

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052116\
 Data File : BG022003.D
 Acq On : 22 May 2016 8:40
 Operator : UM/SJ
 Sample : H3086-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 23 08:30:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 03:27:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	49847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	235784	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	126831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	246713	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	246756	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	232800	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	3077	3.22	ng/uL	0.00
5) Phenol-d5	7.31	99	71719	15.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	39929	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	63287	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	52099	13.64	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	31835	18.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	34512	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	58585	17.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	65710	18.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	185790	19.50	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	261105	19.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	15771	9.61	ng/ul	0.00
58) Fluorene-d10	15.78	176	168539	18.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	18918	14.67	ng/ul	0.00
71) Anthracene-d10	17.63	188	237071	19.96	ng/ul	0.00
77) Pyrene-d10	19.91	212	249261	17.91	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	218345	20.21	ng/ul	0.00

Target Compounds

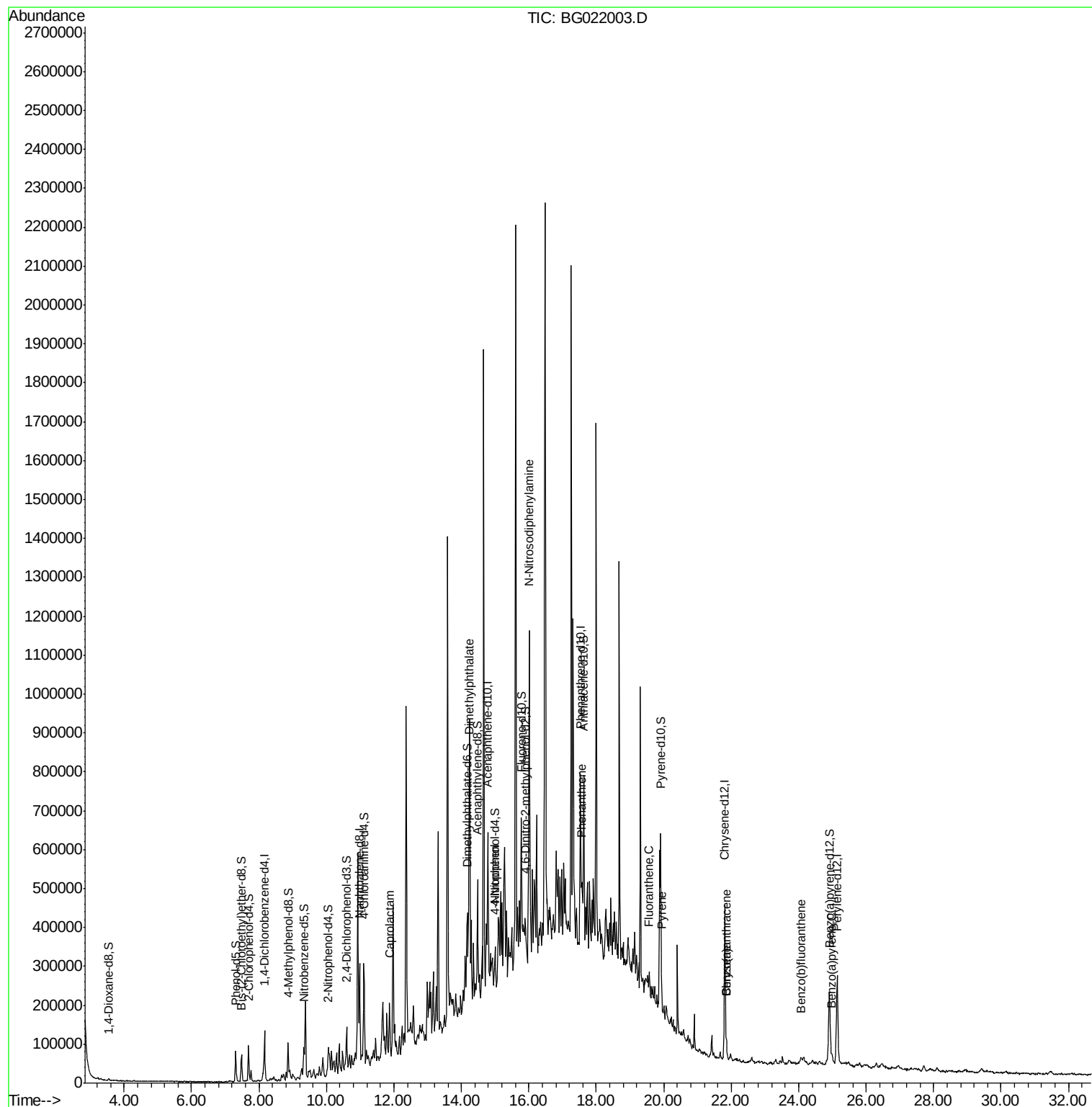
						Ovalue
32) Caprolactam	11.87	113	2574	1.97	ng/ul#	1
45) Dimethylphthalate	14.23	163	33954	3.55	ng/ul#	96
53) 4-Nitrophenol	15.01	109	1110	1.20	ng/ul#	1
65) N-Nitrosodiphenylamine	16.02	169	20511	2.63	ng/ul#	51
70) Phenanthrene	17.57	178	18486	1.35	ng/ul#	88
75) Fluoranthene	19.57	202	33126	2.37	ng/ul	100
78) Pyrene	19.93	202	39922	2.30	ng/ul	95
81) Benzo(a)anthracene	21.86	228	24945	1.72	ng/ul	95
83) Chrysene	21.86	228	24945	1.78	ng/ul	96
86) Benzo(b)fluoranthene	24.08	252	16184	1.19	ng/ul#	84
89) Benzo(a)pyrene	24.99	252	15838	1.20	ng/ul#	89

