

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012916\
 Data File : BG020768.D
 Acq On : 29 Jan 2016 10:16
 Operator : SJ/IZ
 Sample : PB88050BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK50

Quant Time: Jan 29 10:54:52 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 29 10:13:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	16159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	85795	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	56921	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.64	188	135383	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	116848	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	108703	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2062	6.12	ng/uL	0.00
5) Phenol-d5	7.41	99	44920	27.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	27506	31.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	36207	29.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	39695	27.82	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	18064	34.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	14701	32.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	33540	26.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	67114	38.09	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	167818	34.51	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	187730	31.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	25274	29.39	ng/ul	0.00
58) Fluorene-d10	15.89	176	139031	32.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.99	200	10544	23.58	ng/ul	0.00
71) Anthracene-d10	17.73	188	227697	34.20	ng/ul	0.00
79) Pyrene-d10	20.00	212	224364	35.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.09	264	205318	35.24	ng/ul	0.01

Target Compounds

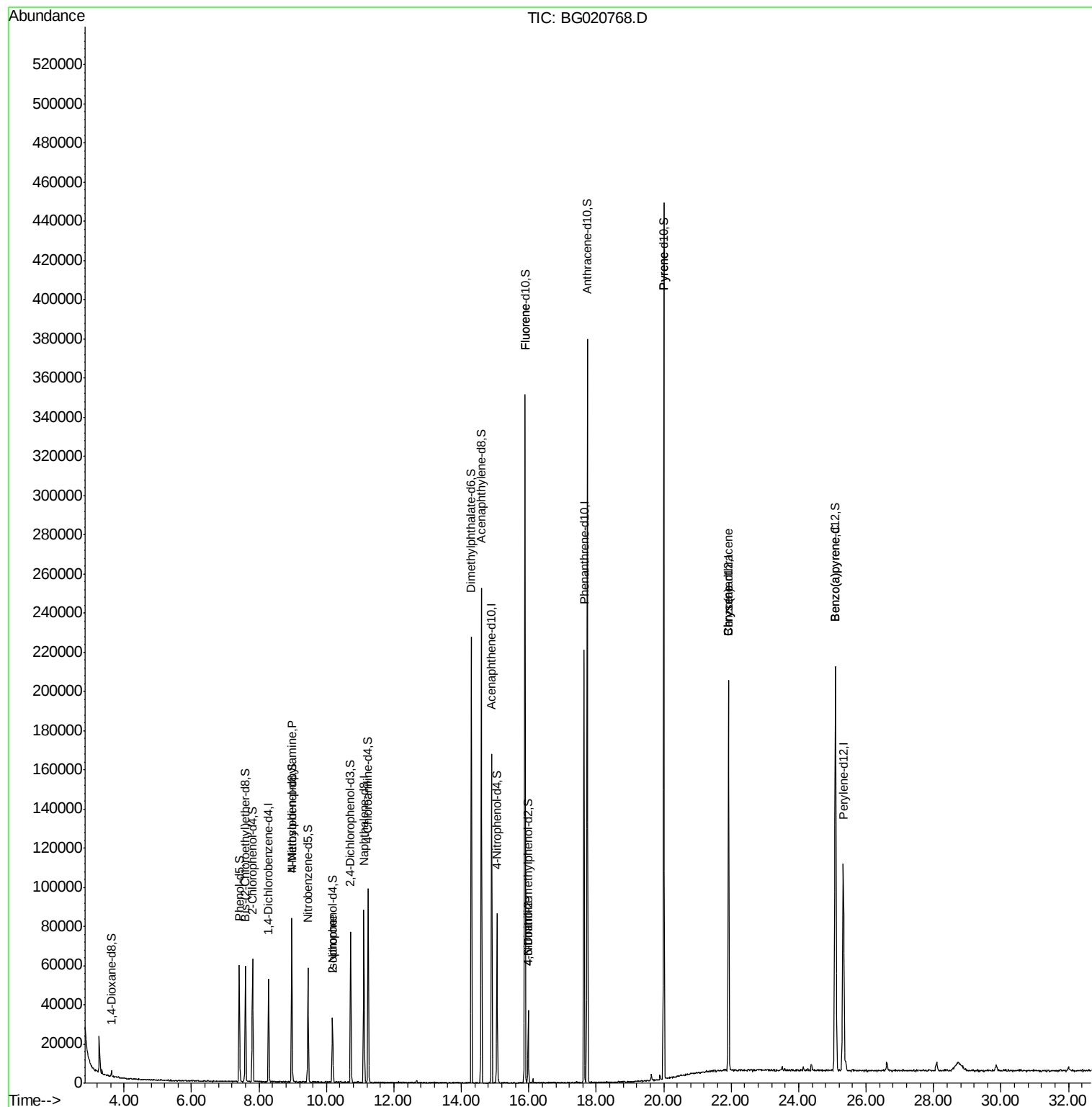
						Qvalue
15) N-Nitroso-di-n-propylamine	8.98	70	728	0.65	ng/ul#	1
21) Isophorone	10.19	82	667	0.21	ng/ul#	66
59) Fluorene	15.88	166	234	0.04	ng/ul#	9
61) 4-Nitroaniline	15.99	138	119	0.11	ng/ul#	1
80) Pyrene	20.00	202	242	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.92	228	149	0.02	ng/ul#	51
85) Chrysene	21.92	228	149	0.02	ng/ul#	49
91) Benzo(a)pyrene	25.10	252	233	0.03	ng/ul#	61

