

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100515\
 Data File : BG019043.D
 Acq On : 6 Oct 2015 1:16
 Operator : UM/NP
 Sample : G3865-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY9

Quant Time: Oct 06 09:11:45 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 04:27:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50235	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	227735	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	145947	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	315860	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	350587	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	345873	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3711	3.34	ng/uL	0.00
5) Phenol-d5	7.21	99	91740	21.19	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.38	67	68293	24.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	78422	24.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	64520	18.96	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	42178	24.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	48289	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	88740	25.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	103637	23.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	283887	24.67	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	347645	24.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	42820	18.42	ng/ul	0.02
58) Fluorene-d10	15.67	176	249816	23.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	33049	19.29	ng/ul	0.00
71) Anthracene-d10	17.52	188	373377	25.10	ng/ul	0.00
79) Pyrene-d10	19.80	212	395641	24.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	439238	24.82	ng/ul	0.02

Target Compounds

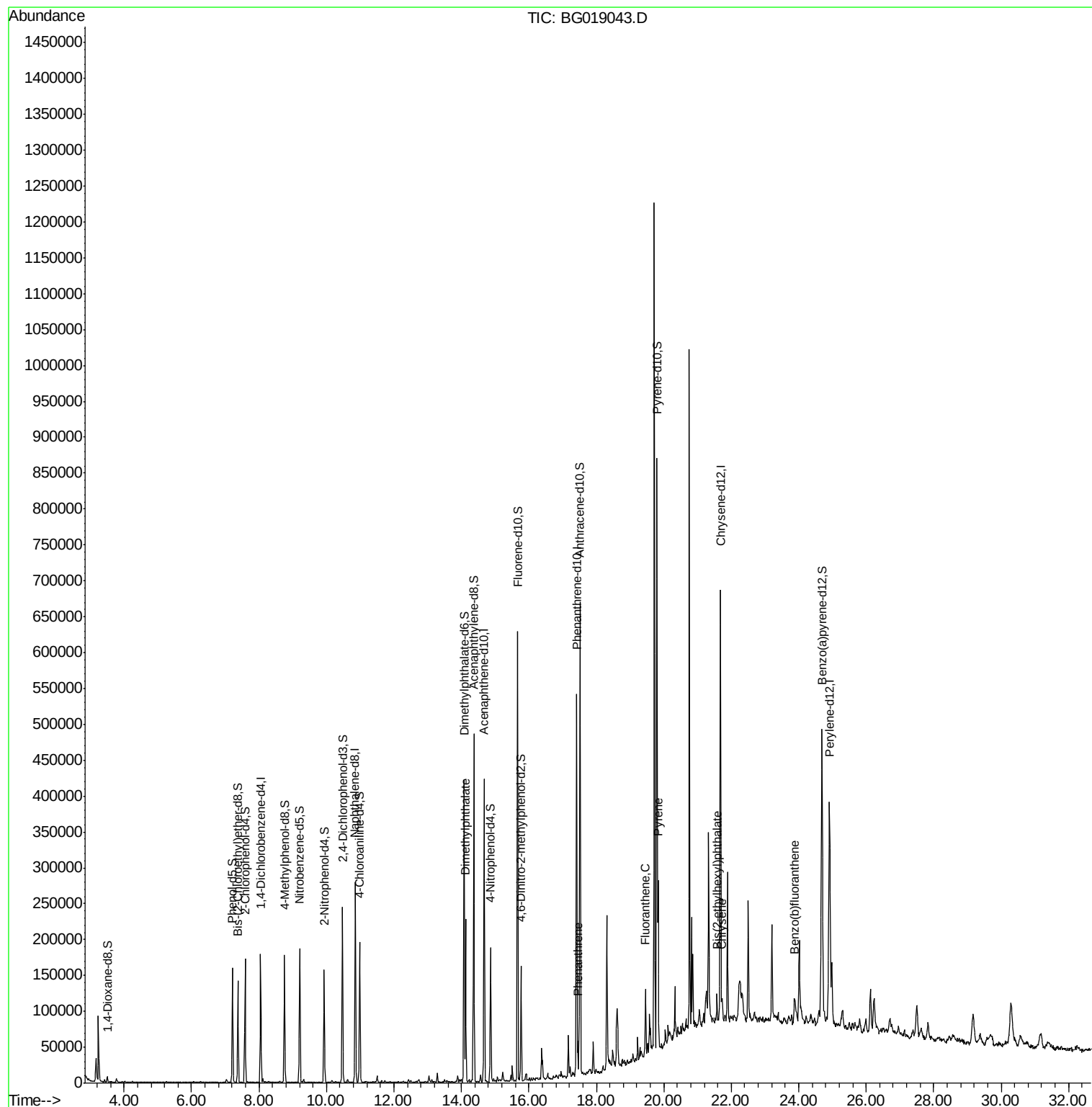
						Ovalue
45) Dimethylphthalate	14.13	163	142391	12.12	ng/ul	99
70) Phenanthrene	17.46	178	27887	1.57	ng/ul	98
77) Fluoranthene	19.46	202	51302	2.48	ng/ul	98
80) Pyrene	19.83	202	39601	1.88	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	14545	1.25	ng/ul#	93
85) Chrysene	21.72	228	23335	1.22	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	30168	1.48	ng/ul#	90

