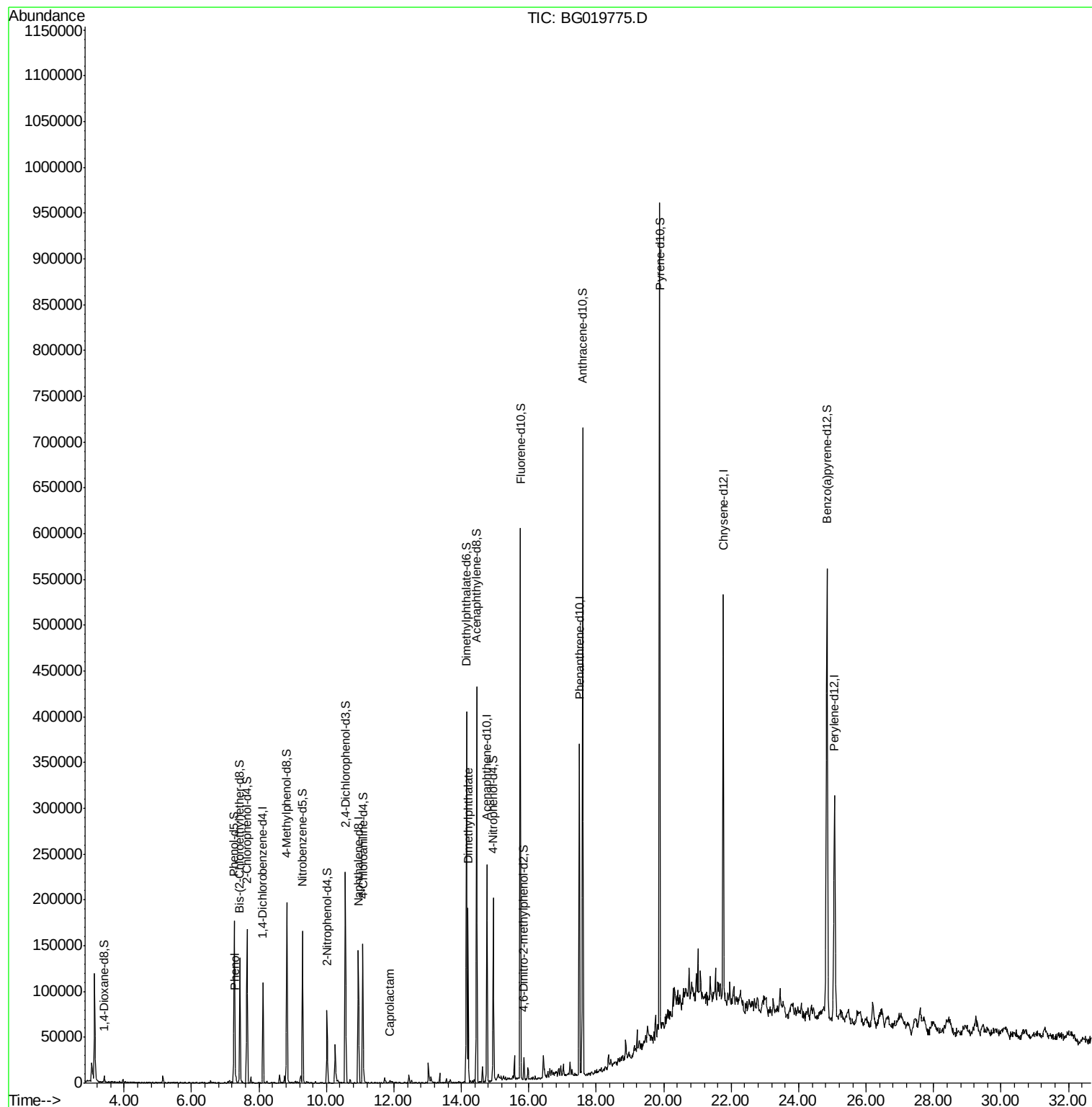
						Qvalue
6) Phenol	7.29	94	5825	1.77	ng/ul	89
32) Caprolactam	11.89	113	1965	2.27	ng/ul#	13
45) Dimethylphthalate	14.20	163	117774	16.12	ng/ul	97

