

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018199.D
 Acq On : 1 Aug 2015 2:16
 Operator : TP/UM
 Sample : G3073-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 05:22:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 00:52:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	32455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	155602	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	102151	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	209544	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	213638	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	223414	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2714	6.31	ng/uL	0.00
5) Phenol-d5	6.67	99	102564	35.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	48512	32.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	78749	35.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	84476	35.55	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	38658	31.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	37078	26.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	89304	35.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	40573	13.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	266760	33.79	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	276994	30.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	31682	21.69	ng/ul	0.00
58) Fluorene-d10	15.15	176	187746	26.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	12936	8.84	ng/ul	0.00
71) Anthracene-d10	17.01	188	243515	26.73	ng/ul	0.00
79) Pyrene-d10	19.32	212	231859	22.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	233395	20.66	ng/ul	0.00

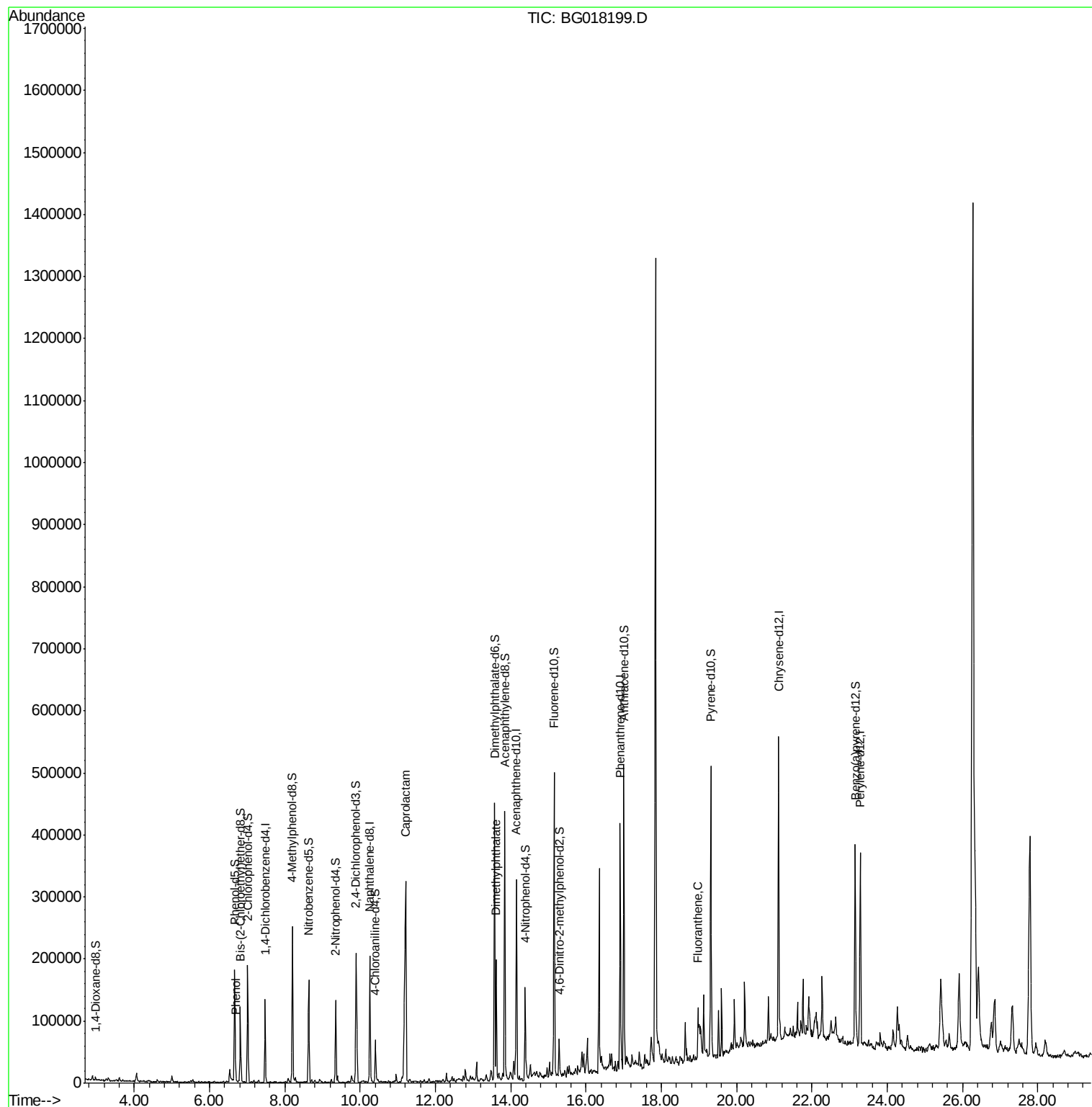
Target Compounds						Ovalue
6) Phenol	6.70	94	4066	1.37	ng/ul#	91
32) Caprolactam	11.21	113	122674	103.89	ng/ul#	74
45) Dimethylphthalate	13.62	163	105257	13.40	ng/ul	98
77) Fluoranthene	18.98	202	13288	1.14	ng/ul#	91

