

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019669.D
 Acq On : 17 Nov 2015 21:01
 Operator : UM/NP
 Sample : G4427-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 01:24:14 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 01:19:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	85223	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	78442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	231606	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	297506	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	286099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2589	5.95	ng/uL	0.00
5) Phenol-d5	7.29	99	56746	29.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	37592	30.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	33356	27.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	47684	30.25	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	18030	25.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	21139	26.84	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.59	165	43714	25.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	50820	31.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	185607	26.16	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	170245	22.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	29907	26.76	ng/ul	0.00
58) Fluorene-d10	15.77	176	138895	21.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	32318	21.60	ng/ul	0.00
71) Anthracene-d10	17.62	188	249171	22.16	ng/ul	0.00
79) Pyrene-d10	19.89	212	299142	22.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	312473	20.92	ng/ul	0.00

Target Compounds

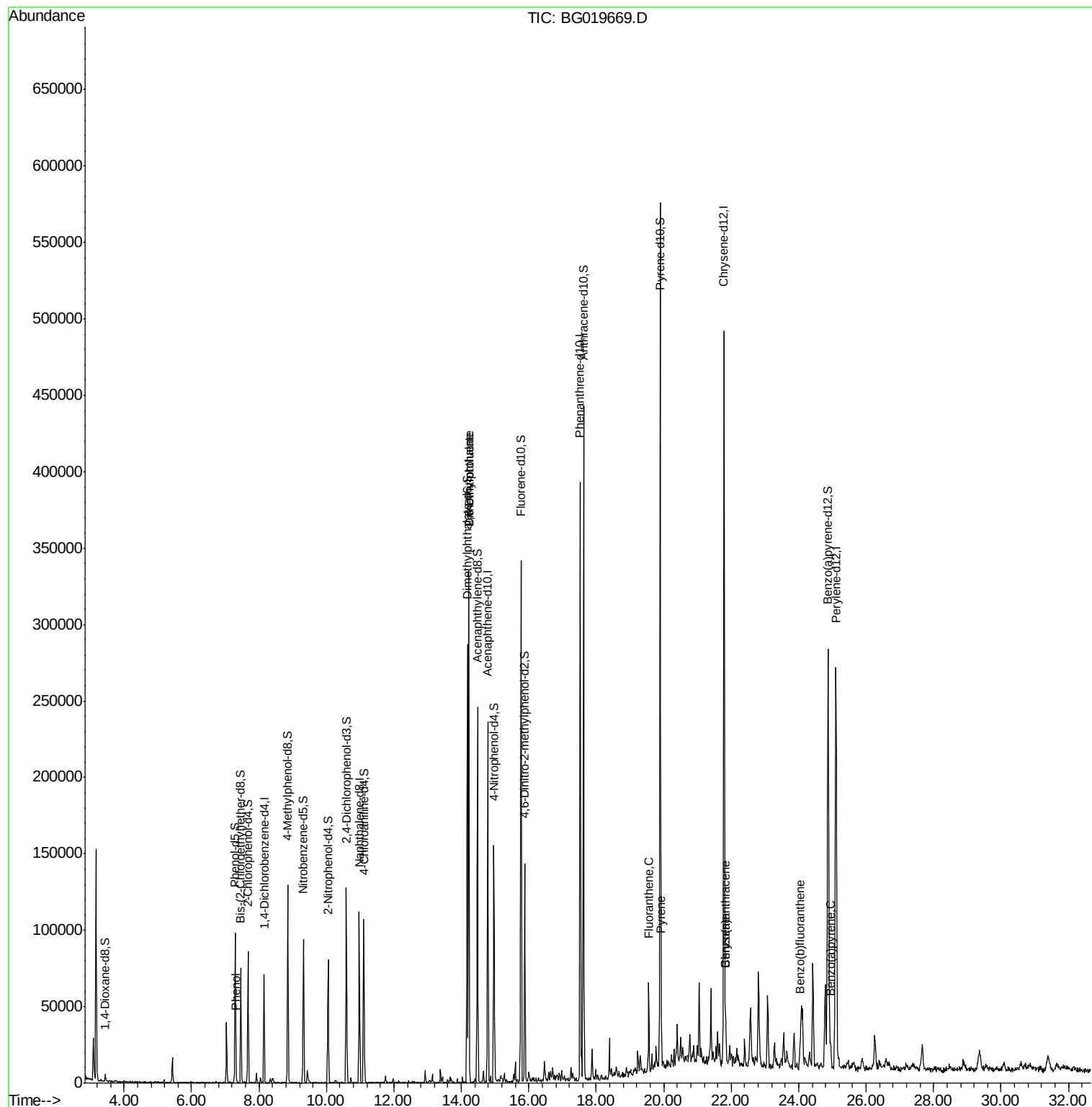
						Ovalue
6) Phenol	7.32	94	4157	2.02	ng/ul#	84
45) Dimethylphthalate	14.22	163	203176	28.88	ng/ul	98
46) 2,6-Dinitrotoluene	14.22	165	2099	1.49	ng/ul#	42
77) Fluoranthene	19.56	202	33372	2.11	ng/ul	98
80) Pyrene	19.92	202	30125	1.73	ng/ul#	95
83) Benzo(a)anthracene	21.83	228	21958	1.22	ng/ul	98
85) Chrysene	21.83	228	21958	1.29	ng/ul	97
88) Benzo(b)fluoranthene	24.04	252	23845	1.35	ng/ul	95
91) Benzo(a)pyrene	24.95	252	19067	1.12	ng/ul#	98

