

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021826.D
 Acq On : 10 May 2016 21:22
 Operator : UM/SJ
 Sample : H2938-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB4

Quant Time: May 11 03:33:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	70763	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	365521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	209957	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	420248	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	412266	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	398610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7498	5.12	ng/uL	0.00
5) Phenol-d5	7.33	99	161179	30.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	83405	32.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	146683	35.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	132195	29.97	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	79858	33.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	76188	50.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	147051	34.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.48	131	341	0.07	ng/ul	0.34
44) Dimethylphthalate-d6	14.20	166	475503	32.24	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	650378	31.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	62672	24.79	ng/ul	0.00
58) Fluorene-d10	15.79	176	436844	28.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	45785	39.33	ng/ul	0.00
71) Anthracene-d10	17.55	188	420248	20.54	ng/ul	-0.10
77) Pyrene-d10	19.92	212	620253	32.14	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	573392	30.28	ng/ul	0.01

Target Compounds

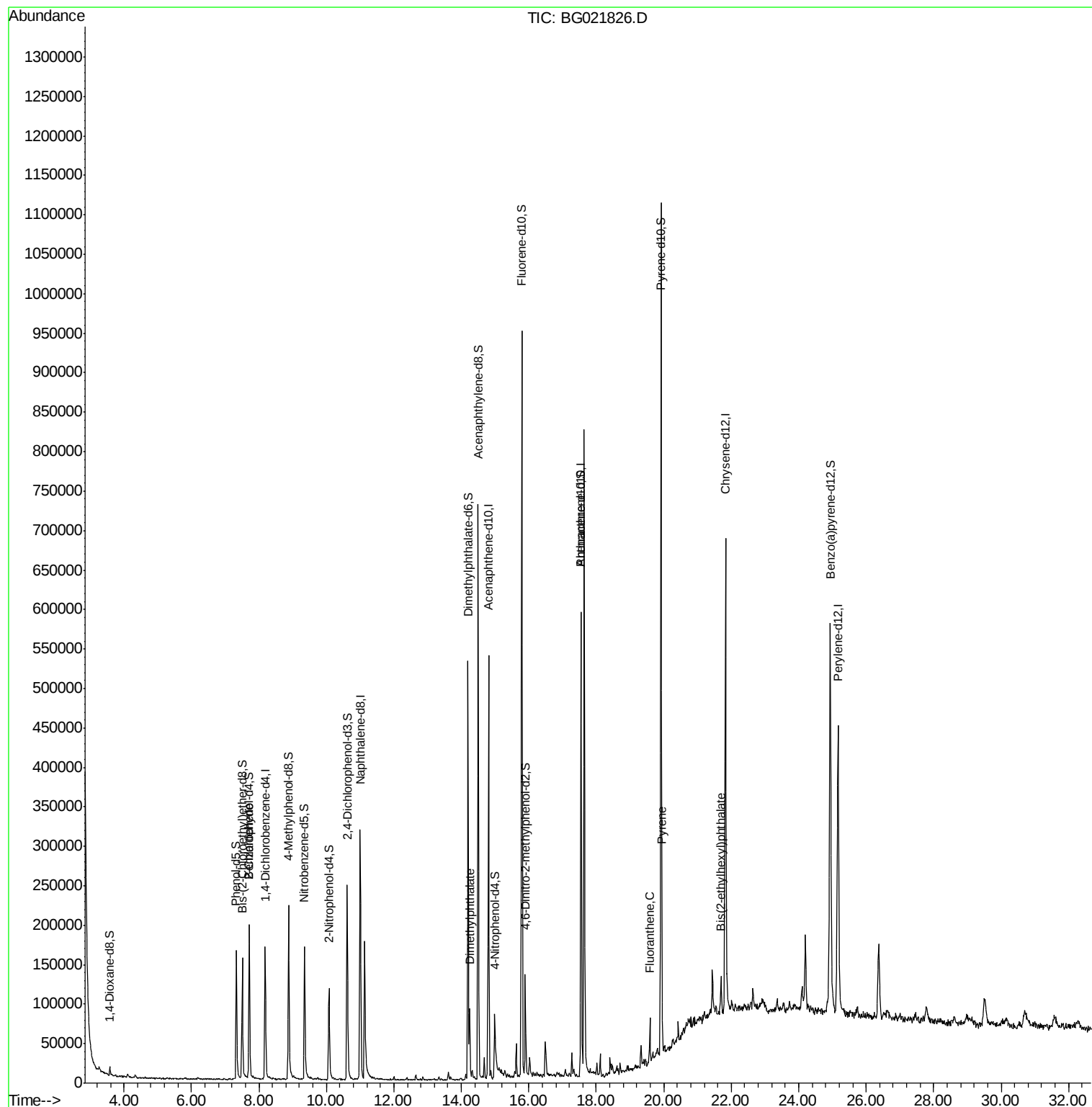
						Qvalue
4) Benzaldehyde	7.71	77	2476	4.34	ng/ul	98
45) Dimethylphthalate	14.24	163	69331	4.62	ng/ul	99
75) Fluoranthene	19.59	202	38142	1.46	ng/ul	99
78) Pyrene	19.94	202	32753	1.37	ng/ul#	92
82) Bis(2-ethylhexyl)phthalate	21.70	149	25756	2.99	ng/ul#	99

