

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
 Data File : BG020824.D
 Acq On : 9 Feb 2016 19:24
 Operator : SJ/UM
 Sample : H1371-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04H6

Quant Time: Feb 10 00:40:28 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 00:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24455	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	125598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	69852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	129233	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	111837	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	107895	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1285	2.55	ng/uL	0.00
5) Phenol-d5	7.41	99	36092	14.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	19948	15.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	30269	15.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	30188	14.02	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15966	15.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16366	16.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	30571	15.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	41451	16.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	95257	15.85	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	124290	16.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	13739	11.42	ng/ul	0.00
58) Fluorene-d10	15.87	176	82675	16.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	6926	11.06	ng/ul	0.00
71) Anthracene-d10	17.72	188	112240	17.58	ng/ul	0.00
79) Pyrene-d10	19.99	212	104489	18.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	103277	17.27	ng/ul	0.00

Target Compounds

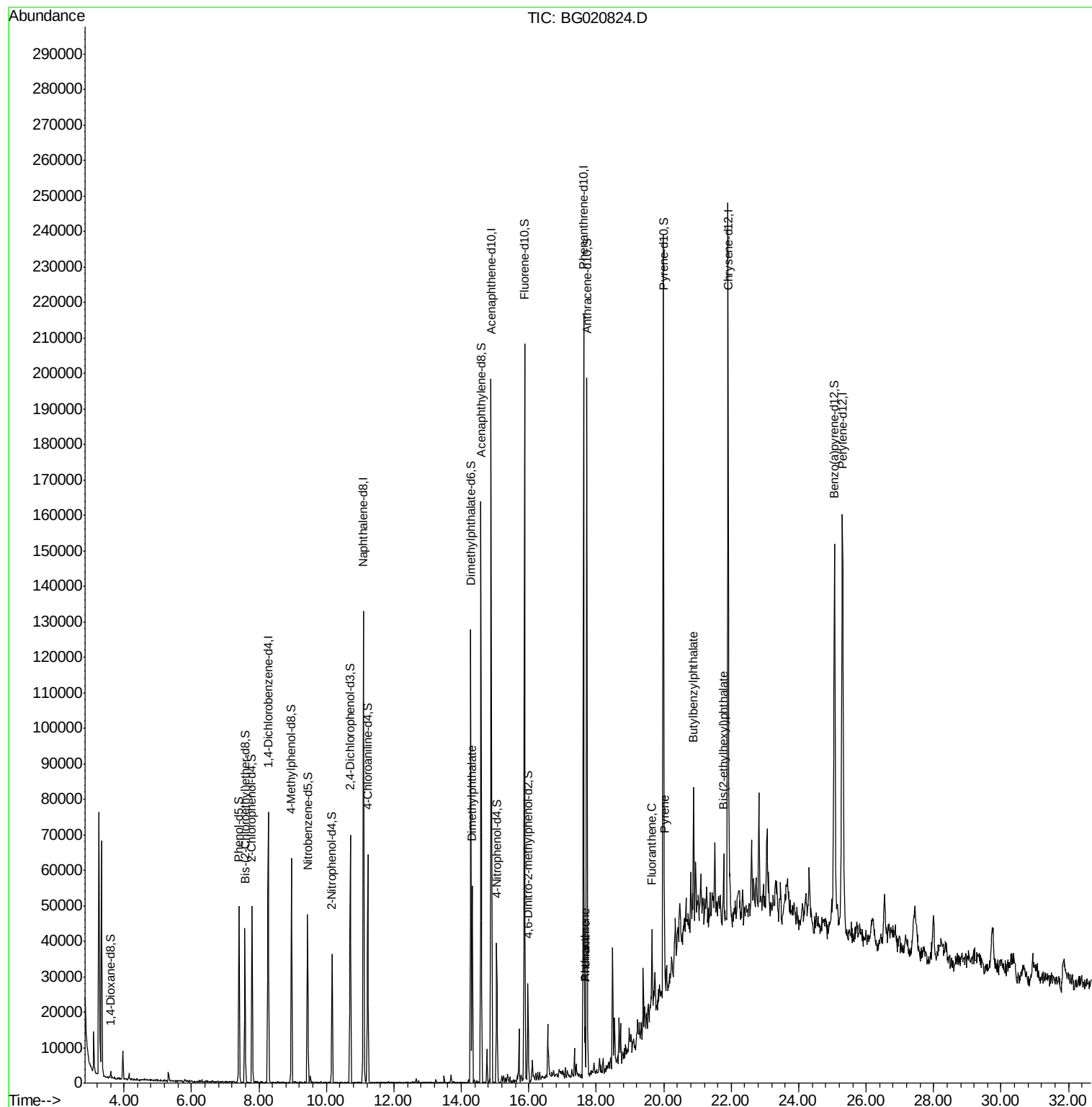
						Qvalue
45) Dimethylphthalate	14.33	163	39780	6.36	ng/ul	99
70) Phenanthrene	17.67	178	9252	1.14	ng/ul	95
72) Anthracene	17.67	178	9252	1.13	ng/ul	96
77) Fluoranthene	19.65	202	9700	1.15	ng/ul	96
80) Pyrene	20.02	202	14981	1.85	ng/ul	99
81) Butylbenzylphthalate	20.89	149	8999	2.40	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	7746	1.36	ng/ul#	95

