

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019673.D
 Acq On : 17 Nov 2015 23:34
 Operator : UM/NP
 Sample : G4427-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 03:04:12 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	21364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	95090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	81183	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	238608	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	308704	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	292914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3089	6.17	ng/uL	0.00
5) Phenol-d5	7.29	99	67118	30.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	46406	32.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	42195	30.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	55202	30.46	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	23846	30.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	27961	31.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	54321	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	62870	34.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	219011	29.83	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	211526	26.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	36784	31.80	ng/ul	0.00
58) Fluorene-d10	15.77	176	174192	26.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	42549	27.60	ng/ul	0.00
71) Anthracene-d10	17.62	188	322666	27.85	ng/ul	0.00
79) Pyrene-d10	19.90	212	362007	25.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	404625	26.46	ng/ul	0.00

Target Compounds

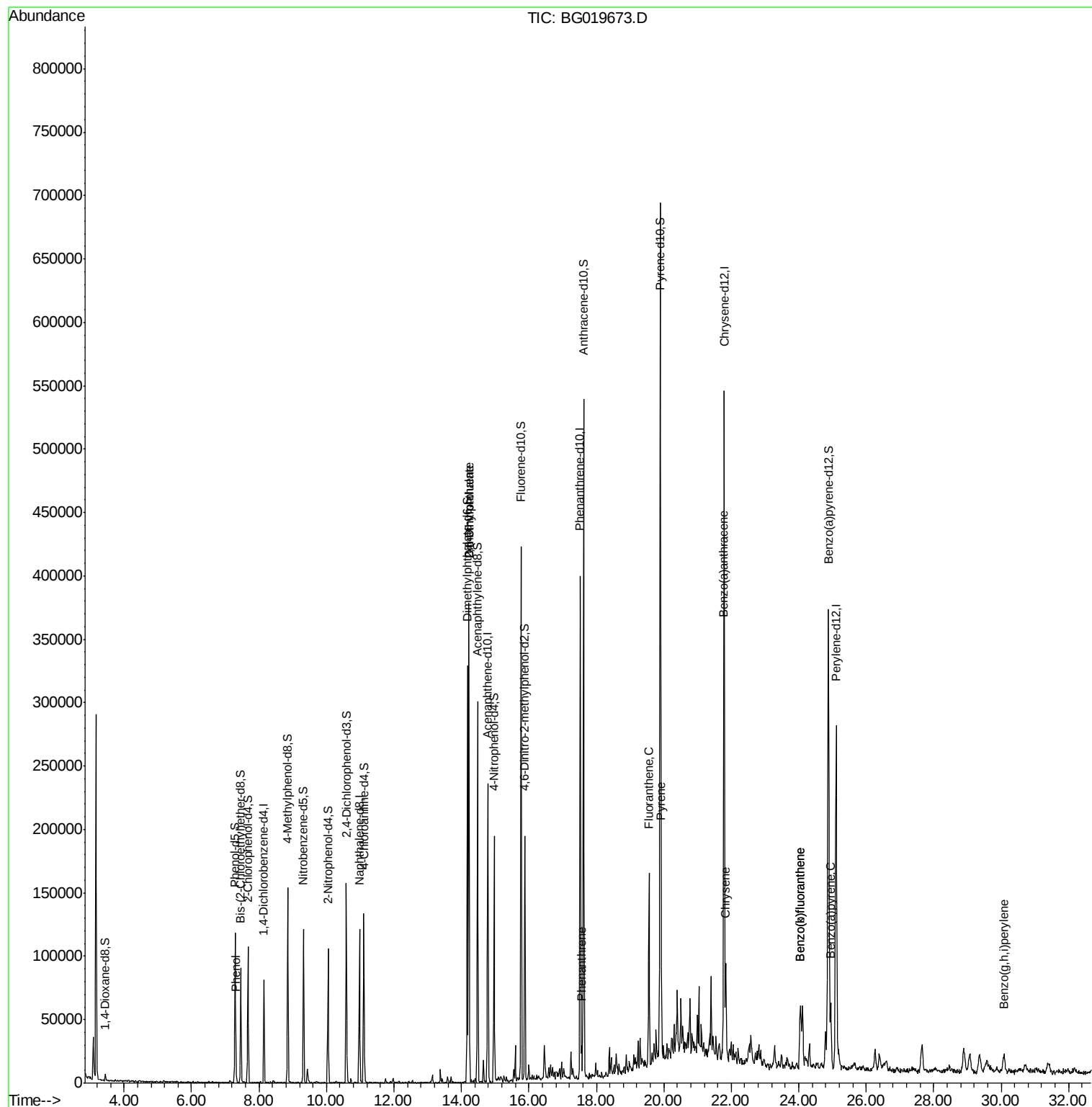
						Ovalue
6) Phenol	7.32	94	4802	2.03	ng/ul	94
45) Dimethylphthalate	14.23	163	227726	31.28	ng/ul	98
46) 2,6-Dinitrotoluene	14.23	165	2693	1.85	ng/ul#	53
70) Phenanthrene	17.56	178	14266	1.12	ng/ul	95
77) Fluoranthene	19.56	202	90700	5.57	ng/ul	98
80) Pyrene	19.92	202	79523	4.41	ng/ul	98
83) Benzo(a)anthracene	21.77	228	64045	3.42	ng/ul	99
85) Chrysene	21.84	228	51757	2.94	ng/ul	94
88) Benzo(b)fluoranthene	24.05	252	73343	4.06	ng/ul	93
89) Benzo(k)fluoranthene	24.05	252	73343	4.21	ng/ul	93
91) Benzo(a)pyrene	24.94	252	54862	3.16	ng/ul	98
94) Benzo(g,h,i)perylene	30.09	276	27727	1.72	ng/ul	95