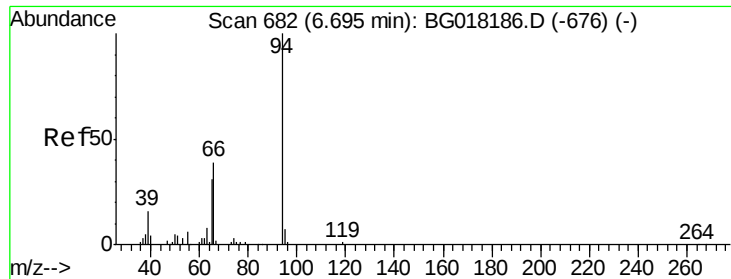
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.37 ng/ul

RT: 6.70 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG018199.D

Acq: 1 Aug 2015 2:16

Instrument :

BNA_G

ClientSampleId :

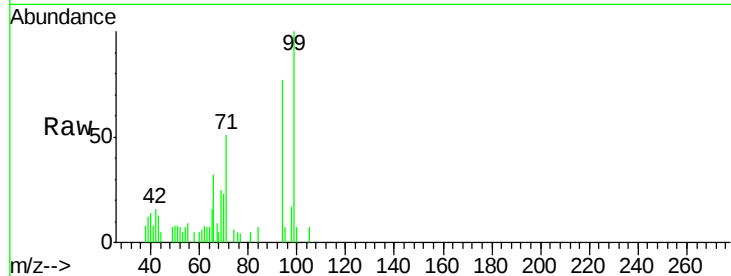
Tot Ion: 94 Resp: 4066

Ion Ratio Lower Upper

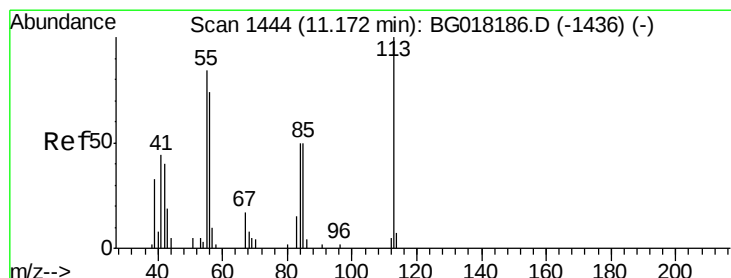
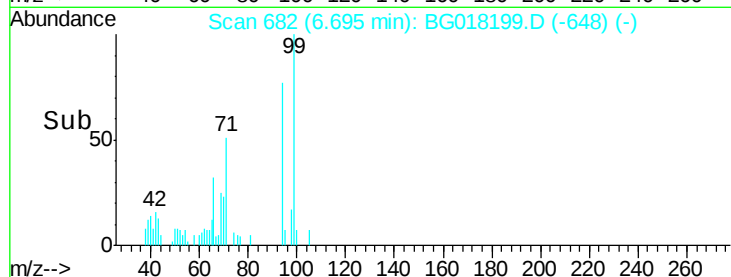
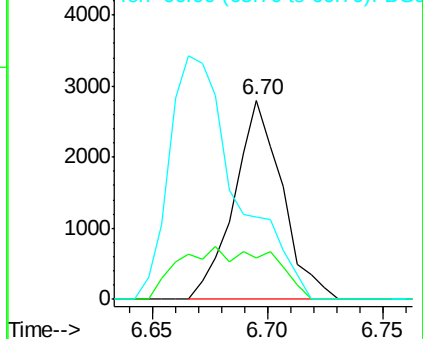
94 100

