

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021825.D
 Acq On : 10 May 2016 20:42
 Operator : UM/SJ
 Sample : H2938-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XB3

Quant Time: May 11 03:32:56 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	80748	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	408700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	244676	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	494415	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	487070	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	475829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	7069	4.23	ng/uL	0.00
5) Phenol-d5	7.33	99	141152	23.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	73963	24.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	133938	28.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	70613	14.03	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	69673	25.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	68919	40.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	129613	27.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	100433	19.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	462209	26.89	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	619921	25.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	54867	18.63	ng/ul	0.00
58) Fluorene-d10	15.79	176	425558	23.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	46224	33.75	ng/ul	0.00
71) Anthracene-d10	17.64	188	566117	23.52	ng/ul	0.00
77) Pyrene-d10	19.92	212	612329	26.86	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	559075	24.73	ng/ul	0.01

Target Compounds

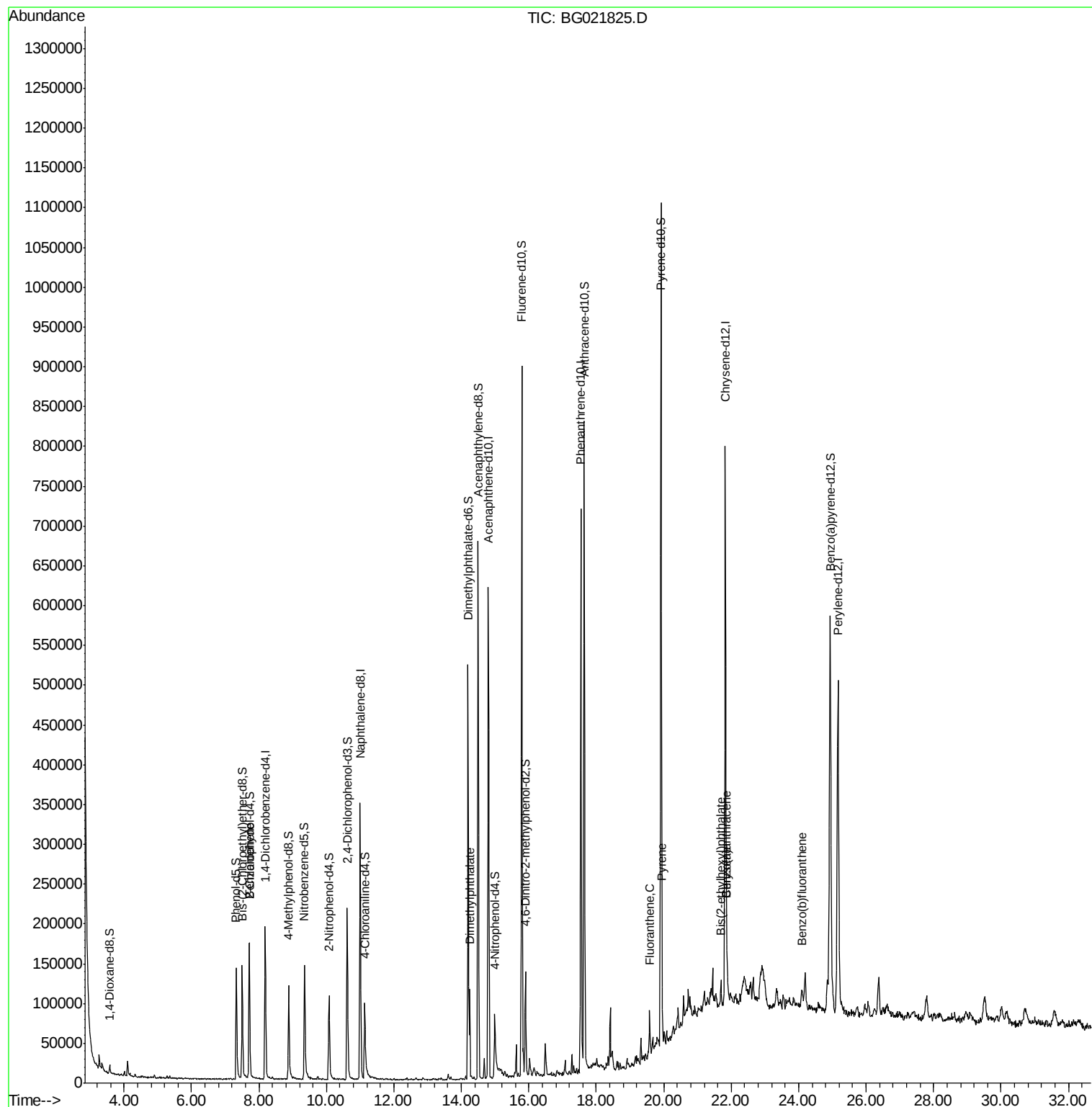
						Qvalue
4) Benzaldehyde	7.71	77	2132	3.27	ng/ul	88
45) Dimethylphthalate	14.25	163	93597	5.35	ng/ul	98
75) Fluoranthene	19.58	202	31690	1.03	ng/ul#	90
78) Pyrene	19.95	202	48841	1.73	ng/ul#	93
81) Benzo(a)anthracene	21.87	228	44804	1.65	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	16371	1.61	ng/ul#	88
83) Chrysene	21.87	228	44013	1.64	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	37479	1.38	ng/ul#	93

