

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020319.D
 Acq On : 19 Dec 2015 19:47
 Operator : UM/SJ
 Sample : G4866-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L3

Quant Time: Dec 20 06:05:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	18758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	88395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	66131	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	164885	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	205018	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	193470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1888	5.56	ng/uL	0.00
5) Phenol-d5	7.24	99	48696	29.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	30546	30.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	39067	32.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	41510	29.34	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21283	30.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	25728	33.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	47307	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	58747	33.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	170387	31.85	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	195324	31.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24399	25.43	ng/ul	0.00
58) Fluorene-d10	15.71	176	153812	31.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	24028	24.58	ng/ul	0.00
71) Anthracene-d10	17.57	188	238325	31.37	ng/ul	0.00
79) Pyrene-d10	19.85	212	293576	30.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	329683	34.16	ng/ul	0.00

Target Compounds

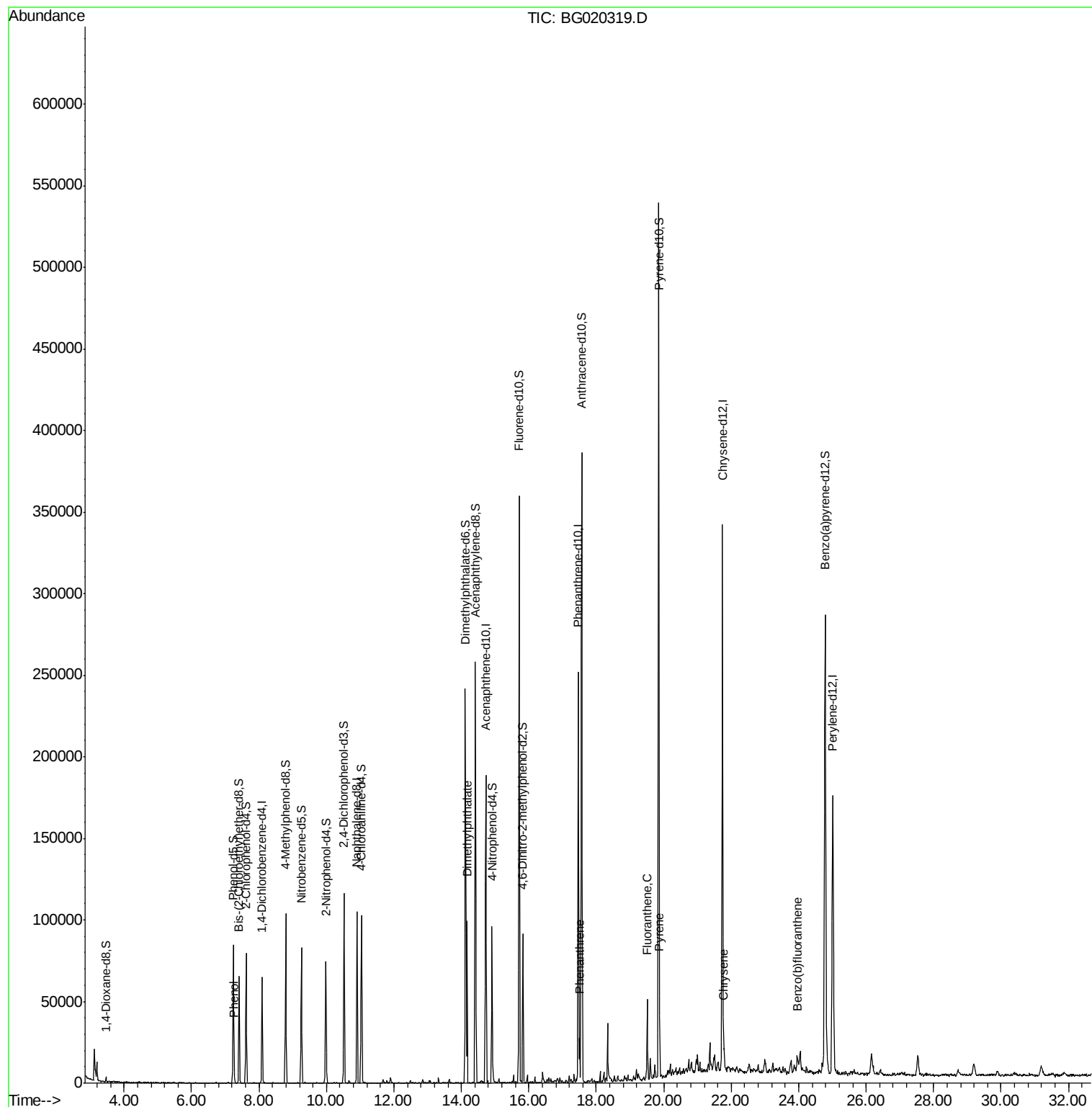
					Ovalue	
6) Phenol	7.27	94	2532	1.43	ng/ul#	88
45) Dimethylphthalate	14.17	163	63367	11.60	ng/ul	97
70) Phenanthrene	17.51	178	17956	1.99	ng/ul	99
77) Fluoranthene	19.51	202	29711	2.82	ng/ul	97
80) Pyrene	19.88	202	23856	1.92	ng/ul	98
85) Chrysene	21.79	228	12963	1.15	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	14814	1.27	ng/ul#	90

