

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
 Data File : BG022053.D
 Acq On : 23 May 2016 19:18
 Operator : UM/SJ
 Sample : H3124-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGJ4

Quant Time: May 24 08:10:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 07:40:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	194218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	98323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	180555	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	163100	20.00	ng/ul	0.00
83) Perylene-d12	25.16	264	153814	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.54	96	2843	3.76	ng/uL	0.00
5) Phenol-d5	7.31	99	68088	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	34030	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	59705	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	56272	18.65	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	28537	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30053	19.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	53404	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	58782	19.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	153992	20.85	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	212567	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	13767	10.83	ng/ul	0.00
57) Fluorene-d10	15.77	176	133181	19.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	9769	10.35	ng/ul	0.00
70) Anthracene-d10	17.63	188	177281	20.46	ng/ul	0.00
76) Pyrene-d10	19.91	212	181565	19.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.93	264	153906	21.56	ng/ul	0.00

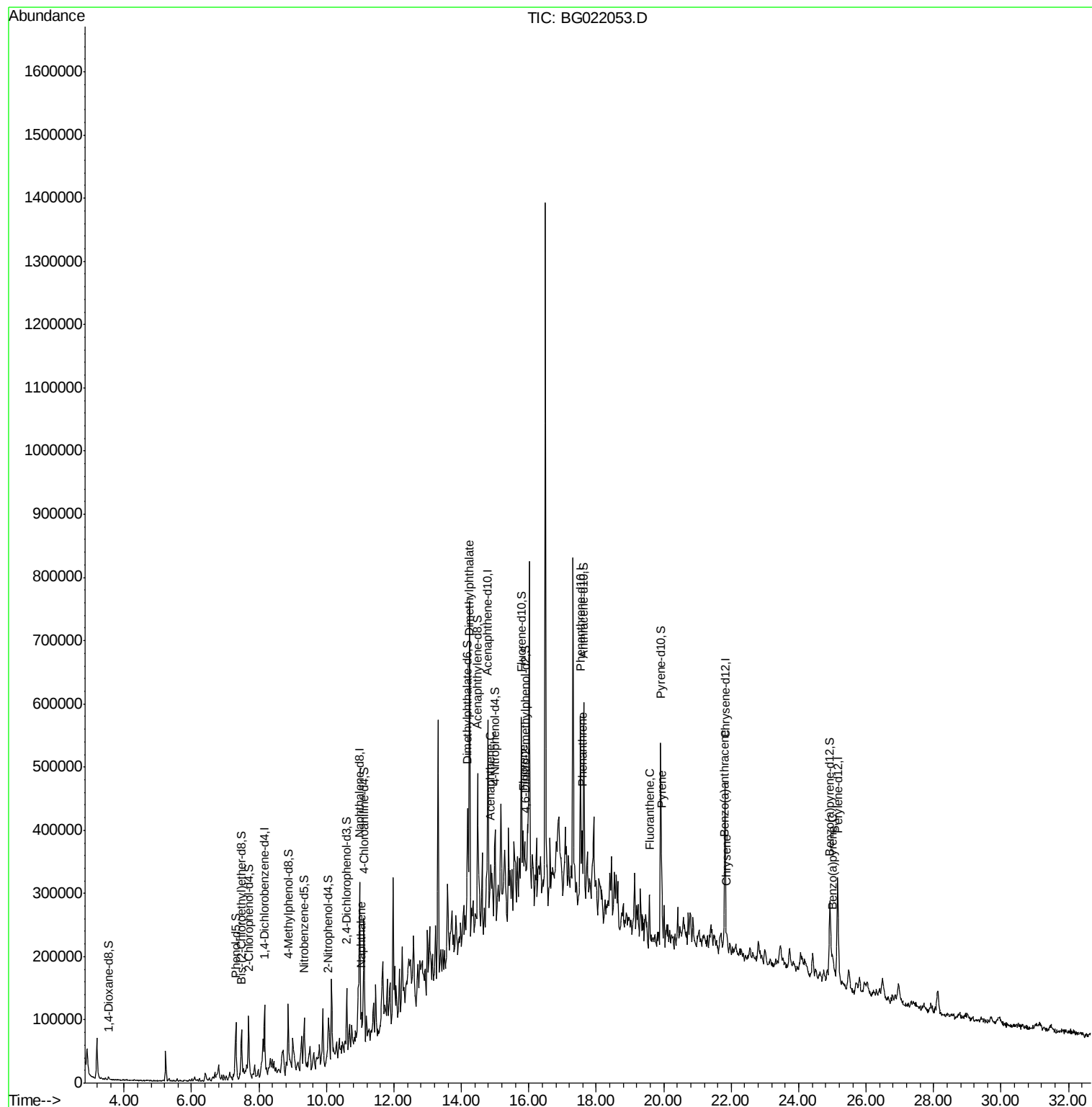
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.03	128	20292	2.06	ng/ul#	90
44) Dimethylphthalate	14.23	163	63296	8.53	ng/ul#	96
49) Acenaphthene	14.85	153	13906	1.92	ng/ul	86
58) Fluorene	15.83	166	20070	2.65	ng/ul#	88
69) Phenanthrene	17.57	178	70524	7.02	ng/ul#	93
74) Fluoranthene	19.58	202	45548	4.44	ng/ul	98
77) Pyrene	19.93	202	70344	6.13	ng/ul	96
80) Benzo(a)anthracene	21.79	228	18156	1.90	ng/ul#	70
82) Chrysene	21.86	228	24893	2.71	ng/ul#	76
88) Benzo(a)pyrene	25.00	252	12660	1.46	ng/ul#	70