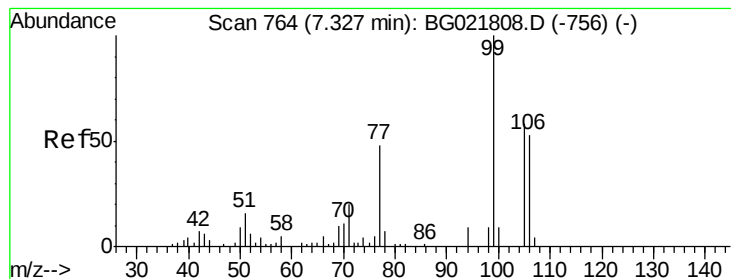
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
Data File : BG021825.D
Acq On : 10 May 2016 20:42
Operator : UM/SJ
Sample : H2938-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XB3

Quant Time: May 11 03:32:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 11 02:37:33 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.27 ng/ul

RT: 7.71 min Scan# 829

Delta R.T. 0.38 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D9XB3

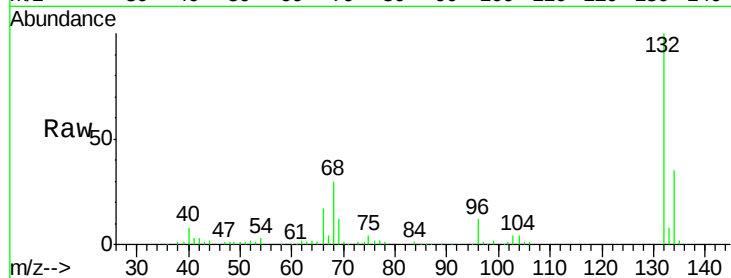
Tgt Ion: 77 Resp: 2132

Ion Ratio Lower Upper

77 100

105 75.2 68.5 102.7

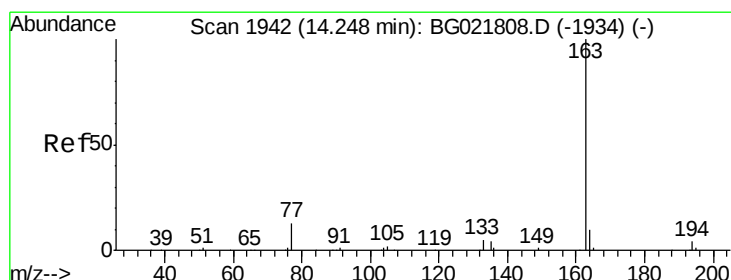
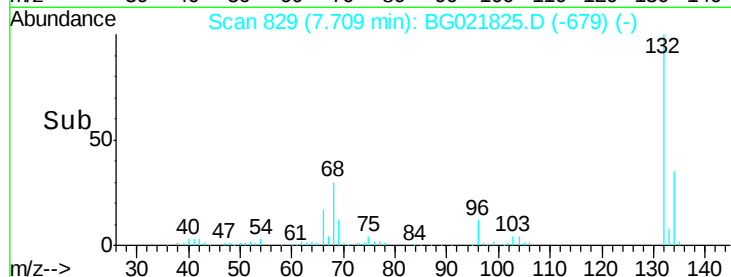
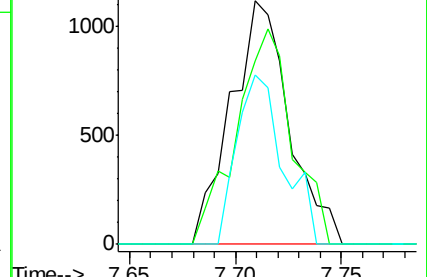
106 69.4 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#45