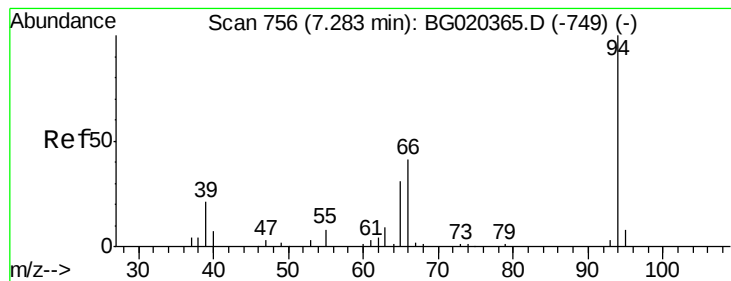
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020319.D
Acq On : 19 Dec 2015 19:47
Operator : UM/SJ
Sample : G4866-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43L3

Quant Time: Dec 20 06:05:15 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.43 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

E43L3

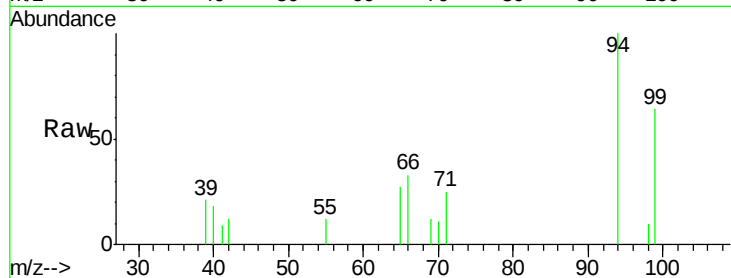
Tot Ion: 94 Resp: 2532

Ion Ratio Lower Upper

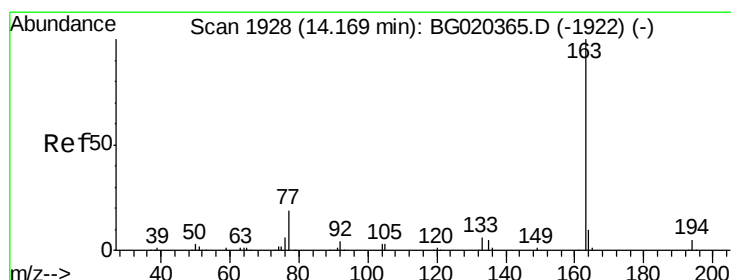
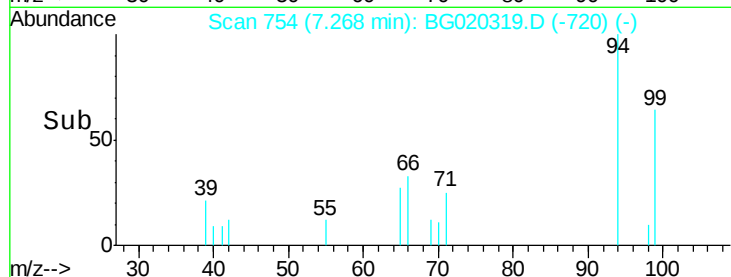
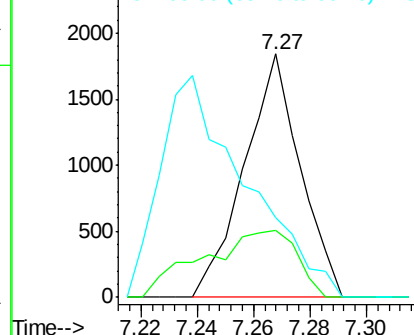
94 100

65 27.3 26.3 39.5

66 32.9 33.3 49.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 11.60 ng/ul

