

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110817\
 Data File : BG030867.D
 Acq On : 9 Nov 2017 4:29
 Operator : SJ/JU
 Sample : I6245-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0F11

Quant Time: Nov 09 07:41:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 07:08:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	308790	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	202632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	475999	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	542716	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	569013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	7063	4.45	ng/uL	0.00
5) Phenol-d5	7.31	99	131646	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	93594	24.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	119619	27.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	98224	19.63	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	68360	30.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	85322	37.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	143310	27.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	165794	27.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	512104	29.56	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	626846	29.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	61309	19.17	ng/ul	0.00
57) Fluorene-d10	15.76	176	472534	33.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	61465	26.45	ng/ul	0.00
70) Anthracene-d10	17.61	188	733470	32.58	ng/ul	0.00
76) Pyrene-d10	19.88	212	844459	30.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	911325	33.82	ng/ul	0.00

Target Compounds

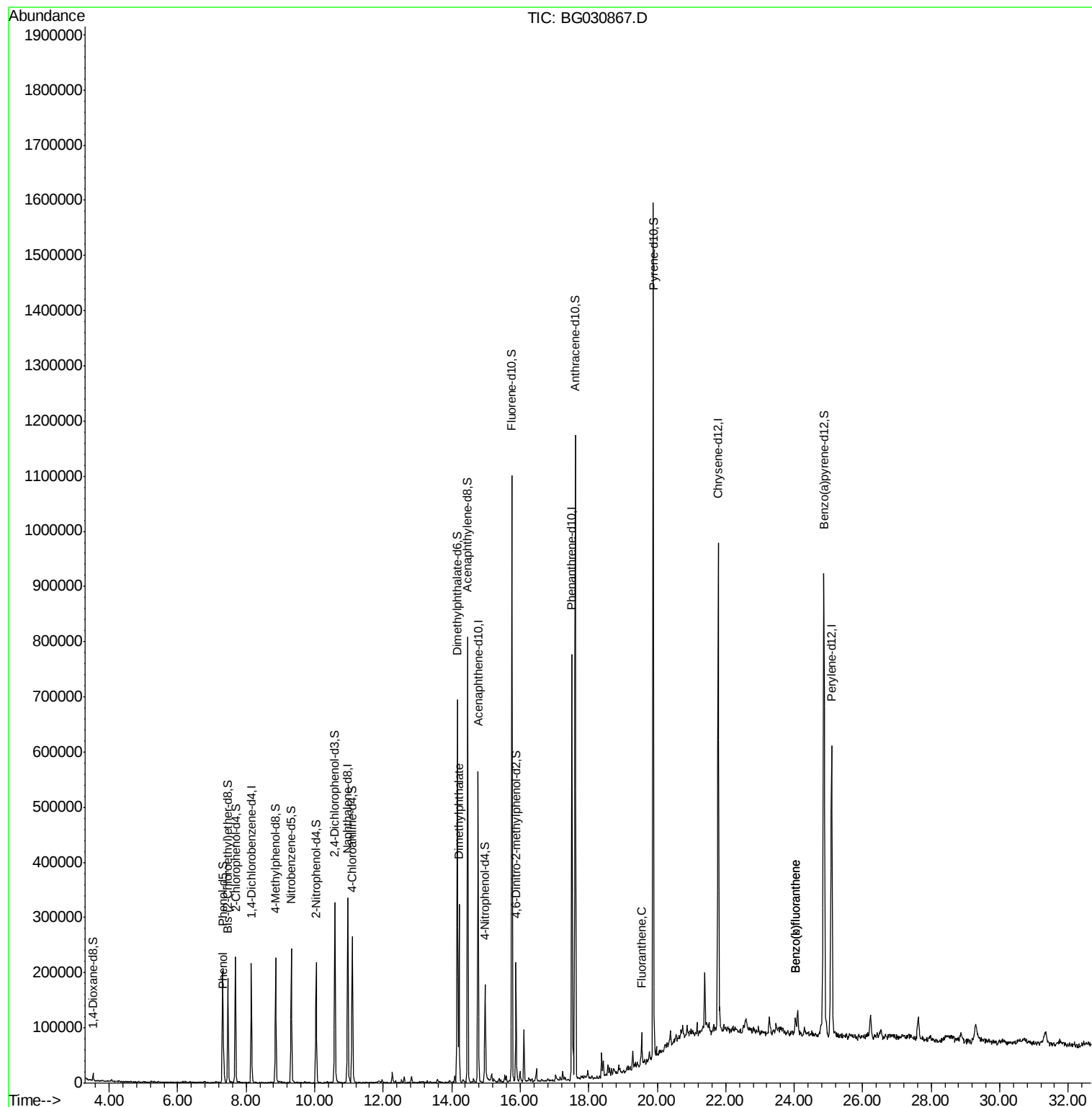
						Ovalue
6) Phenol	7.34	94	26812	4.18	ng/ul	91
44) Dimethylphthalate	14.21	163	236601	14.00	ng/ul	98
74) Fluoranthene	19.55	202	33887	1.18	ng/ul	97
85) Benzo(b)fluoranthene	24.04	252	36878	1.08	ng/ul	96
86) Benzo(k)fluoranthene	24.04	252	36878	1.12	ng/ul	96

