

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019799.D
 Acq On : 23 Nov 2015 2:30
 Operator : UM/NP
 Sample : G4345-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J63

Quant Time: Nov 23 04:20:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:11:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19568	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	85565	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	76629	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	212410	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	279783	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	268125	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1579	3.45	ng/uL	0.00
5) Phenol-d5	7.26	99	37488	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	24234	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	24728	19.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	29762	17.93	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	13337	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	16760	21.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	34914	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	8020	4.94	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	138566	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	138991	18.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	18573	17.01	ng/ul	0.00
58) Fluorene-d10	15.74	176	118330	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	23903	17.42	ng/ul	0.00
71) Anthracene-d10	17.49	188	212410	20.60	ng/ul	-0.10
79) Pyrene-d10	19.87	212	180787	14.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	157527	11.25	ng/ul	0.00

Target Compounds

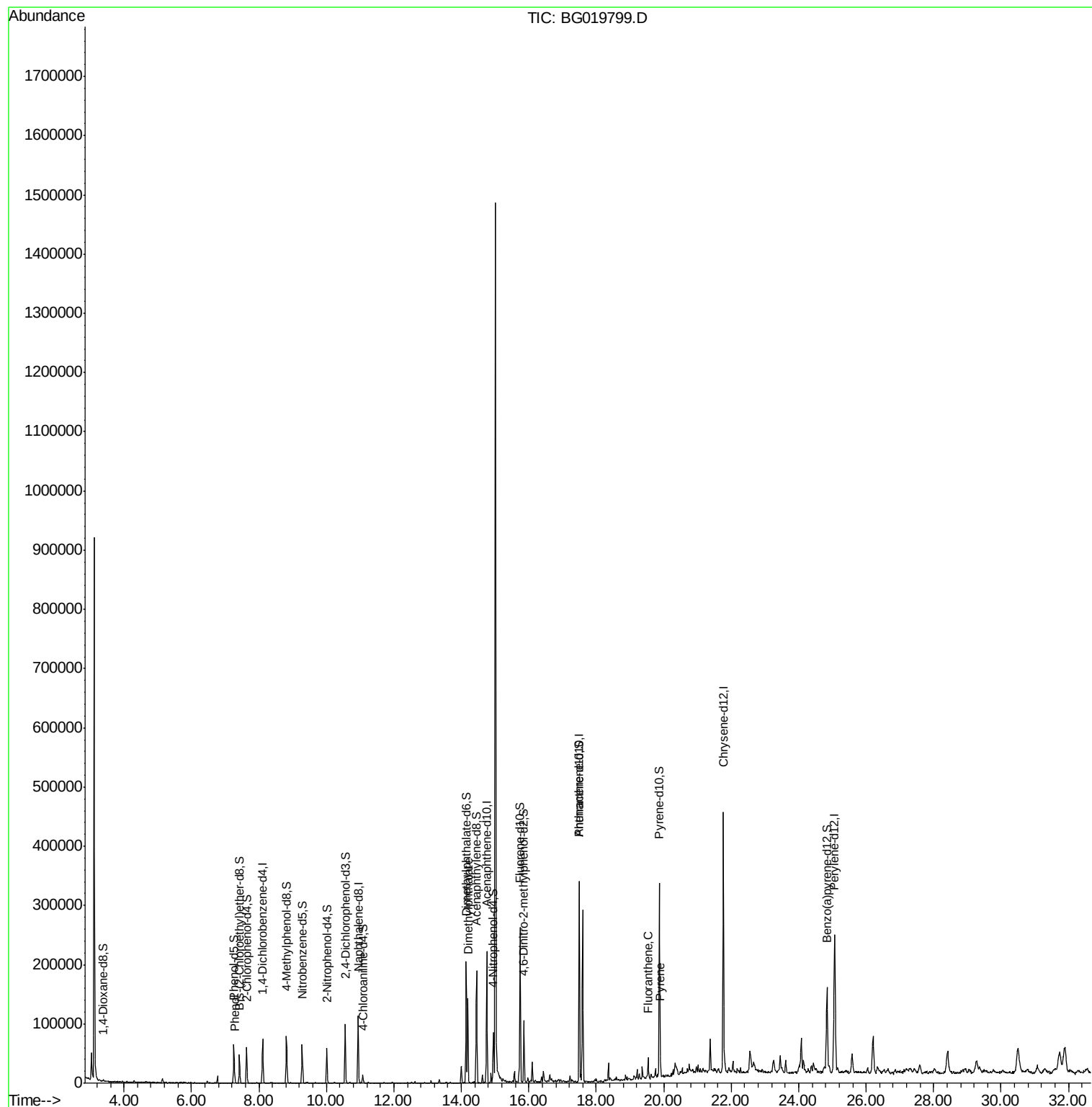
						Qvalue
6) Phenol	7.29	94	2747	1.27	ng/ul#	84
45) Dimethylphthalate	14.19	163	86638	12.61	ng/ul	99
77) Fluoranthene	19.54	202	21105	1.46	ng/ul	97
80) Pyrene	19.90	202	18658	1.14	ng/ul	98