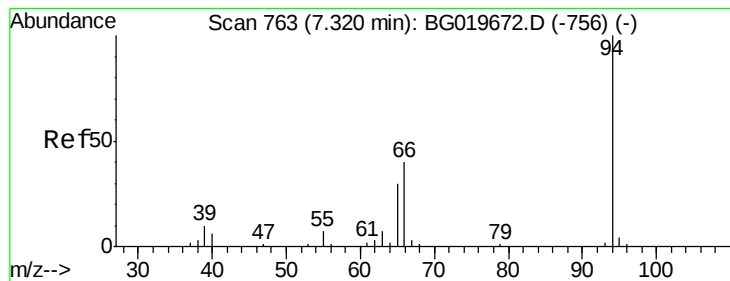
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration





#6

Phenol

Concen: 2.03 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

Instrument :

BNA_G

ClientSampleId :

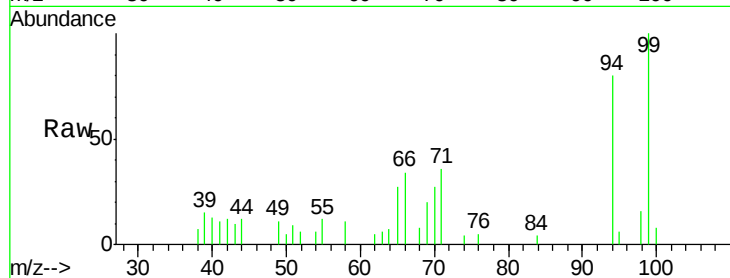
Tot Ion: 94 Resp: 4802

Ion Ratio Lower Upper

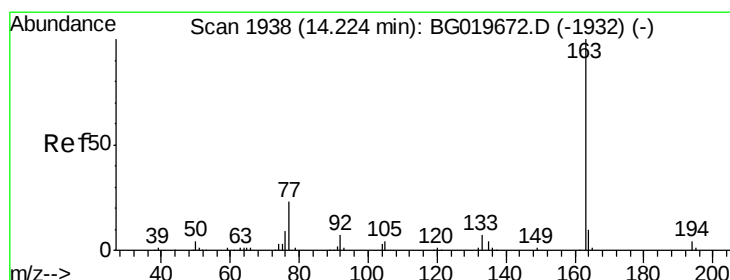
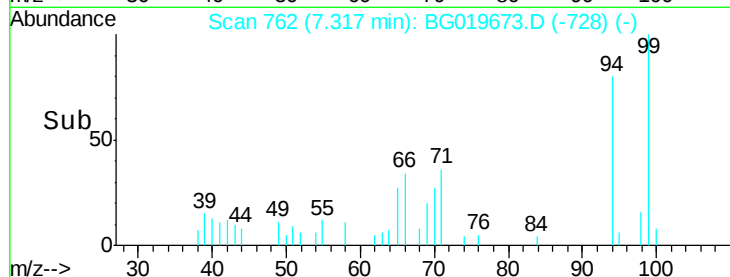
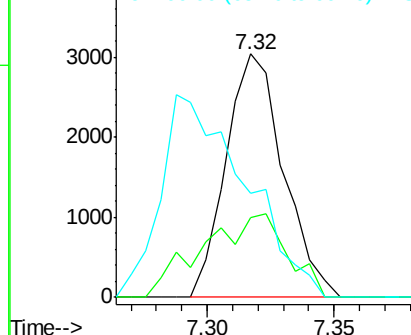
94 100