RT: 14.17 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

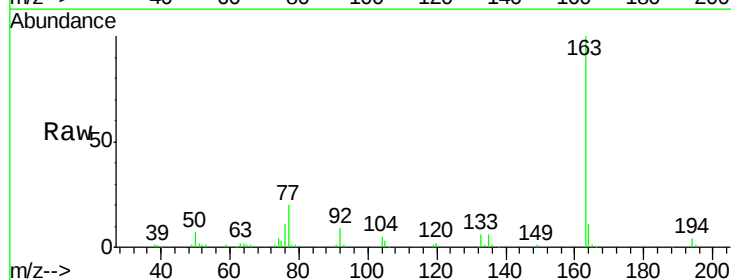
Tgt Ion:163 Resp: 63367

Ion Ratio Lower Upper

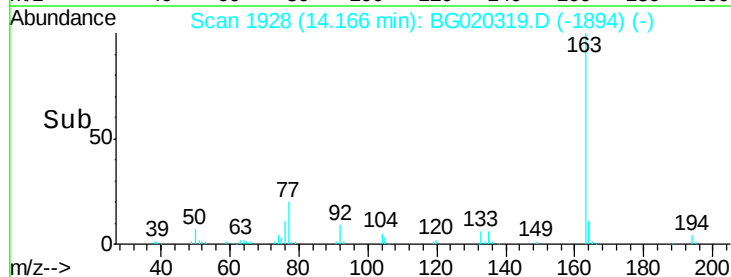
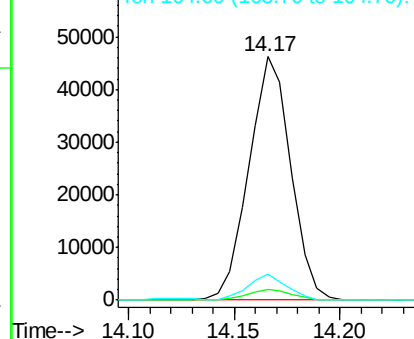
163 100

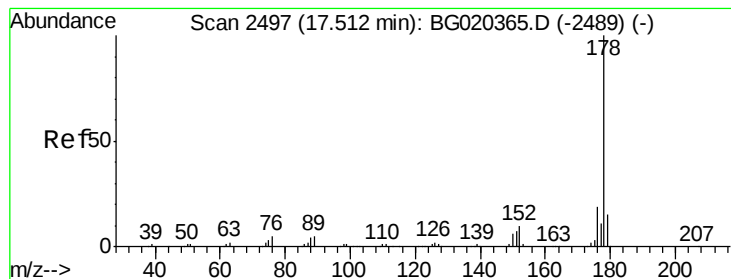
194 4.1 3.5 5.3

164 10.9 7.7 11.5



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





#70

Phenanthrene

Concen: 1.99 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

E43L3

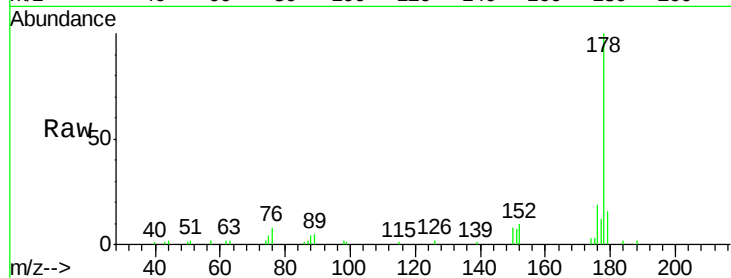
Tot Ion:178 Resp: 17956

Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

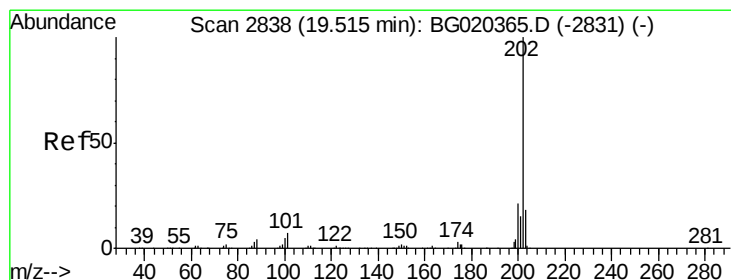
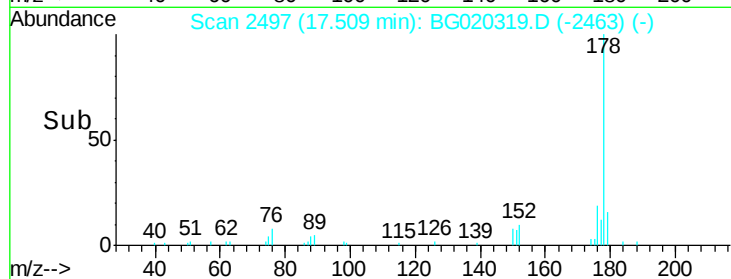
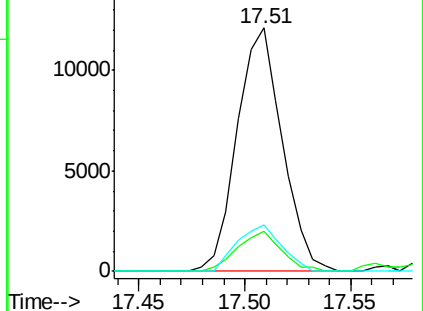
176 18.9 15.3 22.9