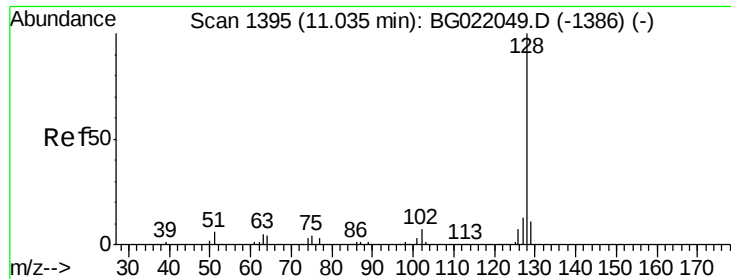
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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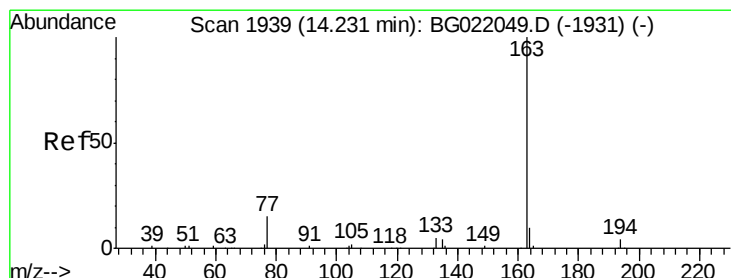
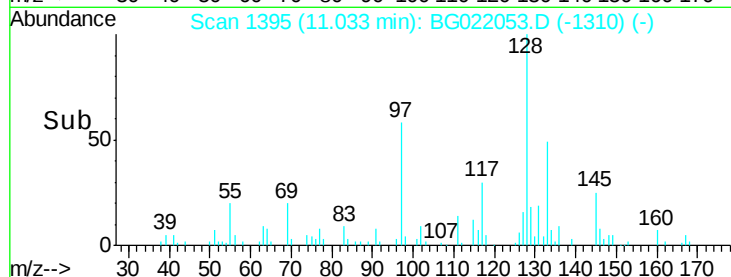
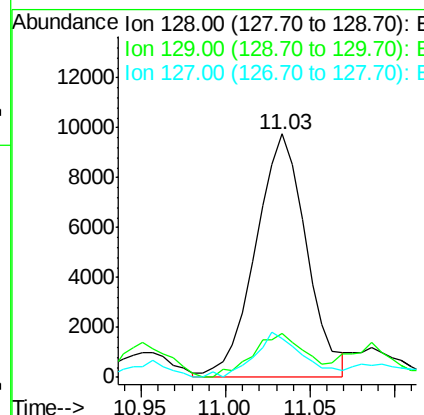
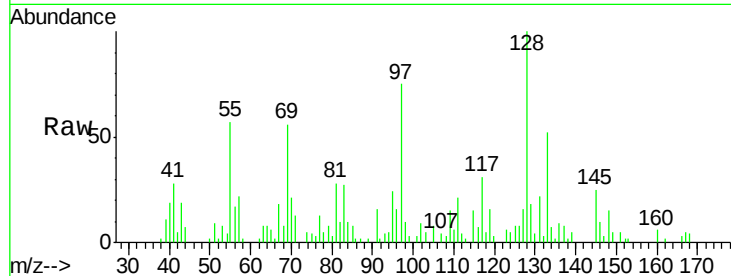