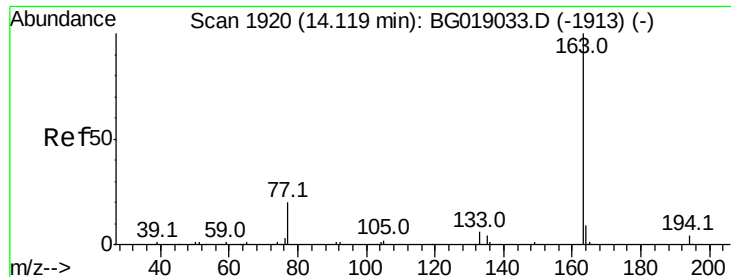
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 12.12 ng/ul

RT: 14.13 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

Instrument :

BNA_G

ClientSampleId :

E5MY9

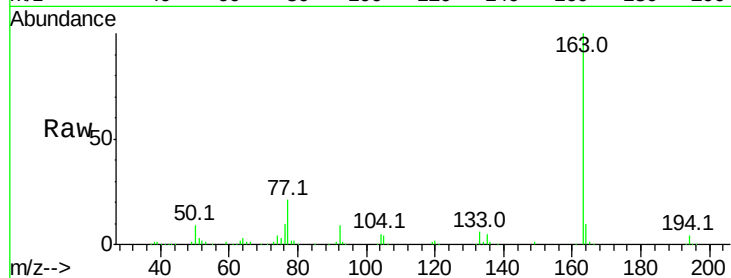
Tot Ion:163 Resp: 142391

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

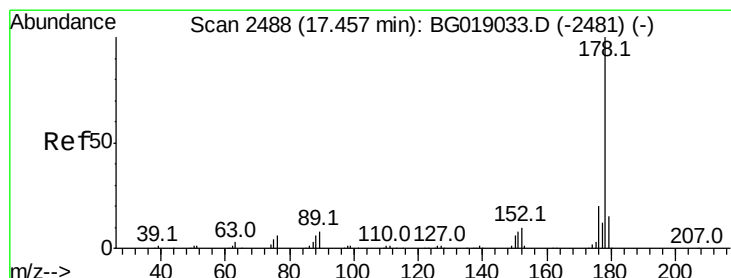
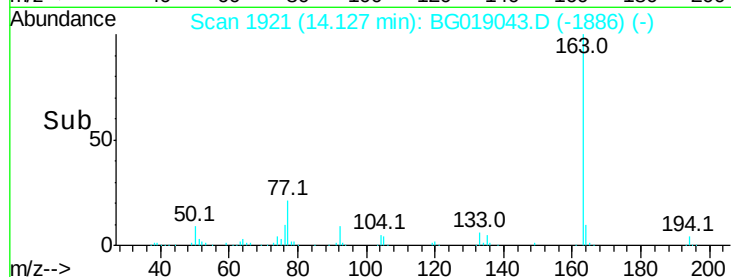
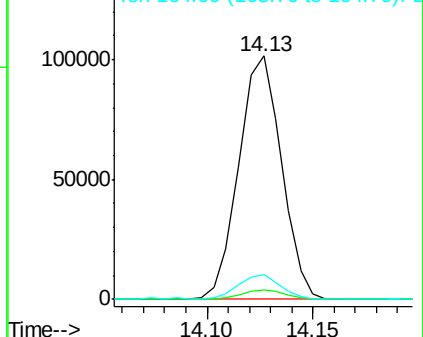
164 10.4 8.1 12.1