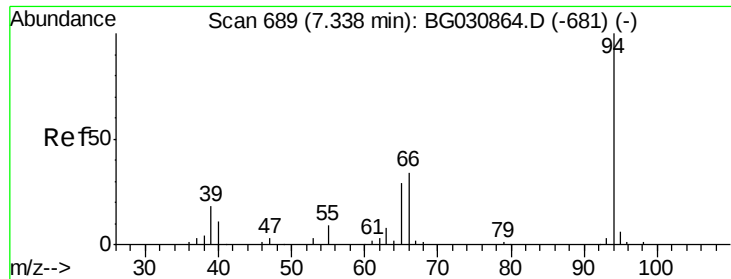
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.18 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030867.D

Acq: 9 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

B0F11

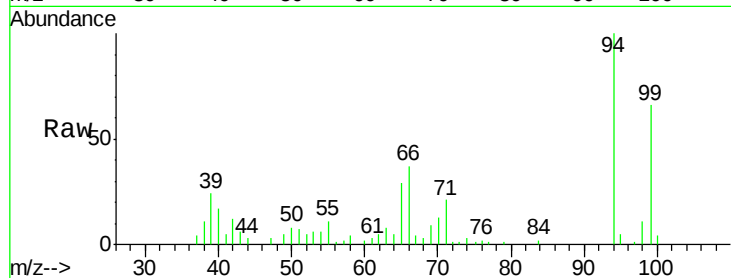
Tot Ion: 94 Resp: 26812

Ion Ratio Lower Upper

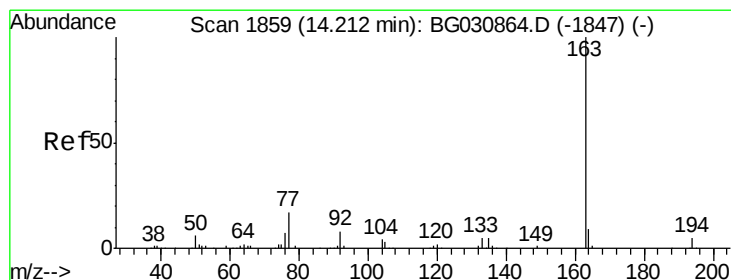
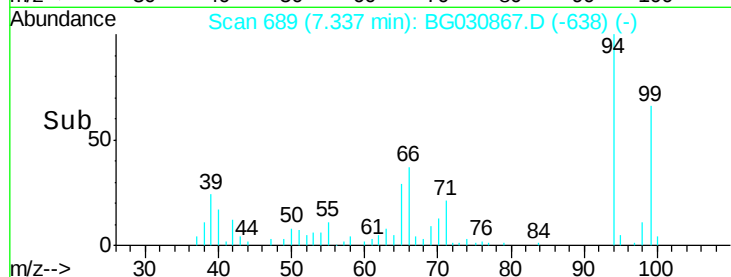
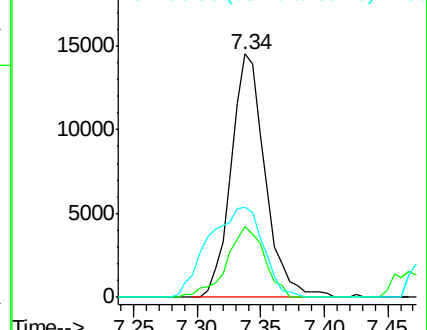
94 100

65 28.9 27.1 40.7

66 37.1 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: 14.00 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG030867.D