Dimethylphthalate

Concen: 5.35 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

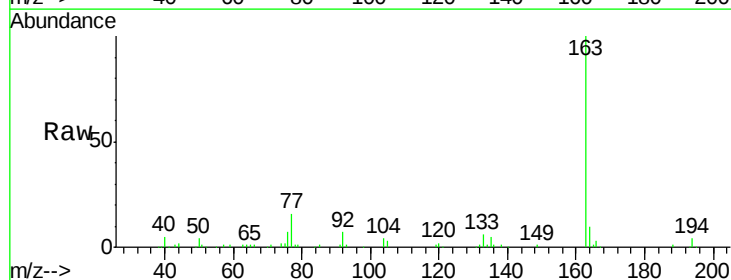
Tgt Ion: 163 Resp: 93597

Ion Ratio Lower Upper

163 100

194 4.2 3.9 5.9

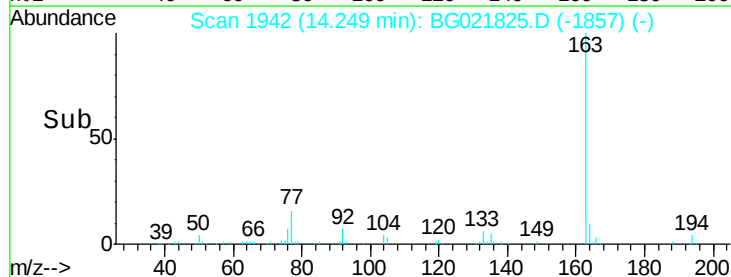
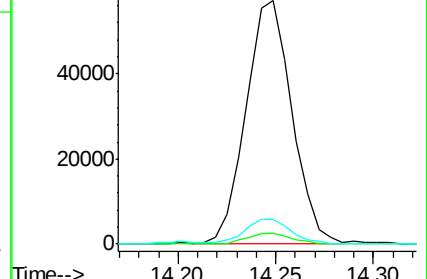
164 10.1 8.7 13.1