65 32.9 27.4 41.0

66 42.8 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: 31.28 ng/ul

RT: 14.23 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

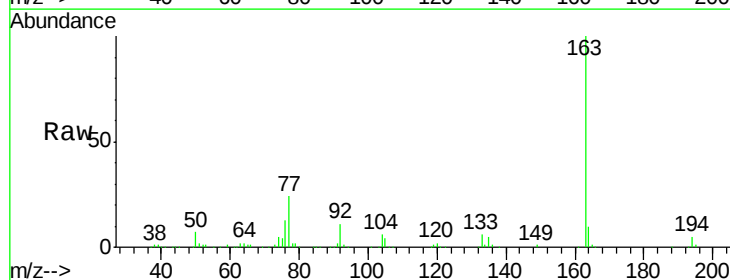
Tgt Ion:163 Resp: 227726

Ion Ratio Lower Upper

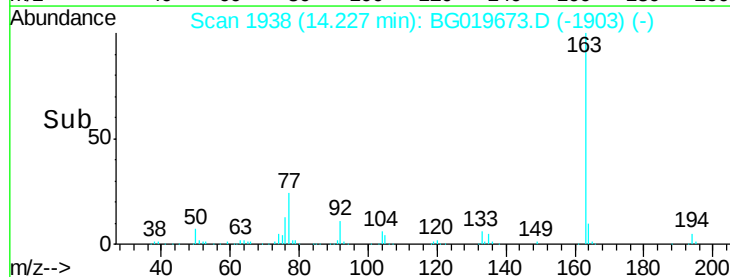
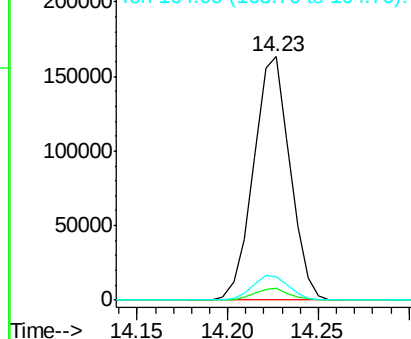
163 100

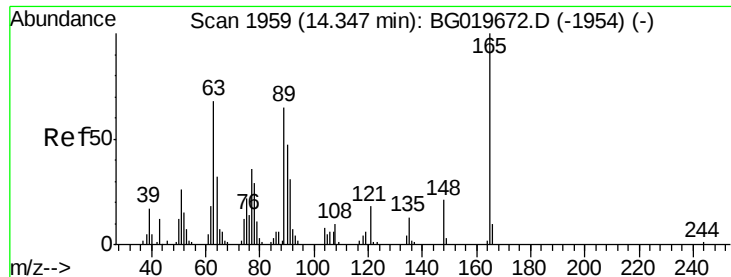
194 4.9 3.5 5.3

164 9.7 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

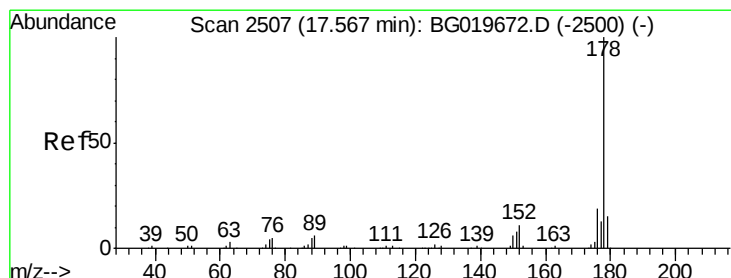
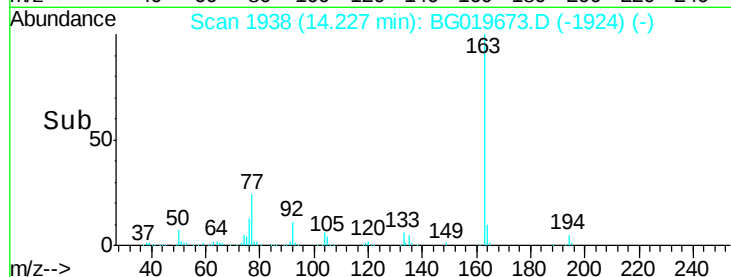
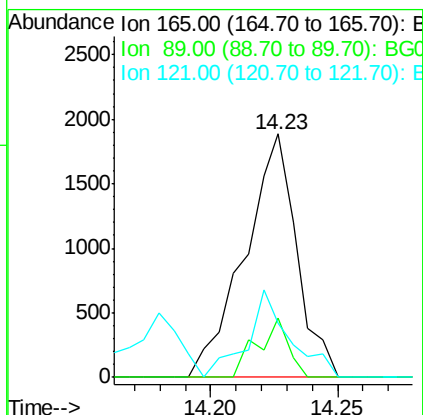
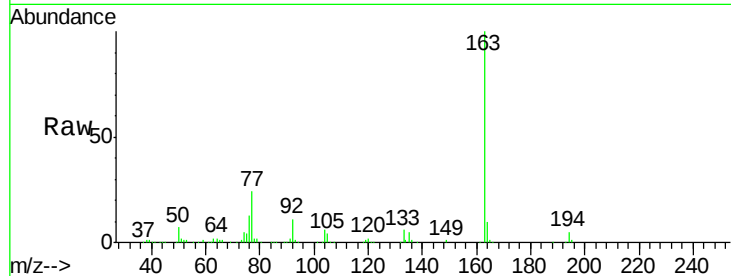