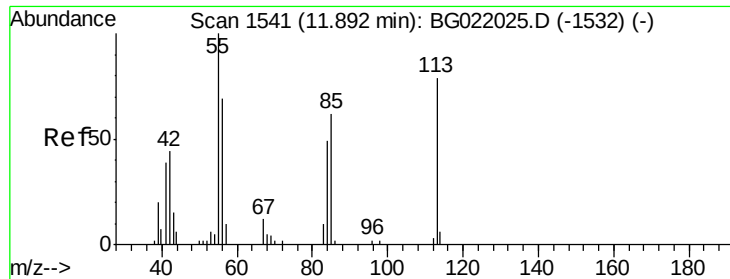
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#32

Caprolactam

Concen: 1.97 ng/ul

RT: 11.87 min Scan# 1538

Delta R.T. -0.02 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

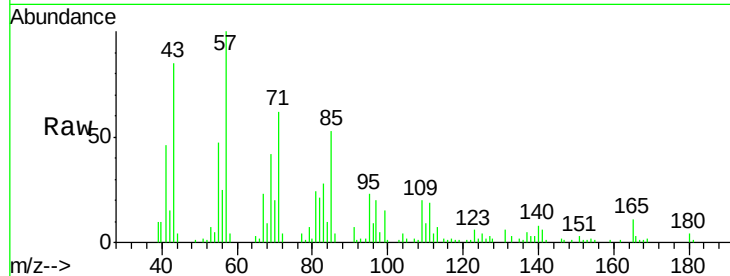
Tot Ion:113 Resp: 2574

Ion Ratio Lower Upper

113 100

55 716.1 99.6 149.4#

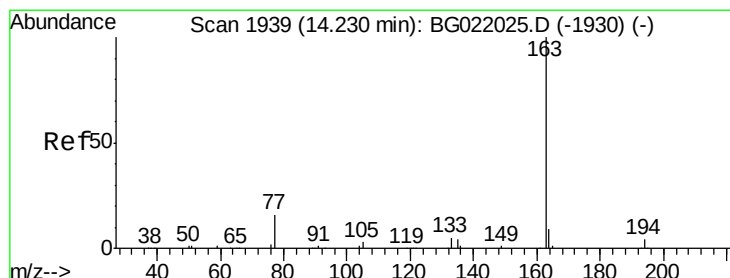
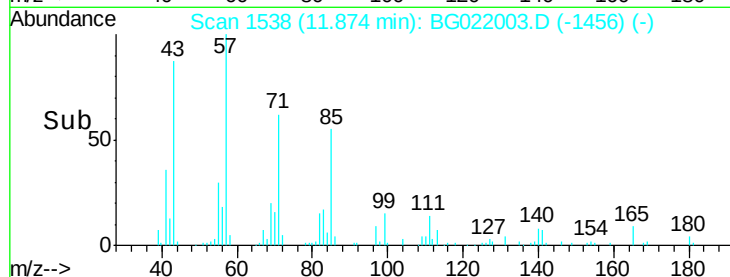
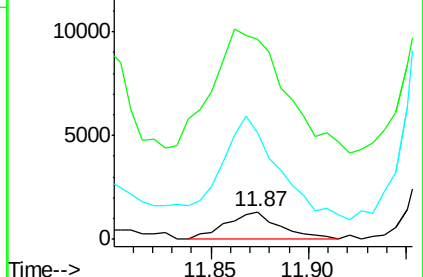
56 382.2 66.4 99.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG022025.D (-1532) (-)