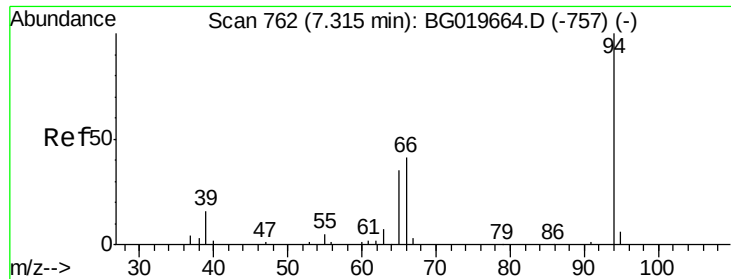
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.02 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.01 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

Instrument :

BNA_G

ClientSampleId :

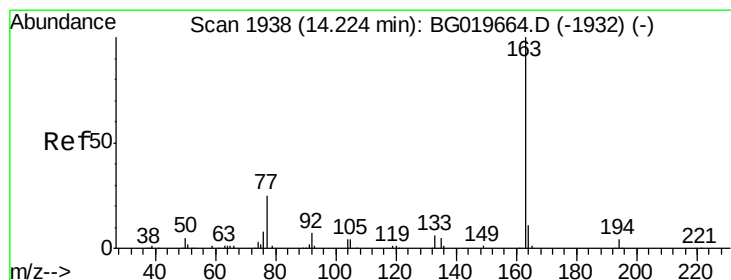
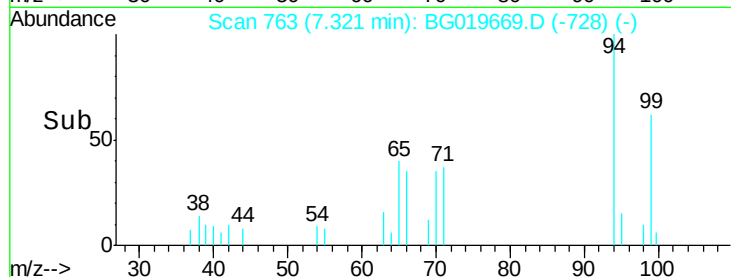
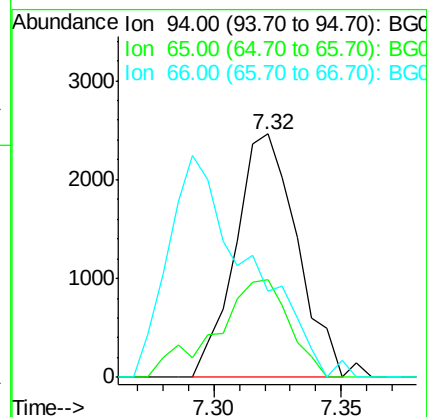
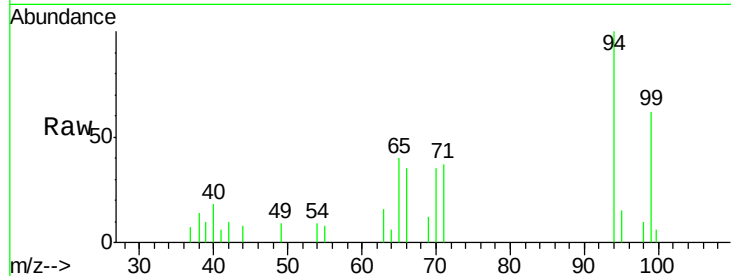
Tot Ion: 94 Resp: 4157