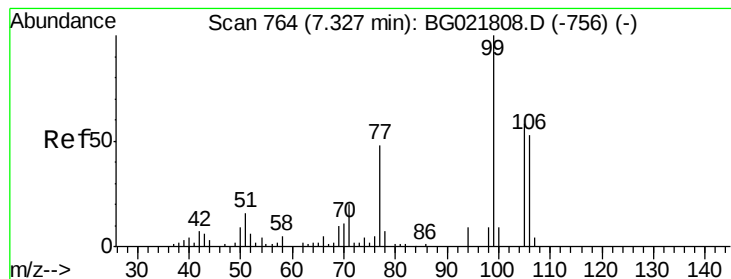
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.34 ng/ul

RT: 7.71 min Scan# 829

Delta R.T. 0.38 min

Lab File: BG021826.D

Acq: 10 May 2016 21:22

Instrument :

BNA_G

ClientSampleId :

D9XB4

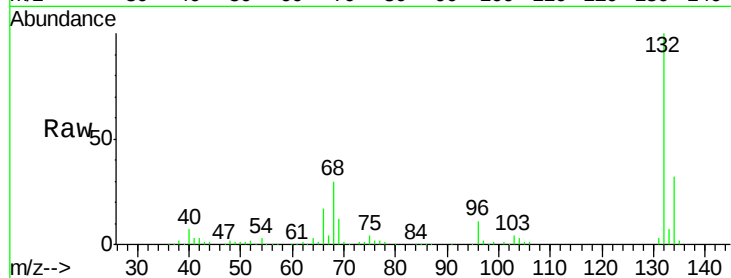
Tgt Ion: 77 Resp: 2476

Ion Ratio Lower Upper

77 100

105 82.7 68.5 102.7

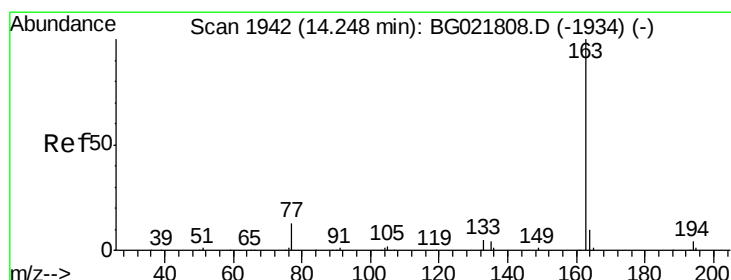
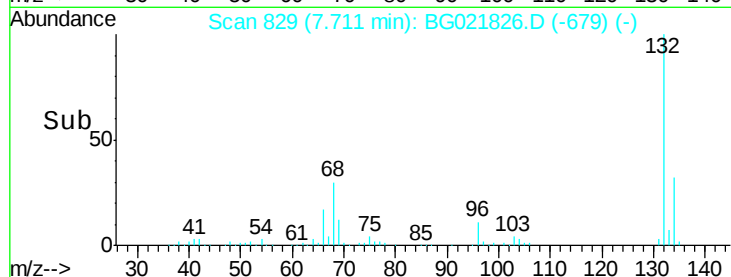
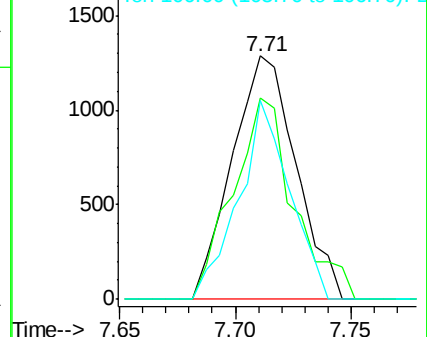
106 81.5 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