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: 1.57 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

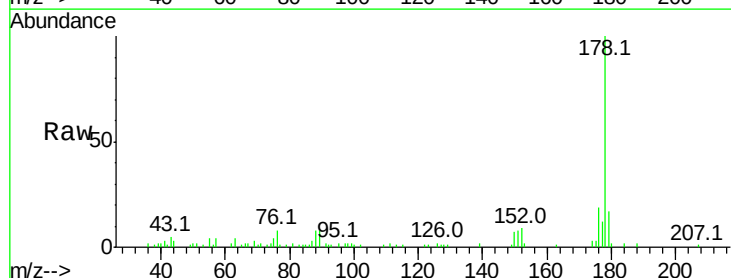
Tgt Ion:178 Resp: 27887

Ion Ratio Lower Upper

178 100

179 16.8 12.5 18.7

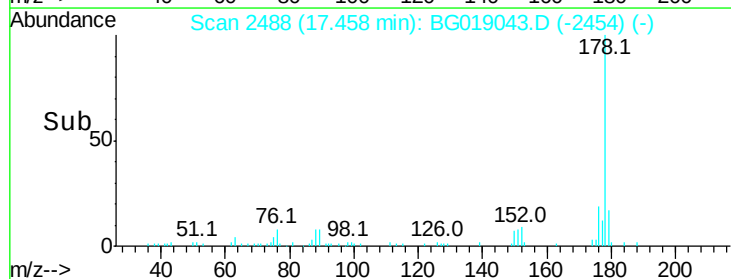
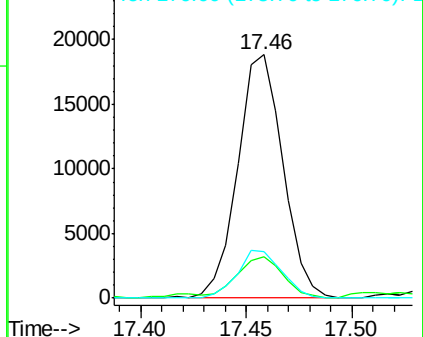
176 18.9 15.4 23.0

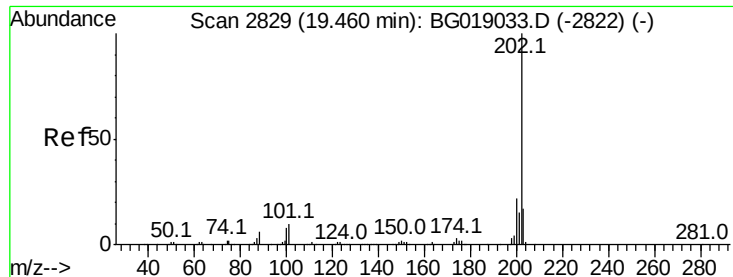


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 2.48 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

Instrument :

BNA_G

ClientSampleId :