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



#77

Fluoranthene

Concen: 2.82 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

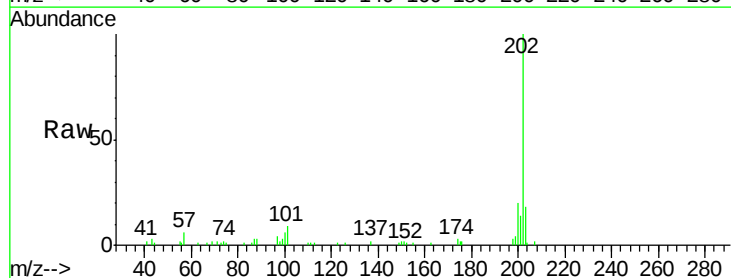
Tgt Ion:202 Resp: 29711

Ion Ratio Lower Upper

202 100

101 8.7 6.2 9.4

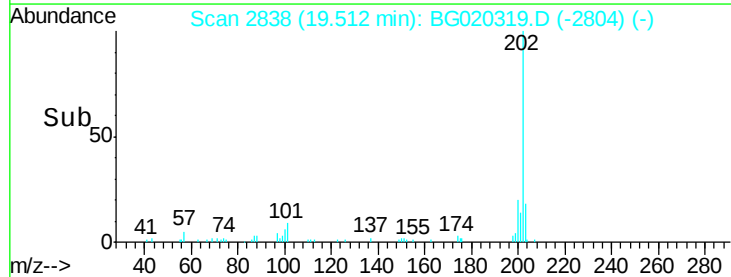
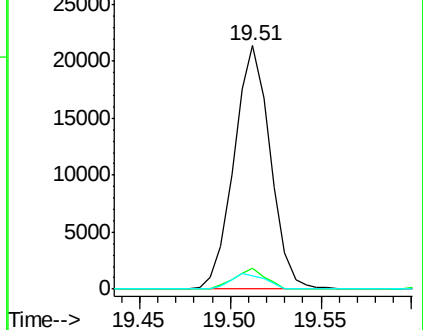
100 5.6 5.1 7.7

