

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018134.D
 Acq On : 28 Jul 2015 3:47
 Operator : TP/UM
 Sample : G3030-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01M8

Quant Time: Jul 28 04:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 02:39:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	30202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	145845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	96863	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	185860	20.00	ng/ul	0.10
78) Chrysene-d12	21.14	240	236213	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	231175	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	1812	3.75	ng/uL	0.00
5) Phenol-d5	6.69	99	42662	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	21820	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	41478	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	38649	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	22560	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	23735	19.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	41151	19.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	53077	21.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	133487	19.63	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	165723	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	17015	11.89	ng/ul	0.00
58) Fluorene-d10	15.18	176	124656	19.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	11346	9.55	ng/ul	0.00
71) Anthracene-d10	17.03	188	185558	23.05	ng/ul	0.00
79) Pyrene-d10	19.34	212	207580	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	216490	19.62	ng/ul	0.00

Target Compounds

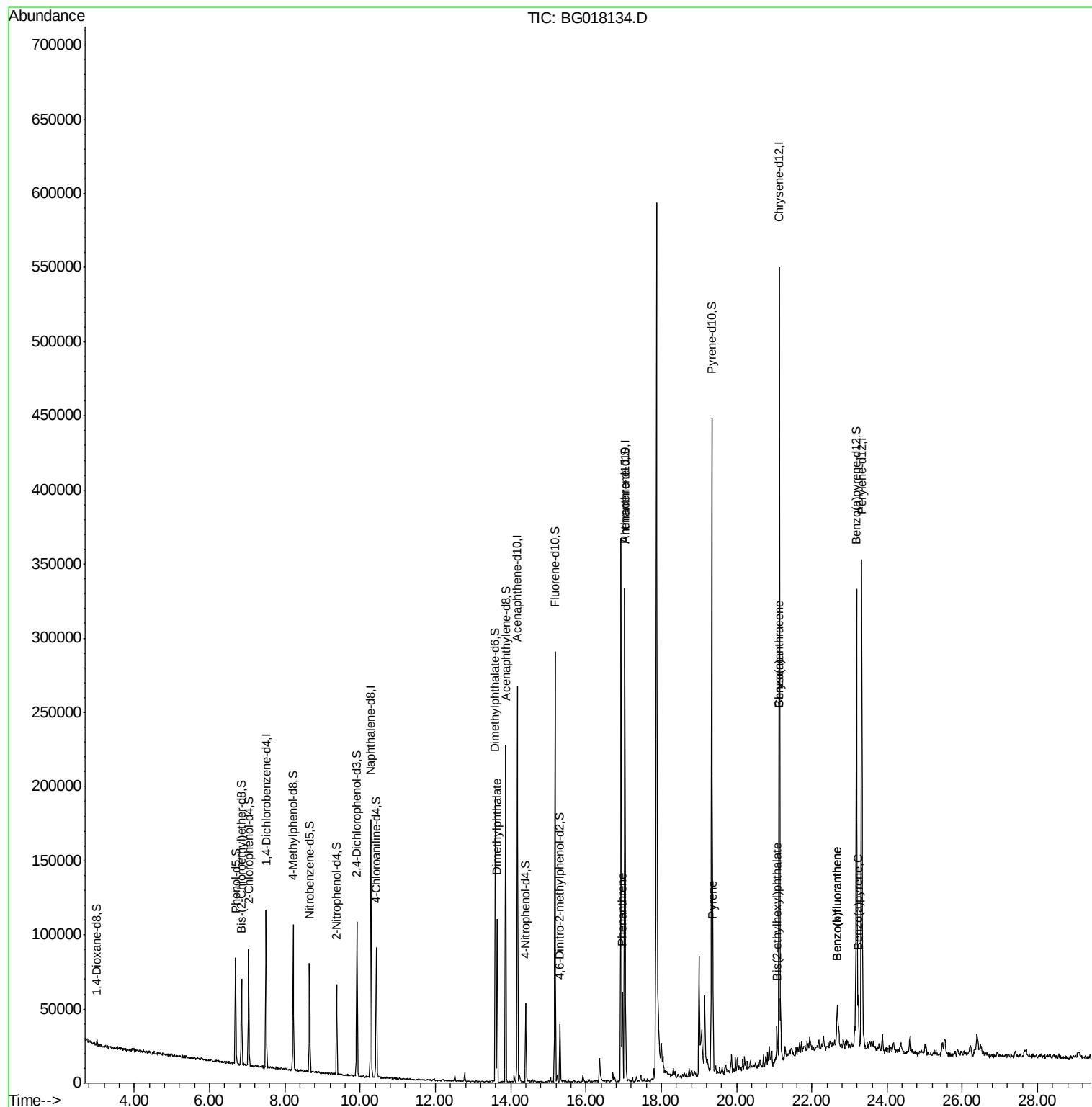
						Qvalue
45) Dimethylphthalate	13.64	163	69889	10.21	ng/ul	99
70) Phenanthrene	16.97	178	35164	3.77	ng/ul	95
80) Pyrene	19.37	202	43208	3.19	ng/ul	98
83) Benzo(a)anthracene	21.12	228	20191	1.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	12007	1.51	ng/ul	99
85) Chrysene	21.12	228	20627	1.75	ng/ul	94
88) Benzo(b)fluoranthene	22.67	252	21117	1.67	ng/ul	96
89) Benzo(k)fluoranthene	22.67	252	21117	1.72	ng/ul	97
91) Benzo(a)pyrene	23.23	252	16794	1.37	ng/ul	99