#46
 2,6-Dinitrotoluene
 Concen: 1.85 ng/ul
 RT: 14.23 min Scan# 1938
 Delta R.T. -0.12 min
 Lab File: BG019673.D
 Acq: 17 Nov 2015 23:34

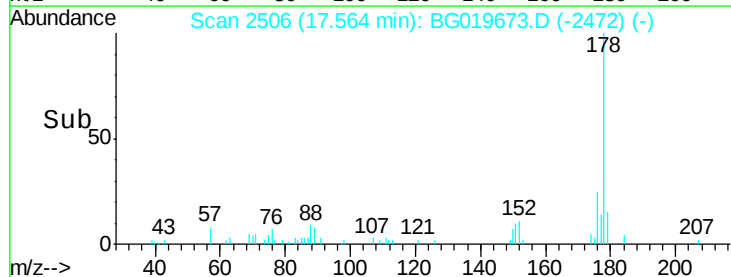
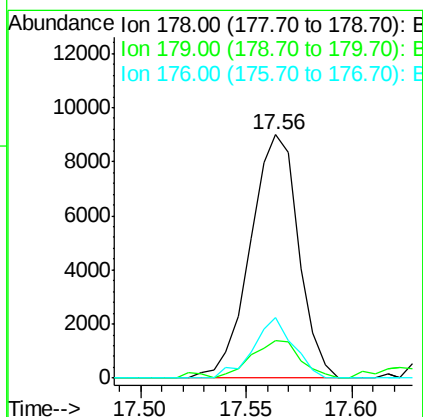
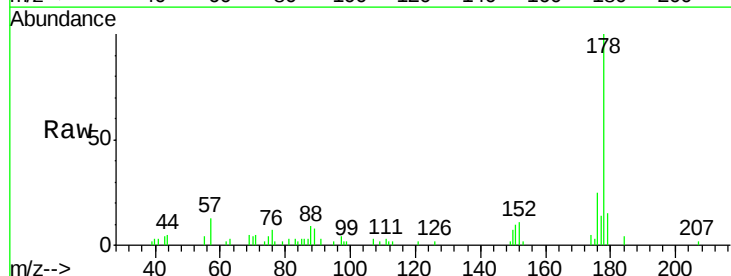
Instrument :
 BNA_G
 ClientSampled :

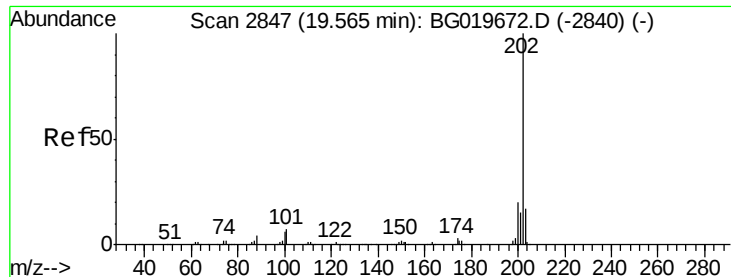
Tot Ion:165 Resp: 2693
 Ion Ratio Lower Upper
 165 100
 89 24.3 61.1 91.7#
 121 22.5 17.8 26.8



#70
 Phenanthrene
 Concen: 1.12 ng/ul
 RT: 17.56 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG019673.D
 Acq: 17 Nov 2015 23:34

Tgt Ion:178 Resp: 14266
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.2
 176 24.7 16.6 24.8





#77

Fluoranthene

Concen: 5.57 ng/ul

RT: 19.56 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

Instrument :

BNA_G

ClientSampleId :