Ion 56.00 (55.70 to 56.70): BG022025.D (-1532) (-)



#45

Dimethylphthalate

Concen: 3.55 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

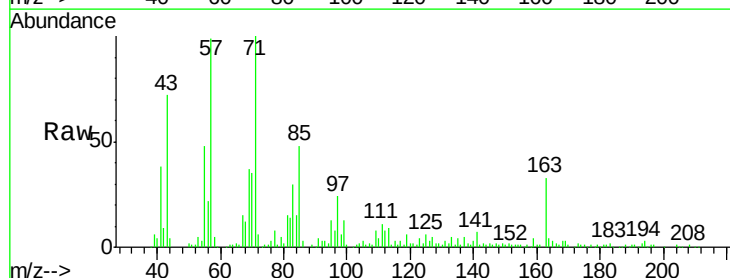
Tgt Ion:163 Resp: 33954

Ion Ratio Lower Upper

163 100

194 8.2 3.4 5.2#

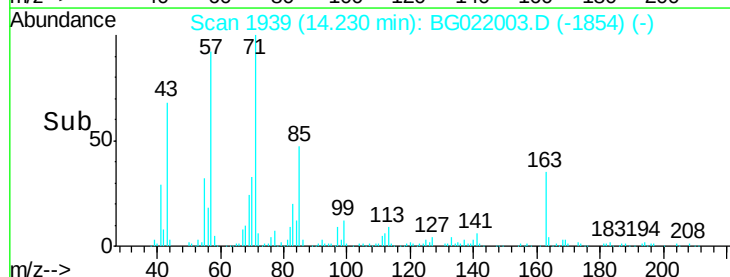
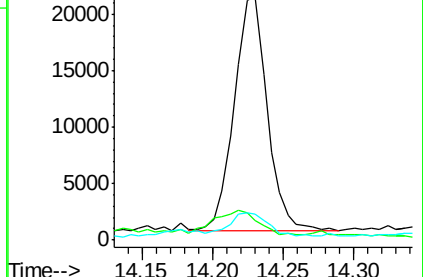
164 10.9 8.8 13.2

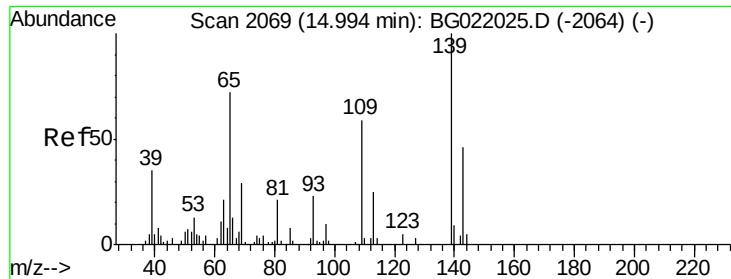


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

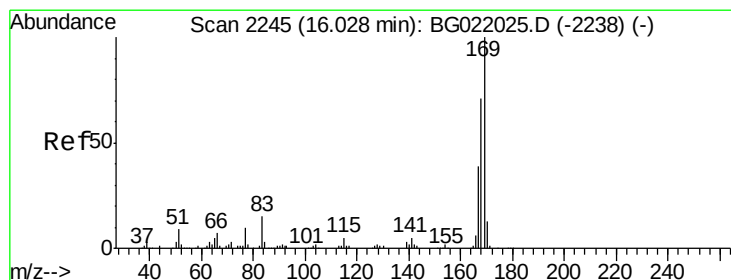
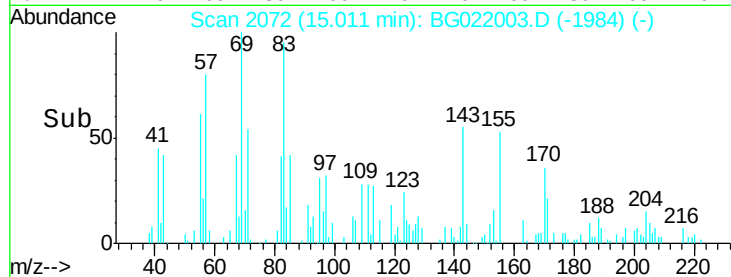
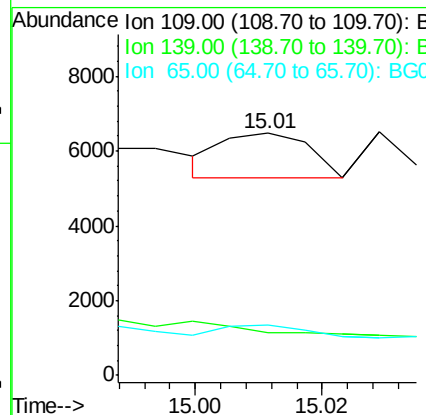
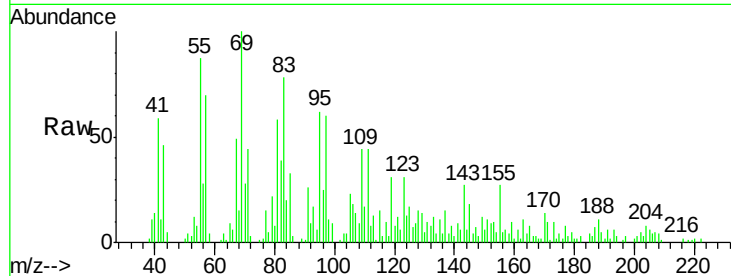