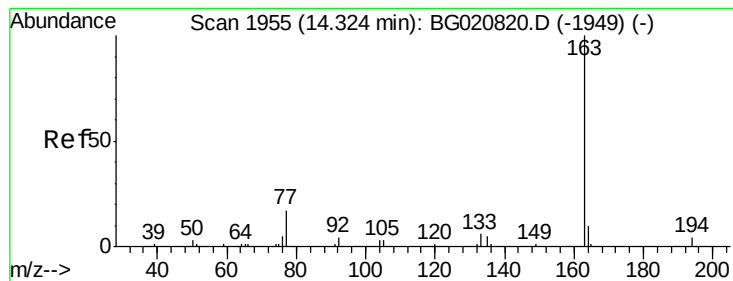
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.36 ng/ul

RT: 14.33 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG020824.D

Acq: 9 Feb 2016 19:24

Instrument :

BNA_G

ClientSampleId :

C04H6

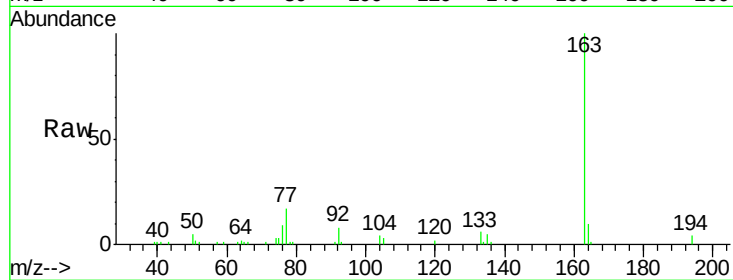
Tgt Ion:163 Resp: 39780

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

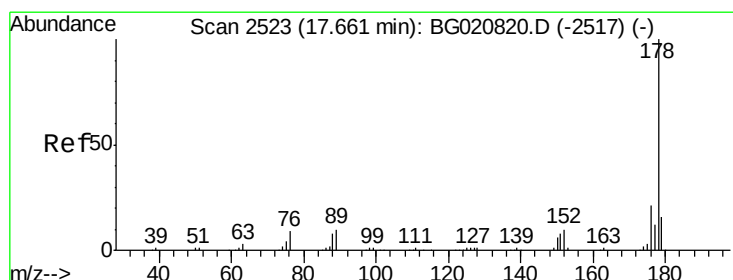
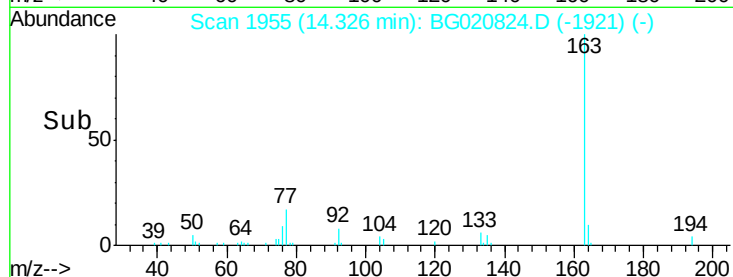
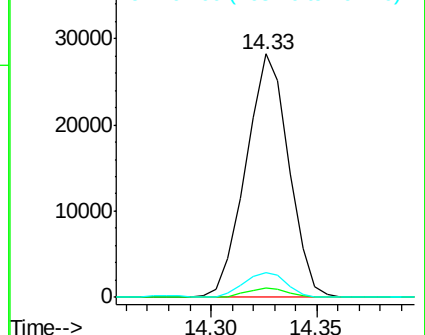
164 10.2 7.7 11.5