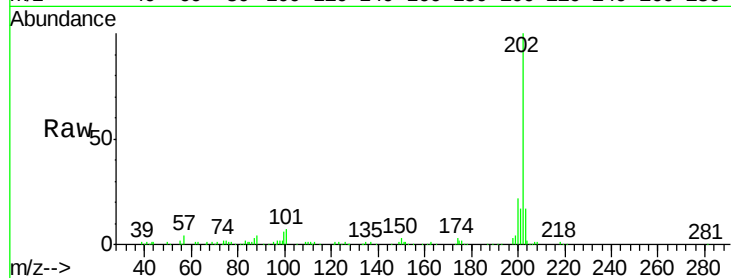
Tot Ion:202 Resp: 90700

Ion Ratio Lower Upper

202 100

101 7.4 5.2 7.8

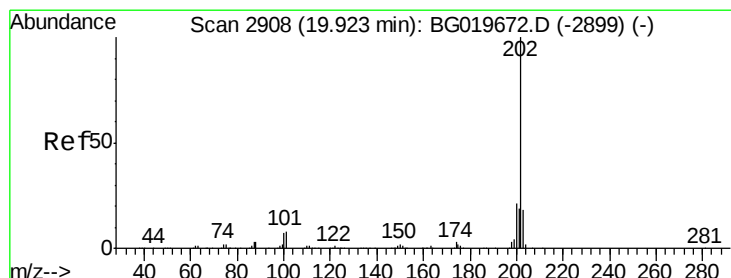
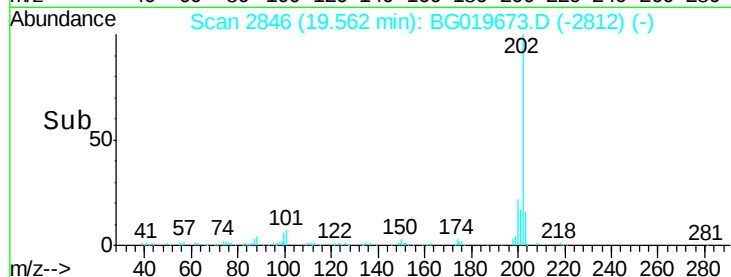
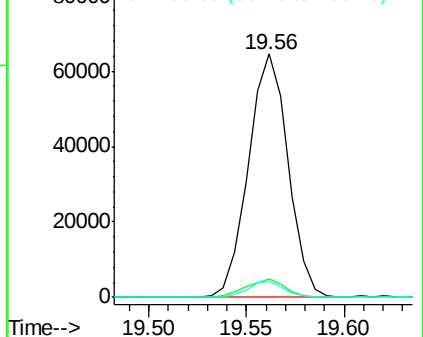
100 6.4 5.0 7.4



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: 4.41 ng/ul

RT: 19.92 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG019673.D

Acq: 17 Nov 2015 23:34

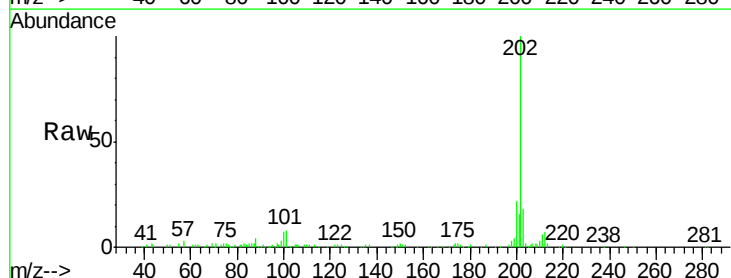
Tgt Ion:202 Resp: 79523

Ion Ratio Lower Upper

202 100

101 8.0 7.0 10.6

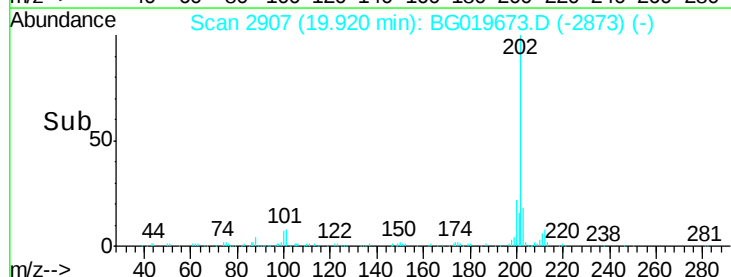
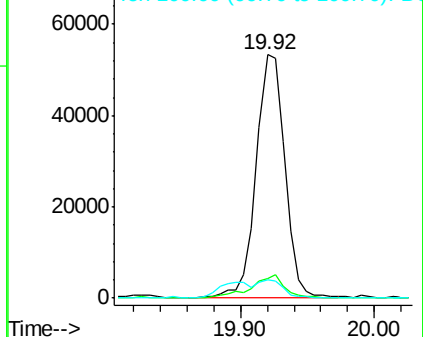
100 7.3 6.6 10.0

