

Data Path : Z:\HPCHEM1\BNA_G\Data\BG072715\
 Data File : BG018141.D
 Acq On : 28 Jul 2015 10:58
 Operator : TP/UM
 Sample : G3048-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Y8

Quant Time: Jul 28 14:22:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 01:54:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	34815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	158609	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	101539	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	217769	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	218619	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	219702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2952	5.30	ng/uL	0.00
5) Phenol-d5	6.69	99	70735	26.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	34904	26.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	67017	28.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	63323	26.59	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	35034	27.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	38519	29.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	68604	29.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	90167	33.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	204274	28.66	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	238032	27.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	31759	21.18	ng/ul	0.00
58) Fluorene-d10	15.18	176	170022	25.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	12786	9.18	ng/ul	0.00
71) Anthracene-d10	17.03	188	245984	26.08	ng/ul	0.00
79) Pyrene-d10	19.35	212	255903	25.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	269748	25.73	ng/ul	0.00

Target Compounds

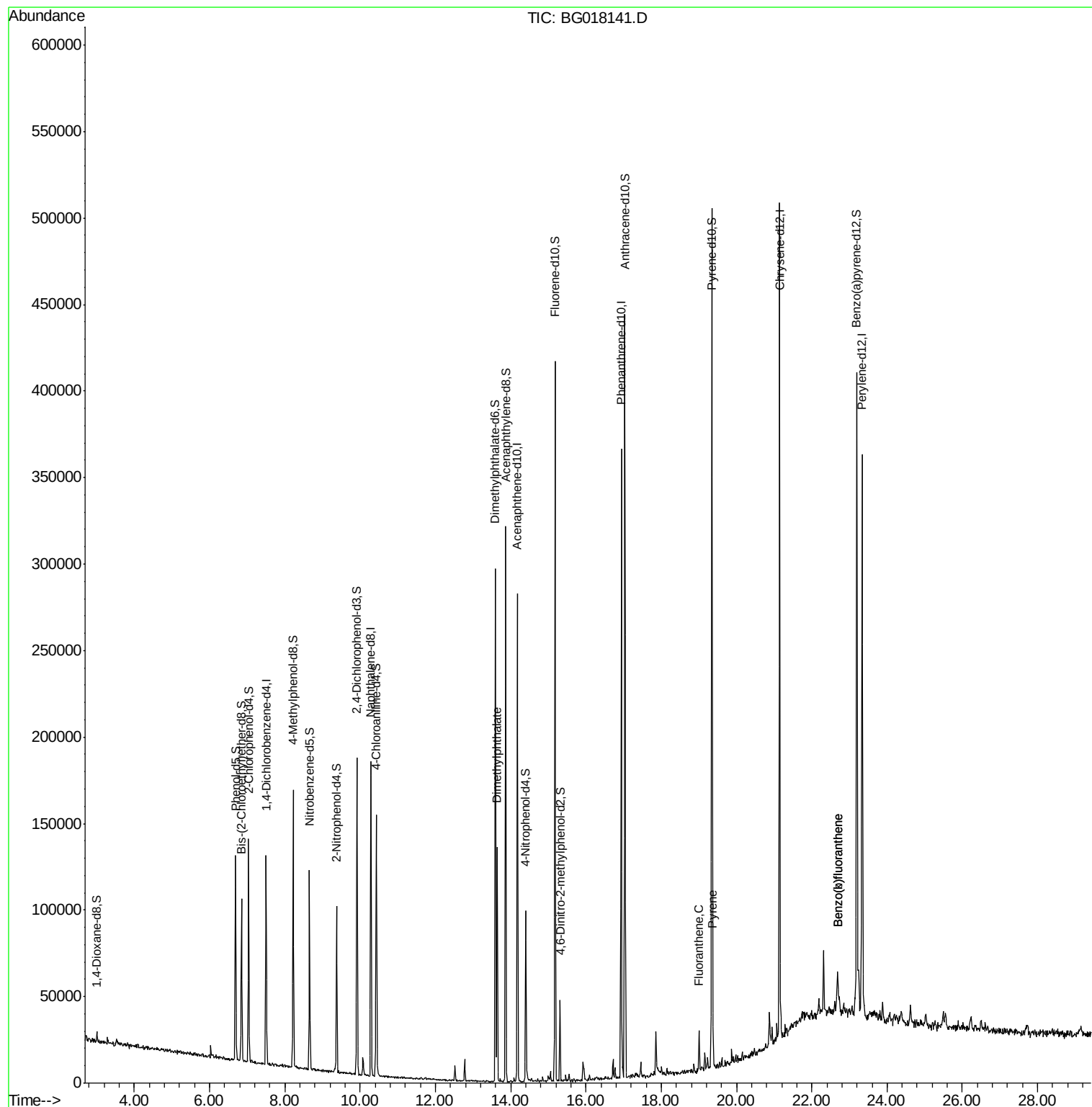
						Qvalue
45) Dimethylphthalate	13.64	163	87603	12.21	ng/ul	100
77) Fluoranthene	19.01	202	13764	1.18	ng/ul	98
80) Pyrene	19.37	202	14047	1.12	ng/ul#	92
88) Benzo(b)fluoranthene	22.68	252	15355	1.28	ng/ul#	88
89) Benzo(k)fluoranthene	22.68	252	15355	1.32	ng/ul#	87