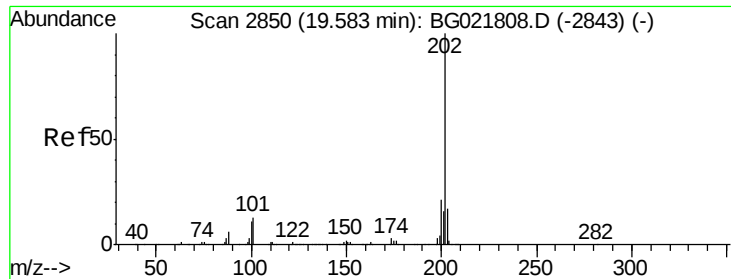


Abundance Ion 163.00 (162.70 to 163.70): BGC

Ion 194.00 (193.70 to 194.70): BGC

Ion 164.00 (163.70 to 164.70): BGC





#75

Fluoranthene

Concen: 1.03 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D9XB3

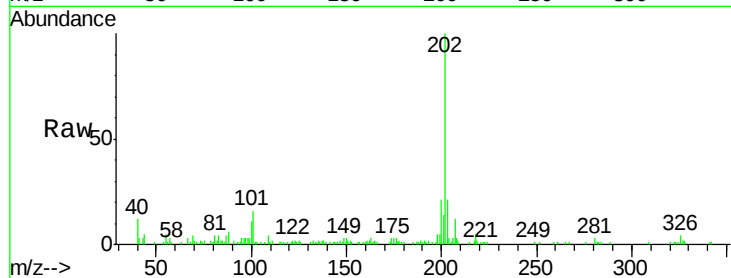
Tgt Ion:202 Resp: 31690

Ion Ratio Lower Upper

202 100

101 16.0 8.9 13.3#

100 11.4 7.0 10.4#



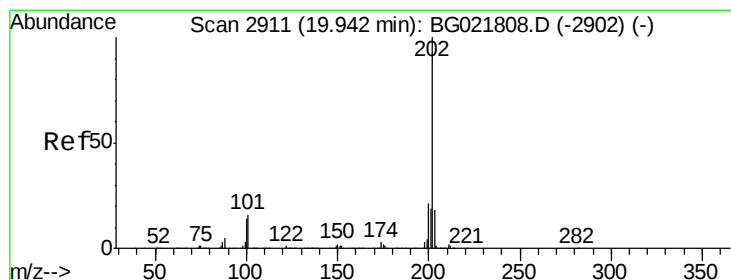
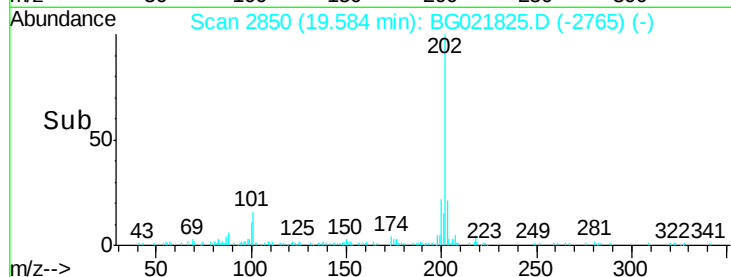
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.58

Time--> 19.50 19.55 19.60 19.65



#78

Pyrene

Concen: 1.73 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. 0.01 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

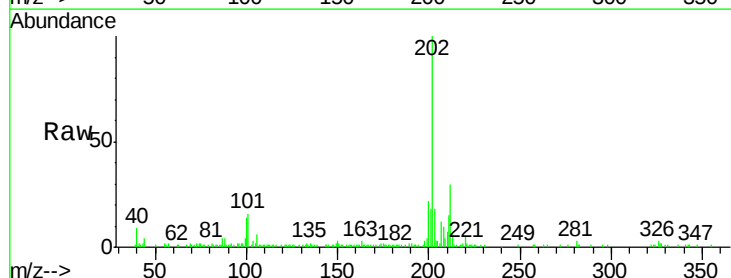
Tgt Ion:202 Resp: 48841

Ion Ratio Lower Upper

202 100

101 16.0 9.8 14.8#

100 13.6 9.3 13.9



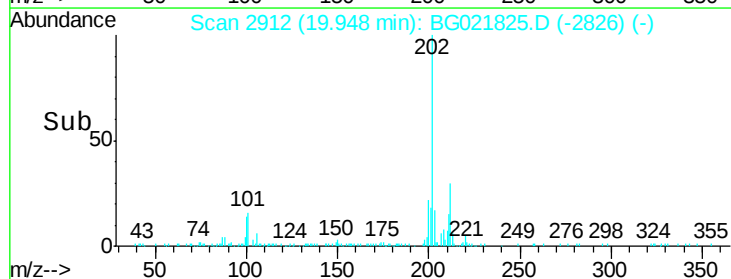
Abundance Ion 202.00 (201.70 to 202.70): E

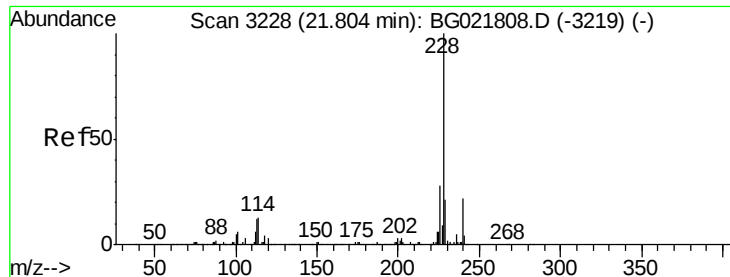
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.95

Time--> 19.85 19.90 19.95 20.00





#81

Benzo(a)anthracene

Concen: 1.65 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. 0.06 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D9XB3