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



#70

Phenanthrene

Concen: 1.14 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BG020824.D

Acq: 9 Feb 2016 19:24

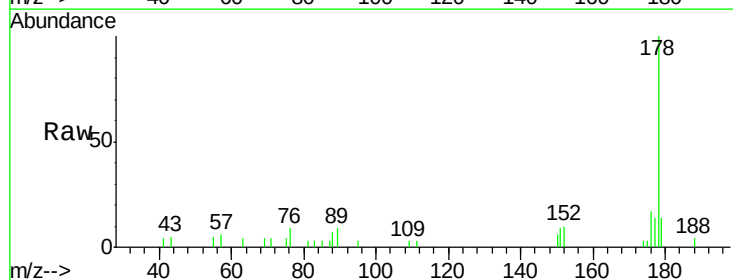
Tgt Ion:178 Resp: 9252

Ion Ratio Lower Upper

178 100

179 14.3 12.6 19.0

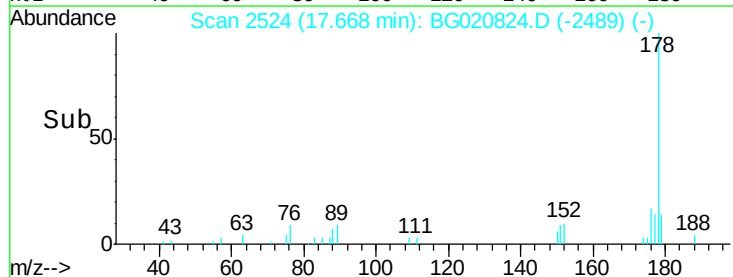
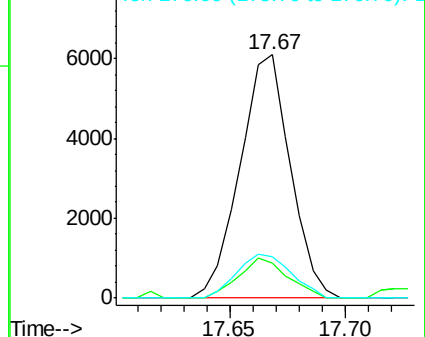
176 16.9 16.0 24.0

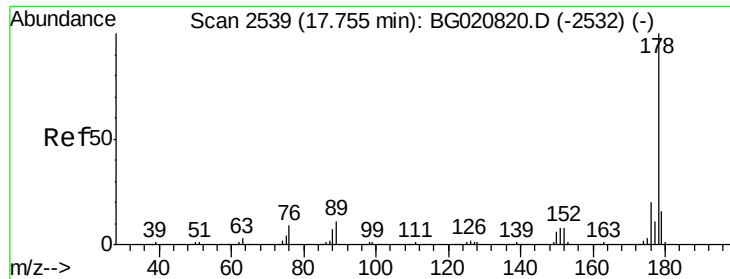


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.13 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. -0.09 min