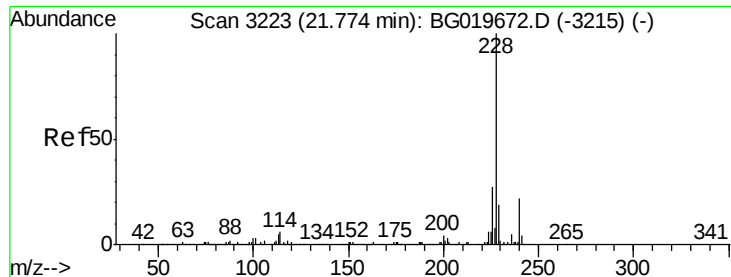


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

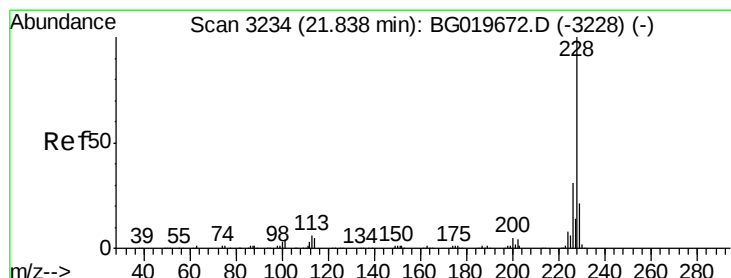
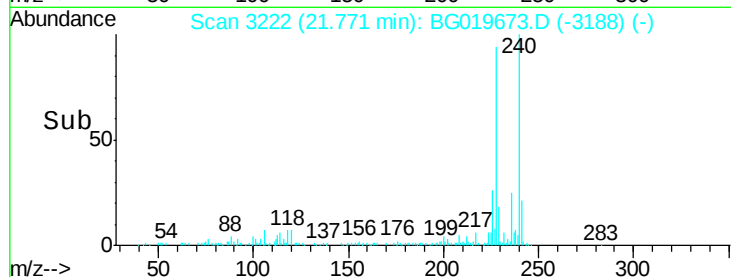
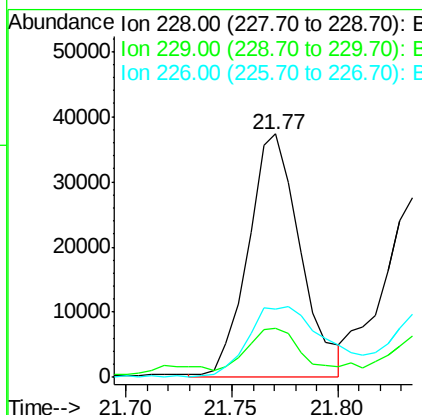
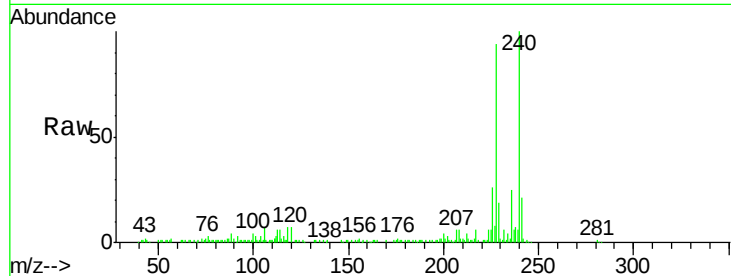




#83
Benzo(a)anthracene
Concen: 3.42 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

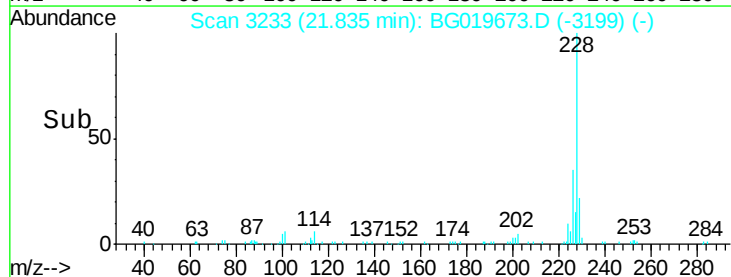
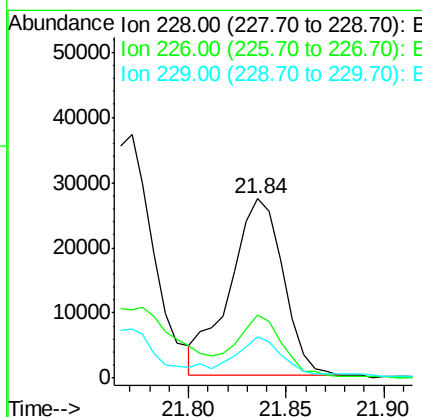
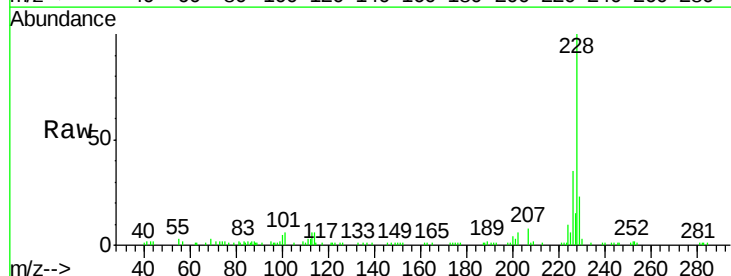
Instrument :
BNA_G
ClientSampleId :

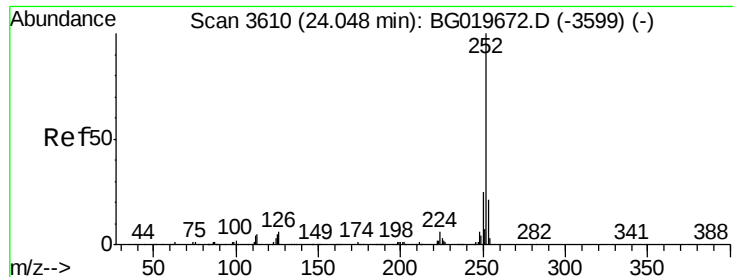
Tot Ion:228 Resp: 64045
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.9 22.6 33.8



