

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025615.D
 Acq On : 24 Jan 2017 19:51
 Operator : UM/SJ
 Sample : I1316-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP33

Quant Time: Jan 25 00:51:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 00:45:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	87239	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	400449	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	360685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	818461	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1007314	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1061793	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	7586	4.35	ng/uL	0.00
5) Phenol-d5	7.33	99	157130	21.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	121988	25.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	115283	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	122490	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	64255	22.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	77094	22.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	140776	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	154549	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	600148	23.56	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	668636	24.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	75430	21.61	ng/ul	0.00
57) Fluorene-d10	15.80	176	547133	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	106166	21.03	ng/ul	0.00
70) Anthracene-d10	17.65	188	857383	24.60	ng/ul	0.00
76) Pyrene-d10	19.93	212	1069308	25.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1075992	24.11	ng/ul	0.00

Target Compounds

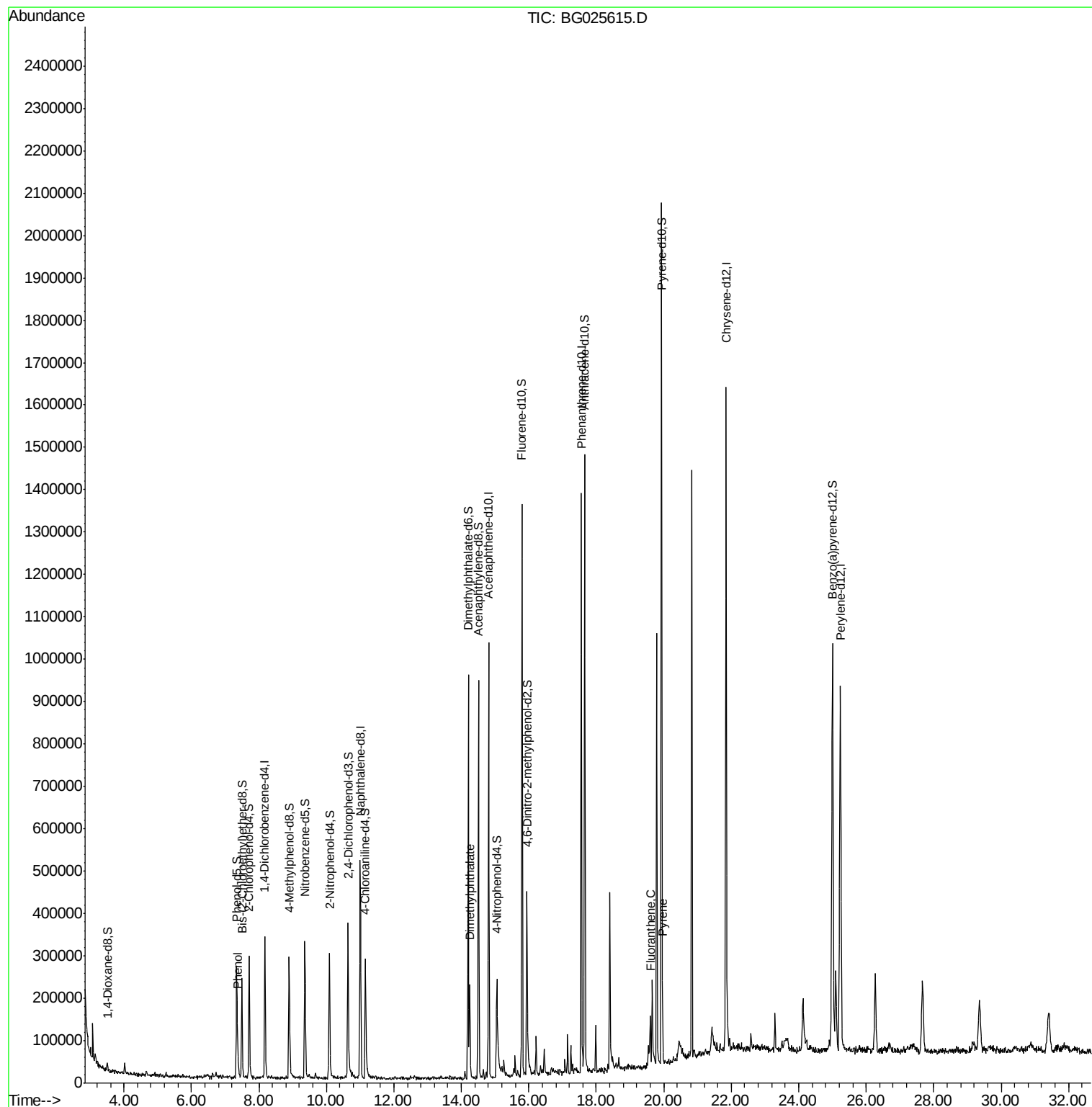
						Qvalue
6) Phenol	7.37	94	26835	3.42	ng/ul#	88
44) Dimethylphthalate	14.25	163	140139	5.60	ng/ul	96
74) Fluoranthene	19.60	202	73786	1.57	ng/ul	98
77) Pyrene	19.96	202	64649	1.31	ng/ul#	96