Lab File: BG020824.D

Acq: 9 Feb 2016 19:24

Instrument :

BNA_G

ClientSampleId :

C04H6

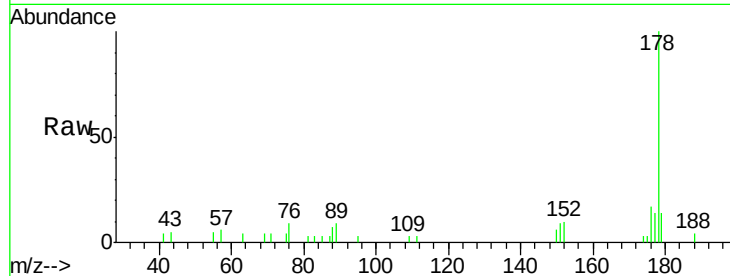
Tgt Ion:178 Resp: 9252

Ion Ratio Lower Upper

178 100

179 14.3 12.1 18.1

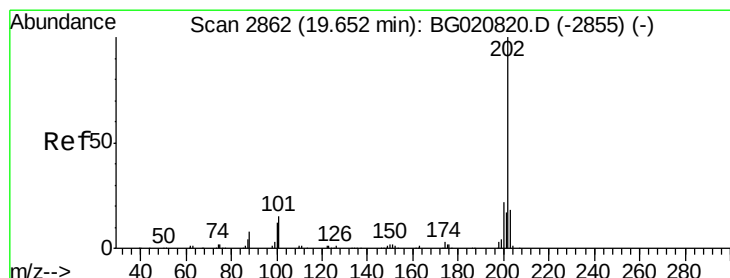
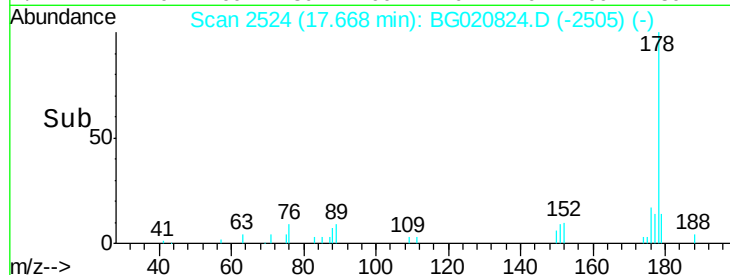
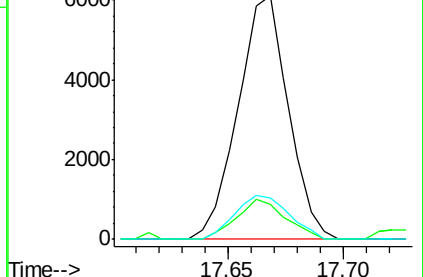
176 16.9 15.5 23.3



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: 1.15 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG020824.D