#53
4-Nitrophenol
Concen: 1.20 na/ul
RT: 15.01 min Scan# 2072
Delta R.T. 0.02 min
Lab File: BG022003.D
Acq: 22 May 2016 8:40

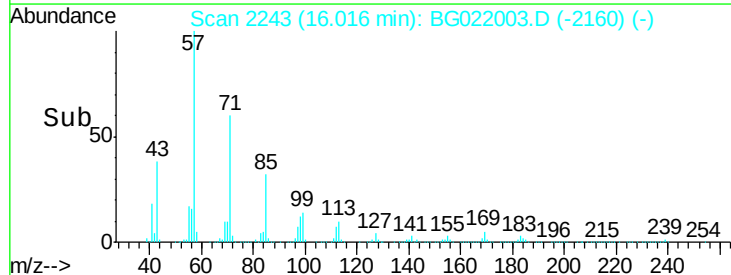
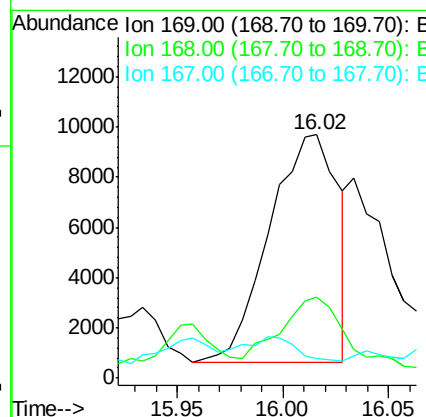
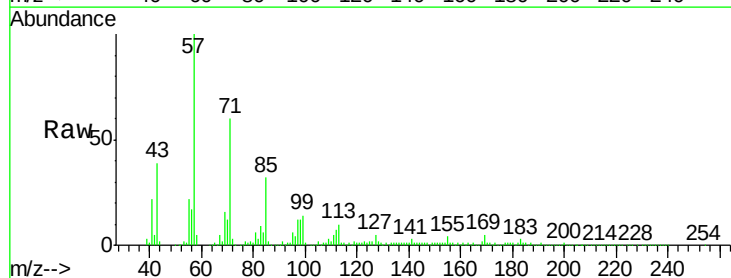
Instrument :
BNA_G
ClientSampled :

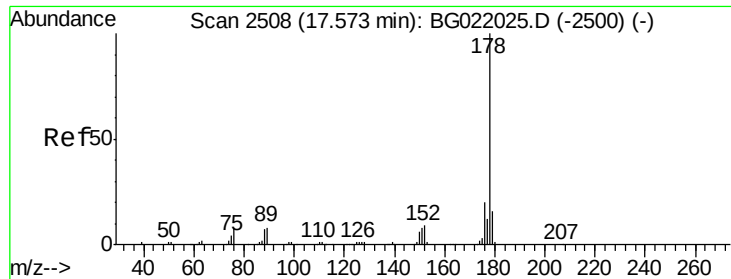
Tot Ion:109 Resp: 1110
Ion Ratio Lower Upper
109 100
139 17.8 136.1 204.1#
65 20.6 106.0 159.0#



#65
N-Nitrosodiphenylamine
Concen: 2.63 ng/ul
RT: 16.02 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BG022003.D
Acq: 22 May 2016 8:40

