

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019406.D
 Acq On : 29 Oct 2015 7:16
 Operator : UM/NP
 Sample : G4075-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9K6

Quant Time: Oct 30 00:46:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 04:26:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	38874	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	162097	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	122458	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	312553	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	383971	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	359254	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2891	3.56	ng/uL	0.00
5) Phenol-d5	7.36	99	77016	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	48094	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	47132	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	60021	21.12	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	24675	20.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	28736	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	62117	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	48282	15.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	198387	19.65	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	234308	20.95	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	27910	17.40	ng/ul	0.00
58) Fluorene-d10	15.82	176	183915	19.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	34324	16.97	ng/ul	0.00
71) Anthracene-d10	17.67	188	300809	21.11	ng/ul	0.00
79) Pyrene-d10	19.95	212	352437	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	378925	21.02	ng/ul	0.00

Target Compounds

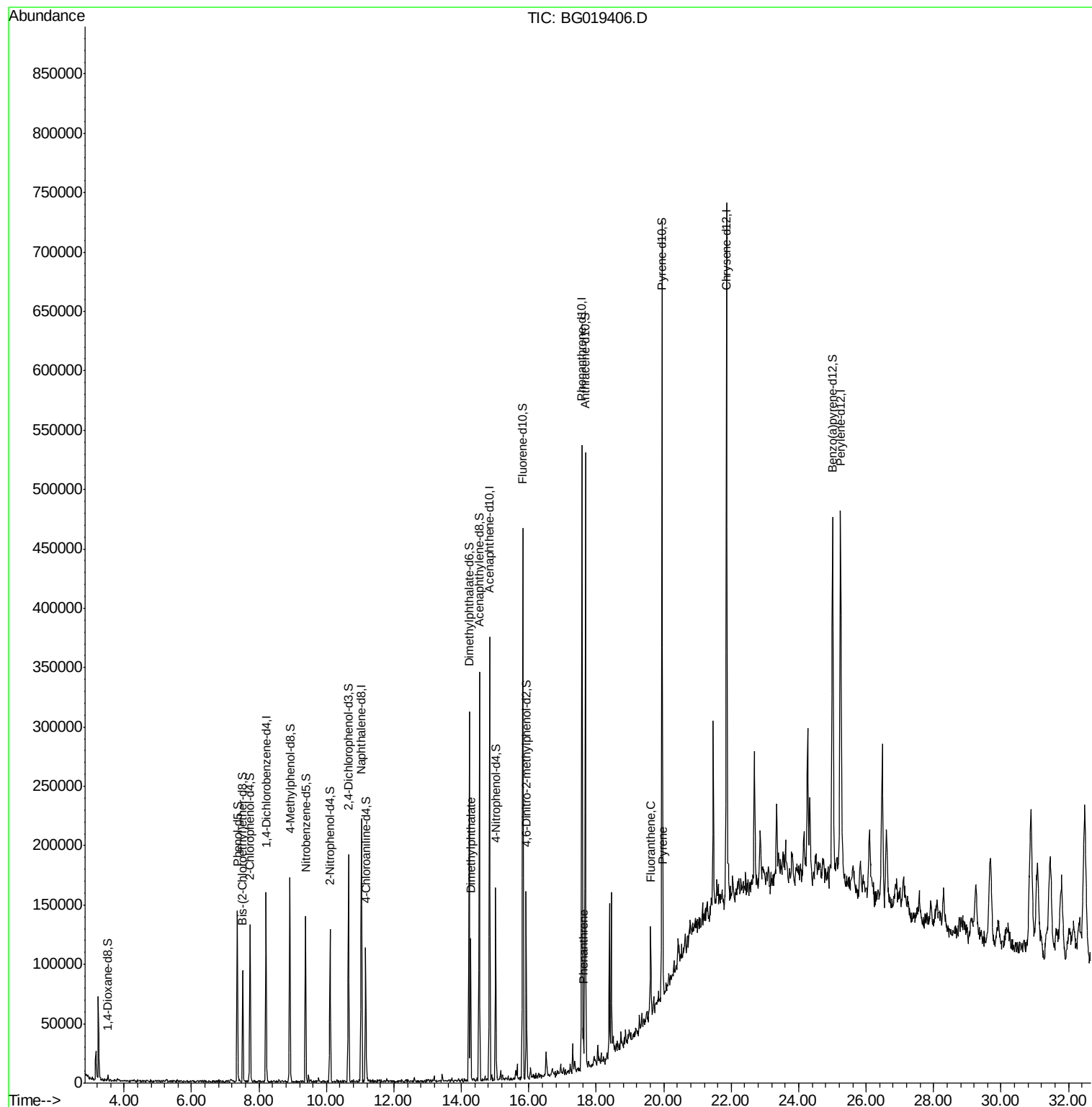
					Ovalue
45) Dimethylphthalate	14.27	163	70860	6.86 ng/ul	98
70) Phenanthrene	17.61	178	19940	1.26 ng/ul	97
77) Fluoranthene	19.61	202	43834	2.15 ng/ul#	94
80) Pyrene	19.98	202	33342	1.55 ng/ul#	93