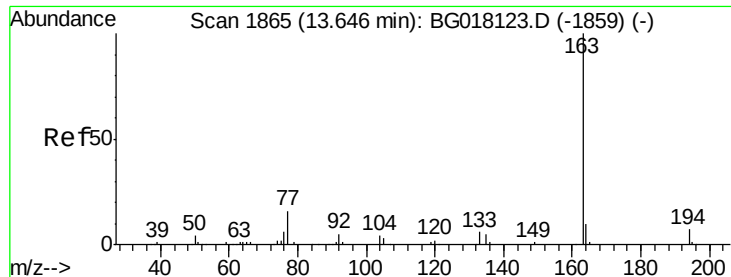
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 12.21 ng/ul

RT: 13.64 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG018141.D

Acq: 28 Jul 2015 10:58

Instrument :

BNA_G

ClientSampleId :

C01Y8

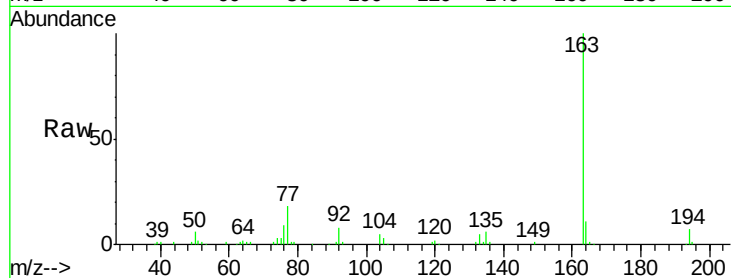
Tgt Ion:163 Resp: 87603

Ion Ratio Lower Upper

163 100

194 6.6 5.4 8.2

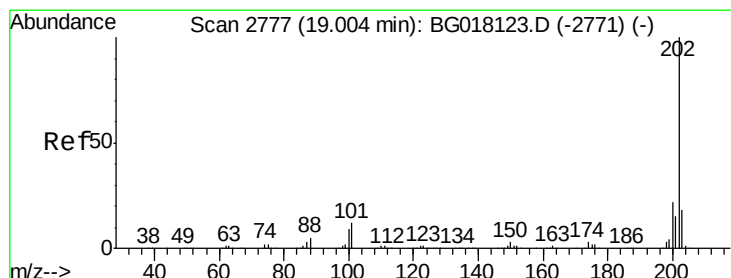
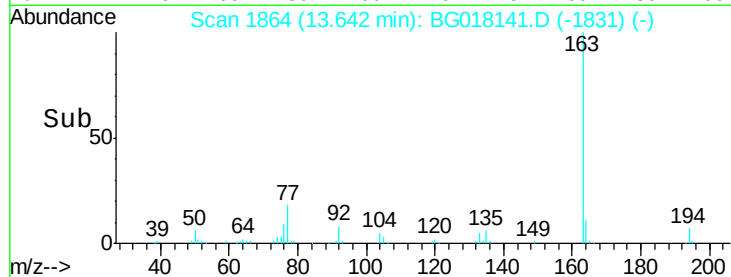
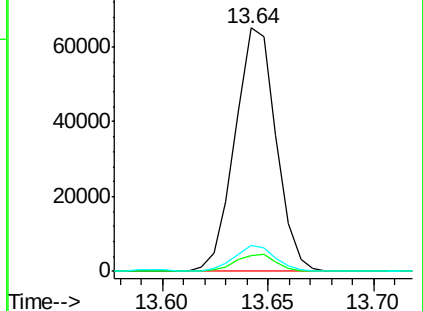
164 10.8 8.7 13.1