Tgt Ion:169 Resp: 20511
Ion Ratio Lower Upper
169 100
168 33.1 59.0 88.6#
167 8.2 30.6 46.0#





#70

Phenanthrene

Concen: 1.35 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

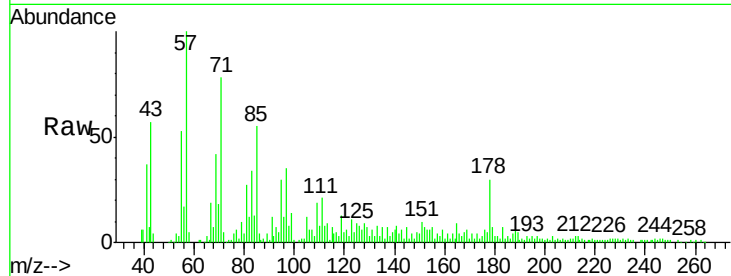
Tot Ion:178 Resp: 18486

Ion Ratio Lower Upper

178 100

179 24.9 12.9 19.3#

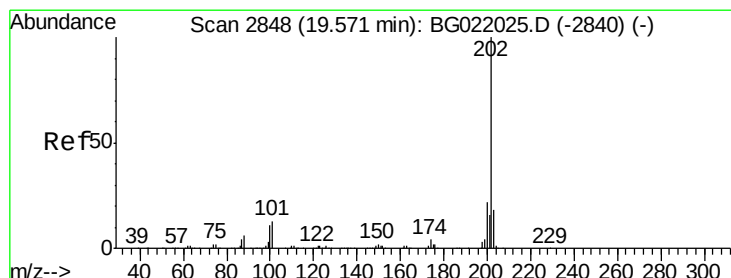
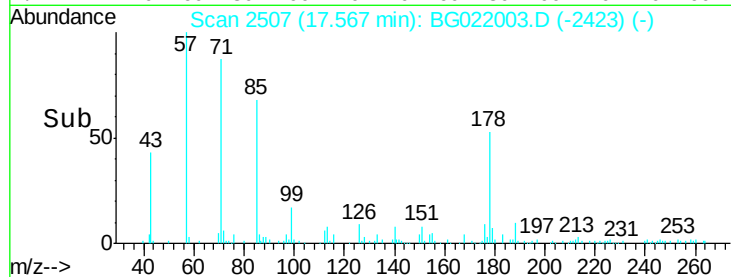
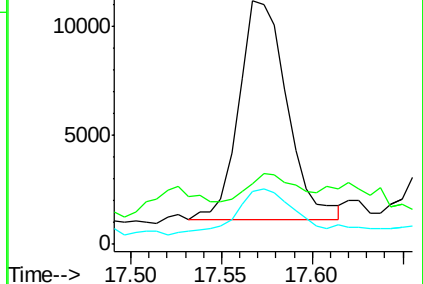
176 21.7 15.8 23.8



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



#75

Fluoranthene

Concen: 2.37 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

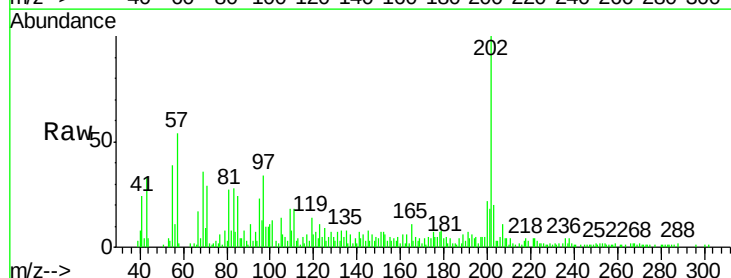
Tgt Ion:202 Resp: 33126

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

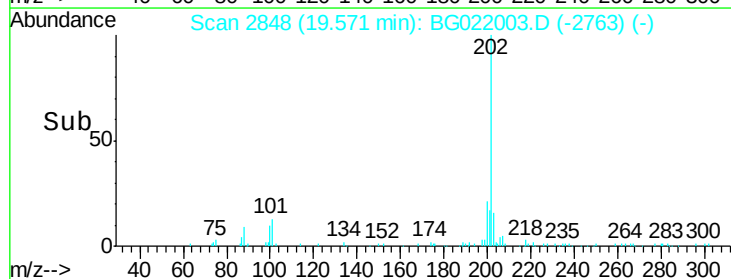
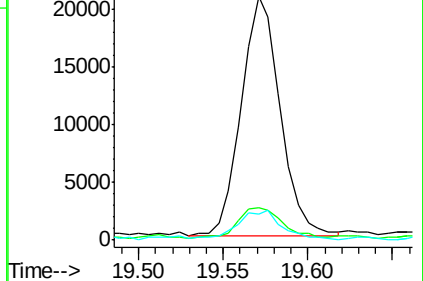
100 10.9 8.7 13.1

