

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 :
 JHGF2

Quant Time: May 23 18:34:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 17:16:55 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
35) Acenaphthene-d10	14.79	164	126831	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	246713	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	246756	20.00	ng/ul	0.00
83) 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	17.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	65710	18.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	185790	19.50	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	261105	19.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	15771	9.61	ng/ul	0.00
57) Fluorene-d10	15.78	176	168539	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	18627	14.44	ng/ul	0.00
70) Anthracene-d10	17.63	188	237071	20.02	ng/ul	0.00
76) Pyrene-d10	19.91	212	249261	17.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	218345	20.21	ng/ul	0.00

Target Compounds

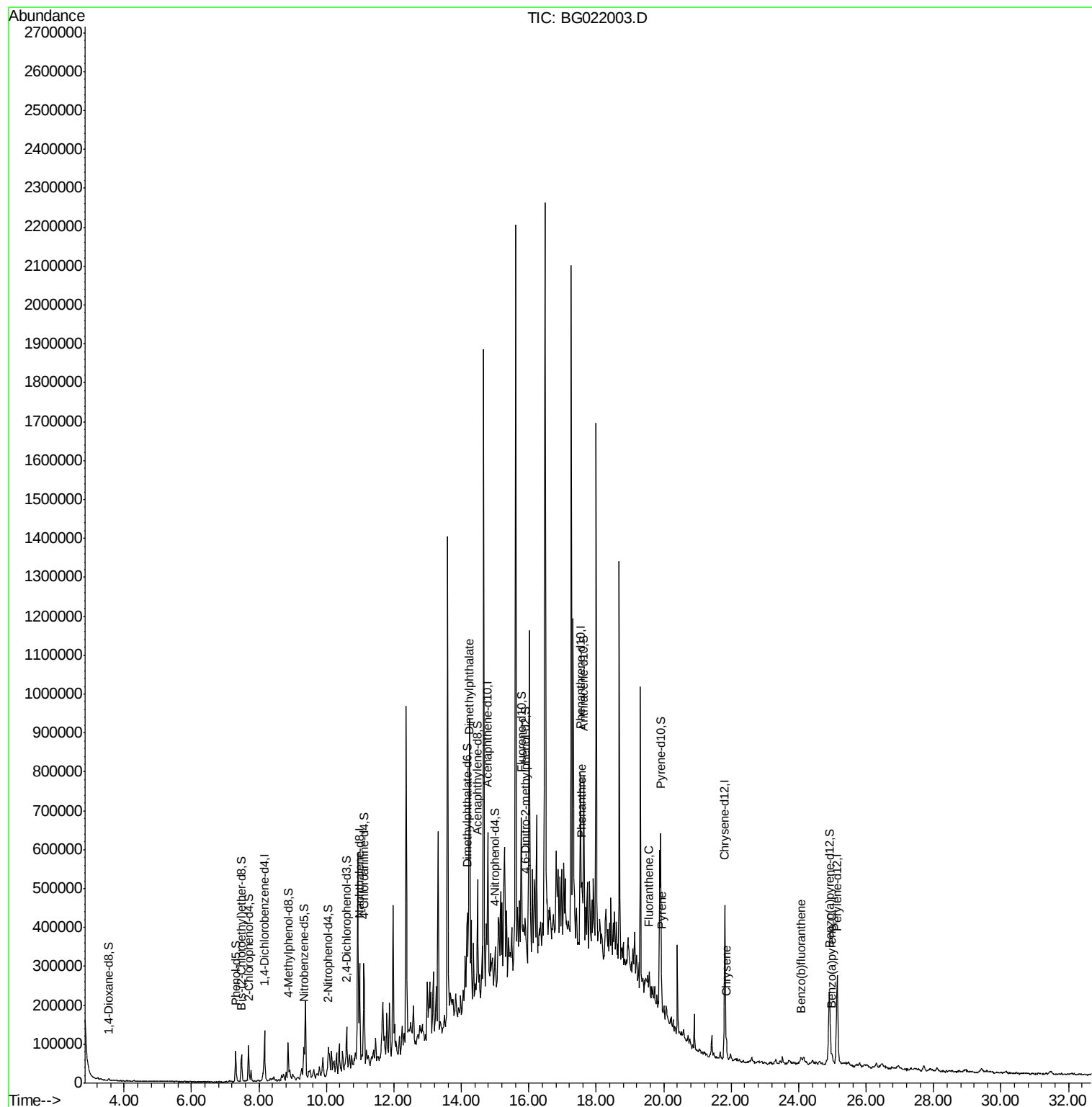
						Qvalue
44) Dimethylphthalate	14.23	163	33954	3.55	ng/ul#	96
69) Phenanthrene	17.57	178	18486	1.35	ng/ul#	88
74) Fluoranthene	19.57	202	33126	2.36	ng/ul	100
77) Pyrene	19.93	202	39922	2.30	ng/ul	95
82) Chrysene	21.86	228	24945	1.80	ng/ul	96
85) Benzo(b)fluoranthene	24.08	252	16184	1.19	ng/ul#	84
88) Benzo(a)pyrene	24.99	252	15838	1.20	ng/ul#	89