Acq: 9 Nov 2017 4:29

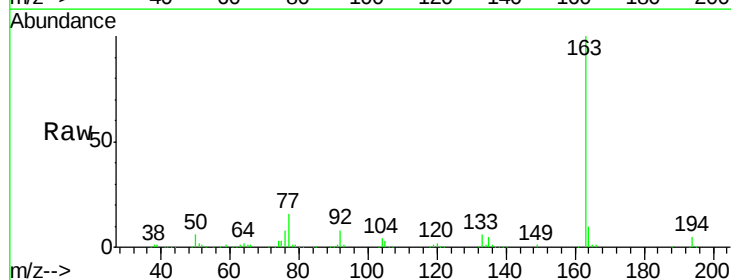
Tgt Ion: 163 Resp: 236601

Ion Ratio Lower Upper

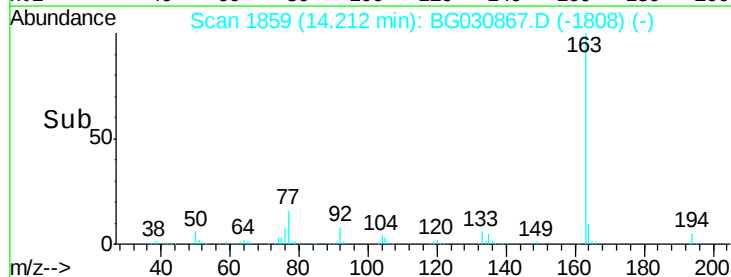
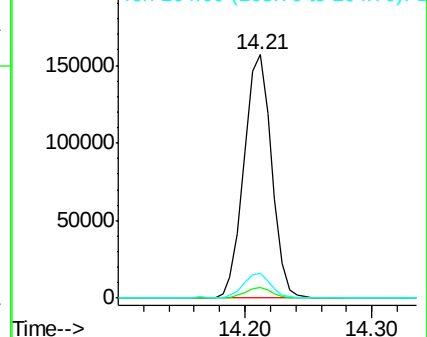
163 100

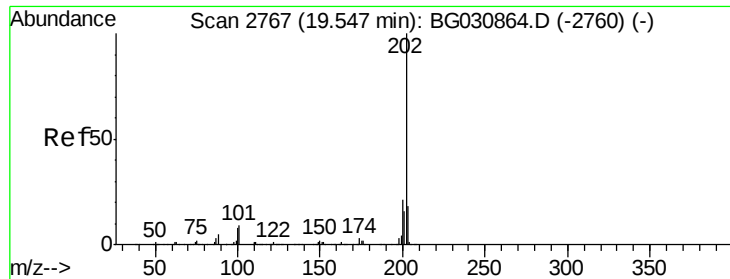
194 4.5 3.5 5.3

164 10.3 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

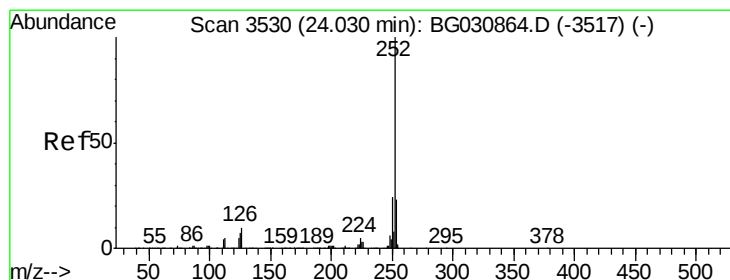
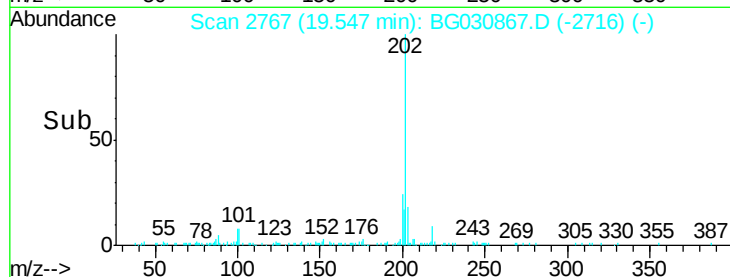
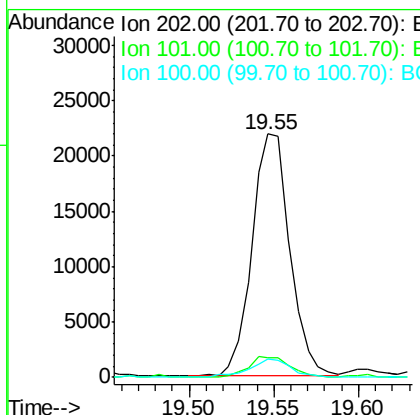
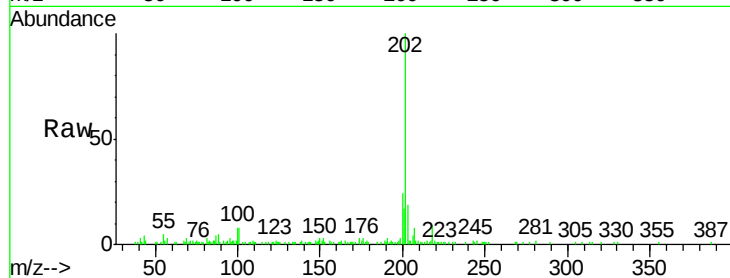