65 20.6 17.5 26.3

66 41.2 27.1 40.7#



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: 103.89 ng/ul

RT: 11.21 min Scan# 1451

Delta R.T. 0.04 min

Lab File: BG018199.D

Acq: 1 Aug 2015 2:16

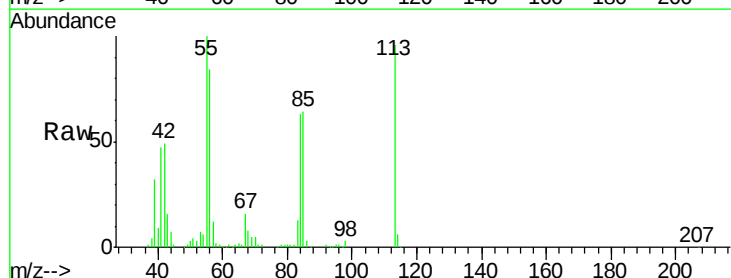
Tgt Ion: 113 Resp: 122674

Ion Ratio Lower Upper

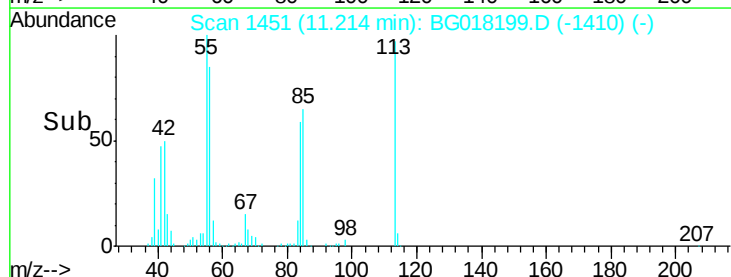
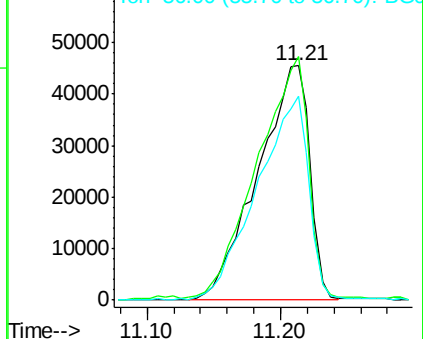
113 100

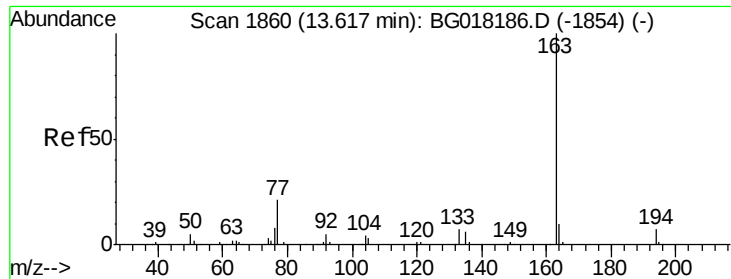
55 104.0 64.6 96.8#

56 87.1 53.2 79.8#



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: 13.40 ng/ul

RT: 13.62 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG018199.D

Acq: 1 Aug 2015 2:16

Instrument :