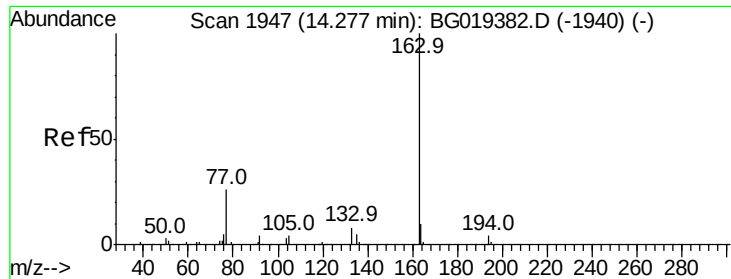
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.86 ng/ul

RT: 14.27 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG019406.D

Acq: 29 Oct 2015 7:16

Instrument :

BNA_G

ClientSampleId :

JG9K6

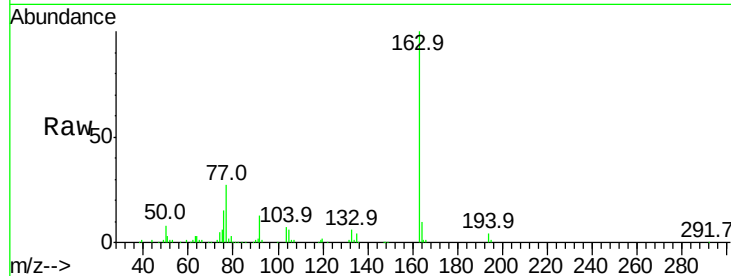
Tot Ion:163 Resp: 70860

Ion Ratio Lower Upper

163 100

194 4.5 4.3 6.5

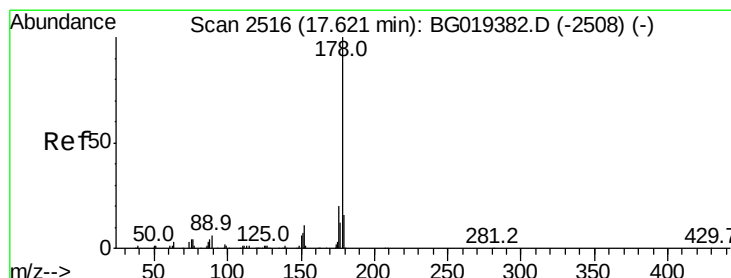
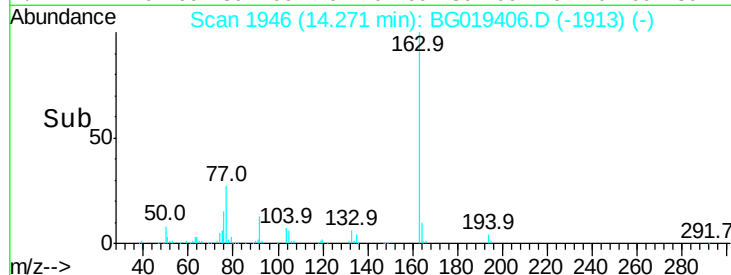
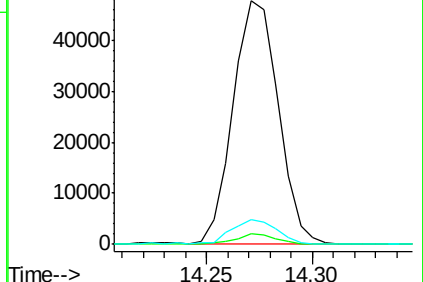
164 10.1 7.5 11.3



