

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022862.D
 Acq On : 5 Jul 2016 22:46
 Operator : UM/SJ
 Sample : H3811-23
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TX1

Quant Time: Jul 06 03:25:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	132767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	647834	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	497785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1053173	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1083542	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1131756	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	4798	2.02	ng/uL	0.00
5) Phenol-d5	7.31	99	297199	21.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	169517	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	193878	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	238353	21.97	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	102119	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	126379	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	256707	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	3950	0.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	822886	20.35	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	951996	20.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	123724	19.49	ng/ul	0.00
57) Fluorene-d10	15.80	176	756438	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134717	19.89	ng/ul	0.00
70) Anthracene-d10	17.65	188	1040515	21.26	ng/ul	0.00
76) Pyrene-d10	19.93	212	1140527	22.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1087011	20.22	ng/ul	0.01

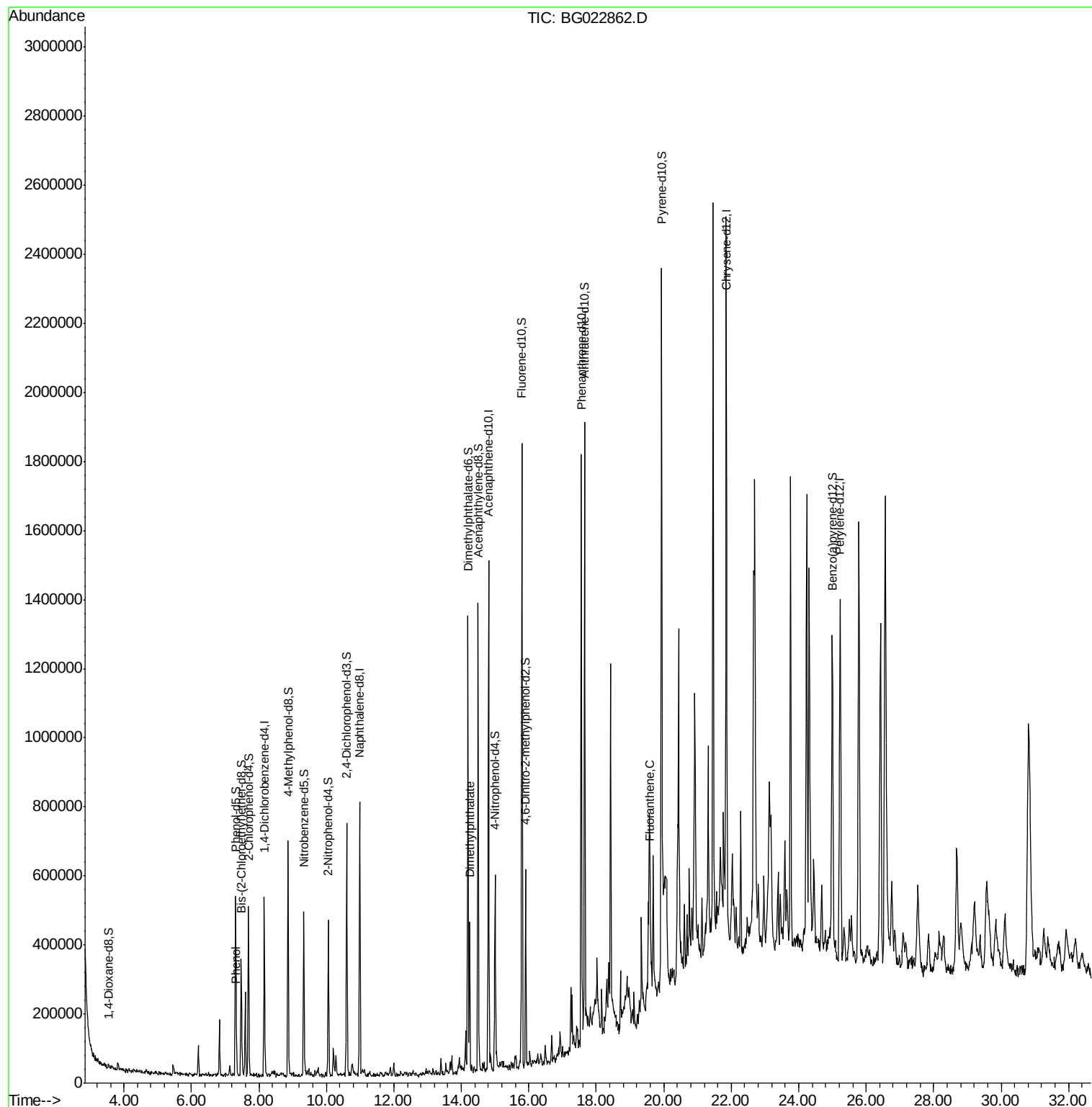
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.34	94	17010	1.19	ng/ul#	60
44) Dimethylphthalate	14.24	163	255221	6.18	ng/ul	99
74) Fluoranthene	19.60	202	57218	1.02	ng/ul#	93