E5MY9

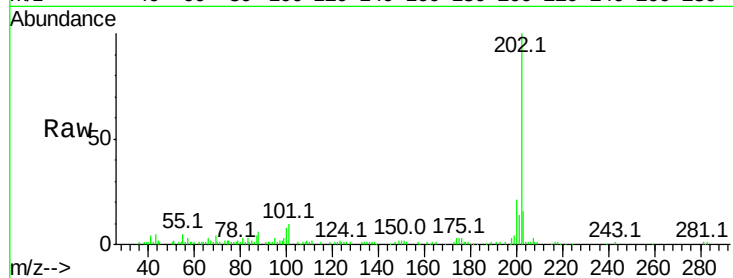
Tot Ion:202 Resp: 51302

Ion Ratio Lower Upper

202 100

101 9.8 9.0 13.4

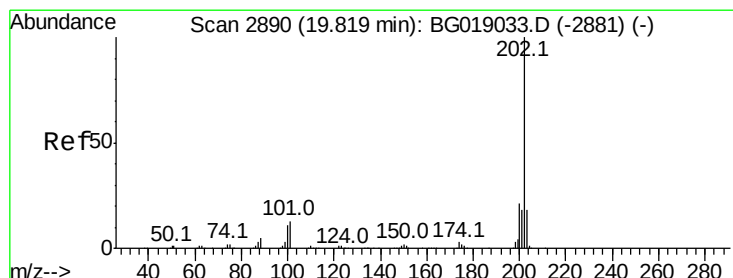
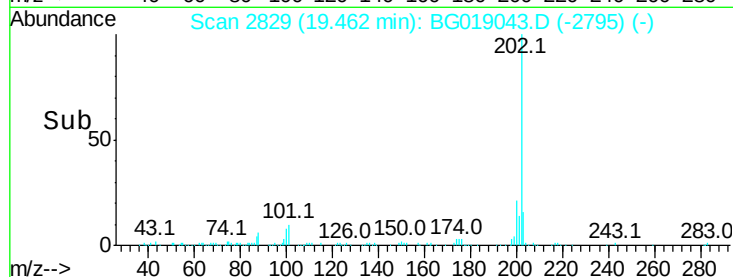
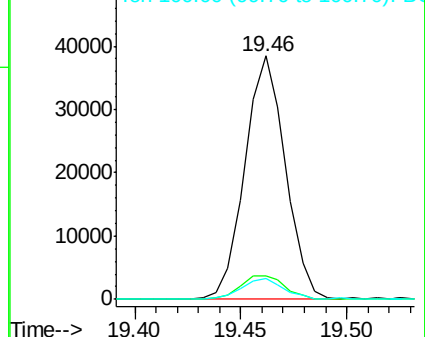
100 8.4 6.9 10.3