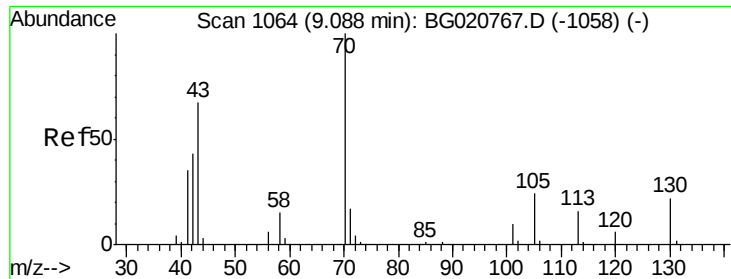
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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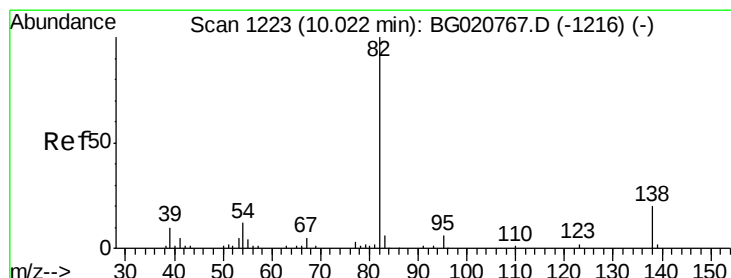
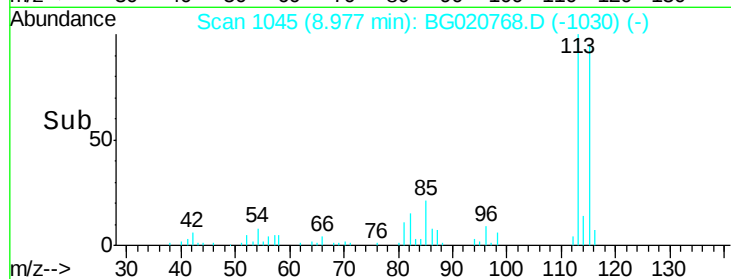
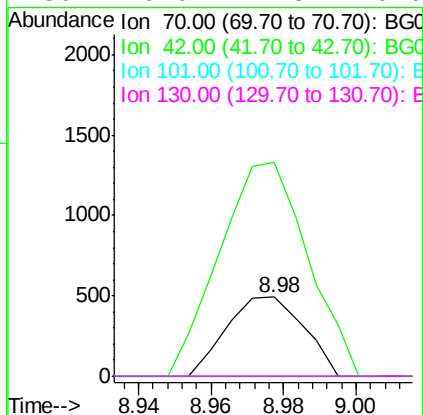
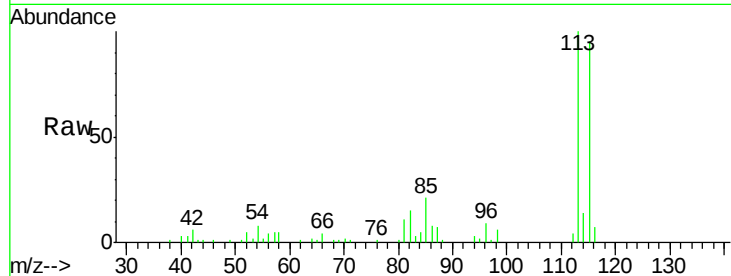