Ion Ratio Lower Upper

94 100

65 40.1 27.4 41.0

66 35.4 39.0 58.6#



#45

Dimethylphthalate

Concen: 28.88 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

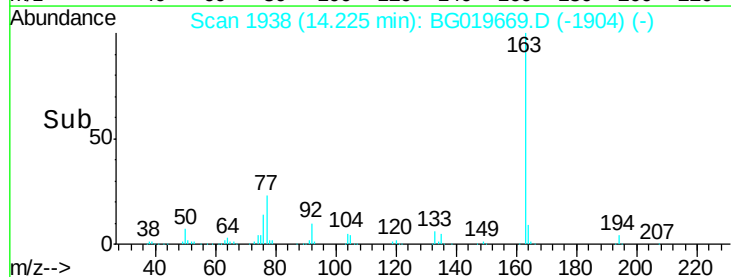
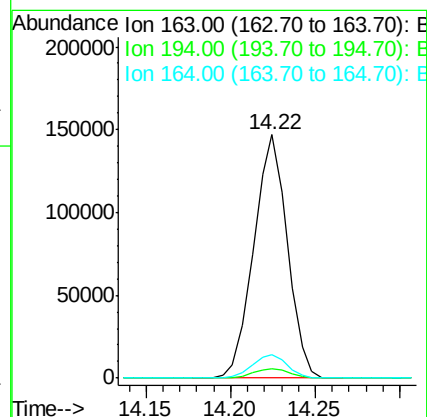
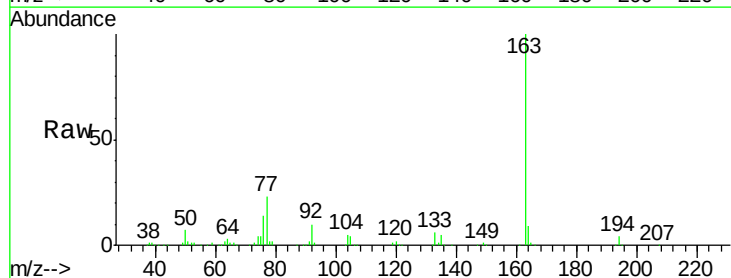
Tgt Ion: 163 Resp: 203176

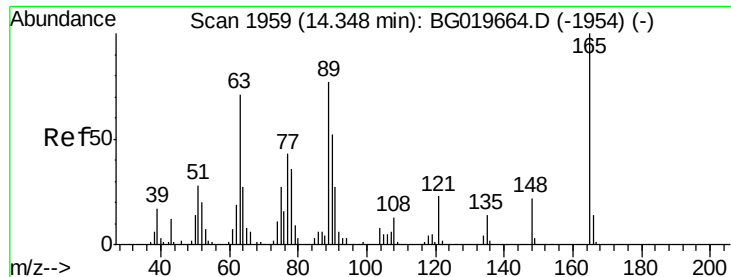
Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 9.5 8.3 12.5





#46

2,6-Dinitrotoluene

Concen: 1.49 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.13 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

Instrument :

BNA_G

ClientSampleId :