#28
Naphthalene
Concen: 2.06 ng/ul
RT: 11.03 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022053.D
Acq: 23 May 2016 19:18

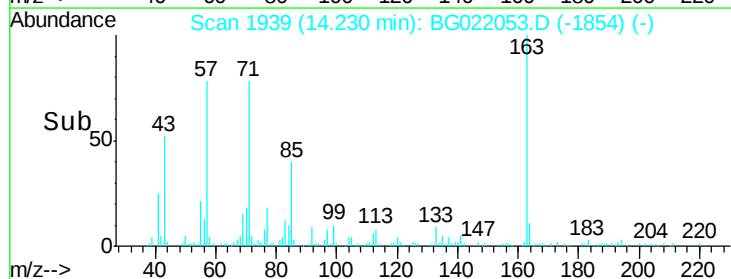
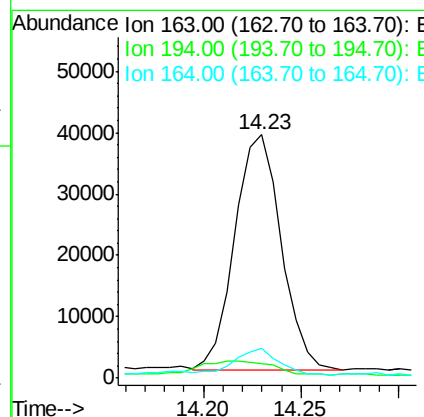
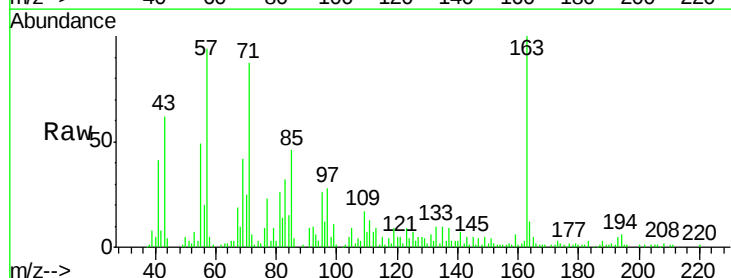
Instrument :
BNA_G
ClientSampleId :
JHGJ4

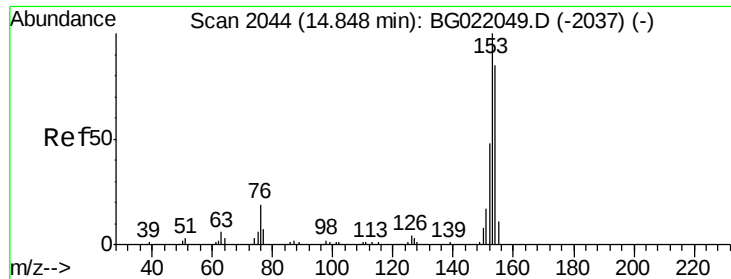
Tgt Ion:128 Resp: 20292
Ion Ratio Lower Upper
128 100
129 17.9 9.4 14.2#
127 15.9 11.2 16.8