#15
N-Nitroso-di-n-propylamine
Concen: 0.65 ng/ul
RT: 8.98 min Scan# 1045
Delta R.T. -0.11 min
Lab File: BG020768.D
Acq: 29 Jan 2016 10:16

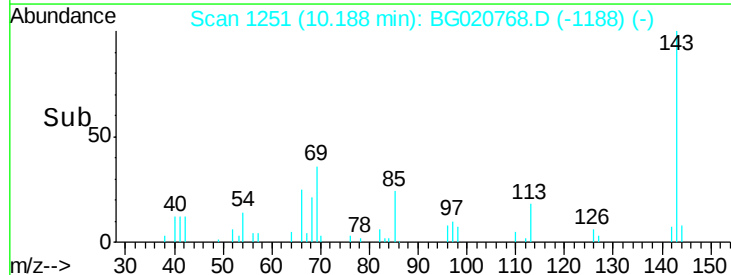
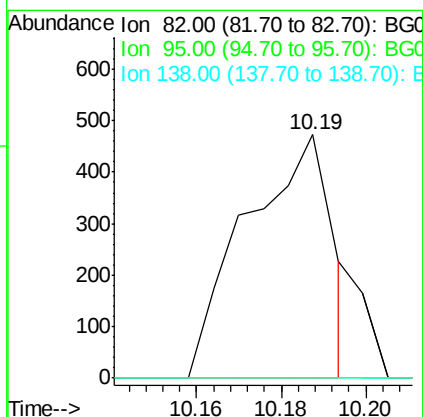
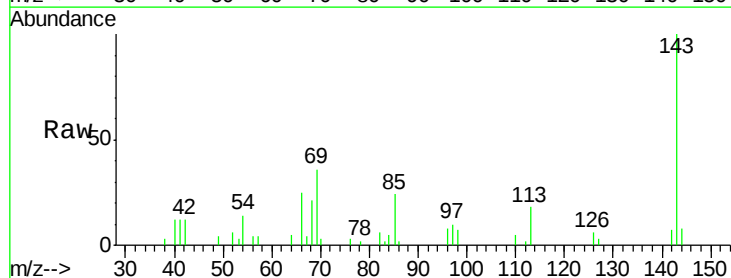
Instrument :
BNA_G
ClientSampleId :
SBLK50

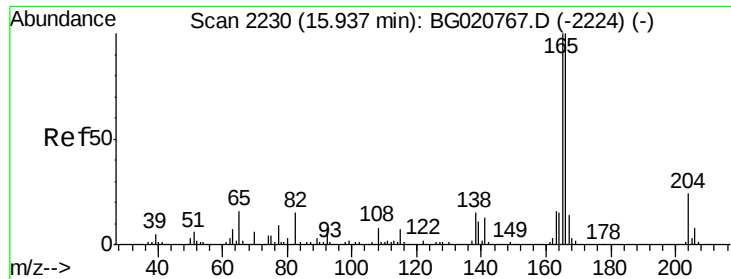
Tgt Ion: 70 Resp: 728
Ion Ratio Lower Upper
70 100
42 270.1 40.2 60.4#
101 0.0 7.7 11.5#
130 0.0 17.8 26.6#