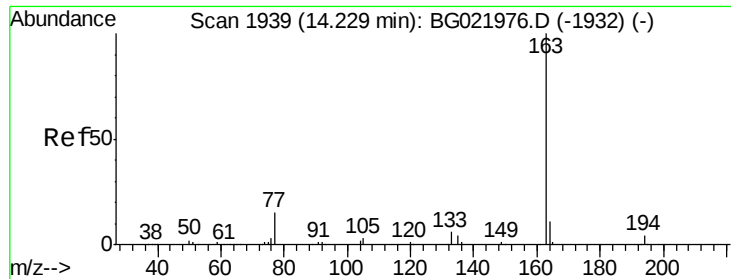
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

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

Instrument :

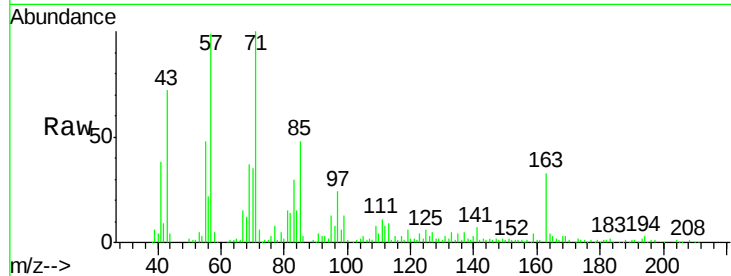
BNA_G

ClientSampleId :

JHGF2

Tgt Ion:163 Resp: 33954

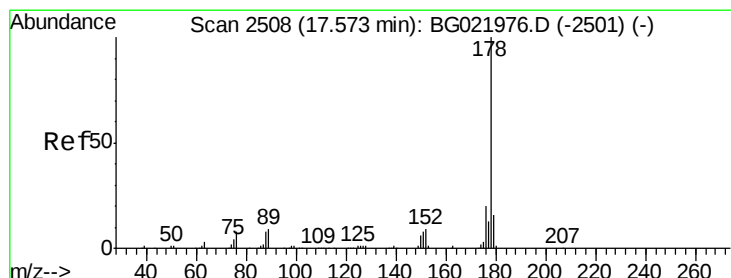
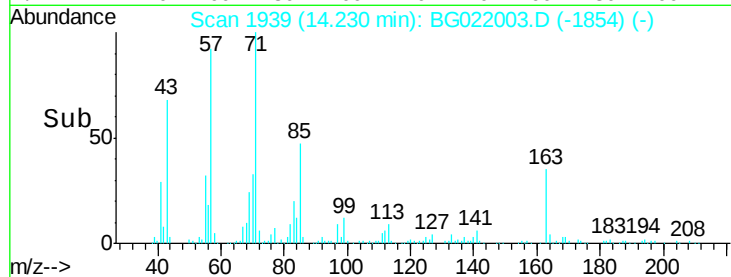
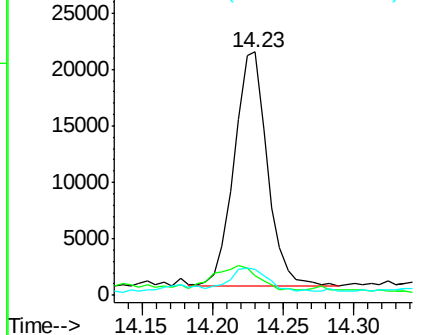
Ion	Ratio	Lower	Upper
163	100		
194	8.2	3.4	5.2#
164	10.9	8.8	13.2