#85
Chrysene
Concen: 2.94 ng/ul
RT: 21.84 min Scan# 3233
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion:228 Resp: 51757
Ion Ratio Lower Upper
228 100
226 35.4 24.9 37.3
229 23.3 17.0 25.6

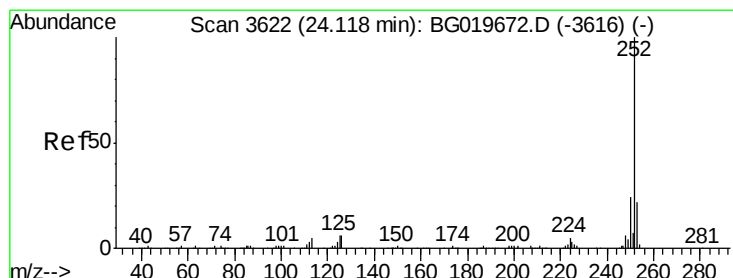
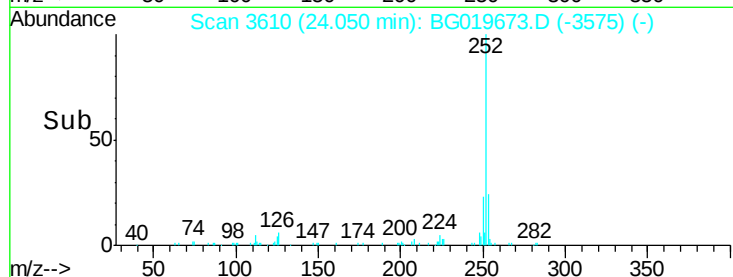
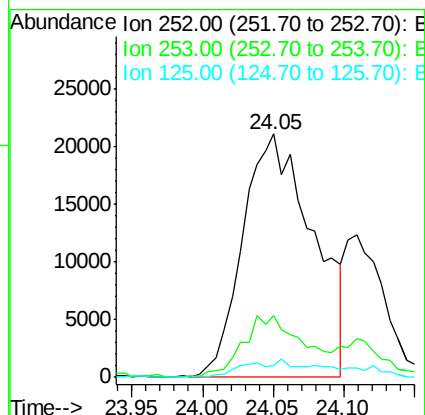
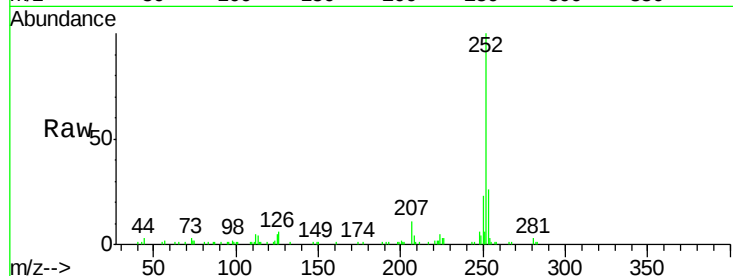




#88
Benzo(b)fluoranthene
Concen: 4.06 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. 0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

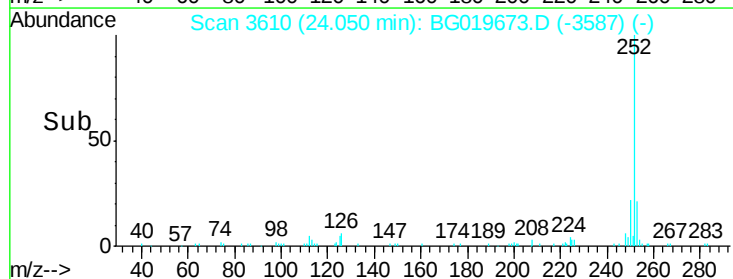
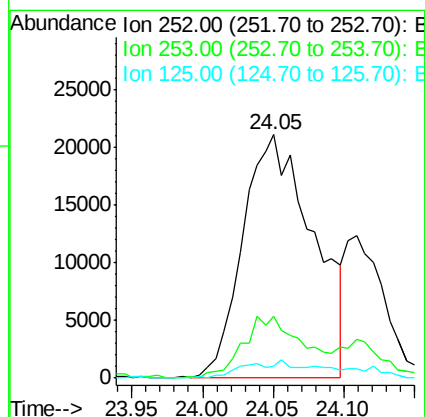
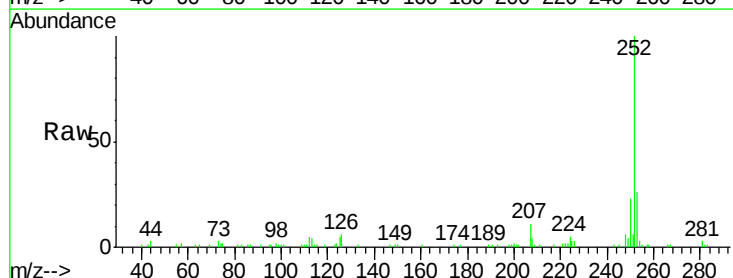
Instrument :
BNA_G
ClientSampleId :