#21
Isophorone
Concen: 0.21 ng/ul
RT: 10.19 min Scan# 1251
Delta R.T. 0.17 min
Lab File: BG020768.D
Acq: 29 Jan 2016 10:16

Tgt Ion: 82 Resp: 667
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.5 20.3#





#59

Fluorene

Concen: 0.04 ng/ul

RT: 15.88 min Scan# 2220

Delta R.T. -0.06 min

Lab File: BG020768.D

Acq: 29 Jan 2016 10:16

Instrument :

BNA_G

ClientSampleId :

SBLK50

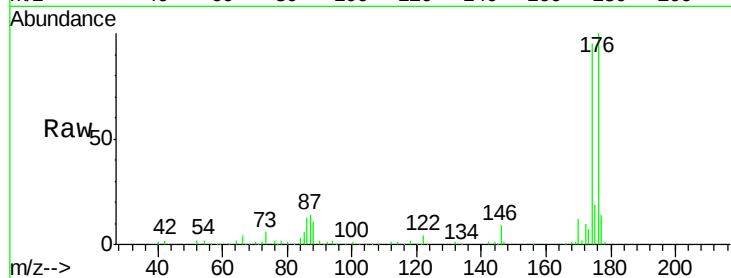
Tgt Ion:166 Resp: 234

Ion Ratio Lower Upper

166 100

165 0.0 78.4 117.6#

167 0.0 11.1 16.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.88

250

200

150

100

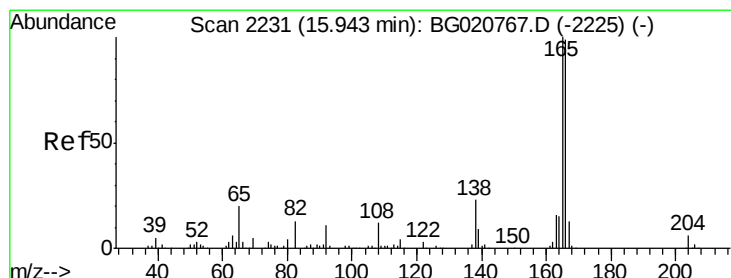
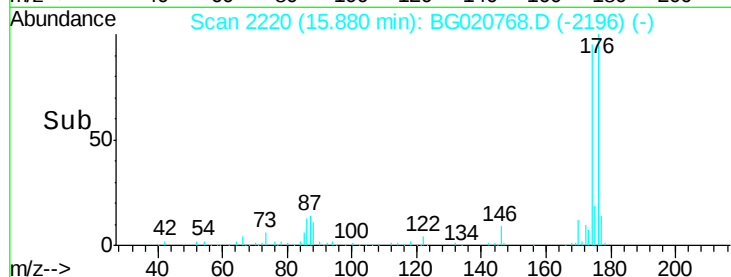
50