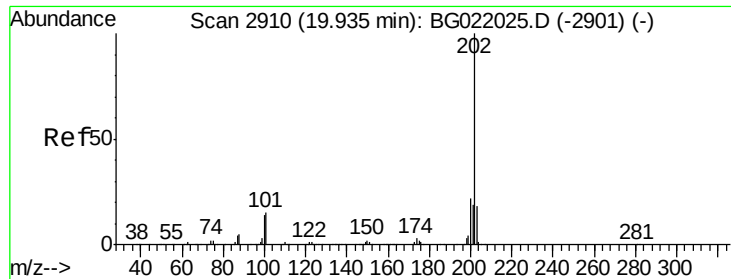


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#78

Pvrene

Concen: 2.30 ng/ul

RT: 19.93 min Scan# 2910

Delta R.T. -0.00 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

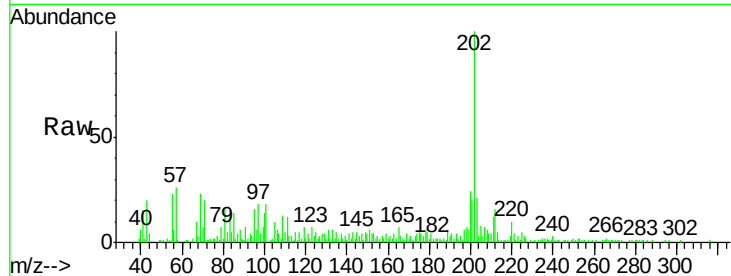
Tot Ion:202 Resp: 39922

Ion Ratio Lower Upper

202 100

101 18.4 12.5 18.7

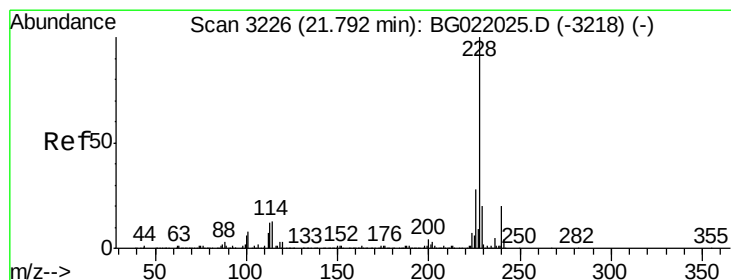
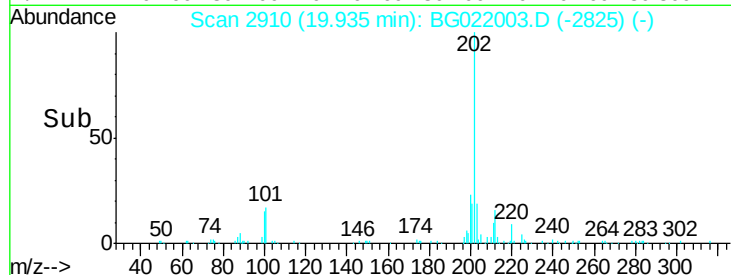
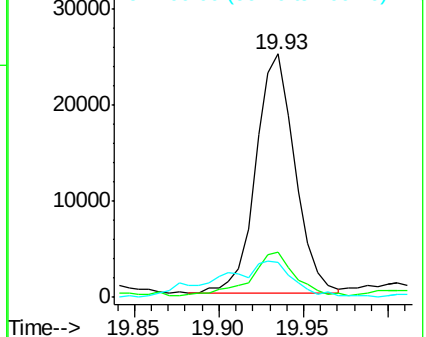
100 14.4 10.2 15.4



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



#81

Benzo(a)anthracene

Concen: 1.72 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.07 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