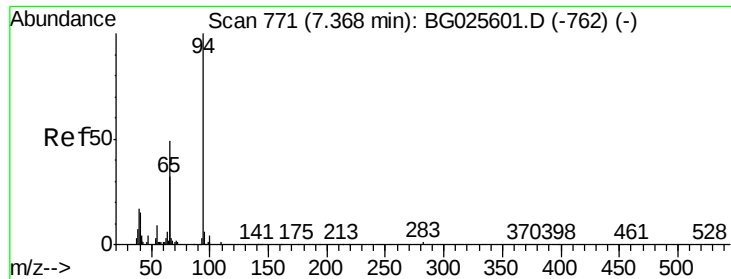
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.42 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG025615.D

Acq: 24 Jan 2017 19:51

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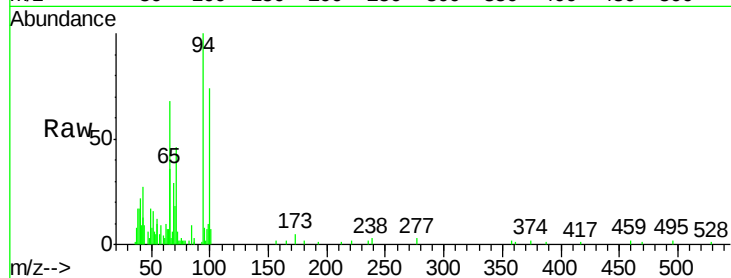
Tgt Ion: 94 Resp: 26835

Ion Ratio Lower Upper

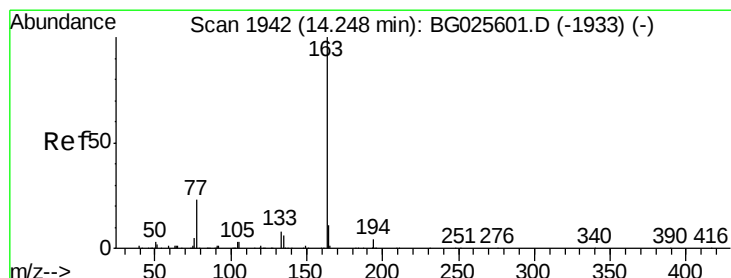
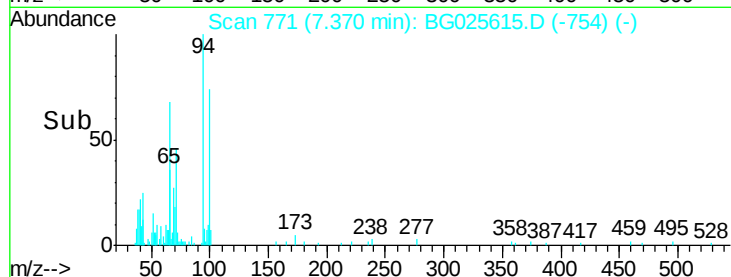
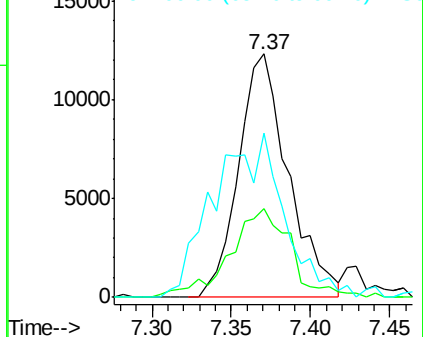
94 100

65 36.2 26.8 40.2

66 67.7 44.4 66.6#



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



#44

Dimethylphthalate

Concen: 5.60 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025615.D

Acq: 24 Jan 2017 19:51

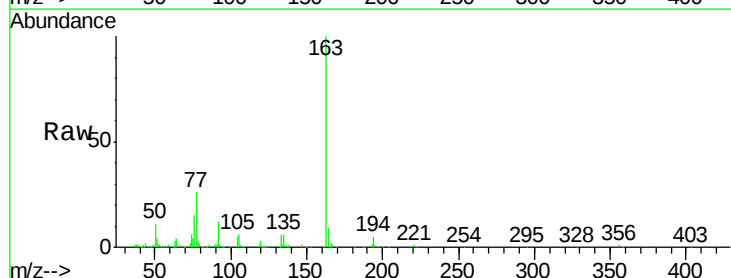
Tgt Ion: 163 Resp: 140139

Ion Ratio Lower Upper

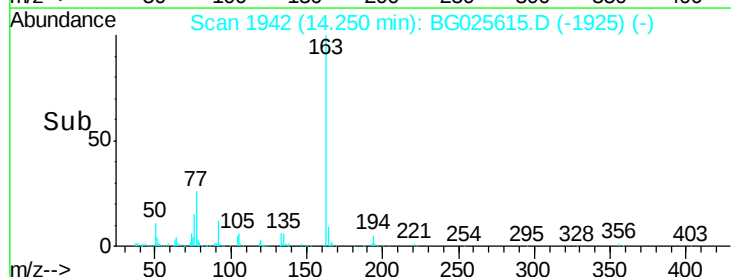
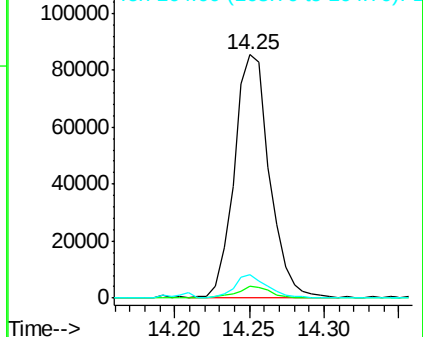
163 100