0

15.88

15.90

Time-->



#61

4-Nitroaniline

Concen: 0.11 ng/ul

RT: 15.99 min Scan# 2238

Delta R.T. 0.04 min

Lab File: BG020768.D

Acq: 29 Jan 2016 10:16

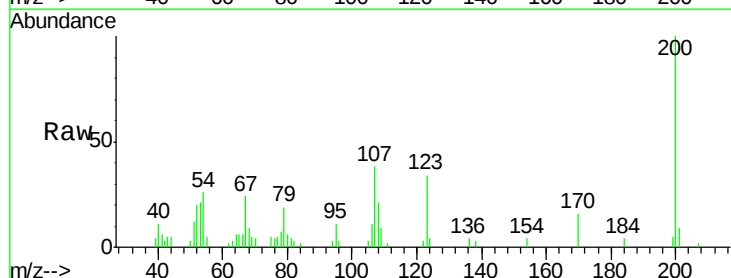
Tgt Ion:138 Resp: 119

Ion Ratio Lower Upper

138 100

92 0.0 38.2 57.4#

108 803.8 70.0 105.0#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

2000

1500

1000

500

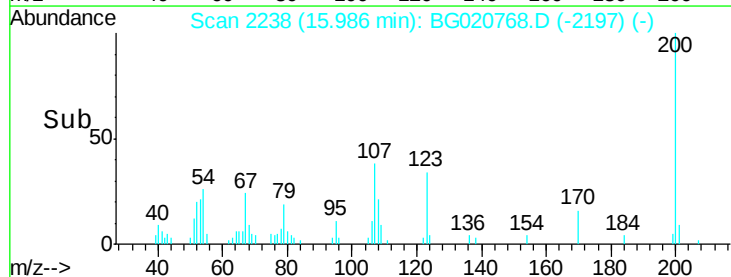
0

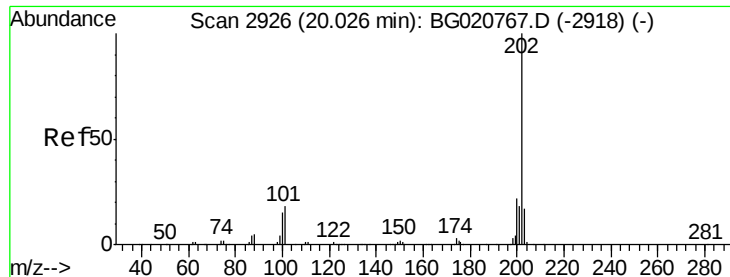
15.97

15.98

15.99

Time-->

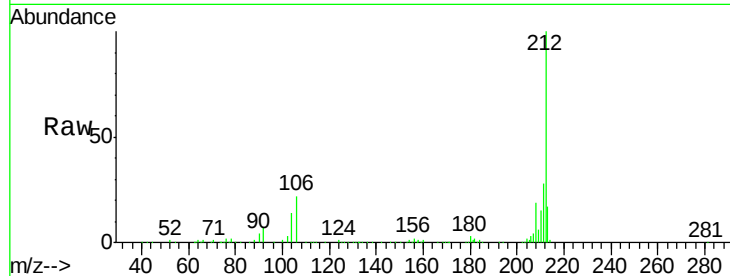




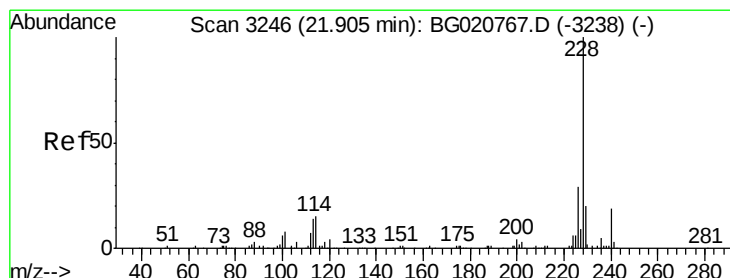
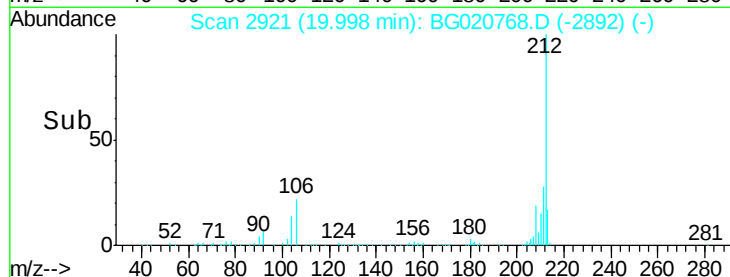
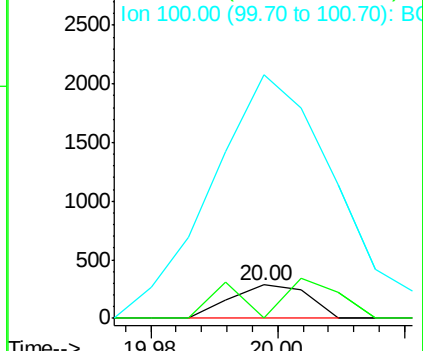
#80
 Pyrene
 Concen: 0.03 ng/u1
 RT: 20.00 min Scan# 2921
 Delta R.T. -0.03 min
 Lab File: BG020768.D
 Acq: 29 Jan 2016 10:16