#74
 Fluoranthene
 Concen: 1.18 ng/ul
 RT: 19.55 min Scan# 2767
 Delta R.T. -0.00 min
 Lab File: BG030867.D
 Acq: 9 Nov 2017 4:29

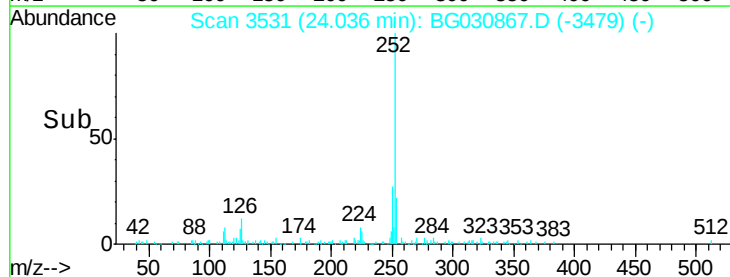
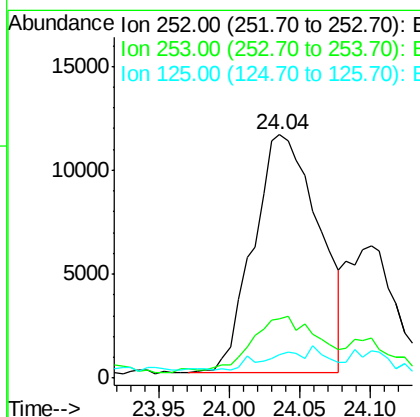
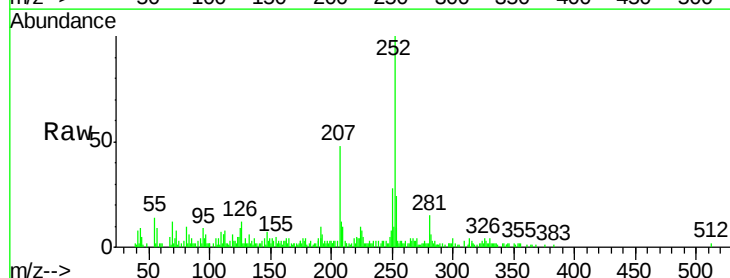
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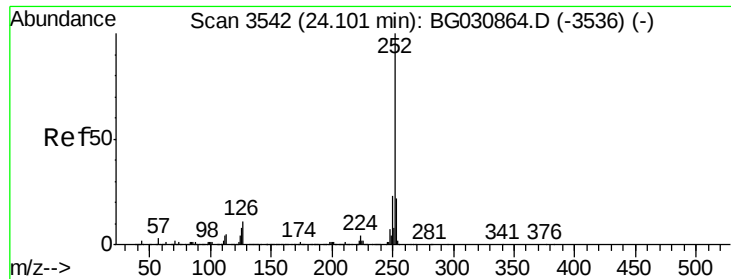
Tot Ion:	202	Resp:	33887
Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.4	11.2
100	7.7	5.6	8.4



#85
 Benzo(b)fluoranthene
 Concen: 1.08 ng/ul
 RT: 24.04 min Scan# 3531
 Delta R.T. 0.01 min
 Lab File: BG030867.D
 Acq: 9 Nov 2017 4:29

Tgt Ion:	252	Resp:	36878
Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.4
125	9.5	7.5	11.3





#86

Benzo(k)fluoranthene

Concen: 1.12 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. -0.06 min

Lab File: BG030867.D

Acq: 9 Nov 2017 4:29

Instrument :

BNA_G

ClientSampleId :

B0F11

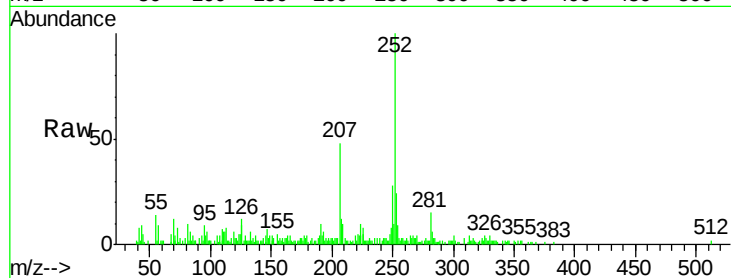
Tot Ion:252 Resp: 36878

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 9.5 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