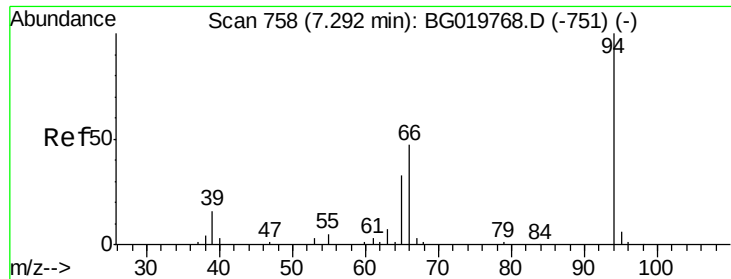
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.77 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG019775.D

Acq: 22 Nov 2015 5:20

Instrument :

BNA_G

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D9KM0

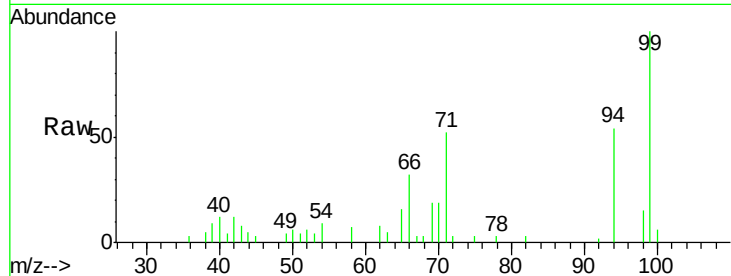
Tgt Ion: 94 Resp: 5825

Ion Ratio Lower Upper

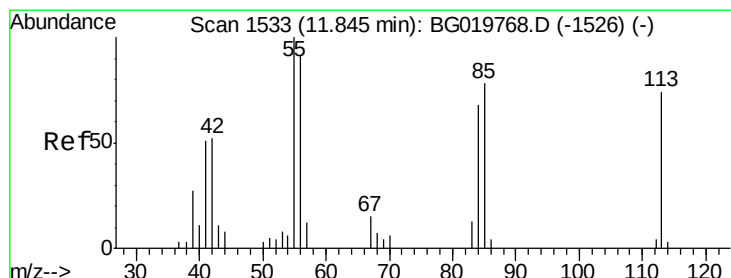
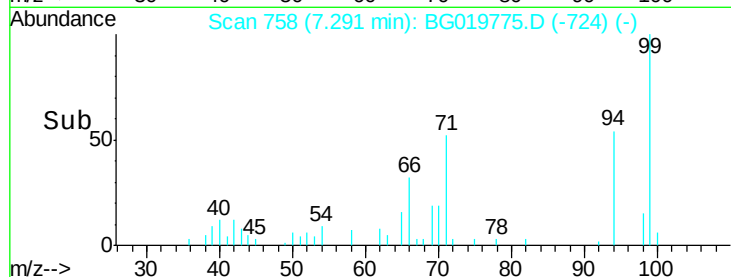
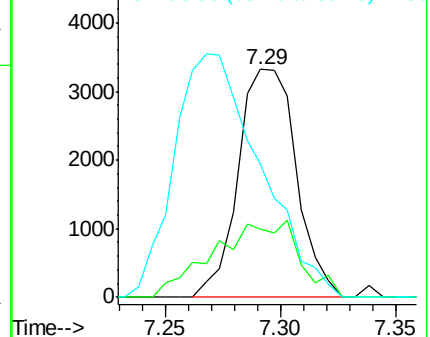
94 100