Instrument :
 BNA_G
 ClientSampled :
 SBLK50

Tgt Ion:202 Resp: 242
 Ion Ratio Lower Upper
 202 100
 101 0.0 6.9 10.3#
 100 723.7 5.6 8.4#

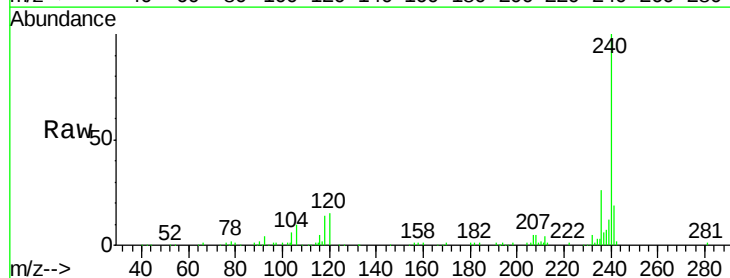


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

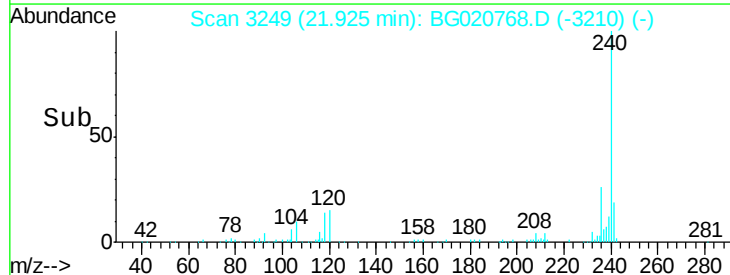
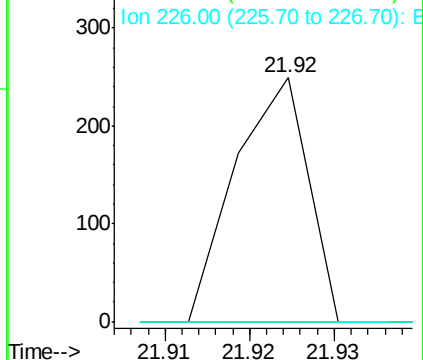


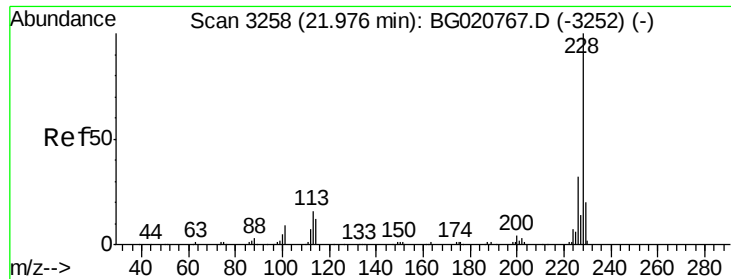
#83
 Benzo(a)anthracene
 Concen: 0.02 ng/u1
 RT: 21.92 min Scan# 3249
 Delta R.T. 0.03 min
 Lab File: BG020768.D
 Acq: 29 Jan 2016 10:16