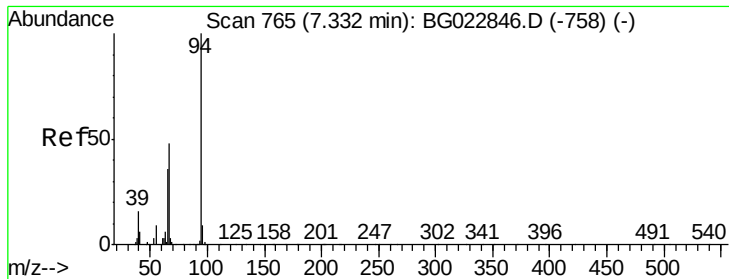
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.19 ng/ul

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

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BNA_G

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A4TX1

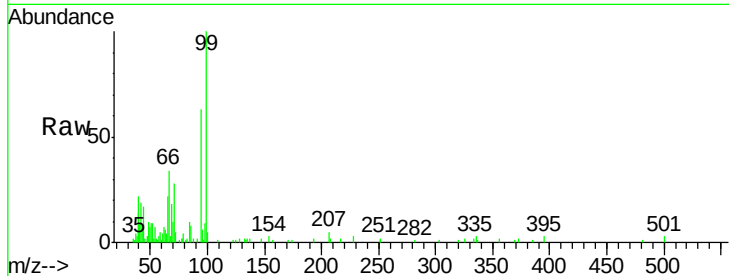
Tot Ion: 94 Resp: 17010

Ion Ratio Lower Upper

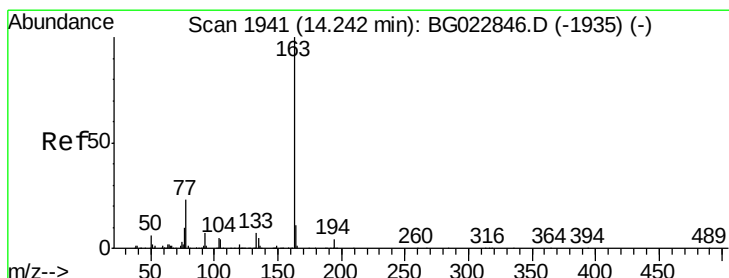
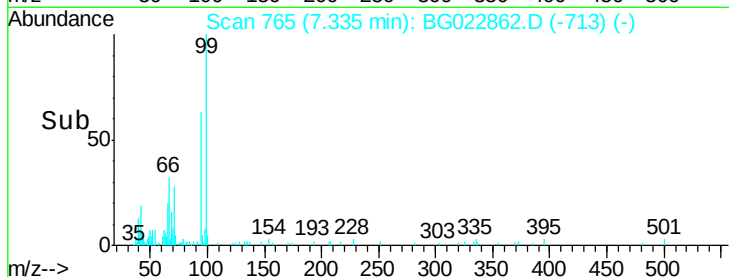
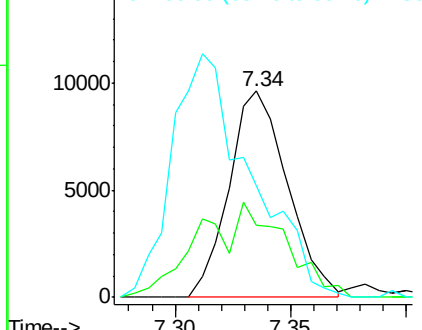
94 100