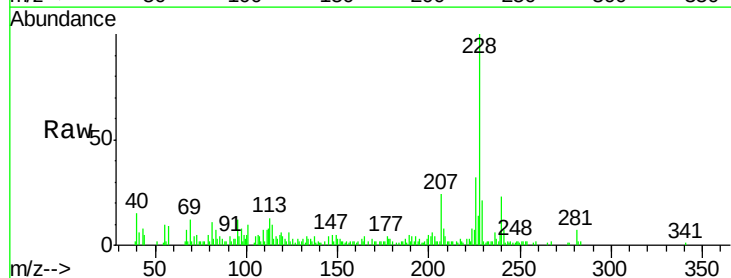
Tgt Ion:228 Resp: 24945

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.2

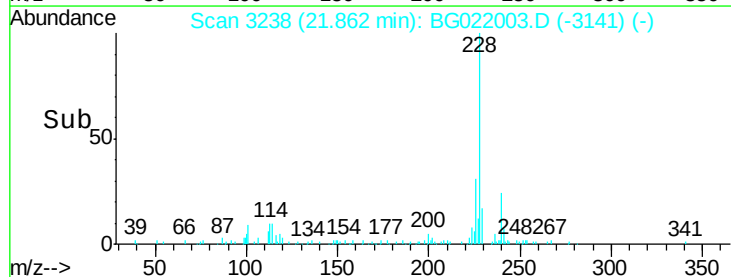
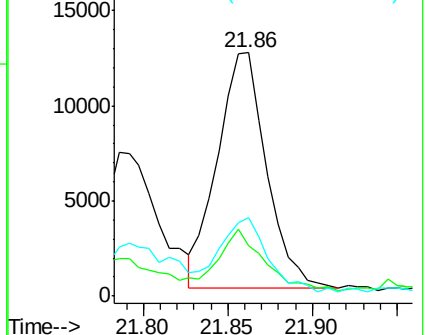
226 32.3 22.8 34.2

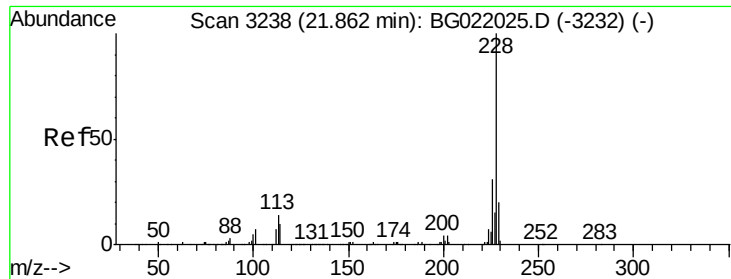


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

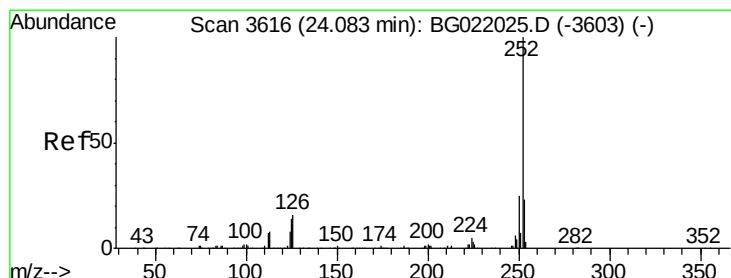
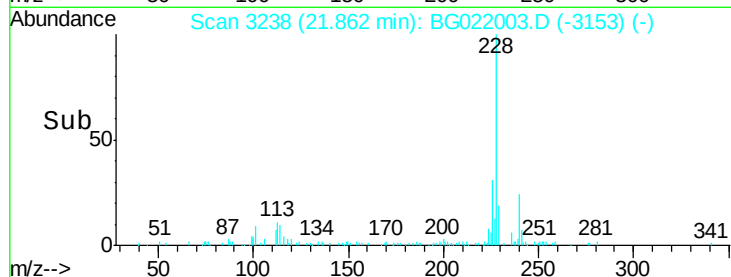
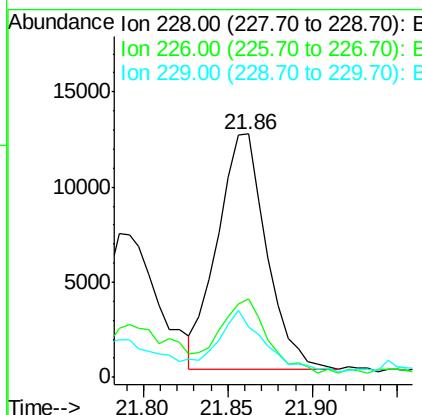
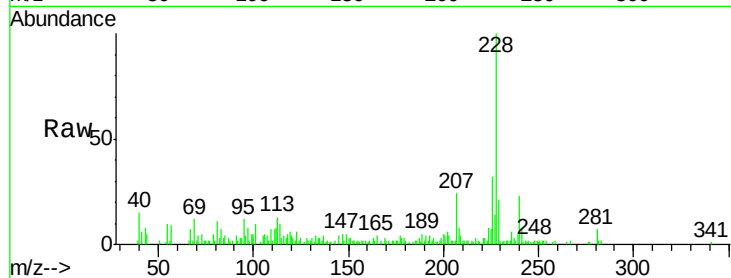