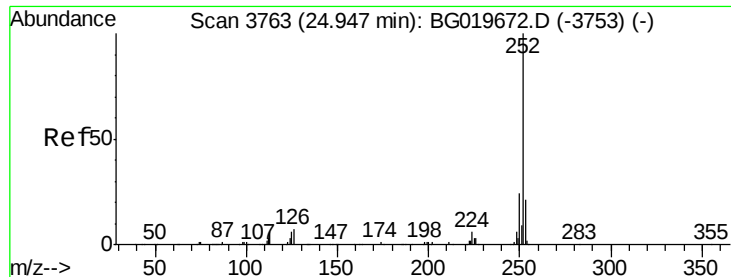
Tot Ion:252 Resp: 73343
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7
125 5.0 4.2 6.4



#89
Benzo(k)fluoranthene
Concen: 4.21 ng/ul
RT: 24.05 min Scan# 3610
Delta R.T. -0.07 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion:252 Resp: 73343
Ion Ratio Lower Upper
252 100
253 25.7 17.1 25.7
125 5.0 4.4 6.6

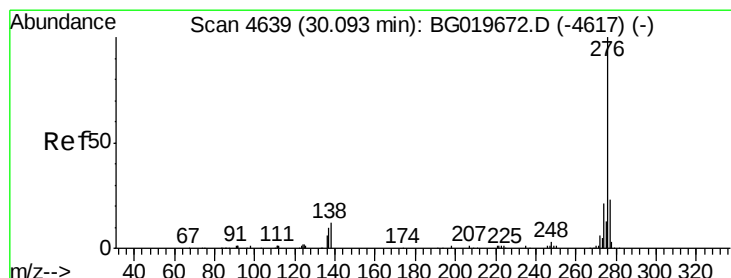
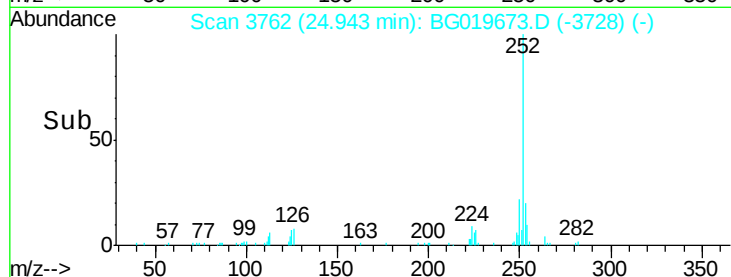
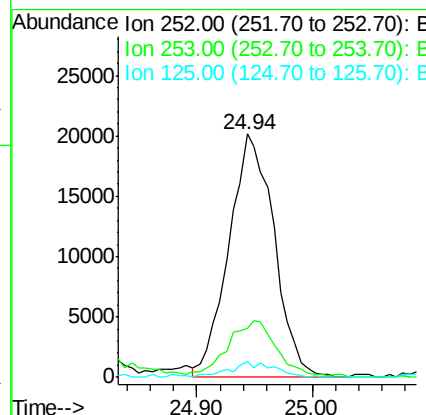
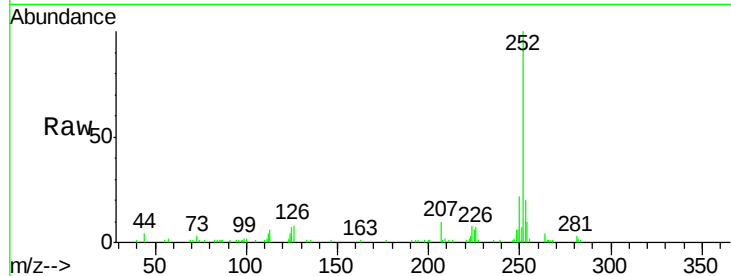




#91
Benzo(a)pyrene
Concen: 3.16 ng/ul
RT: 24.94 min Scan# 3762
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 54862
Ion Ratio Lower Upper
252 100
253 19.9 16.9 25.3
125 6.6 5.4 8.0



#94
Benzo(g,h,i)perylene
Concen: 1.72 ng/ul
RT: 30.09 min Scan# 4638
Delta R.T. -0.00 min
Lab File: BG019673.D
Acq: 17 Nov 2015 23:34

Tgt Ion:276 Resp: 27727
Ion Ratio Lower Upper
276 100
138 11.1 9.2 13.8
277 19.9 18.6 28.0