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



#69

Phenanthrene

Concen: 1.35 ng/ul

RT: 17.57 min Scan# 2507

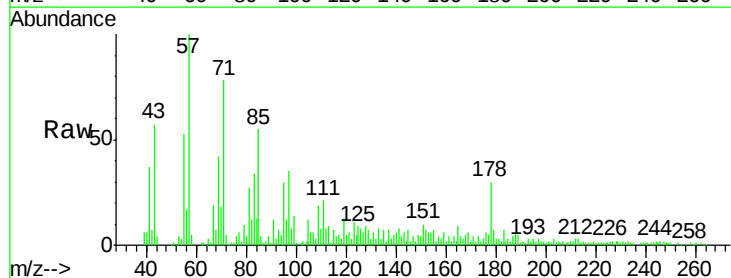
Delta R.T. -0.01 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Tgt Ion:178 Resp: 18486

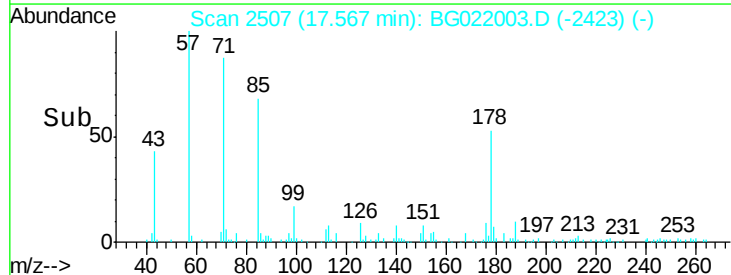
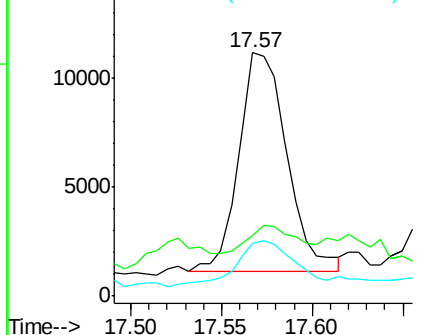
Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.9	19.3#
176	21.7	15.8	23.8

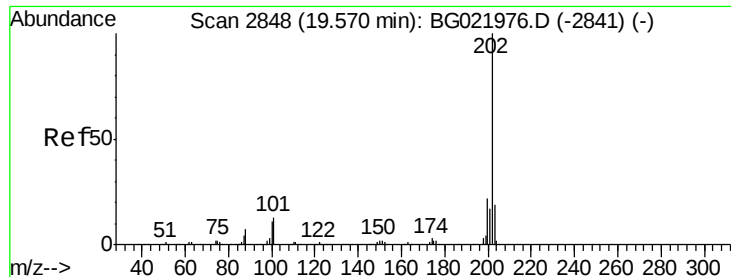


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.36 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG022003.D

Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

JHGF2

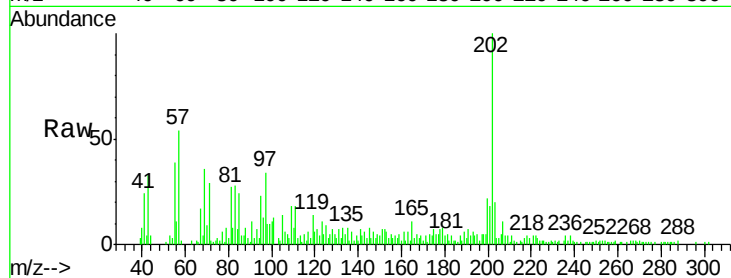
Tgt Ion:202 Resp: 33126

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

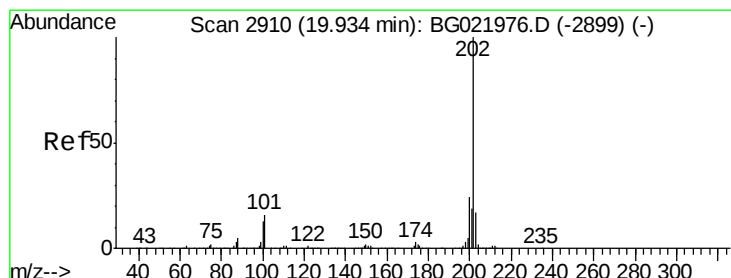
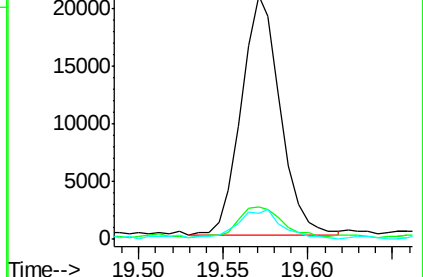
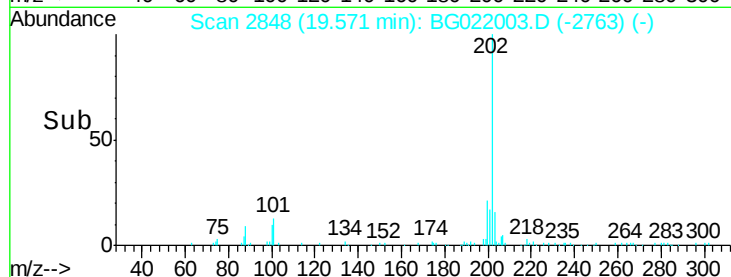
100 10.9 8.7 13.1



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): B



#77

Pyrene

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

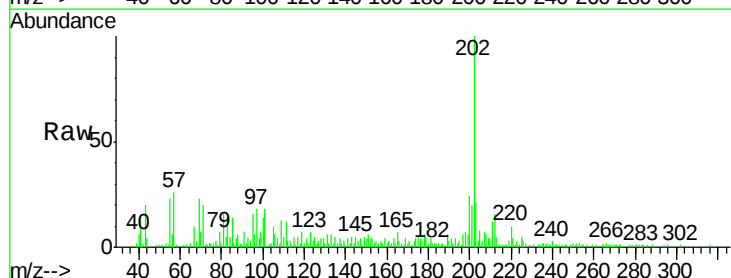
Tgt Ion:202 Resp: 39922

Ion Ratio Lower Upper

202 100

101 18.4 12.5 18.7

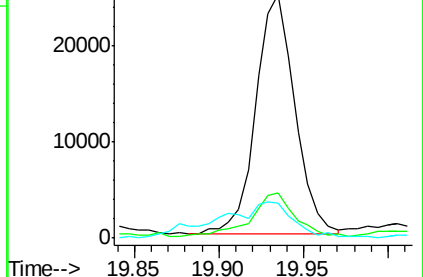
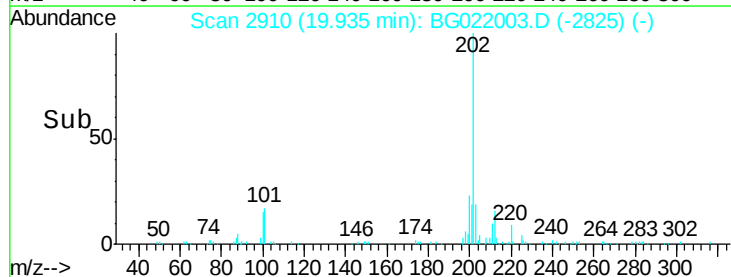
100 14.4 10.2 15.4

