

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019788.D
 Acq On : 22 Nov 2015 18:20
 Operator : UM/NP
 Sample : G4345-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J68

Quant Time: Nov 23 01:18:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	67821	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	63711	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	188028	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	267320	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	256387	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1869	4.83	ng/uL	0.00
5) Phenol-d5	7.26	99	46608	27.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	30410	27.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	31193	28.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	40578	28.93	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	15839	28.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	20854	33.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	42658	31.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	51629	40.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	192267	33.37	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	184974	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	29128	32.08	ng/ul	0.00
58) Fluorene-d10	15.74	176	156491	30.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	32159	26.48	ng/ul	0.00
71) Anthracene-d10	17.60	188	277458	30.39	ng/ul	0.00
79) Pyrene-d10	19.87	212	344411	28.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	382869	28.60	ng/ul	0.00

Target Compounds

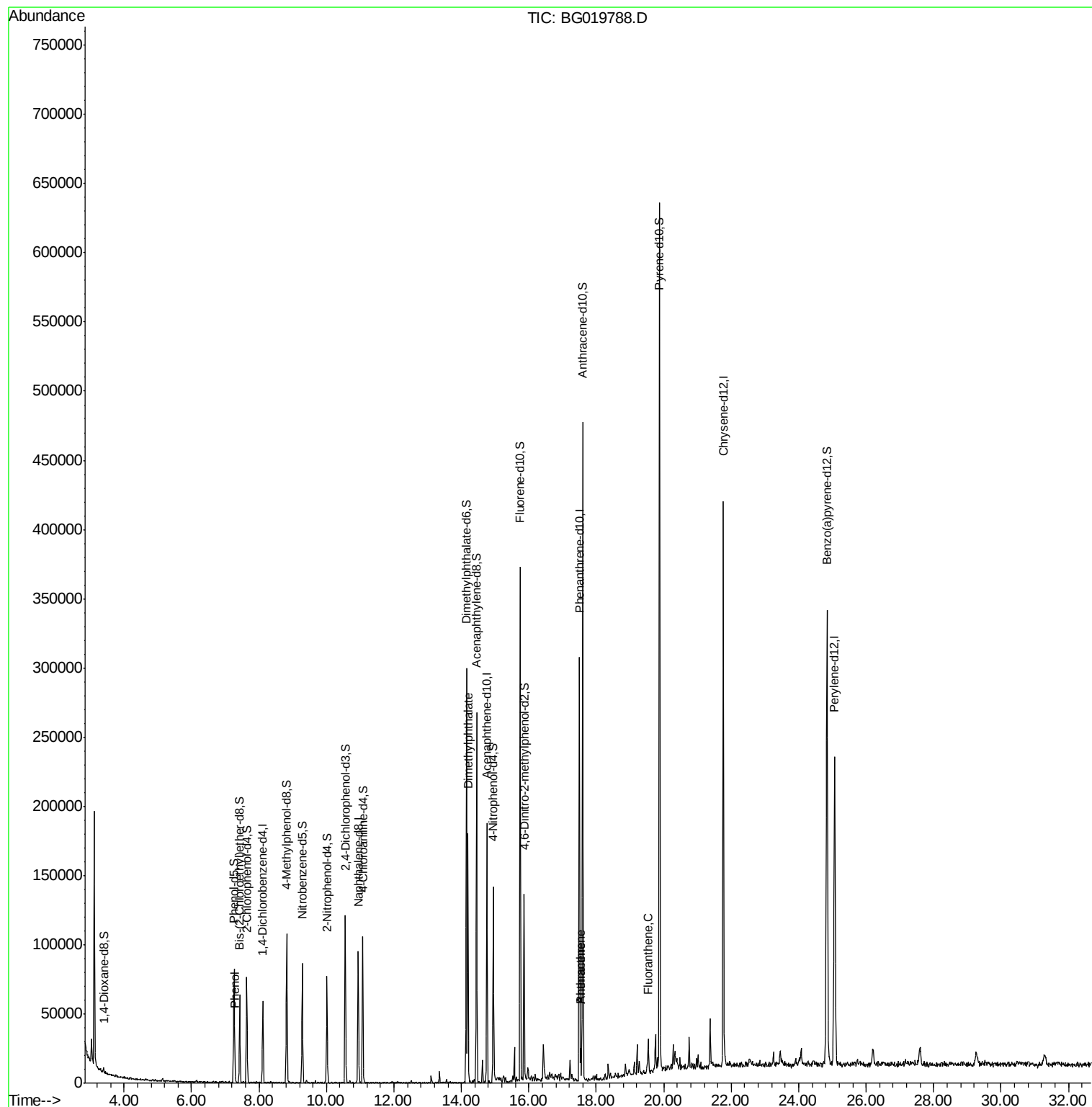
						Qvalue
6) Phenol	7.28	94	3030	1.66	ng/ul	92
45) Dimethylphthalate	14.19	163	109233	19.12	ng/ul	99
70) Phenanthrene	17.54	178	12525	1.24	ng/ul	100
72) Anthracene	17.54	178	12525	1.23	ng/ul	97
77) Fluoranthene	19.54	202	14821	1.16	ng/ul#	97