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: 1.18 ng/ul

RT: 19.01 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG018141.D

Acq: 28 Jul 2015 10:58

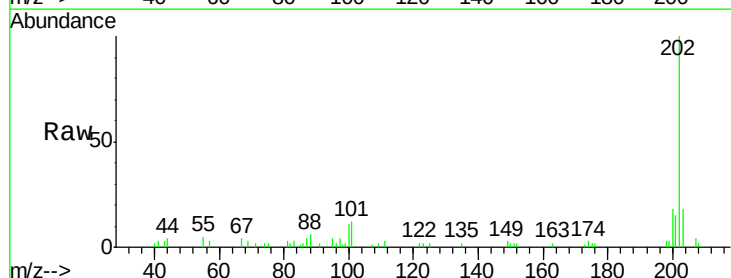
Tgt Ion:202 Resp: 13764

Ion Ratio Lower Upper

202 100

101 11.5 9.1 13.7

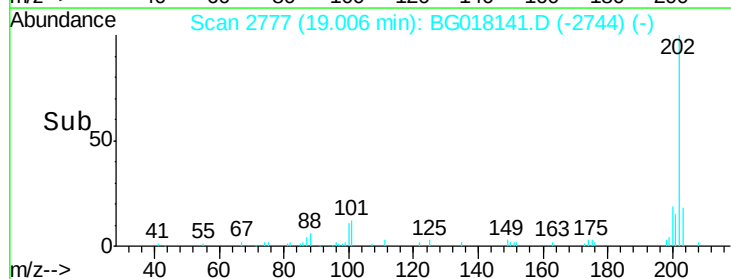
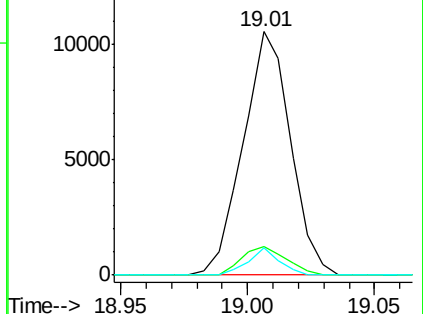
100 11.3 7.5 11.3

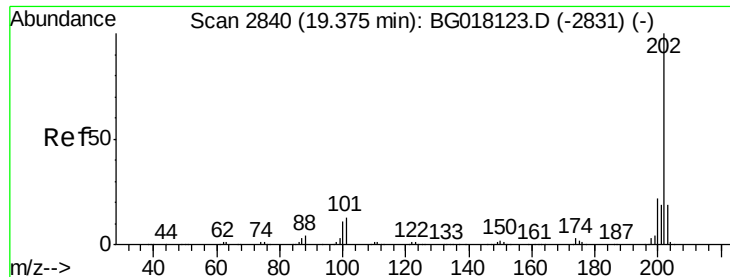


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.12 ng/ul

RT: 19.37 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG018141.D

Acq: 28 Jul 2015 10:58

Instrument :

BNA_G

ClientSampleId :

C01Y8

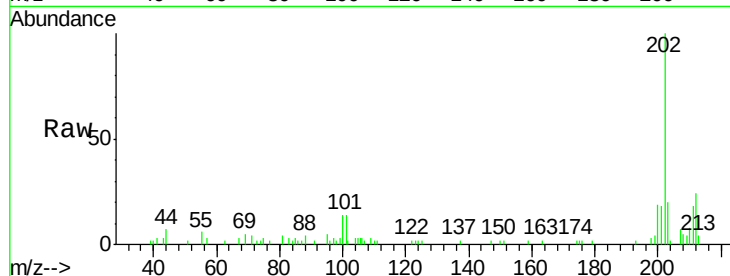
Tgt Ion:202 Resp: 14047

Ion Ratio Lower Upper

202 100

101 16.7 10.9 16.3#

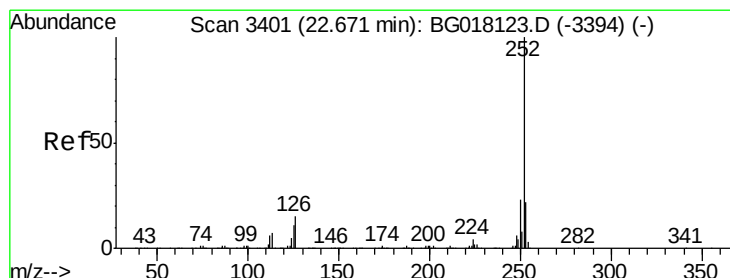
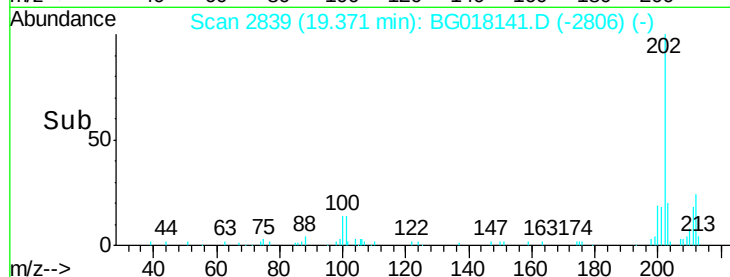
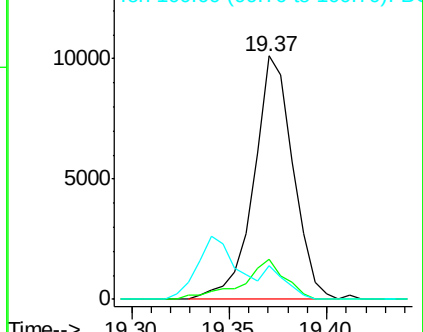
100 13.7 8.5 12.7#