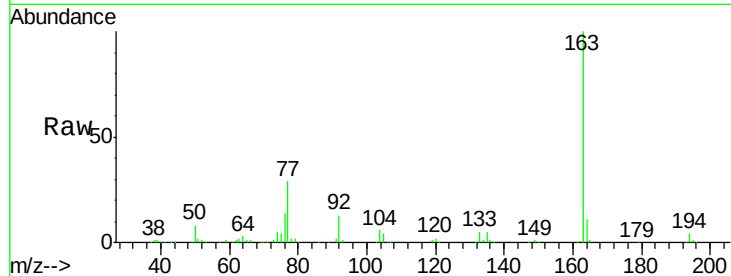
Tot Ion:165 Resp: 2099

Ion Ratio Lower Upper

165 100

89 16.6 61.1 91.7#

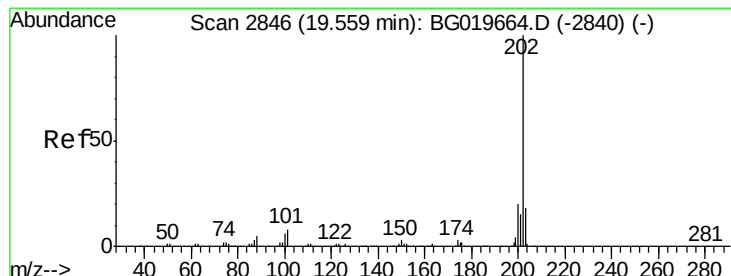
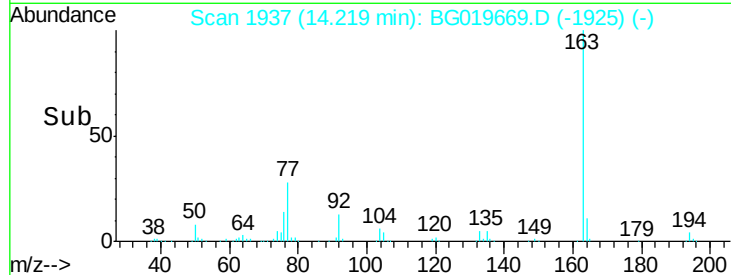
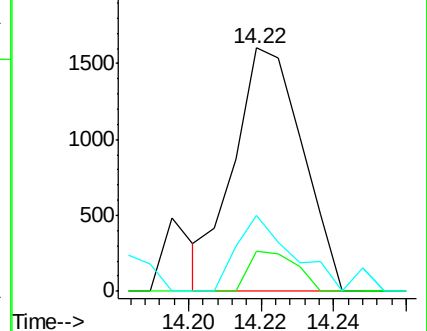
121 31.4 17.8 26.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E



#77

Fluoranthene

Concen: 2.11 ng/ul

RT: 19.56 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BG019669.D

Acq: 17 Nov 2015 21:01

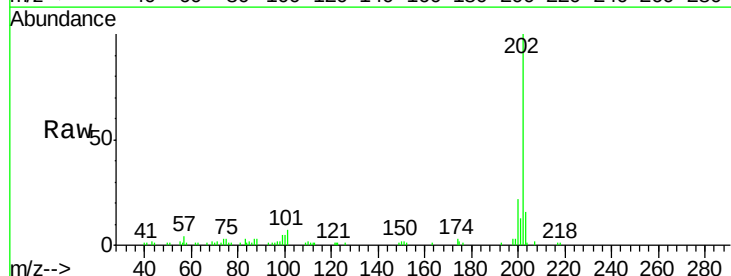
Tgt Ion:202 Resp: 33372

Ion Ratio Lower Upper

202 100

101 7.0 5.2 7.8

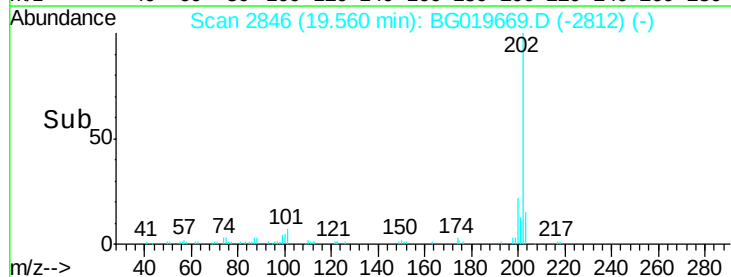
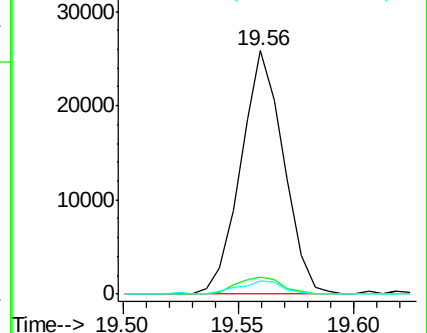
100 5.5 5.0 7.4