#44
Dimethylphthalate
Concen: 8.53 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG022053.D
Acq: 23 May 2016 19:18

Tgt Ion:163 Resp: 63296
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 12.1 8.8 13.2





#49

Acenaphthene

Concen: 1.92 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

Instrument :

BNA_G

ClientSampleId :

JHGJ4

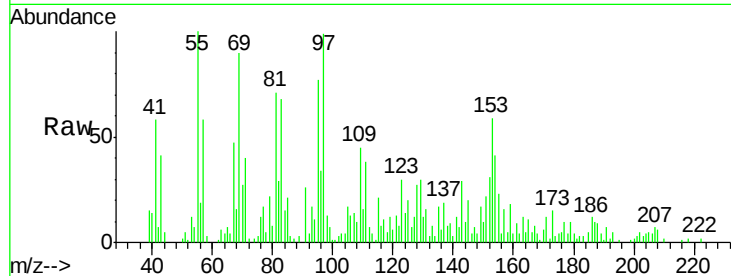
Tgt Ion:153 Resp: 13906

Ion Ratio Lower Upper

153 100

152 51.8 37.3 55.9

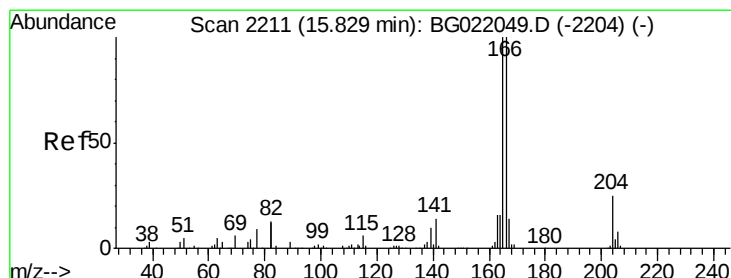
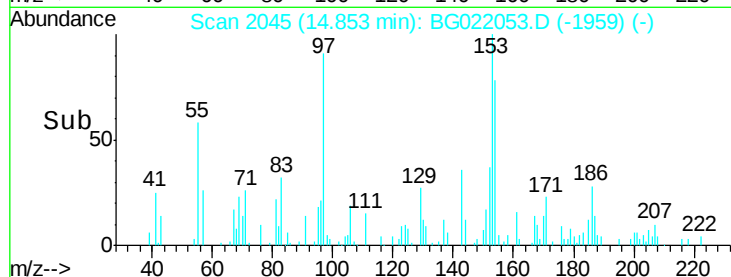
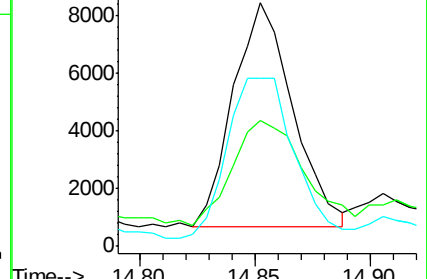
154 69.2 68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.65 ng/ul