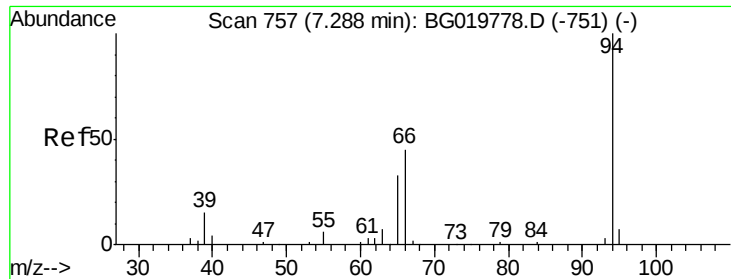
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.66 ng/ul

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG019788.D

Acq: 22 Nov 2015 18:20

Instrument :

BNA_G

ClientSampled :

A4J68

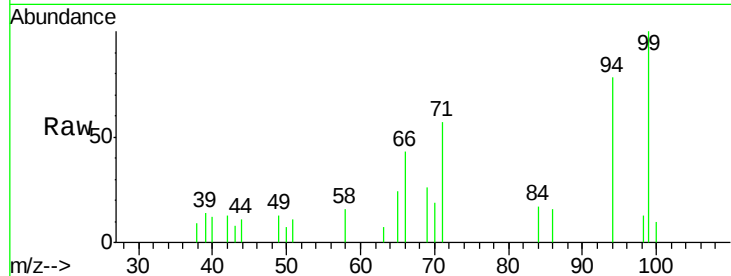
Tgt Ion: 94 Resp: 3030

Ion Ratio Lower Upper

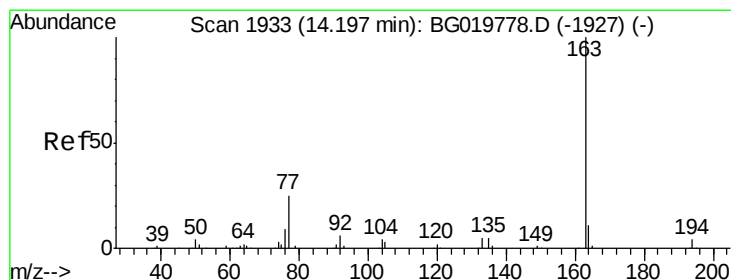
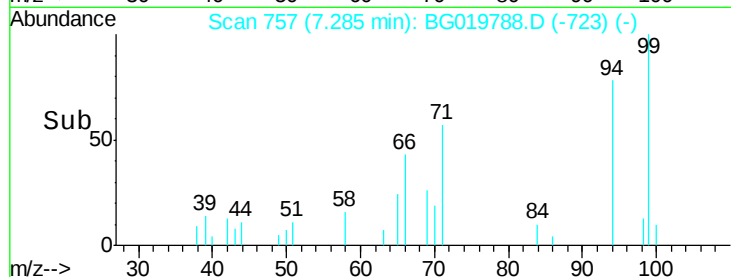
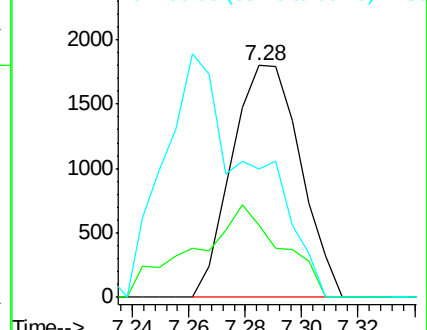
94 100

