

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029219.D
 Acq On : 14 Oct 2017 9:29
 Operator : SJ/JU
 Sample : I5574-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:21:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	89839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	394660	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	241489	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	581088	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	549496	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	534941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	19891	9.00	ng/uL	0.00
5) Phenol-d5	7.31	99	442704	51.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	269526	49.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	320276	52.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	350809	50.37	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	160258	56.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	173213	59.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	328598	49.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	434333	56.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1047761	50.75	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1294095	51.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	199696	52.39	ng/ul	0.00
57) Fluorene-d10	15.78	176	914991	54.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	135593	47.80	ng/ul	0.00
70) Anthracene-d10	17.53	188	581088	21.14	ng/ul	-0.10
76) Pyrene-d10	19.89	212	1475317	51.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	1357478	53.58	ng/ul	0.01

Target Compounds

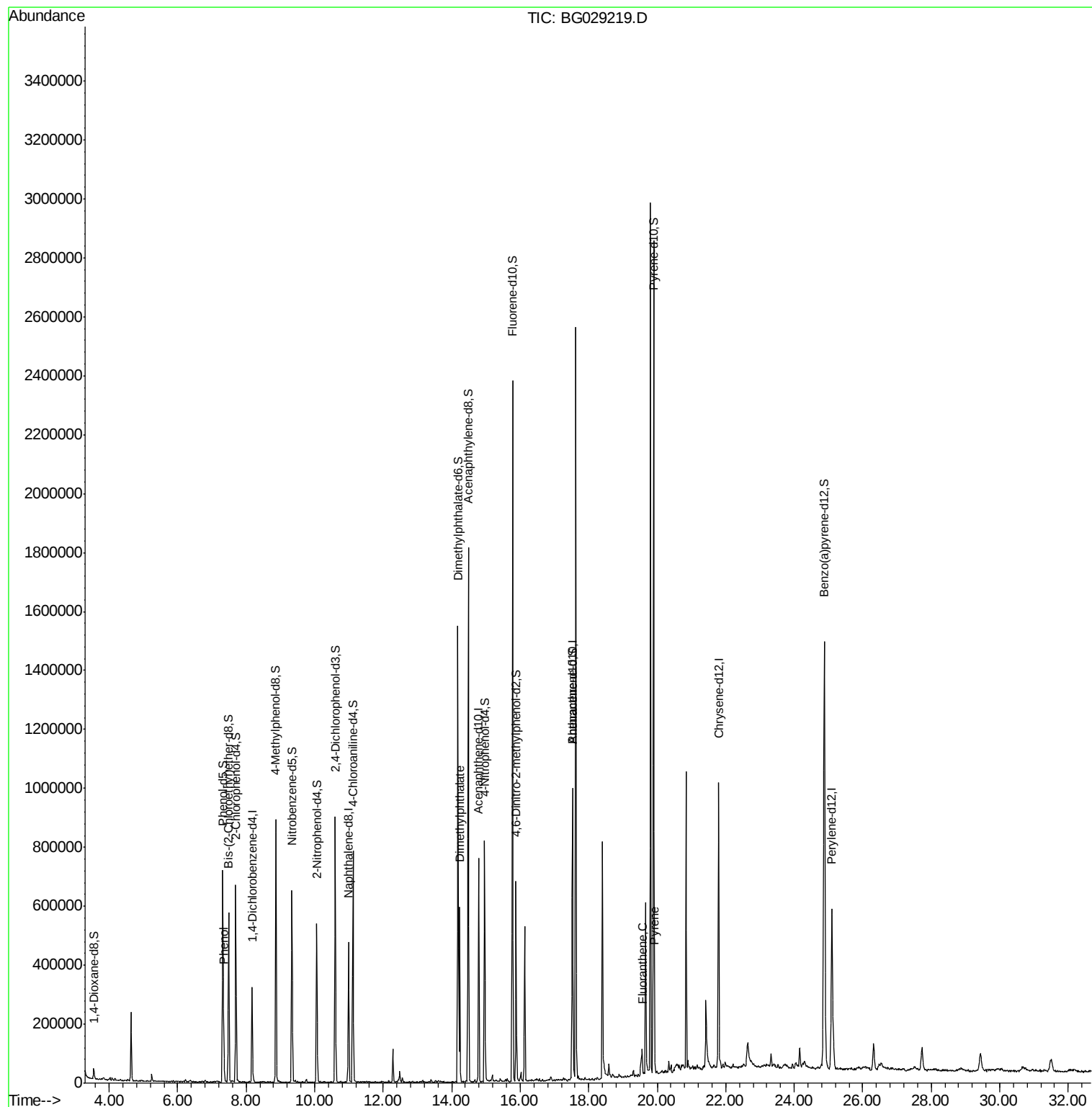
						Ovalue
6) Phenol	7.34	94	86294	9.67	ng/ul	91
44) Dimethylphthalate	14.23	163	365562	18.15	ng/ul	99
74) Fluoranthene	19.56	202	39979	1.14	ng/ul#	89
77) Pyrene	19.92	202	38705	1.05	ng/ul#	91