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

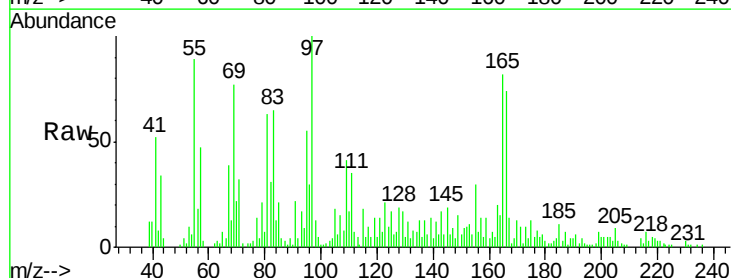
Tgt Ion:166 Resp: 20070

Ion Ratio Lower Upper

166 100

165 112.1 80.3 120.5

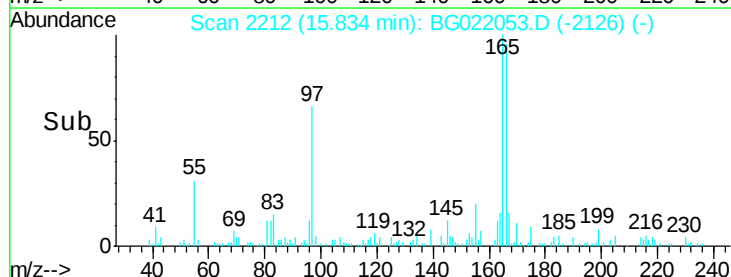
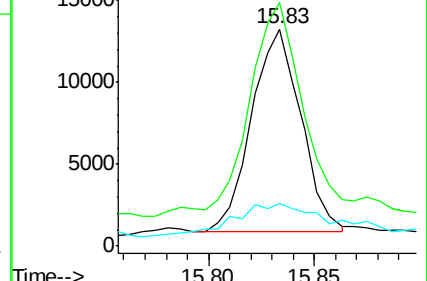
167 19.5 10.3 15.5#

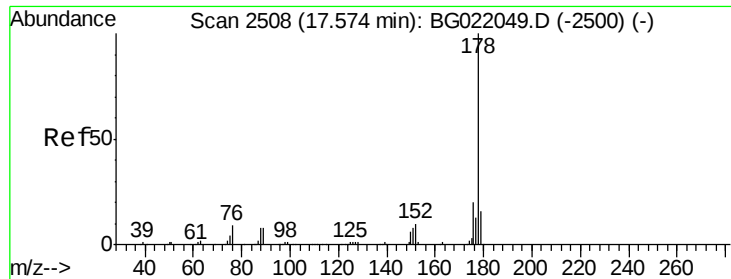


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 7.02 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

Instrument :

BNA_G

ClientSampleId :

JHGJ4

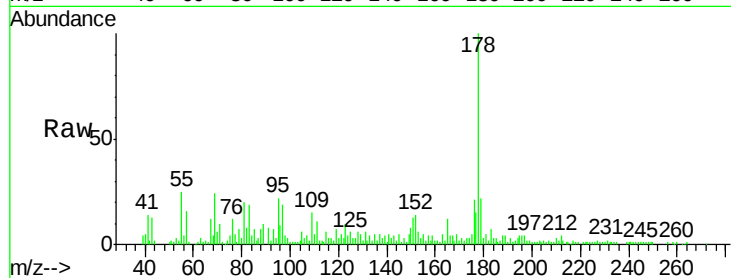
Tgt Ion:178 Resp: 70524

Ion Ratio Lower Upper

178 100

179 21.8 12.9 19.3#

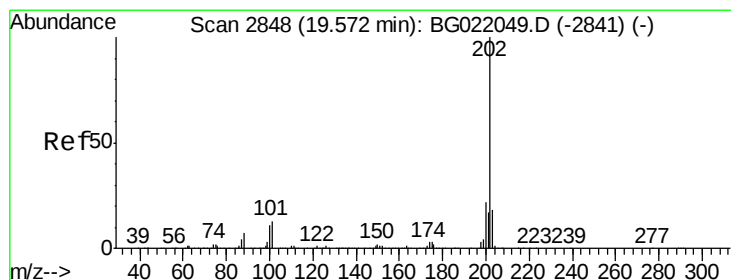
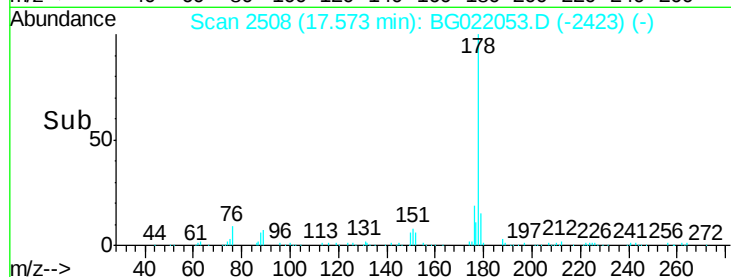
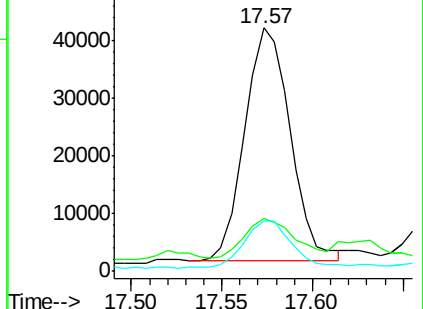
176 20.7 15.8 23.8