Dimethylphthalate

Concen: 4.62 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG021826.D

Acq: 10 May 2016 21:22

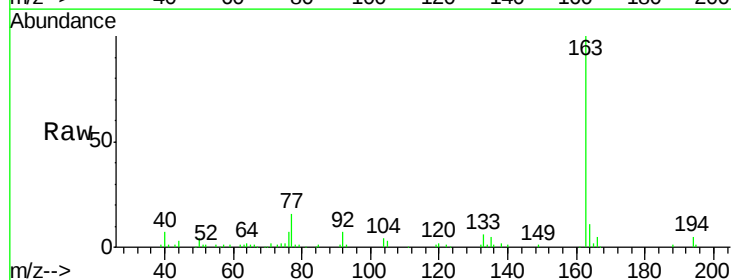
Tgt Ion: 163 Resp: 69331

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

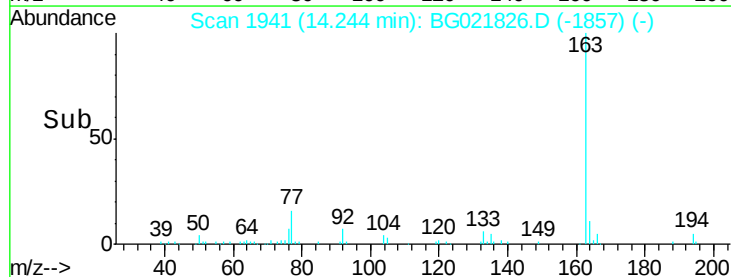
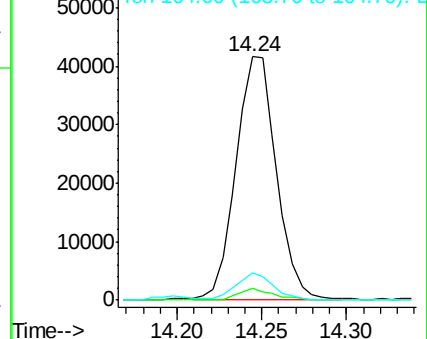
164 11.2 8.7 13.1

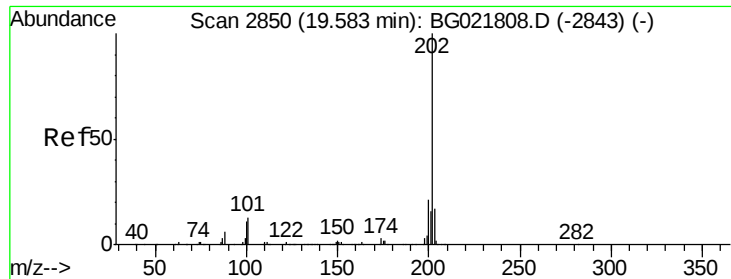


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#75

Fluoranthene

Concen: 1.46 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021826.D

Acq: 10 May 2016 21:22

Instrument :

BNA_G

ClientSampleId :