65 31.1 27.4 41.0

66 55.5 39.0 58.6



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



#45

Dimethylphthalate

Concen: 19.12 ng/ul

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG019788.D

Acq: 22 Nov 2015 18:20

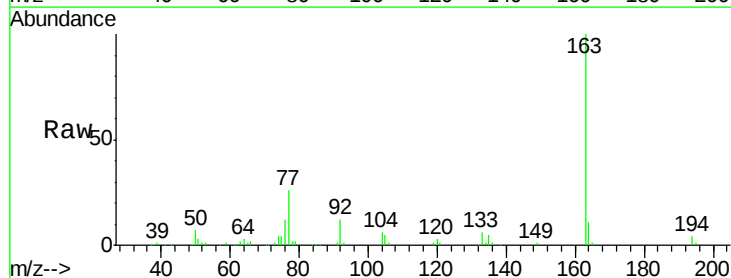
Tgt Ion:163 Resp: 109233

Ion Ratio Lower Upper

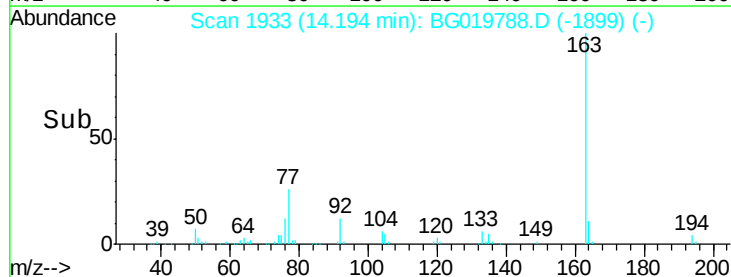
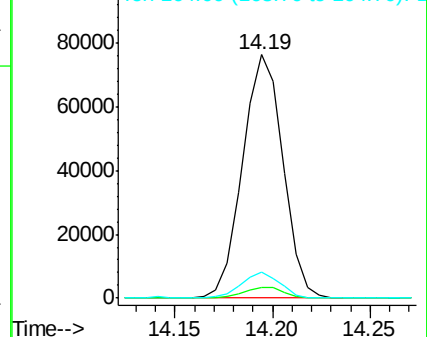
163 100

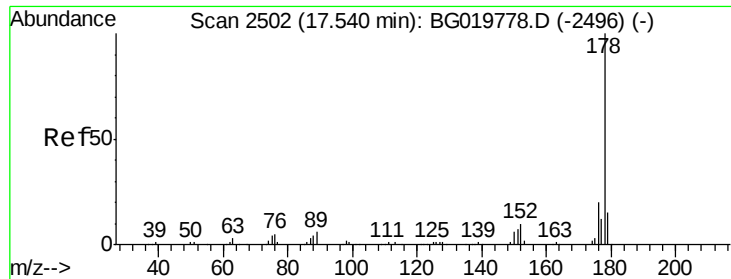
194 4.3 3.5 5.3

164 10.9 8.3 12.5



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





#70

Phenanthrene

Concen: 1.24 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG019788.D

Acq: 22 Nov 2015 18:20

Instrument :

BNA_G

ClientSampleId :