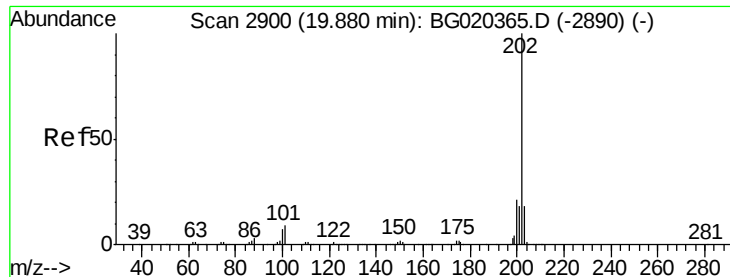


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.92 ng/ul

RT: 19.88 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

E43L3

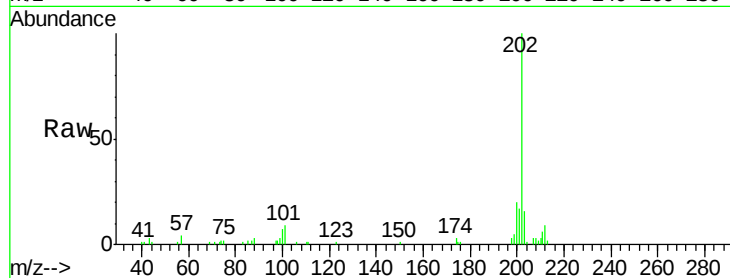
Tot Ion:202 Resp: 23856

Ion Ratio Lower Upper

202 100

101 9.2 7.0 10.4

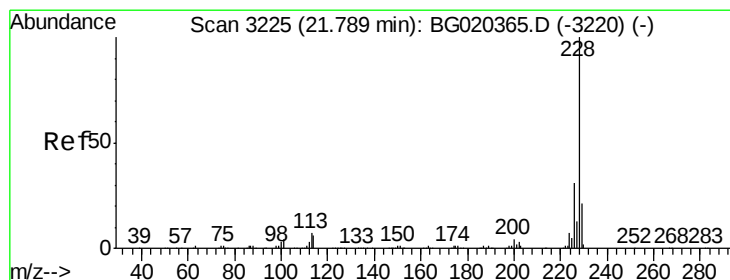
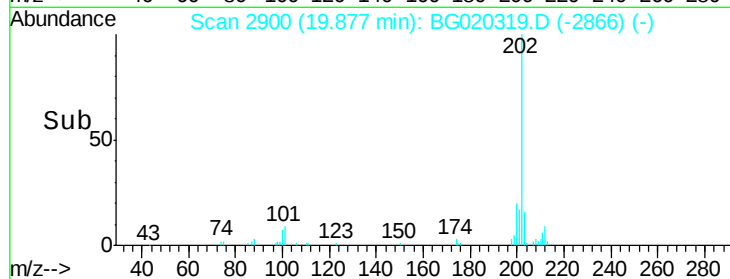
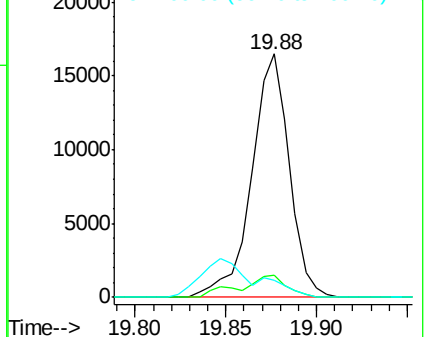
100 6.8 6.4 9.6



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



#85

Chrysene

Concen: 1.15 ng/ul

RT: 21.79 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

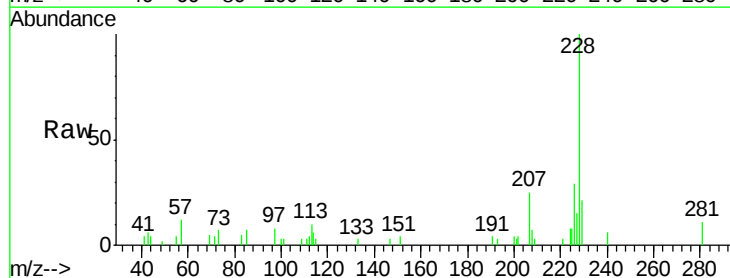
Tgt Ion:228 Resp: 12963

Ion Ratio Lower Upper

228 100

226 28.9 23.9 35.9

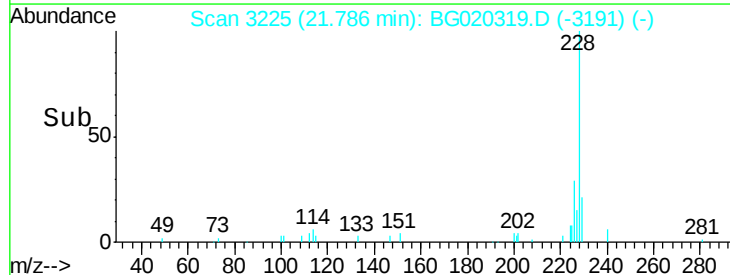
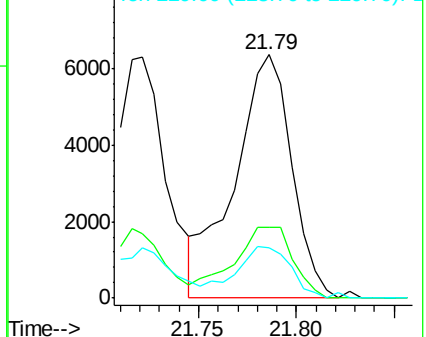
229 20.9 15.6 23.4

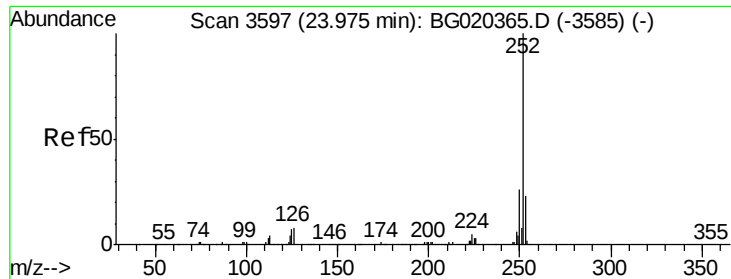


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.27 ng/ul

RT: 23.96 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BG020319.D

Acq: 19 Dec 2015 19:47

Instrument :

BNA_G

ClientSampleId :

E43L3

Tot Ion:252 Resp: 14814

Ion Ratio Lower Upper

252 100

253 25.8 16.7 25.1#

125 4.6 6.2 9.2#