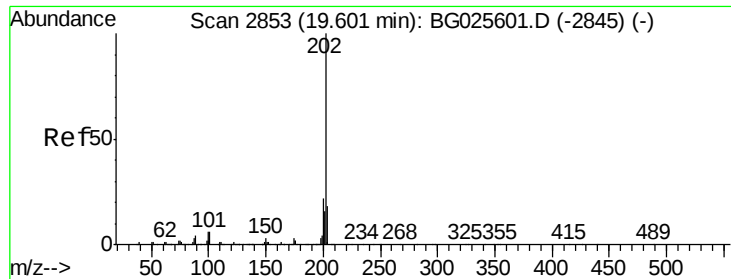
194 5.0 3.4 5.0

164 9.5 9.0 13.4



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





#74

Fluoranthene

Concen: 1.57 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG025615.D

Acq: 24 Jan 2017 19:51

Instrument :

BNA_G

ClientSampleId :

BDP33

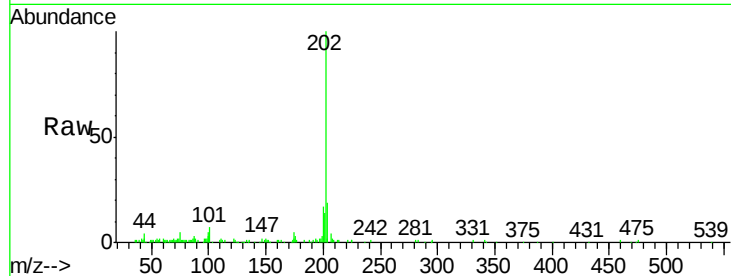
Tgt Ion:202 Resp: 73786

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.2

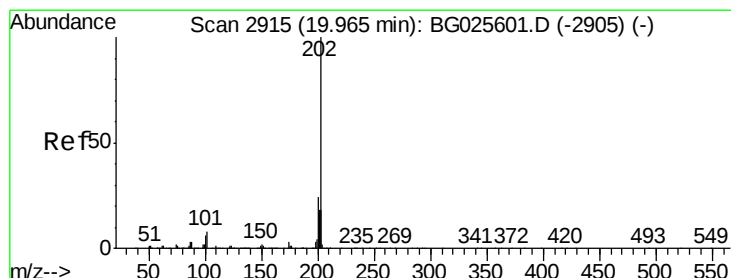
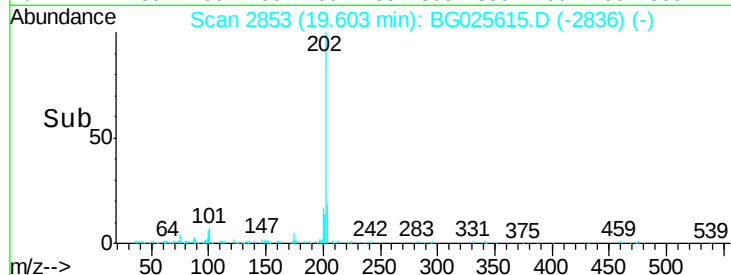
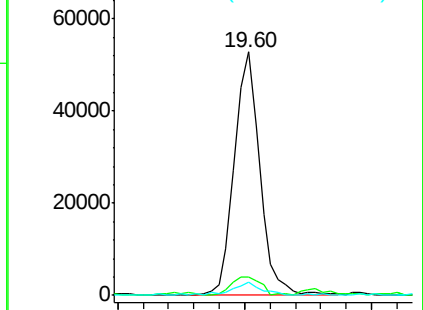
100 5.5 5.2 7.8



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



#77

Pyrene

Concen: 1.31 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG025615.D

Acq: 24 Jan 2017 19:51

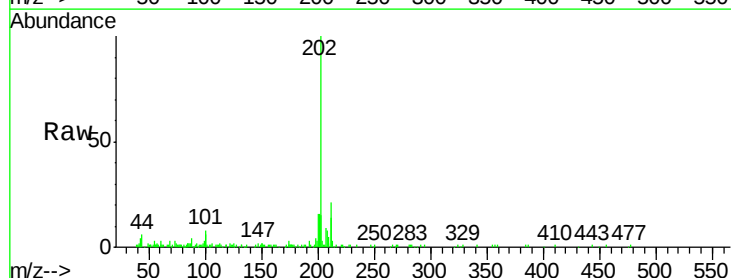
Tgt Ion:202 Resp: 64649

Ion Ratio Lower Upper

202 100

101 7.7 6.9 10.3

100 6.1 6.6 10.0#



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