#83
 Chrysene
 Concen: 1.78 ng/ul
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG022003.D
 Acq: 22 May 2016 8:40

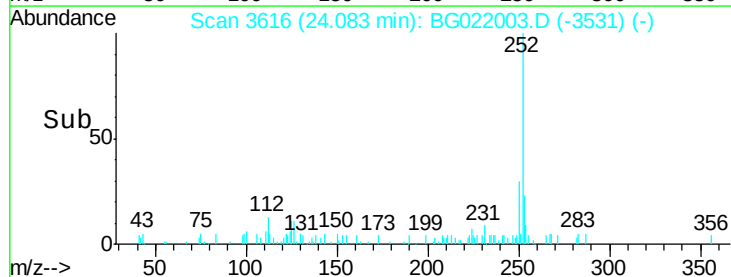
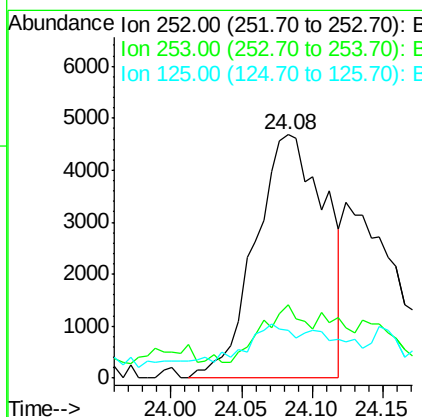
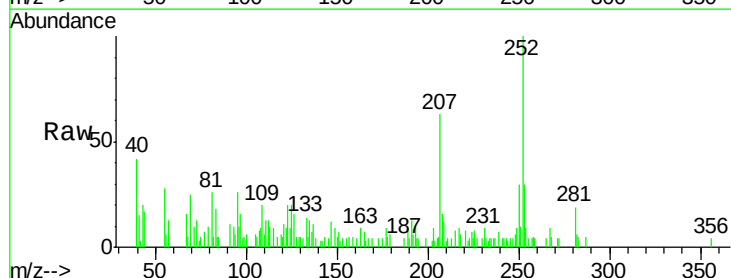
Instrument :
 BNA_G
 ClientSampleId :

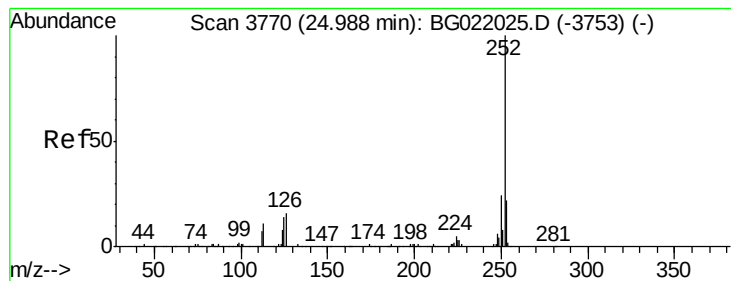
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.2	36.4
229	20.6	15.0	22.6



#86
 Benzo(b)fluoranthene
 Concen: 1.19 ng/ul
 RT: 24.08 min Scan# 3616
 Delta R.T. -0.00 min
 Lab File: BG022003.D
 Acq: 22 May 2016 8:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	18.2	27.2#
125	19.7	10.8	16.2#





#89

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

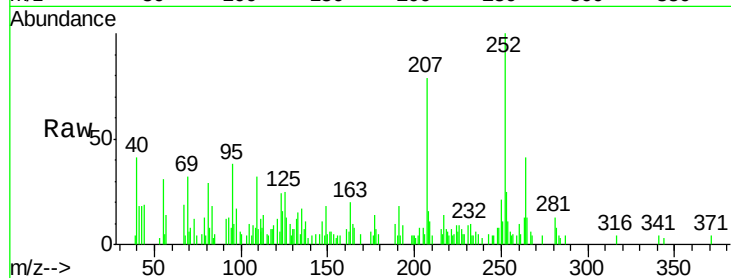
Tot Ion:252 Resp: 15838

Ion Ratio Lower Upper

252 100

253 24.8 19.0 28.4

125 25.2 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