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



#88

Benzo(b)fluoranthene

Concen: 1.28 ng/ul

RT: 22.68 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BG018141.D

Acq: 28 Jul 2015 10:58

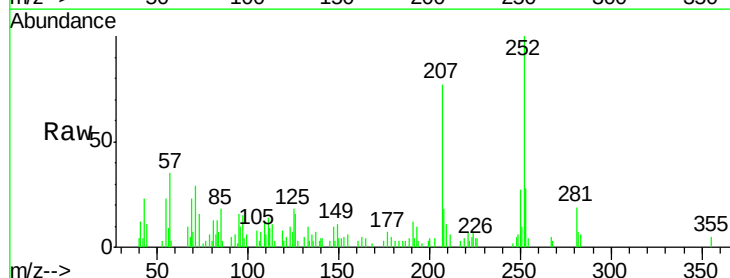
Tgt Ion:252 Resp: 15355

Ion Ratio Lower Upper

252 100

253 27.8 18.5 27.7#

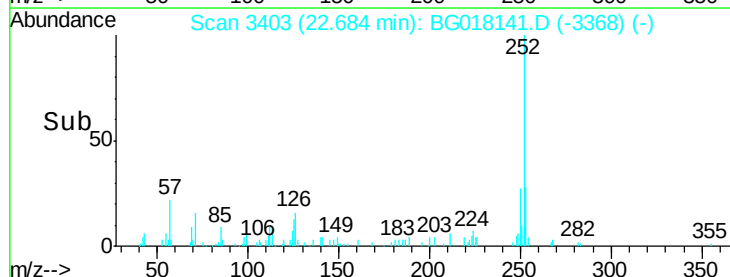
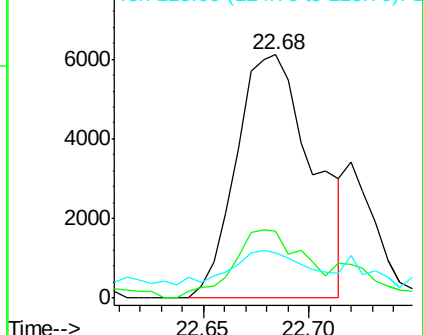
125 18.3 9.1 13.7#

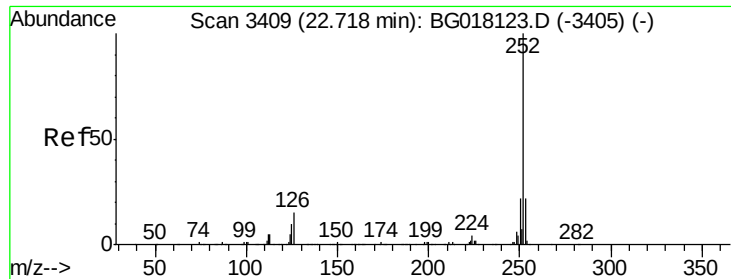


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.32 ng/ul

RT: 22.68 min Scan# 3403

Delta R.T. -0.03 min

Lab File: BG018141.D

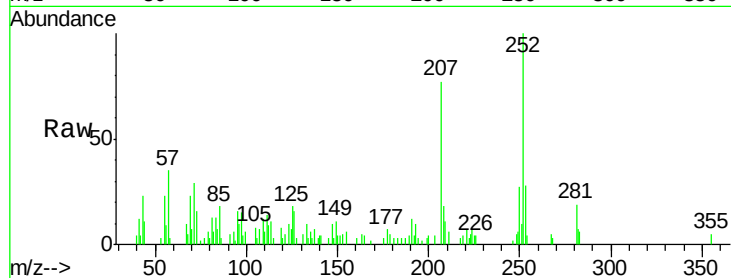
Acq: 28 Jul 2015 10:58

Instrument :

BNA_G

ClientSampleId :

C01Y8



Tgt Ion: 252 Resp: 15355

Ion Ratio Lower Upper

252 100

253 27.8 17.8 26.8#

125 18.3 9.3 13.9#