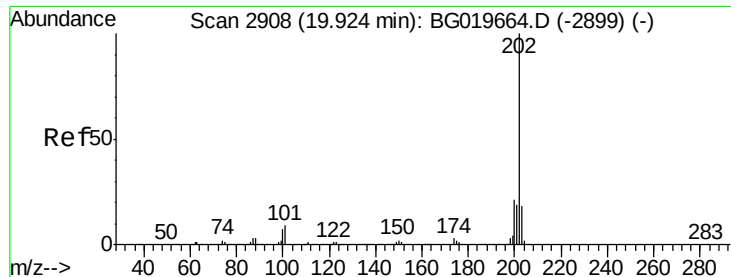


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BG

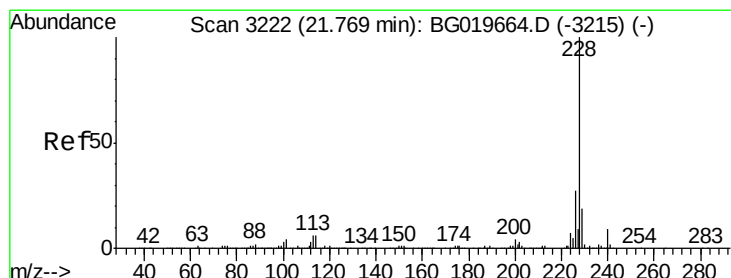
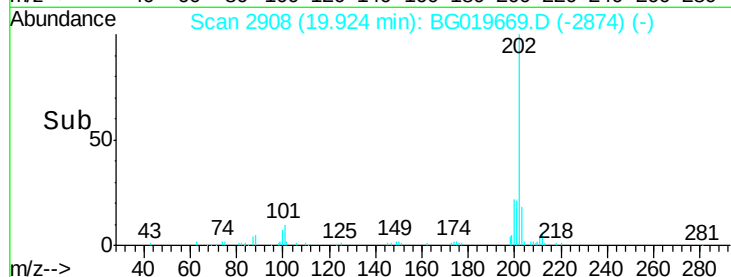
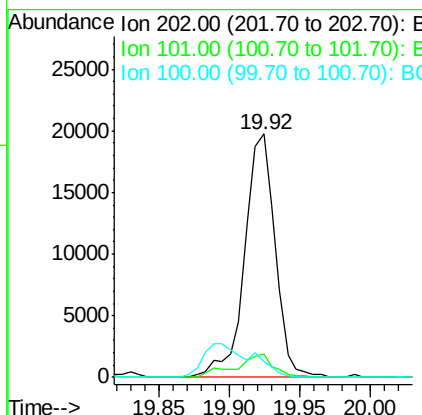
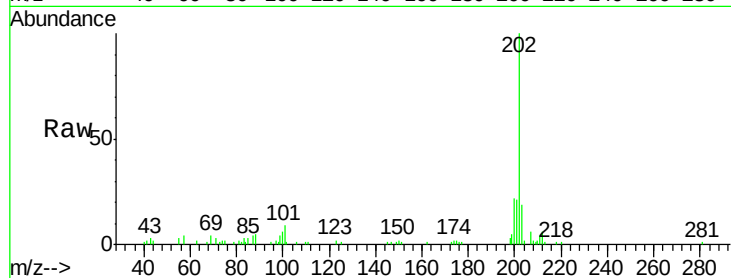




#80
Pvrene
Concen: 1.73 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

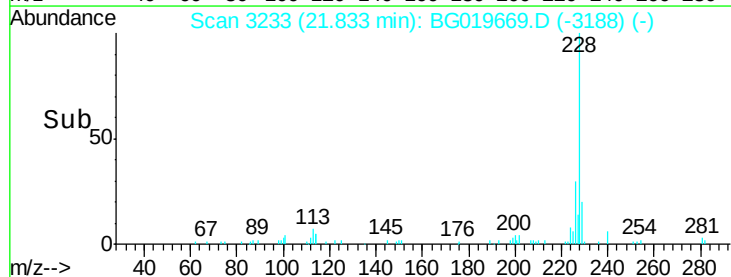
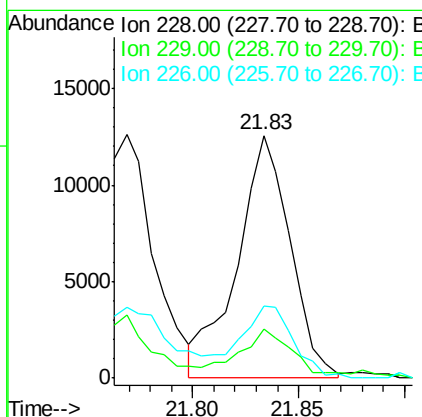
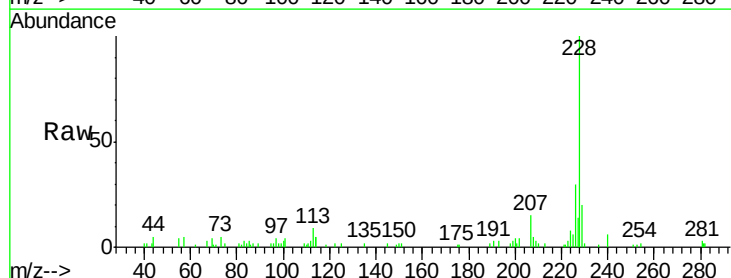
Instrument :
BNA_G
ClientSampled :