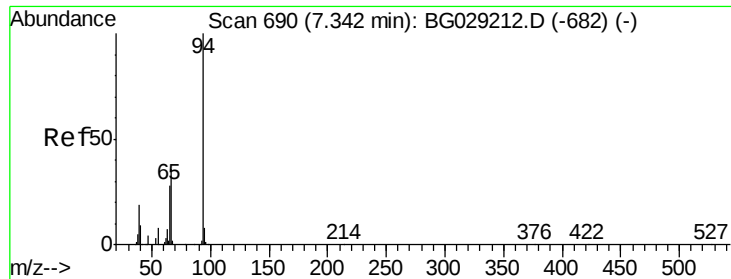
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 9.67 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029219.D

Acq: 14 Oct 2017 9:29

Instrument :

BNA_G

ClientSampleId :

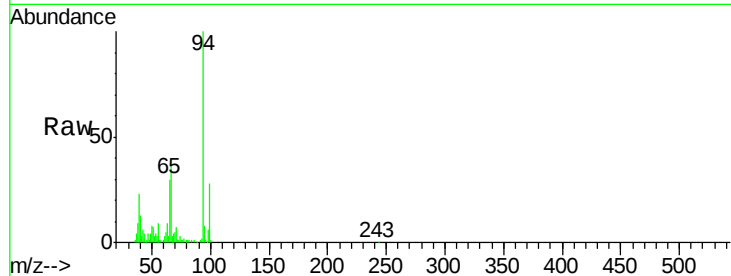
Tot Ion: 94 Resp: 86294

Ion Ratio Lower Upper

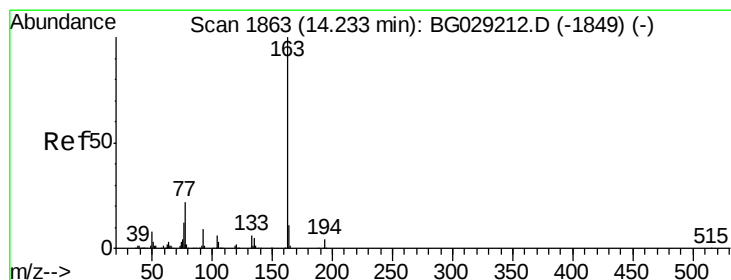
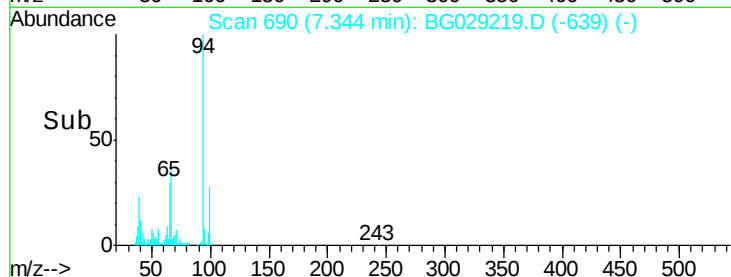
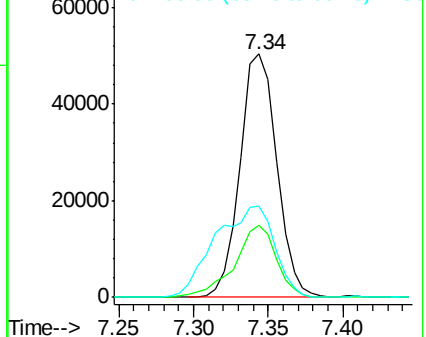
94 100

65 29.5 27.1 40.7

66 37.4 34.6 52.0



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: 18.15 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029219.D

Acq: 14 Oct 2017 9:29

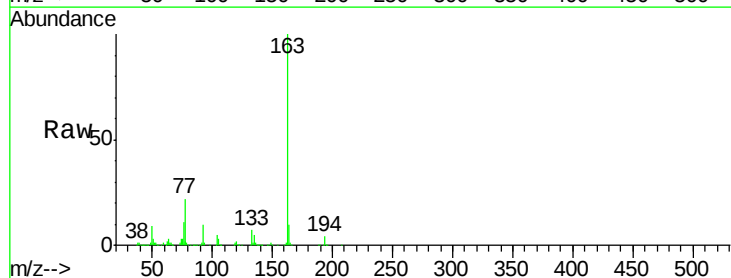
Tgt Ion:163 Resp: 365562

Ion Ratio Lower Upper

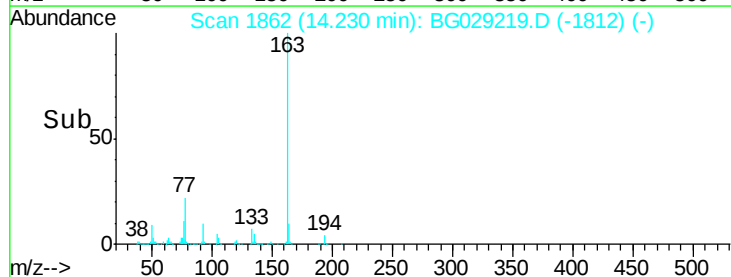
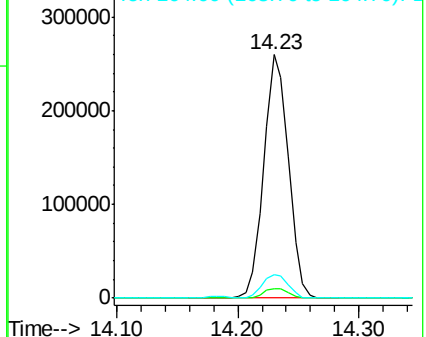
163 100