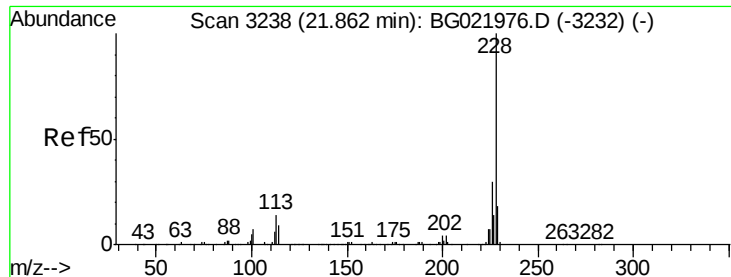


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

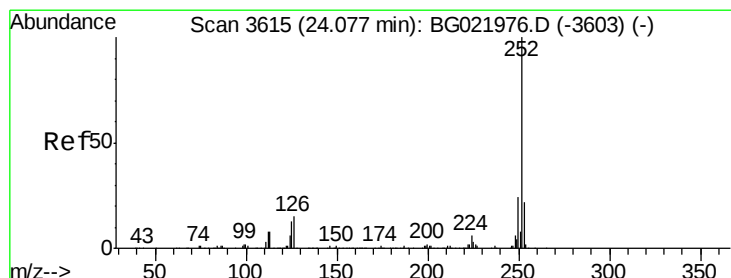
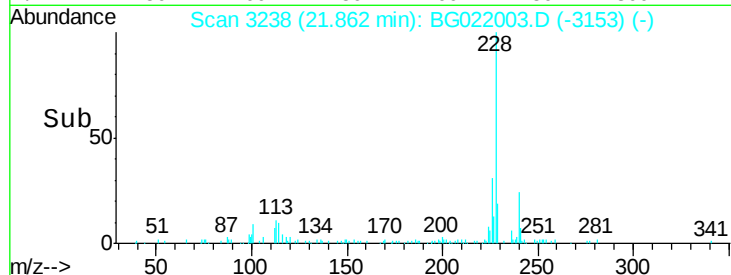
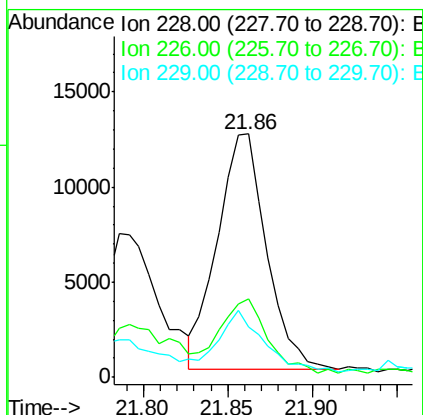
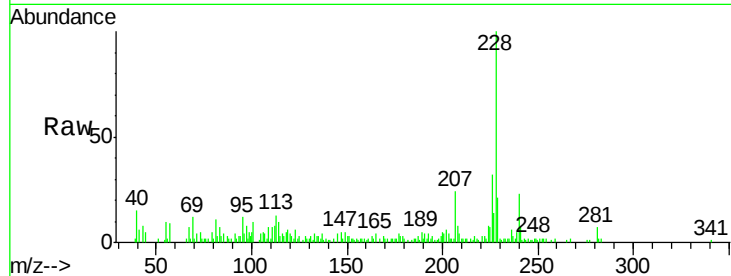




#82
Chrysene
Concen: 1.80 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022003.D
Acq: 22 May 2016 8:40