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

Pyrene

Concen: 1.88 ng/ul

RT: 19.83 min Scan# 2891

Delta R.T. 0.01 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

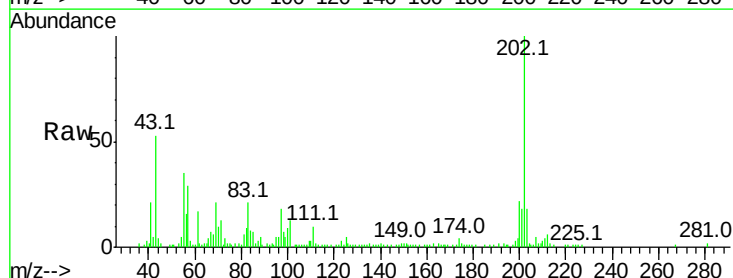
Tgt Ion:202 Resp: 39601

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

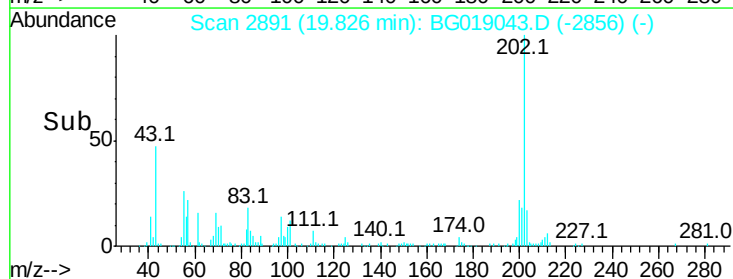
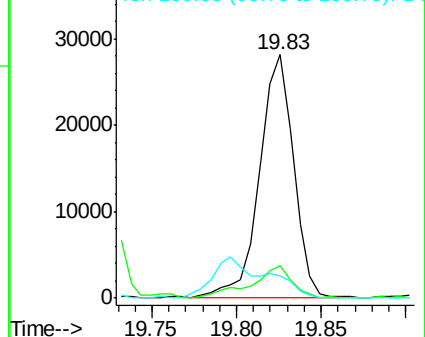
100 9.4 8.5 12.7

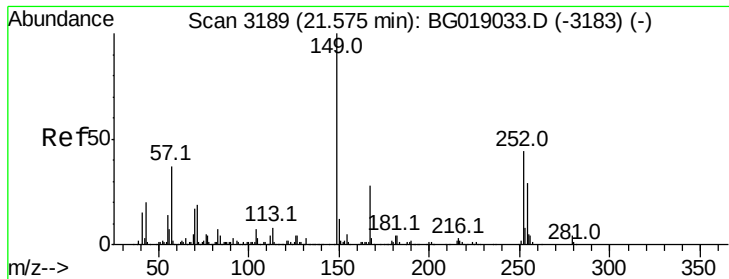


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.25 ng/ul

RT: 21.58 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

Instrument :

BNA_G

ClientSampleId :

E5MY9

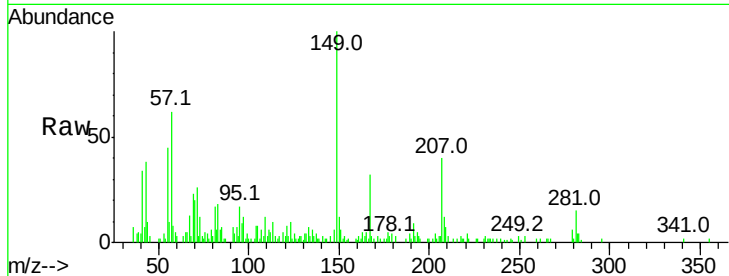
Tot Ion:149 Resp: 14545

Ion Ratio Lower Upper

149 100

167 32.2 22.8 34.2

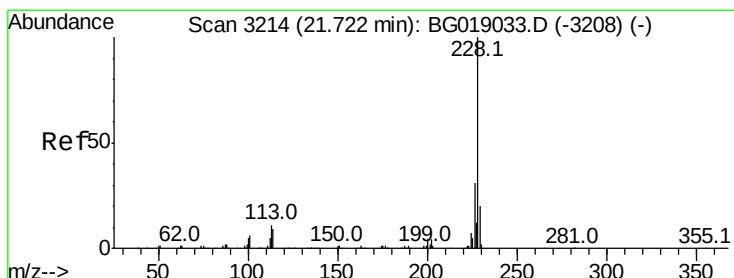
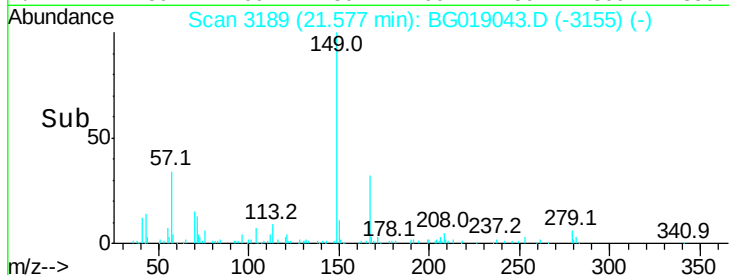
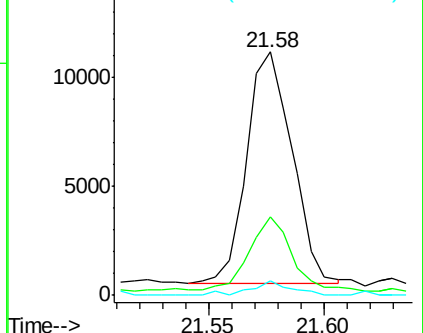
279 5.9 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.22 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