Tgt Ion:228 Resp: 149
 Ion Ratio Lower Upper
 228 100
 229 0.0 16.0 24.0#
 226 0.0 21.8 32.8#



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





#85

Chrysene

Concen: 0.02 ng/u1

RT: 21.92 min Scan# 3249

Delta R.T. -0.04 min

Lab File: BG020768.D

Acq: 29 Jan 2016 10:16

Instrument :

BNA_G

ClientSampleId :

SBLK50

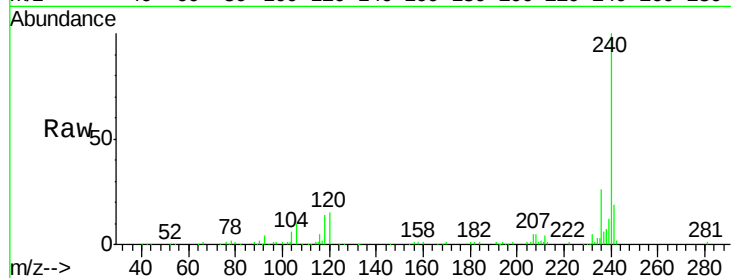
Tgt Ion:228 Resp: 149

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 0.0 16.0 24.0#



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

21.92

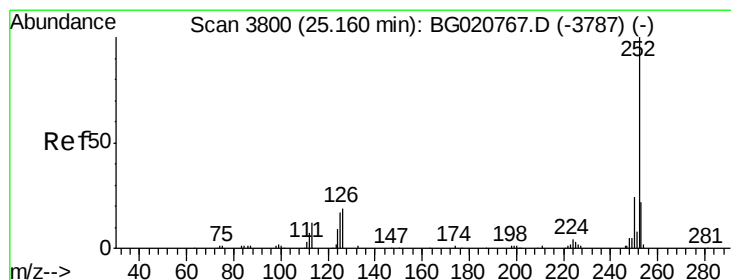
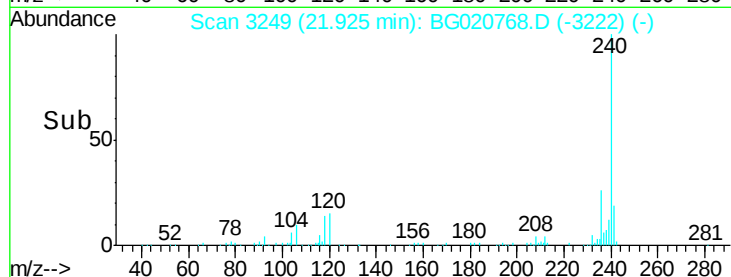
200

100

0

21.91 21.92 21.93

Time-->



#91

Benzo(a)pyrene

Concen: 0.03 ng/u1

RT: 25.10 min Scan# 3789

Delta R.T. -0.06 min

Lab File: BG020768.D

Acq: 29 Jan 2016 10:16

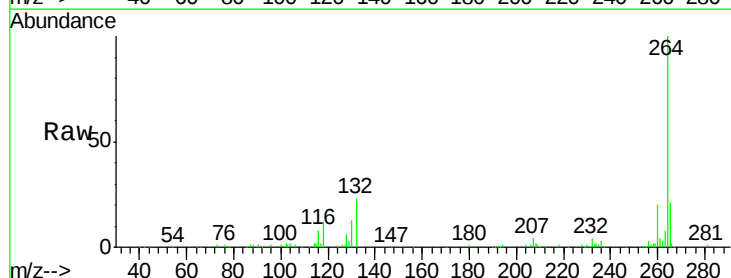
Tgt Ion:252 Resp: 233

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 0.0 5.8 8.6#



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

25.10

300

200

100

0

25.08 25.10 25.12

Time-->