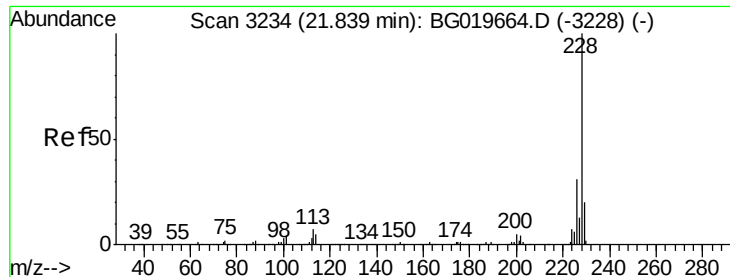
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.0	10.6#
100	6.5	6.6	10.0#



#83
Benzo(a)anthracene
Concen: 1.22 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. 0.06 min
Lab File: BG019669.D
Acq: 17 Nov 2015 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	29.6	22.6	33.8

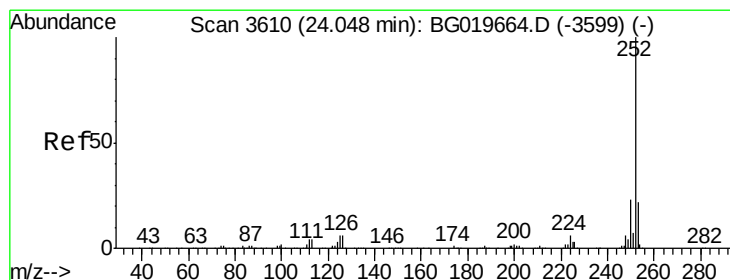
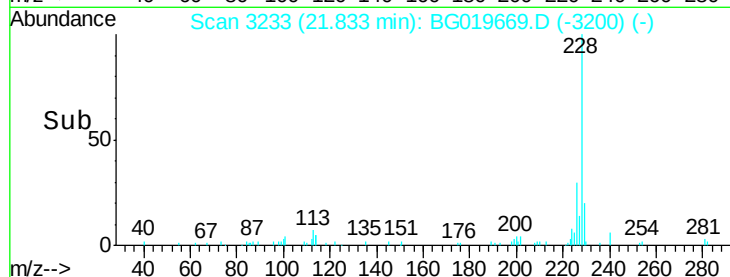
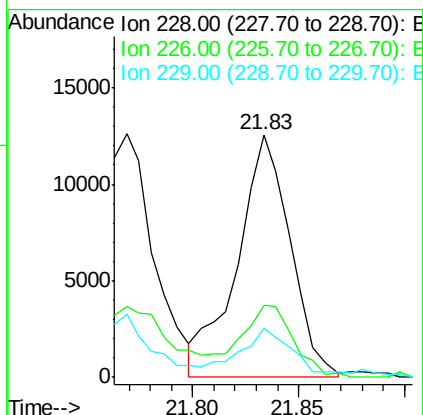
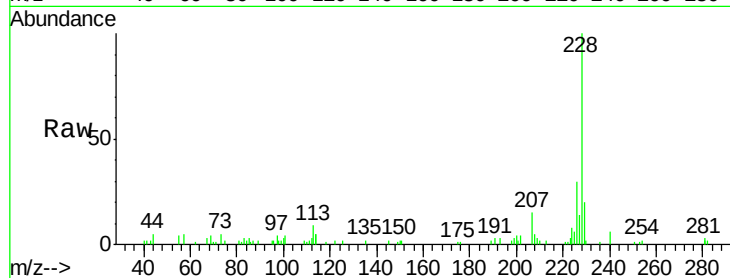