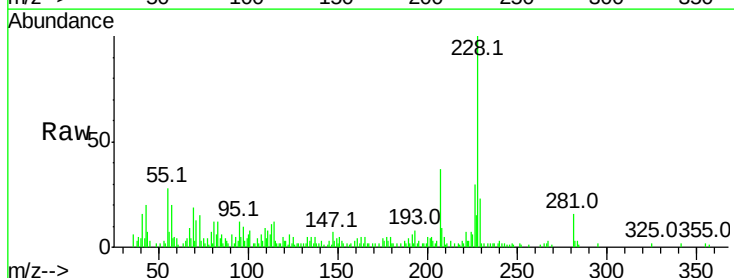
Tgt Ion:228 Resp: 23335

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

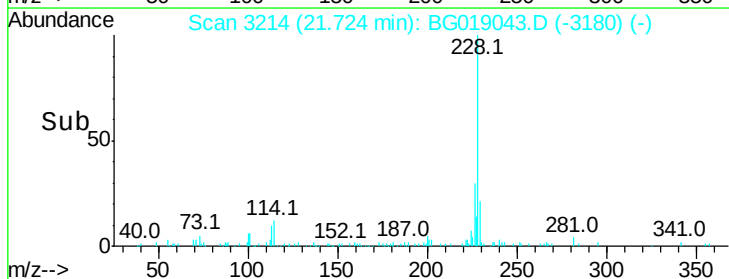
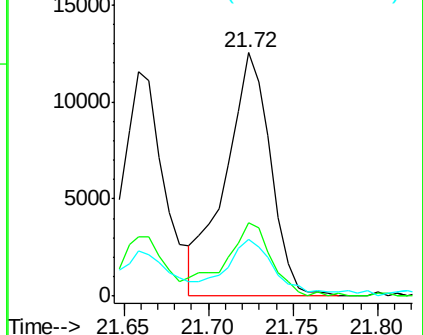
229 23.2 15.6 23.4

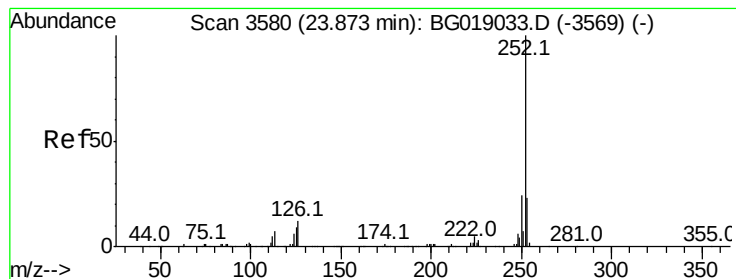


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.48 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG019043.D

Acq: 6 Oct 2015 1:16

Instrument :

BNA_G

ClientSampleId :

E5MY9

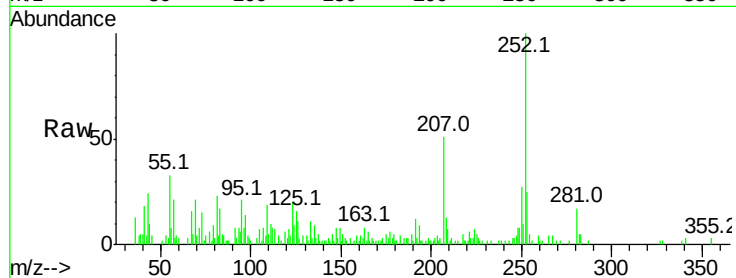
Tot Ion:252 Resp: 30168

Ion Ratio Lower Upper

252 100

253 25.4 17.4 26.2

125 15.9 8.1 12.1#



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