Acq: 9 Feb 2016 19:24

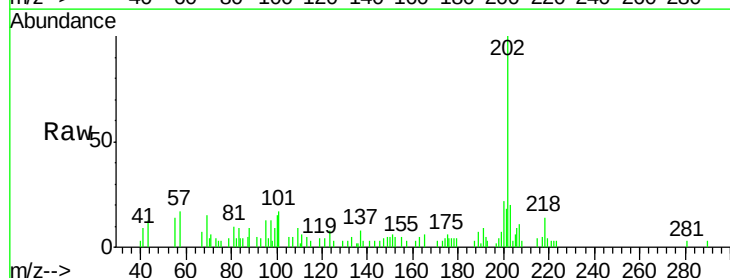
Tgt Ion:202 Resp: 9700

Ion Ratio Lower Upper

202 100

101 16.5 12.5 18.7

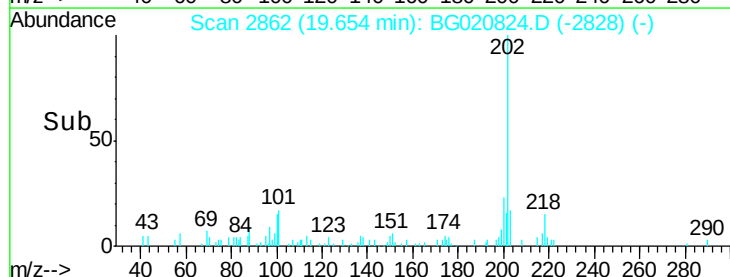
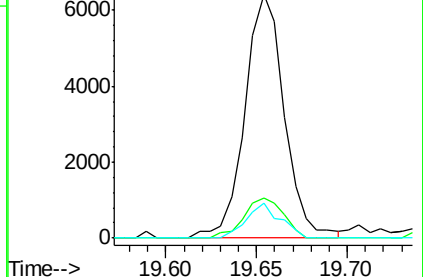
100 14.5 9.9 14.9

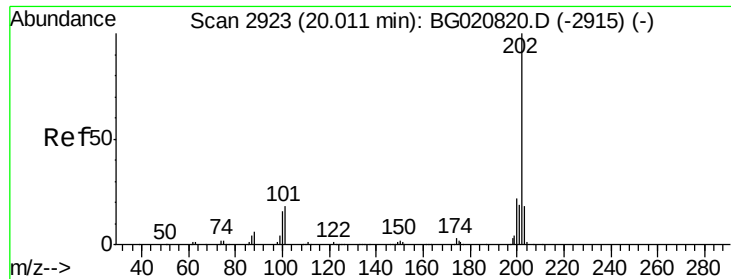


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

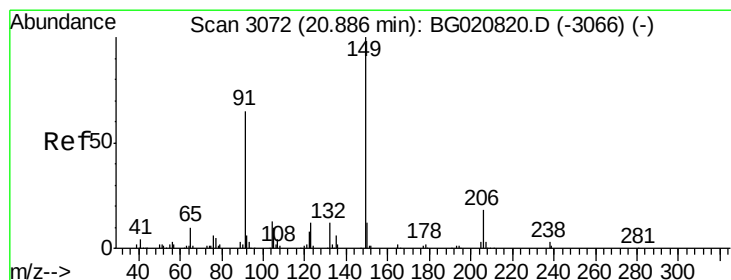
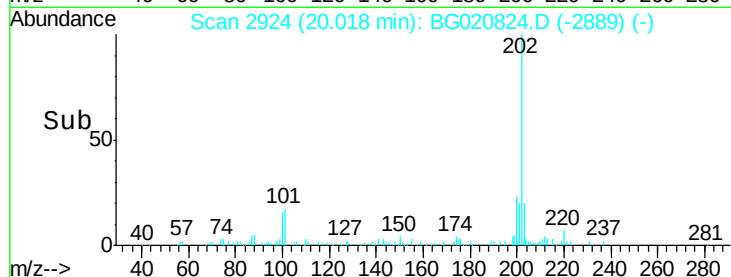
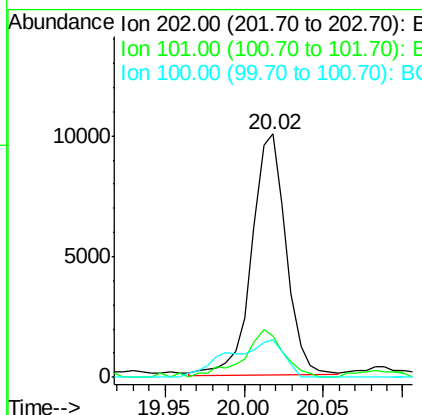
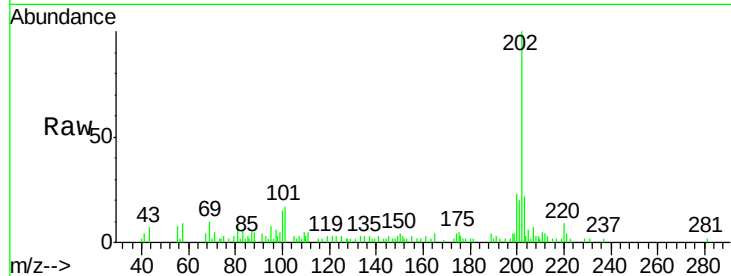