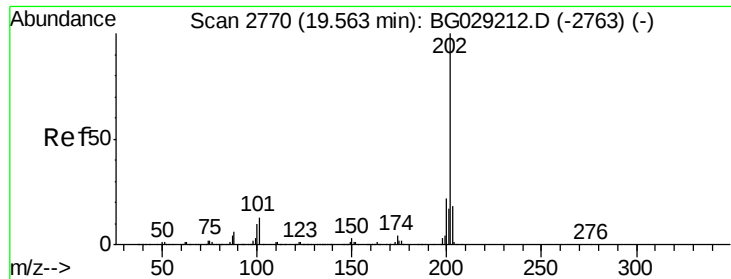
194 4.0 3.5 5.3

164 9.7 7.6 11.4



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: 1.14 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029219.D

Acq: 14 Oct 2017 9:29

Instrument :

BNA_G

ClientSampleId :

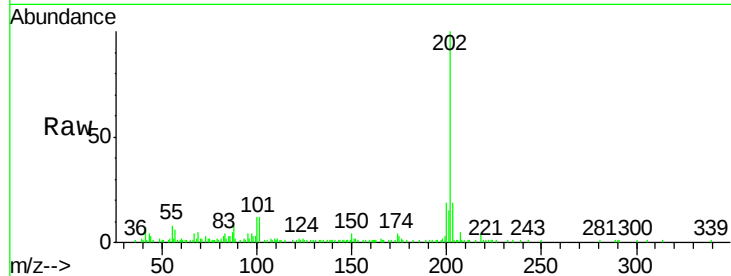
Tot Ion:202 Resp: 39979

Ion Ratio Lower Upper

202 100

101 12.4 7.4 11.2#

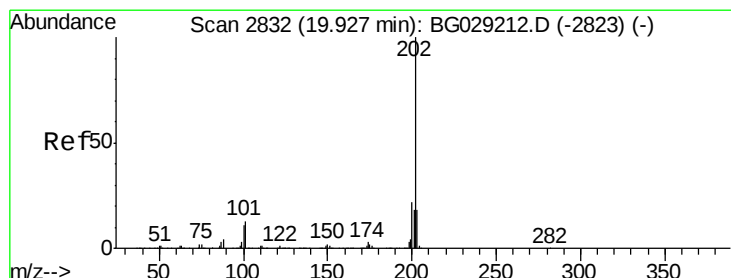
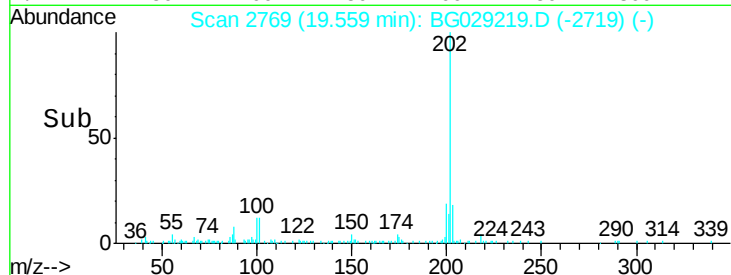
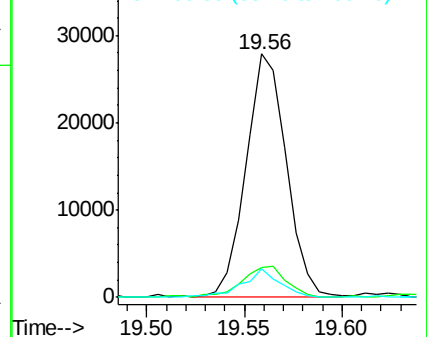
100 12.0 5.6 8.4#



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



#77

Pyrene

Concen: 1.05 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029219.D

Acq: 14 Oct 2017 9:29

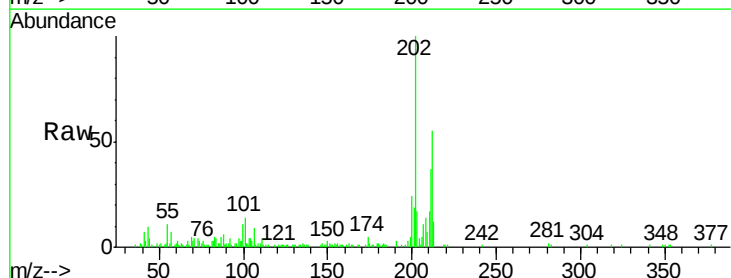
Tgt Ion:202 Resp: 38705

Ion Ratio Lower Upper

202 100

101 14.2 8.4 12.6#

100 11.3 7.0 10.6#



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