D9XB4

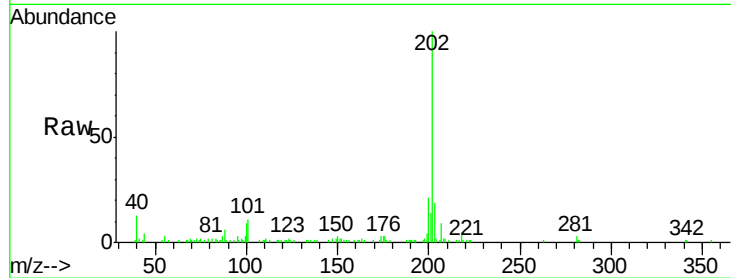
Tgt Ion:202 Resp: 38142

Ion Ratio Lower Upper

202 100

101 10.9 8.9 13.3

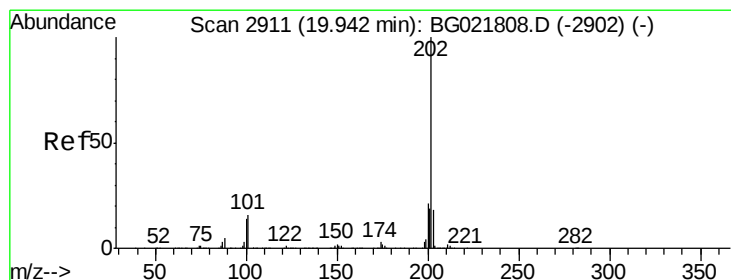
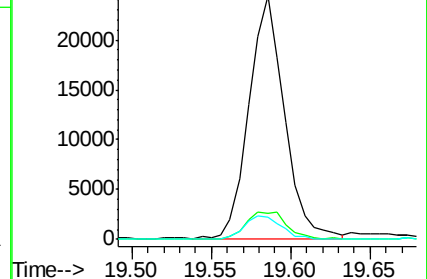
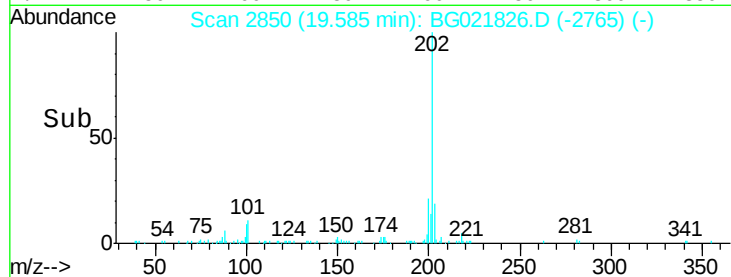
100 9.0 7.0 10.4



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): B



#78

Pyrene

Concen: 1.37 ng/ul

RT: 19.94 min Scan# 2911

Delta R.T. 0.00 min

Lab File: BG021826.D

Acq: 10 May 2016 21:22

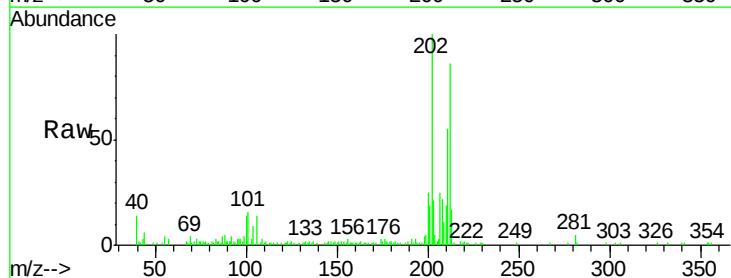
Tgt Ion:202 Resp: 32753

Ion Ratio Lower Upper

202 100

101 16.4 9.8 14.8#

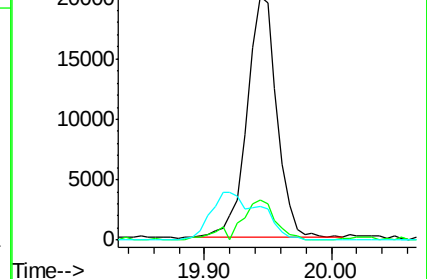
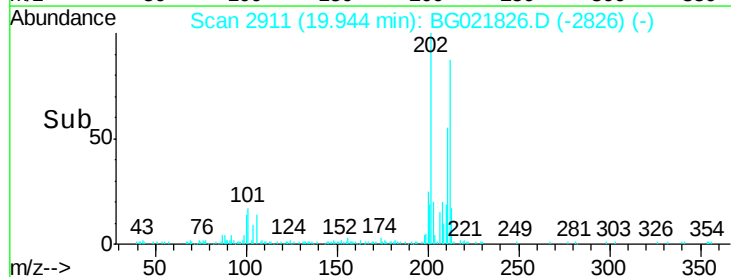
100 13.7 9.3 13.9

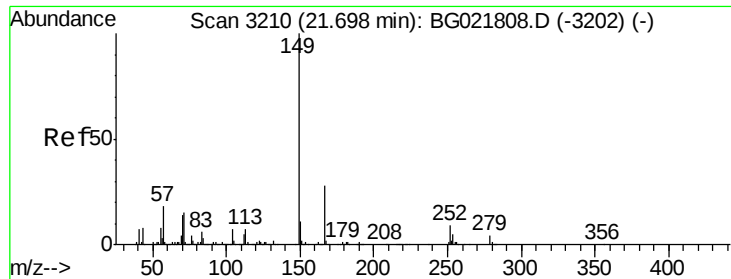


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82
 Bis(2-ethylhexyl)phthalate
 Concen: 2.99 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG021826.D
 Acq: 10 May 2016 21:22

Instrument :
 BNA_G
 ClientSampleId :
 D9XB4

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.5	30.7
279	5.9	3.7	5.5#