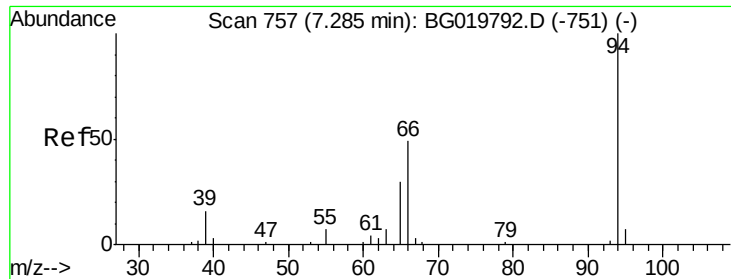
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.27 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG019799.D

Acq: 23 Nov 2015 2:30

Instrument :

BNA_G

ClientSampled :

A4J63

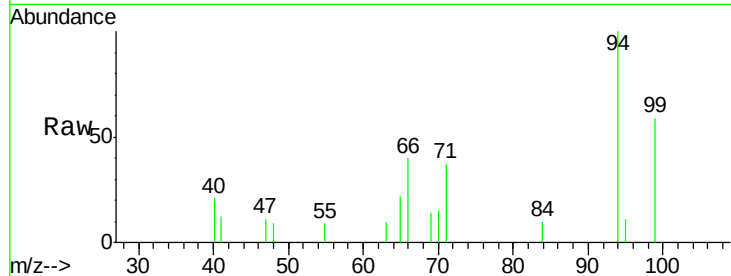
Tgt Ion: 94 Resp: 2747

Ion Ratio Lower Upper

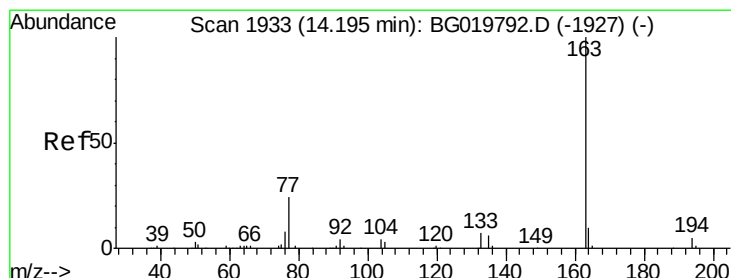
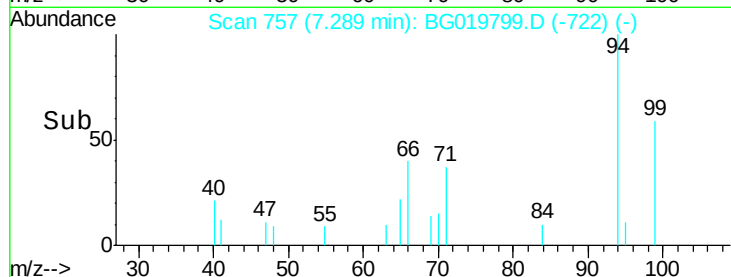
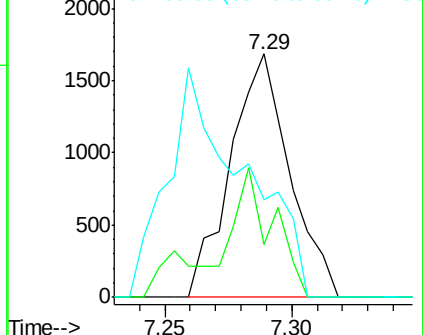
94 100

65 21.8 27.4 41.0#

66 40.1 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: 12.61 ng/ul

RT: 14.19 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BG019799.D

Acq: 23 Nov 2015 2:30

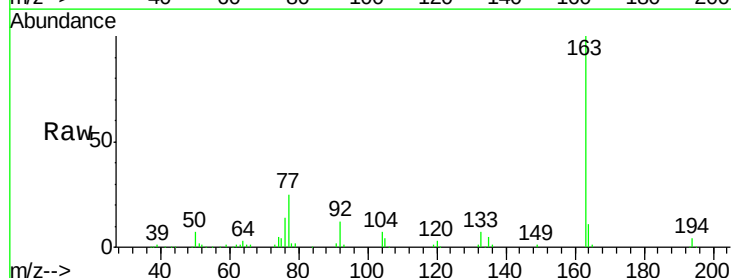
Tgt Ion: 163 Resp: 86638

Ion Ratio Lower Upper

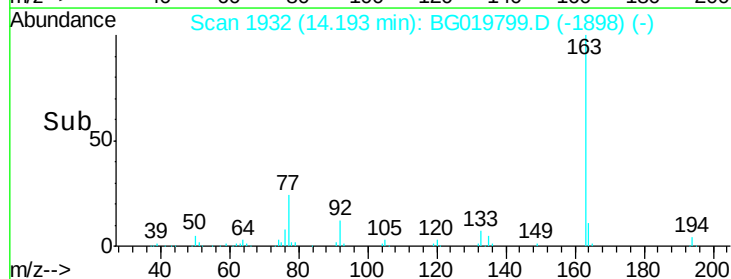
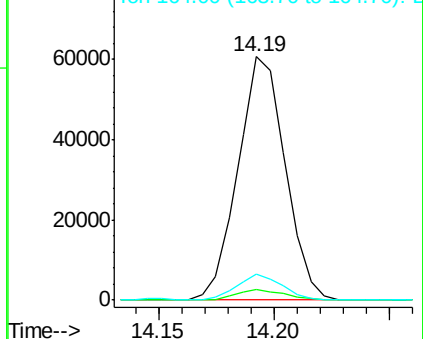
163 100