BNA_G

ClientSampleId :

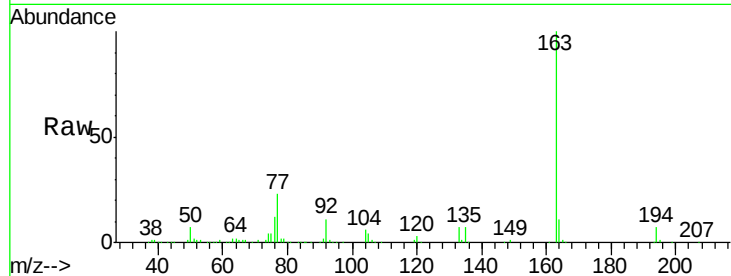
Tot Ion:163 Resp: 105257

Ion Ratio Lower Upper

163 100

194 7.3 5.2 7.8

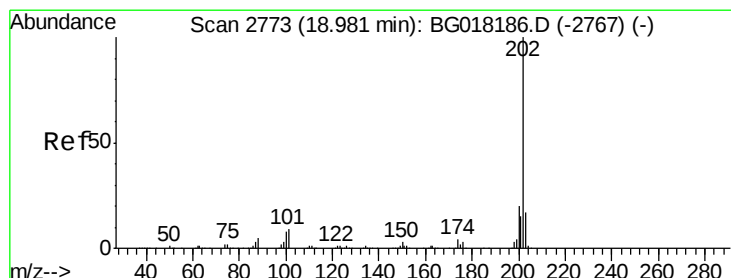
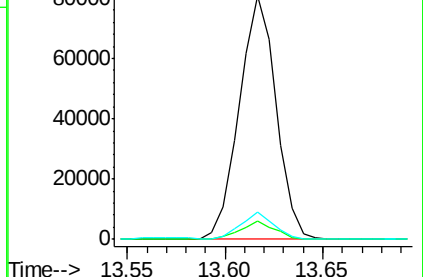
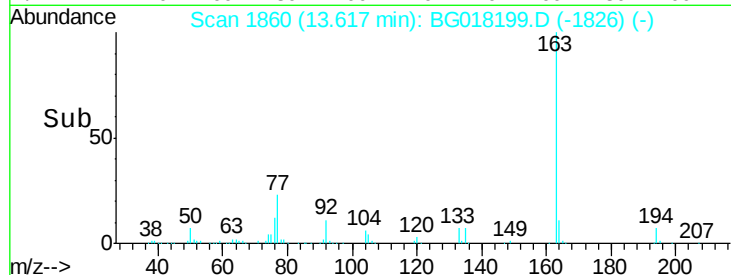
164 11.3 8.4 12.6



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



#77

Fluoranthene

Concen: 1.14 ng/ul

RT: 18.98 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG018199.D

Acq: 1 Aug 2015 2:16

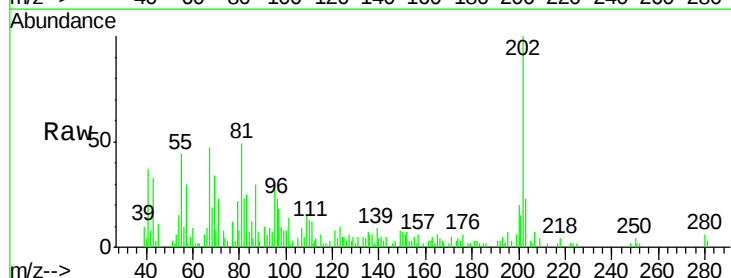
Tgt Ion:202 Resp: 13288

Ion Ratio Lower Upper

202 100

101 13.9 7.5 11.3#

100 8.2 5.5 8.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