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



#74

Fluoranthene

Concen: 4.44 ng/ul

RT: 19.58 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

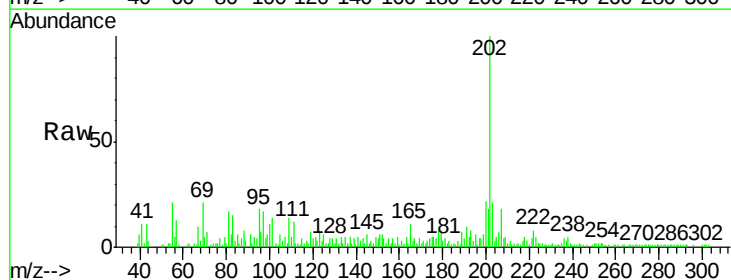
Tgt Ion:202 Resp: 45548

Ion Ratio Lower Upper

202 100

101 14.4 10.6 16.0

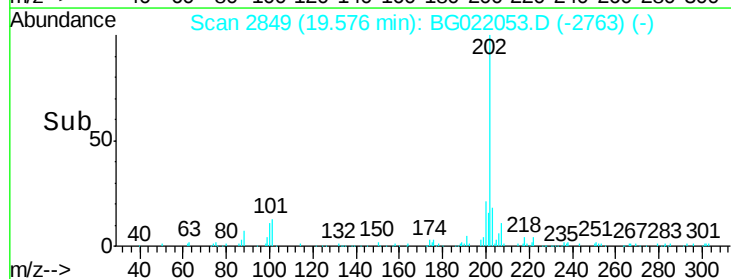
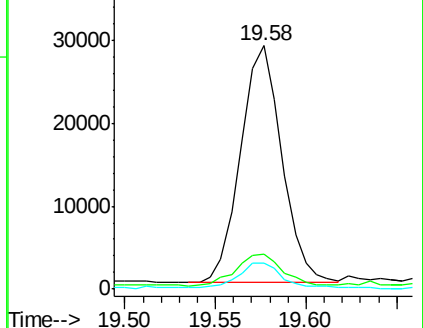
100 10.7 8.7 13.1

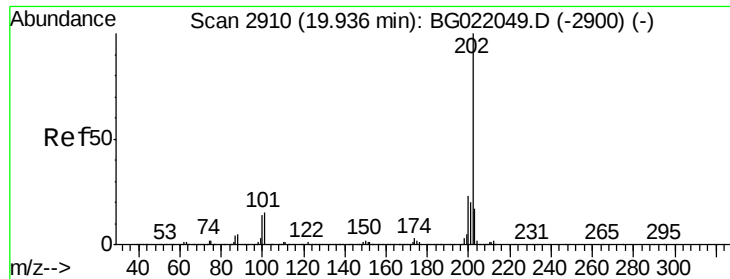


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 6.13 ng/ul

RT: 19.93 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

Instrument :

BNA_G

ClientSampleId :