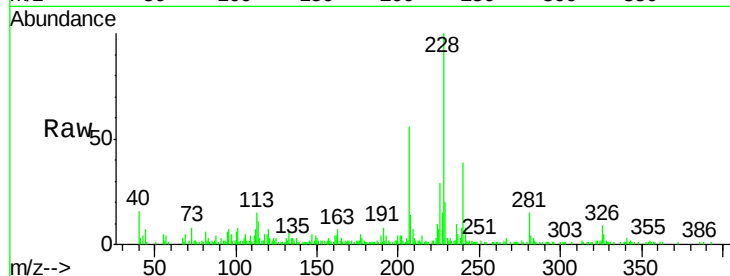
Tgt Ion:228 Resp: 44804

Ion Ratio Lower Upper

228 100

229 20.4 16.6 25.0

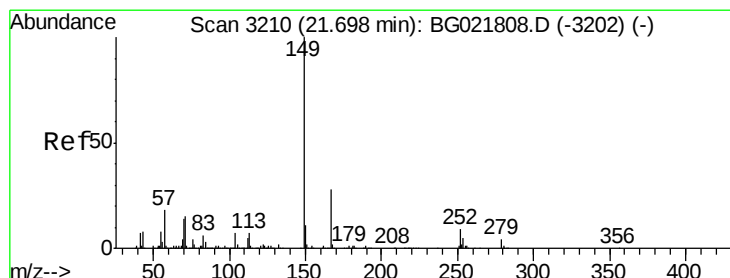
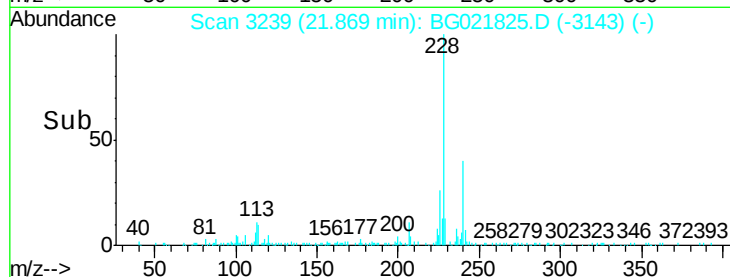
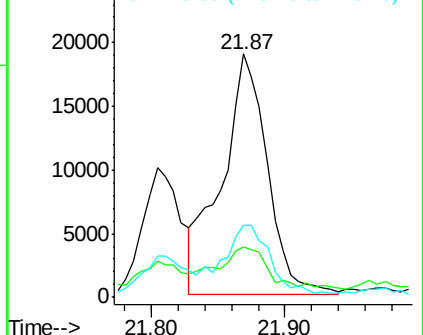
226 29.4 21.0 31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Bis(2-ethylhexyl)phthalate

Concen: 1.61 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

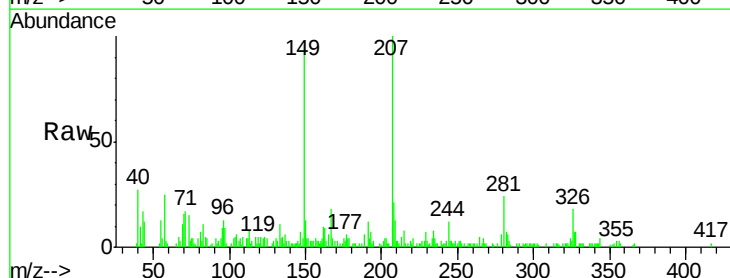
Tgt Ion:149 Resp: 16371

Ion Ratio Lower Upper

149 100

167 19.0 20.5 30.7#

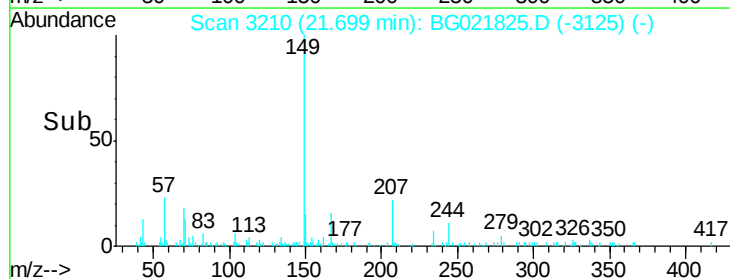
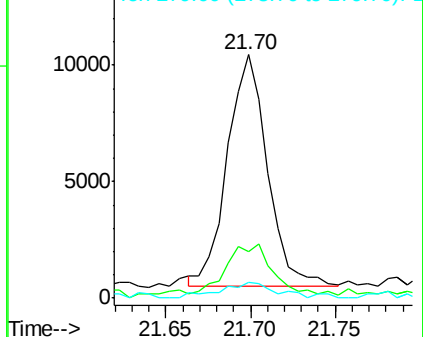
279 6.6 3.7 5.5#