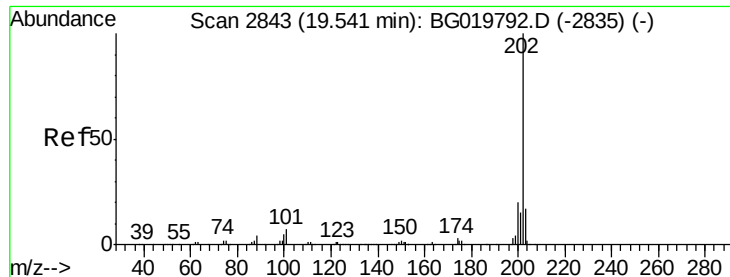
194 4.3 3.5 5.3

164 10.7 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





#77

Fluoranthene

Concen: 1.46 ng/ul

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG019799.D

Acq: 23 Nov 2015 2:30

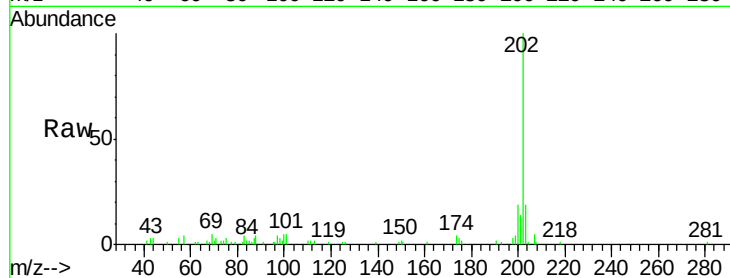
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BNA_G

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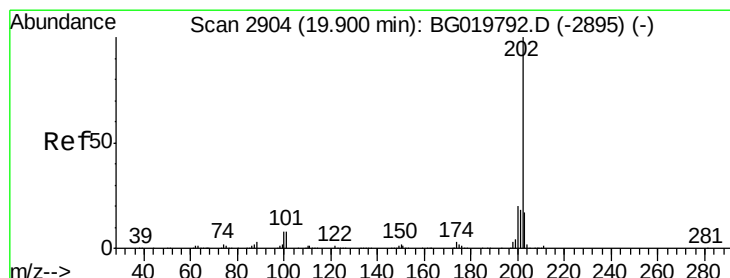
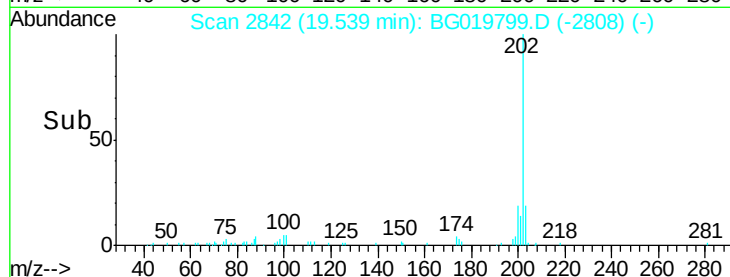
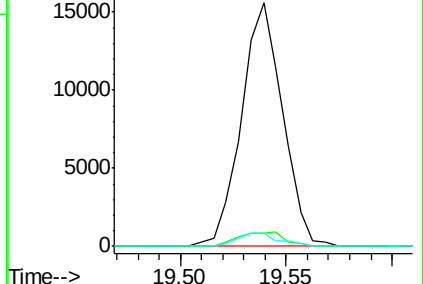
Tgt Ion:	202	Resp:	21105
Ion Ratio	Lower	Upper	
202	100		
101	5.4	5.2	7.8
100	5.4	5.0	7.4



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



#80

Pyrene

Concen: 1.14 ng/ul

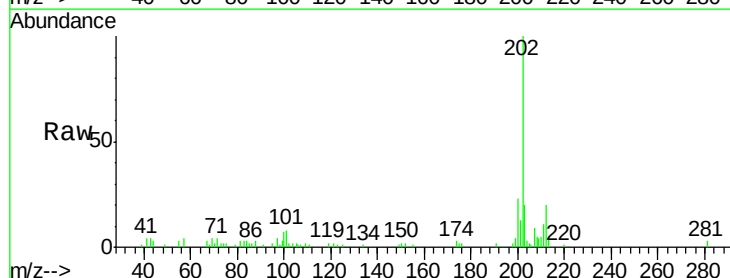
RT: 19.90 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG019799.D

Acq: 23 Nov 2015 2:30

Tgt Ion:	202	Resp:	18658
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.0	10.6
100	7.4	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