JHGJ4

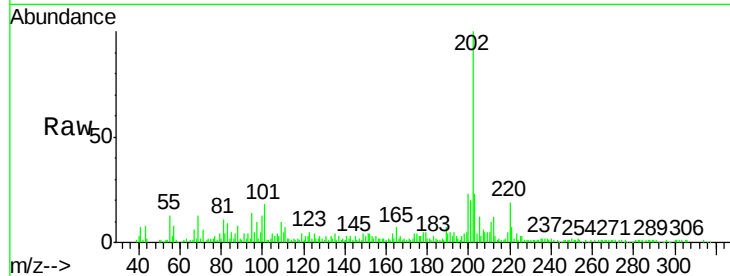
Tgt Ion:202 Resp: 70344

Ion Ratio Lower Upper

202 100

101 18.3 12.5 18.7

100 13.3 10.2 15.4

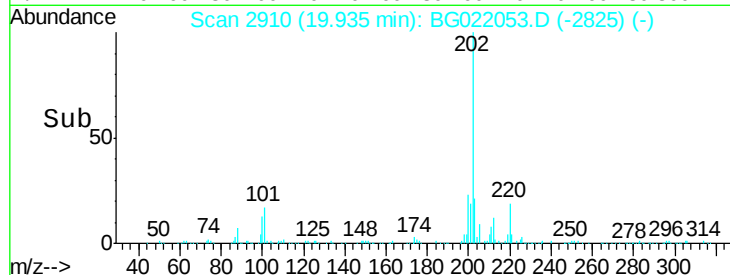


Abundance Ion 202.00 (201.70 to 202.70): E

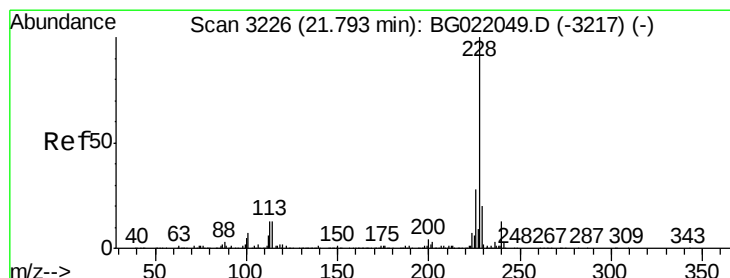
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 1.90 ng/ul

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

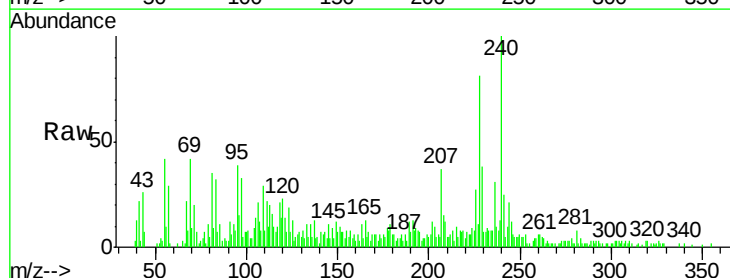
Tgt Ion:228 Resp: 18156

Ion Ratio Lower Upper

228 100

229 46.6 15.4 23.2#

226 33.2 22.8 34.2

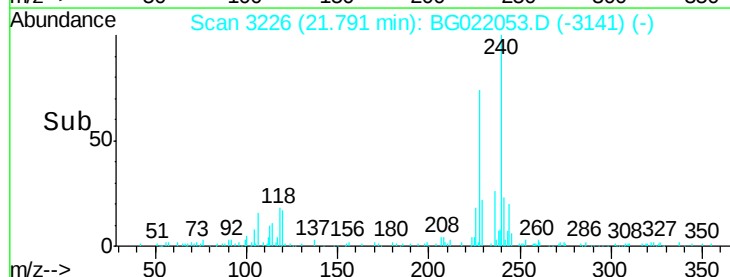


Abundance Ion 228.00 (227.70 to 228.70): E

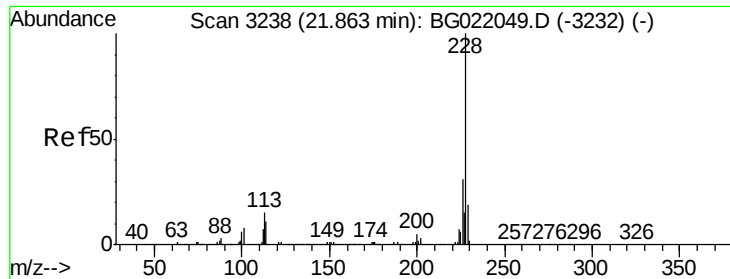
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#82