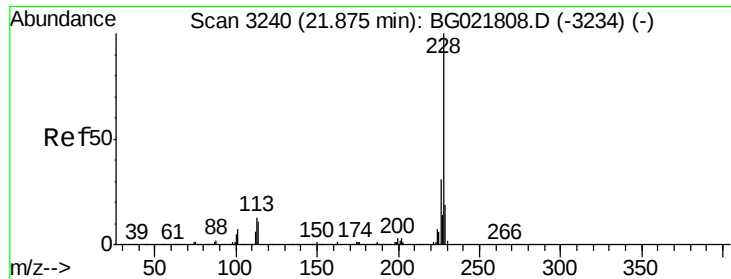


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 1.64 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

Instrument :

BNA_G

ClientSampleId :

D9XB3

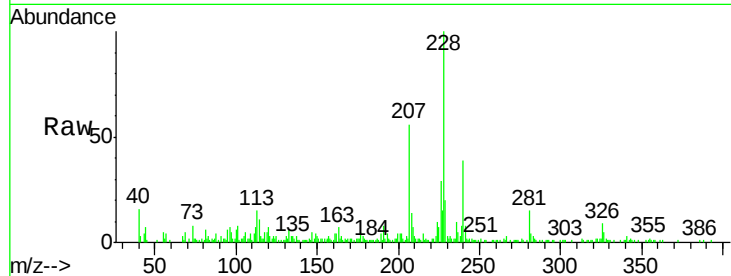
Tgt Ion:228 Resp: 44013

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

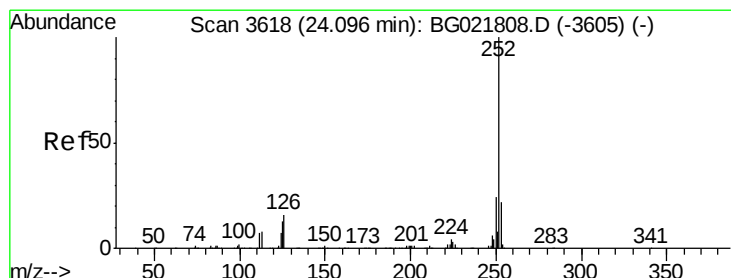
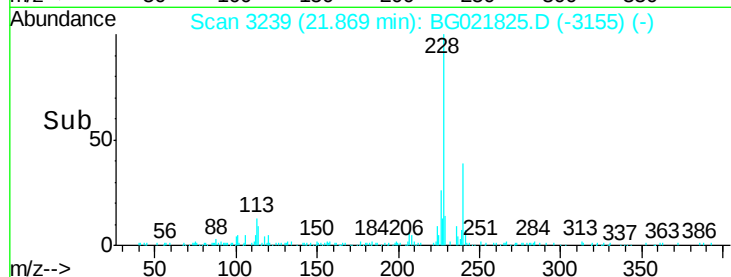
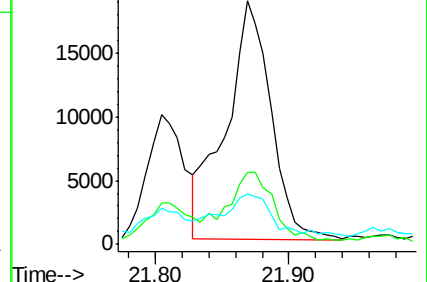
229 20.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Benzo(b)fluoranthene

Concen: 1.38 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. 0.00 min

Lab File: BG021825.D

Acq: 10 May 2016 20:42

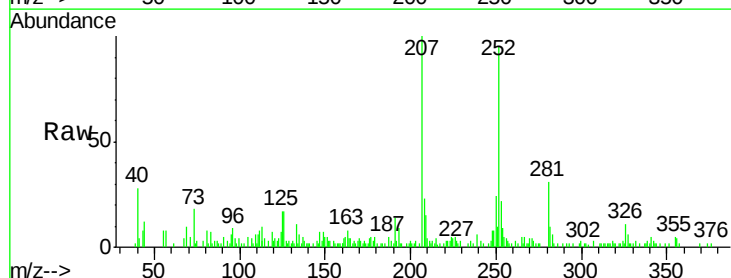
Tgt Ion:252 Resp: 37479

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 18.0 7.6 11.4#



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