65 30.2 27.4 41.0

66 58.5 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



#32

Caprolactam

Concen: 2.27 ng/ul

RT: 11.89 min Scan# 1540

Delta R.T. 0.04 min

Lab File: BG019775.D

Acq: 22 Nov 2015 5:20

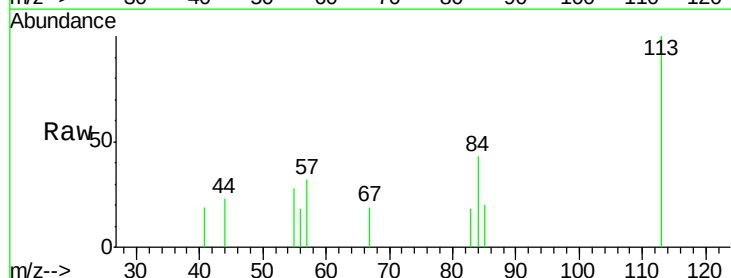
Tgt Ion: 113 Resp: 1965

Ion Ratio Lower Upper

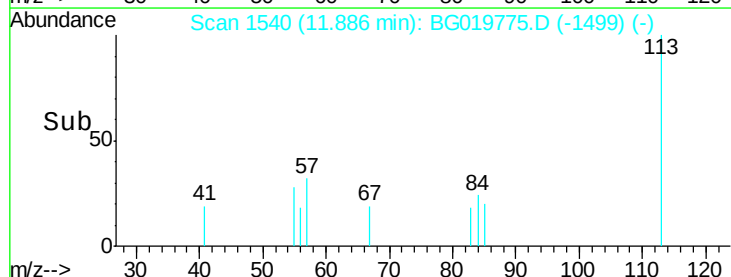
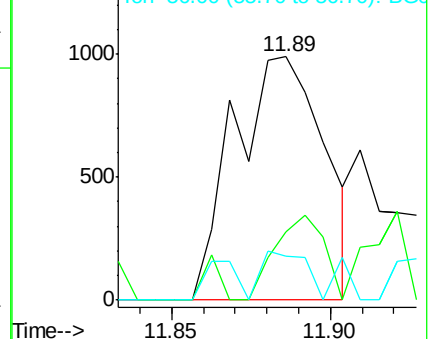
113 100

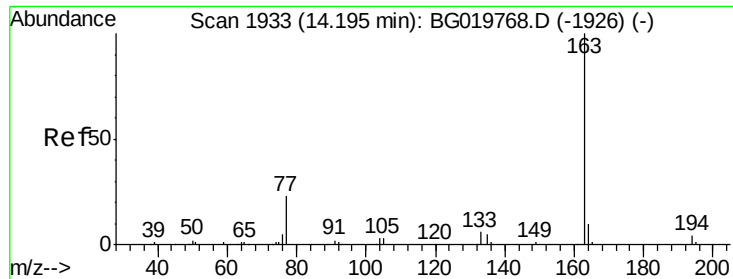
55 27.8 111.4 167.0#

56 18.1 79.0 118.6#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#45

Dimethylphthalate

Concen: 16.12 ng/ul

RT: 14.20 min Scan# 1934

Delta R.T. 0.01 min

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Acq: 22 Nov 2015 5:20

Instrument :

BNA_G

ClientSampleId :

D9KM0

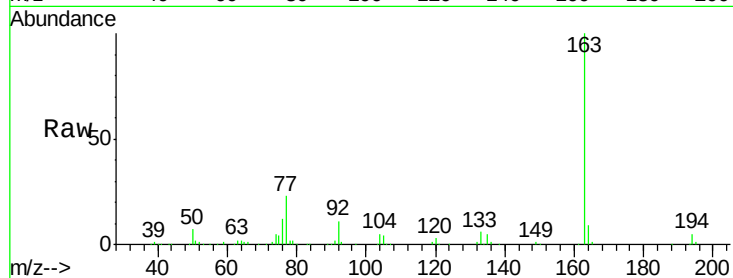
Tgt Ion:163 Resp: 117774

Ion Ratio Lower Upper

163 100

194 5.2 3.5 5.3

164 9.1 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