#85
 Chrysene
 Concen: 1.29 ng/ul
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG019669.D
 Acq: 17 Nov 2015 21:01

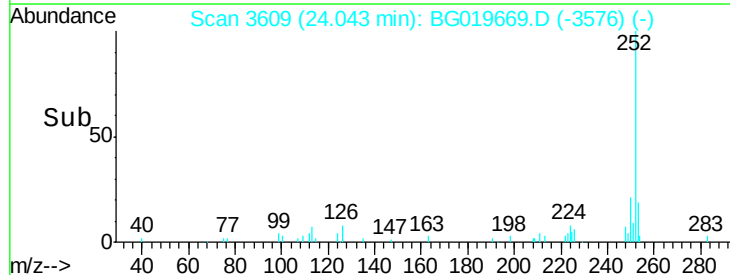
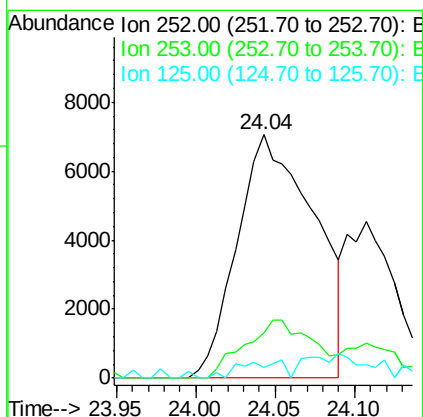
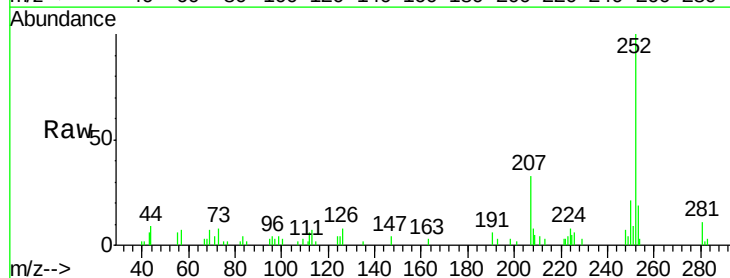
Instrument :
 BNA_G
 ClientSampleId :

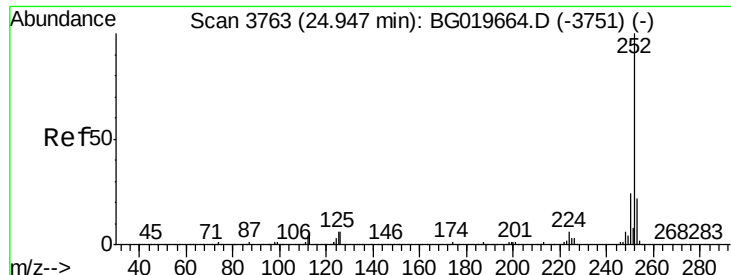
Tot Ion:228 Resp: 21958
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 20.3 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 1.35 ng/ul
 RT: 24.04 min Scan# 3609
 Delta R.T. -0.01 min
 Lab File: BG019669.D
 Acq: 17 Nov 2015 21:01

Tgt Ion:252 Resp: 23845
 Ion Ratio Lower Upper
 252 100
 253 18.8 17.1 25.7
 125 4.3 4.2 6.4

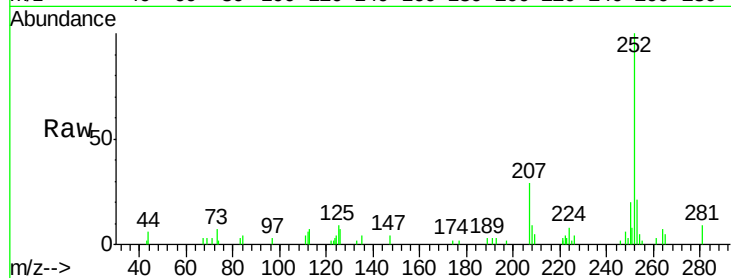




#91
 Benzo(a)pyrene
 Concen: 1.12 ng/ul
 RT: 24.95 min Scan# 3763
 Delta R.T. 0.00 min
 Lab File: BG019669.D
 Acq: 17 Nov 2015 21:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	16.9	25.3
125	8.8	5.4	8.0



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