#80
Pyrene
Concen: 1.85 ng/ul
RT: 20.02 min Scan# 2924
Delta R.T. 0.01 min
Lab File: BG020824.D
Acq: 9 Feb 2016 19:24

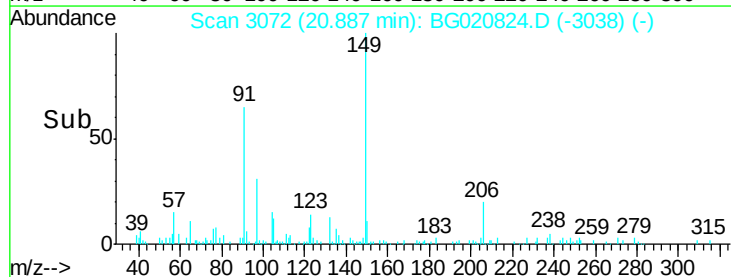
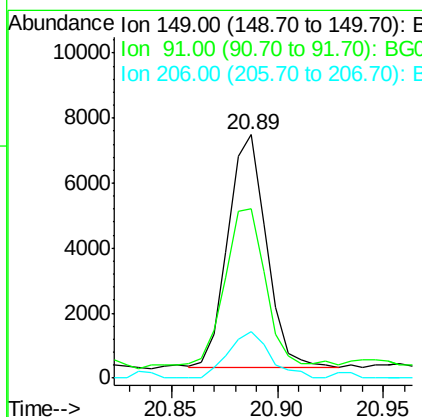
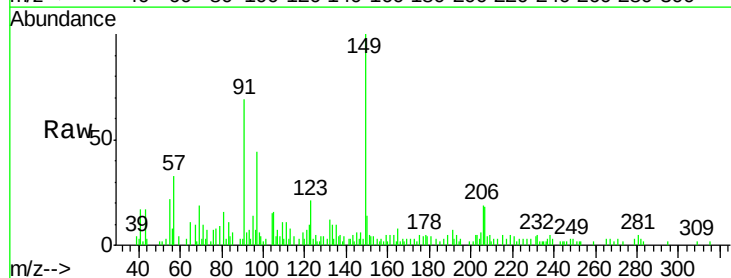
Instrument :
BNA_G
ClientSampled :
C04H6

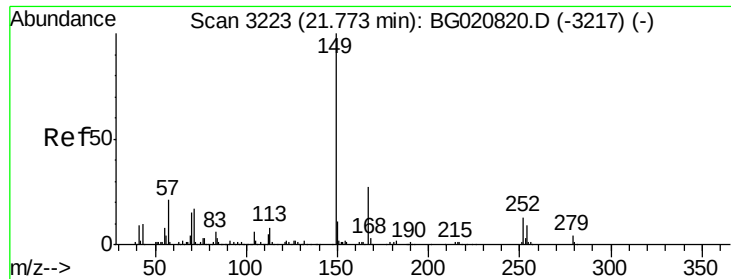
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.5	20.3
100	15.5	11.7	17.5



#81
Butylbenzylphthalate
Concen: 2.40 ng/ul
RT: 20.89 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG020824.D
Acq: 9 Feb 2016 19:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.3	82.9
206	19.2	14.4	21.6





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.36 ng/ul
 RT: 21.77 min Scan# 3223
 Delta R.T. 0.00 min
 Lab File: BG020824.D
 Acq: 9 Feb 2016 19:24

Instrument :
 BNA_G
 ClientSampleId :
 C04H6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.0	31.4
279	4.7	2.5	3.7#