65 34.8 16.8 25.2#

66 53.9 22.6 33.8#



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: 6.18 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022862.D

Acq: 5 Jul 2016 22:46

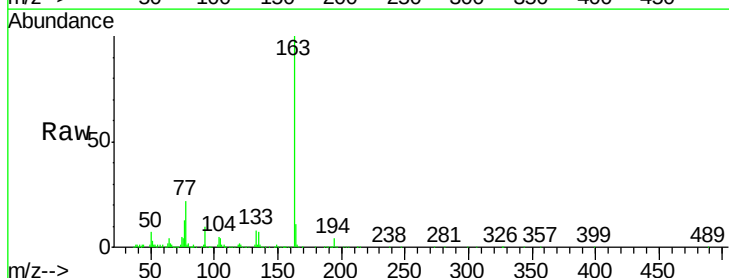
Tgt Ion: 163 Resp: 255221

Ion Ratio Lower Upper

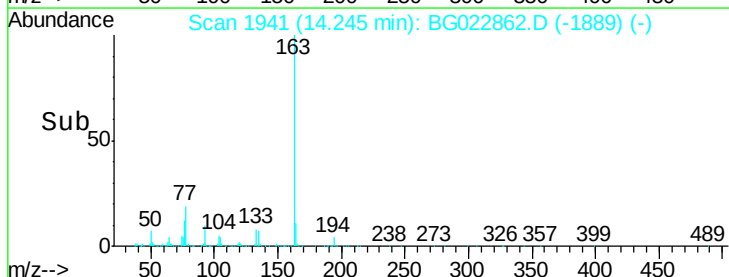
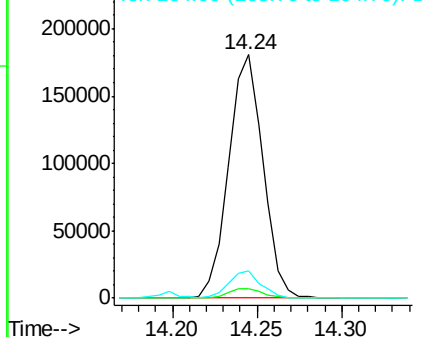
163 100

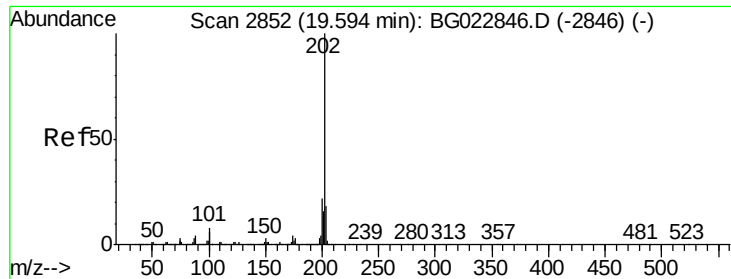
194 3.6 3.4 5.2

164 11.4 8.8 13.2



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





#74

Fluoranthene

Concen: 1.02 ng/ul

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

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Acq: 5 Jul 2016 22:46

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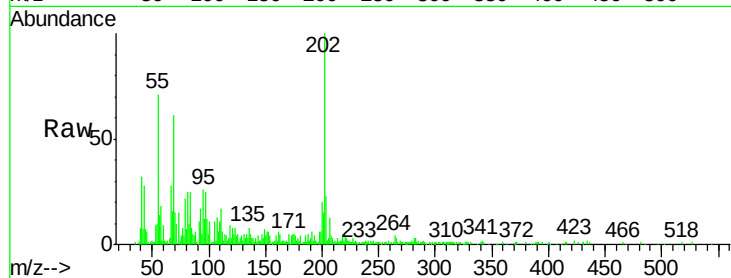
Tot Ion: 202 Resp: 57218

Ion Ratio Lower Upper

202 100

101 10.5 10.6 16.0#

100 8.1 8.7 13.1#



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