Chrysene

Concen: 2.71 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

Instrument :

BNA_G

ClientSampled :

JHGJ4

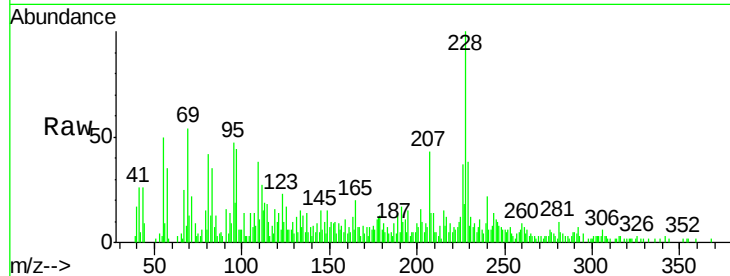
Tgt Ion:228 Resp: 24893

Ion Ratio Lower Upper

228 100

226 37.0 24.2 36.4#

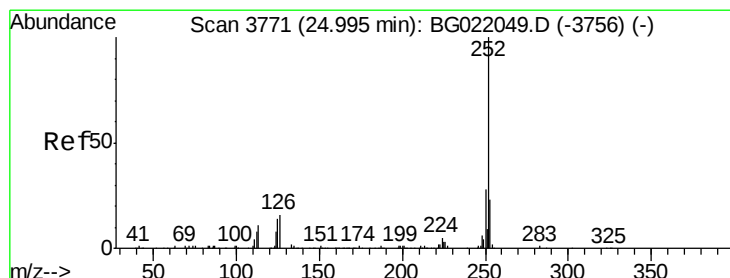
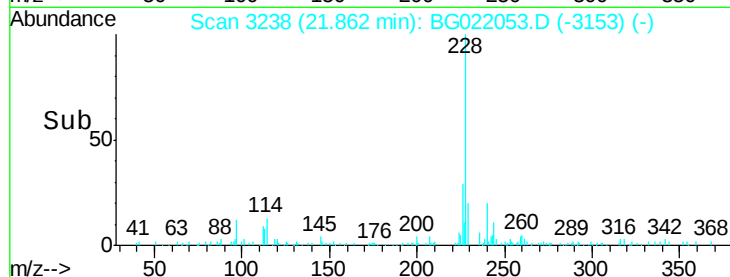
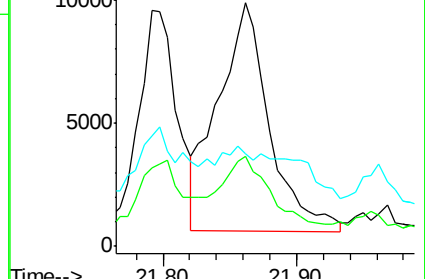
229 38.3 15.0 22.6#



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



#88

Benzo(a)pyrene

Concen: 1.46 ng/ul

RT: 25.00 min Scan# 3772

Delta R.T. 0.00 min

Lab File: BG022053.D

Acq: 23 May 2016 19:18

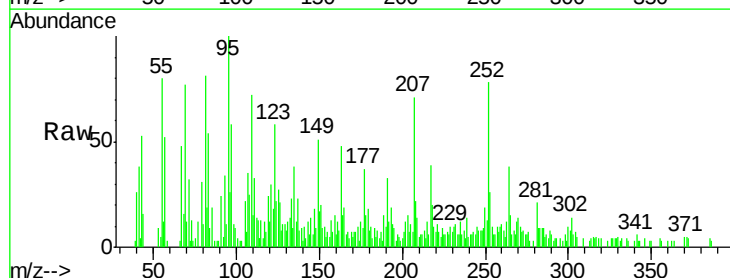
Tgt Ion:252 Resp: 12660

Ion Ratio Lower Upper

252 100

253 32.8 19.0 28.4#

125 34.7 12.0 18.0#



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