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: 1.26 ng/ul

RT: 17.61 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BG019406.D

Acq: 29 Oct 2015 7:16

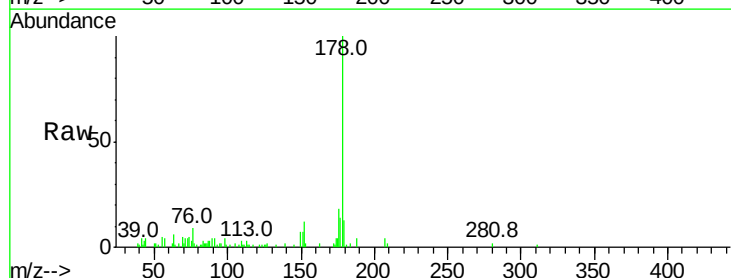
Tgt Ion:178 Resp: 19940

Ion Ratio Lower Upper

178 100

179 12.9 12.6 18.8

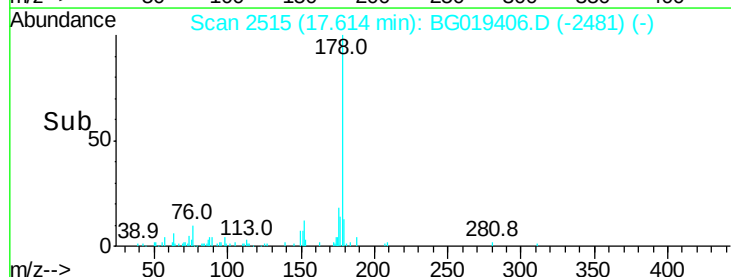
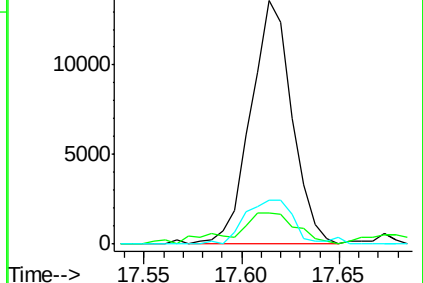
176 17.9 14.3 21.5

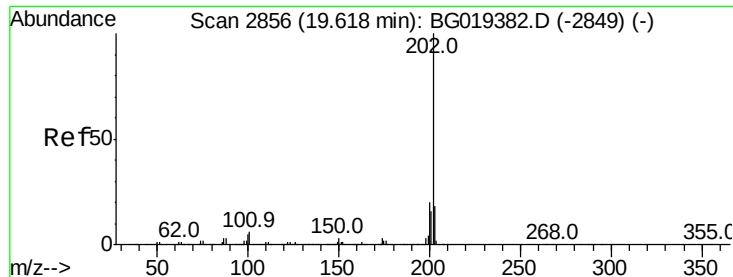


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

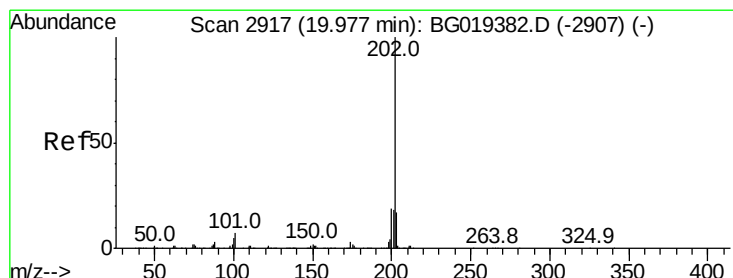
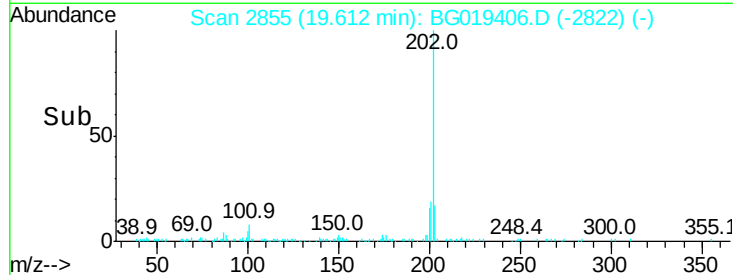
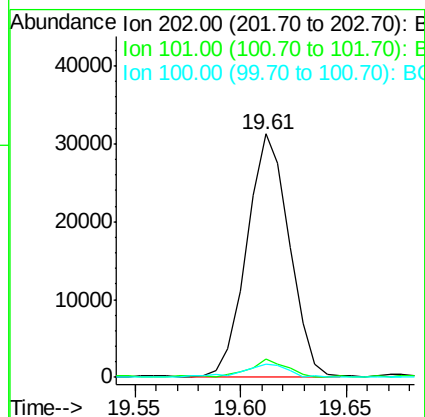
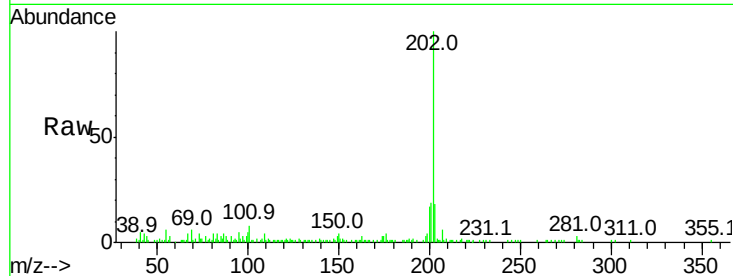




#77
 Fluoranthene
 Concen: 2.15 ng/ul
 RT: 19.61 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BG019406.D
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Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.0	6.0#
100	5.5	3.6	5.4#



#80
 Pyrene
 Concen: 1.55 ng/ul
 RT: 19.98 min Scan# 2917
 Delta R.T. 0.00 min
 Lab File: BG019406.D
 Acq: 29 Oct 2015 7:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.3	6.5#
100	7.8	3.6	5.4#