A4J68

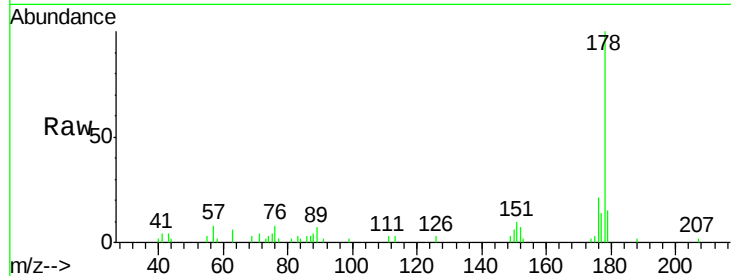
Tgt Ion:178 Resp: 12525

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

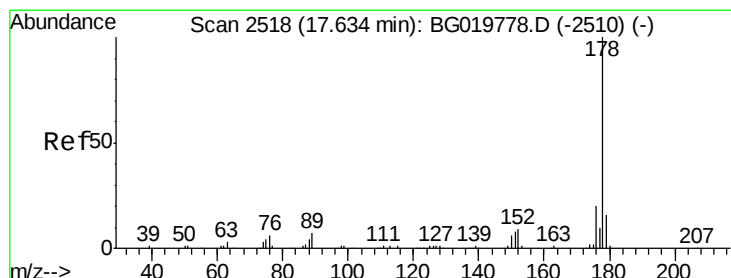
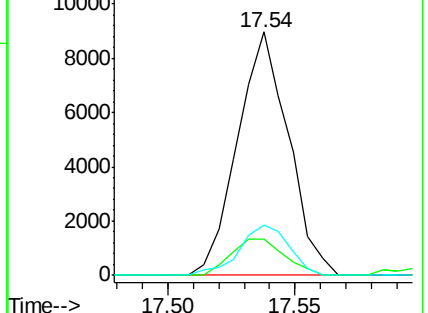
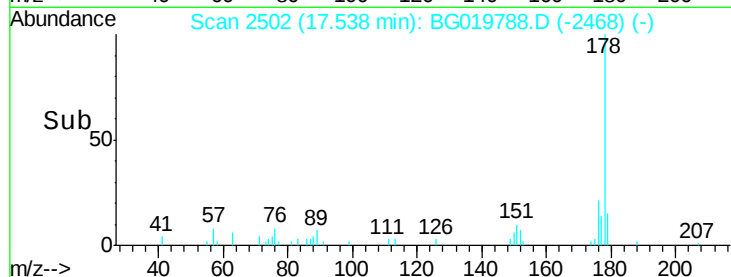
176 20.7 16.6 24.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.23 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. -0.10 min

Lab File: BG019788.D

Acq: 22 Nov 2015 18:20

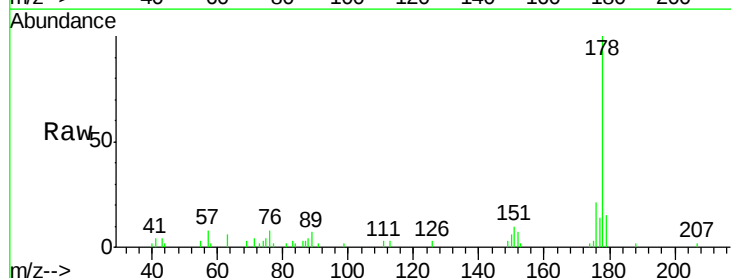
Tgt Ion:178 Resp: 12525

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

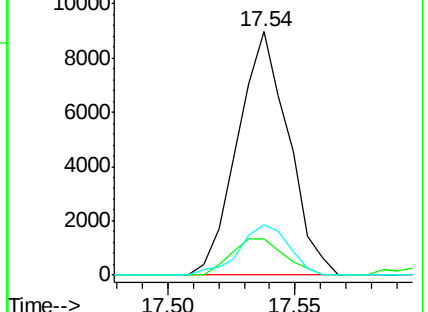
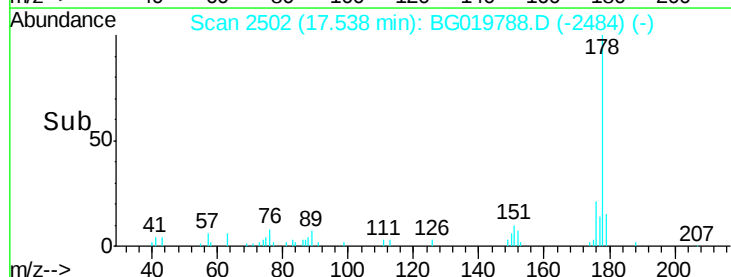
176 20.7 15.0 22.4

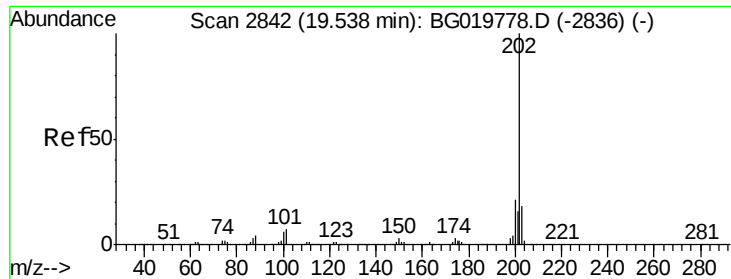


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77
 Fluoranthene
 Concen: 1.16 ng/ul
 RT: 19.54 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BG019788.D
 Acq: 22 Nov 2015 18:20

Instrument :
 BNA_G
 ClientSampleId :
 A4J68

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.2	7.8#
100	6.5	5.0	7.4