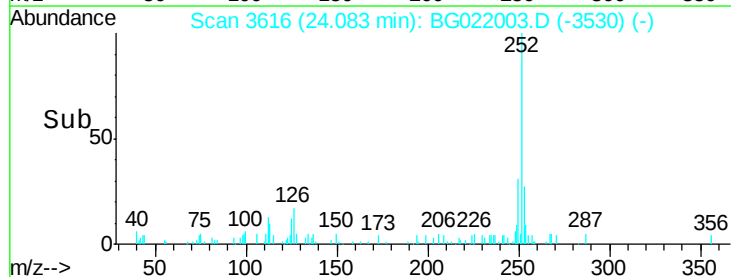
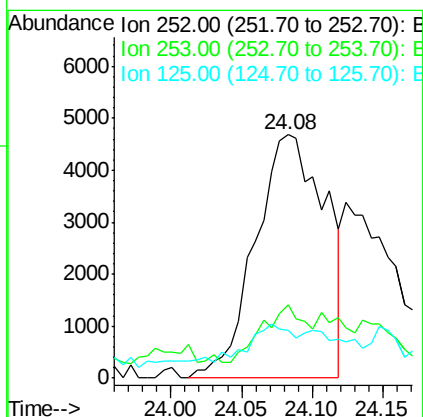
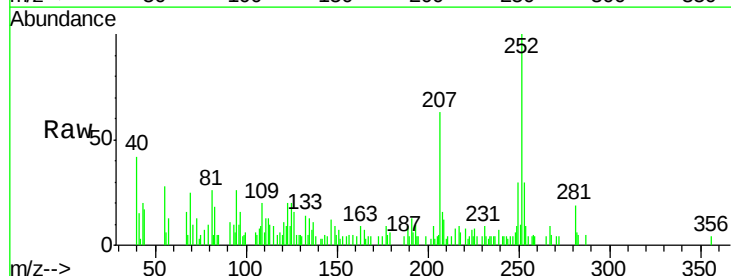
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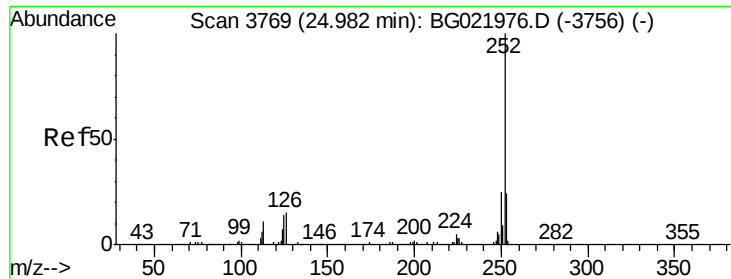
Tgt Ion: 228 Resp: 24945
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.4
229 20.6 15.0 22.6



#85
Benzo(b)fluoranthene
Concen: 1.19 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BG022003.D
Acq: 22 May 2016 8:40

Tgt Ion: 252 Resp: 16184
Ion Ratio Lower Upper
252 100
253 30.3 18.2 27.2#
125 19.7 10.8 16.2#





#88

Benzo(a)pyrene

Concen: 1.20 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. 0.01 min

Lab File: BG022003.D

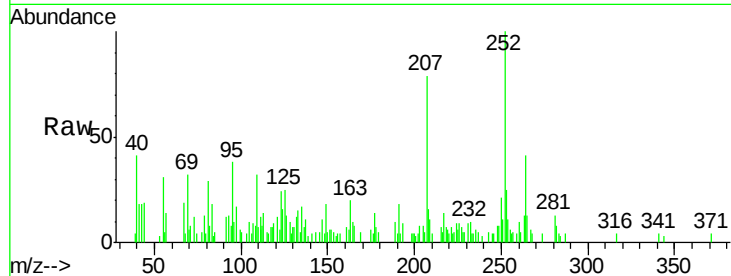
Acq: 22 May 2016 8:40

Instrument :

BNA_G

ClientSampleId :

JHGF2



Tgt Ion:	252	Resp:	15838
Ion Ratio	Lower	Upper	
252	100		
253	24.8	19.0	28.4
125	25.2	12.0	18.0#