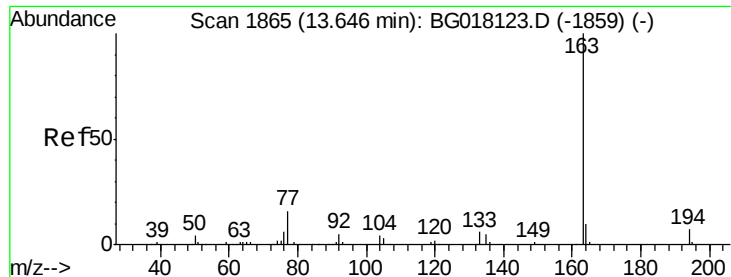
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018134.D
Acq On : 28 Jul 2015 3:47
Operator : TP/UM
Sample : G3030-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01M8

Quant Time: Jul 28 04:32:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 02:39:42 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.21 ng/ul

RT: 13.64 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

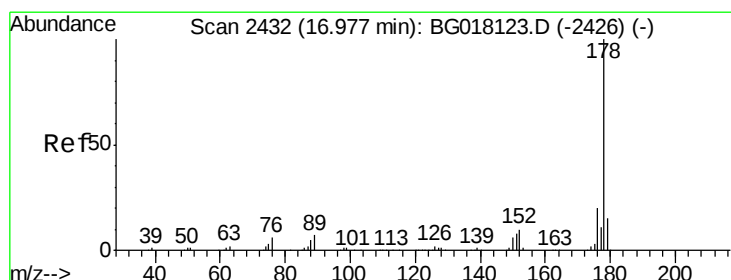
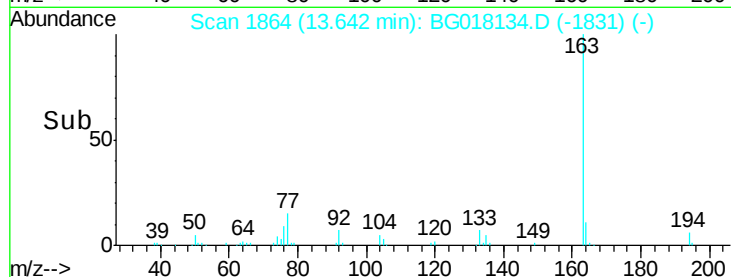
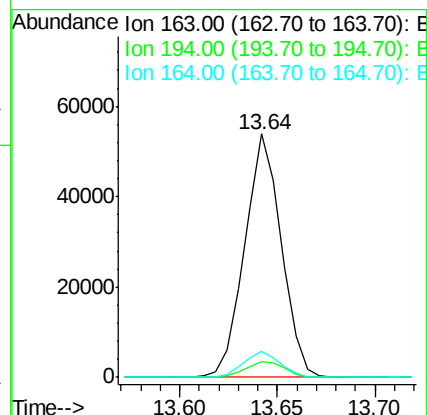
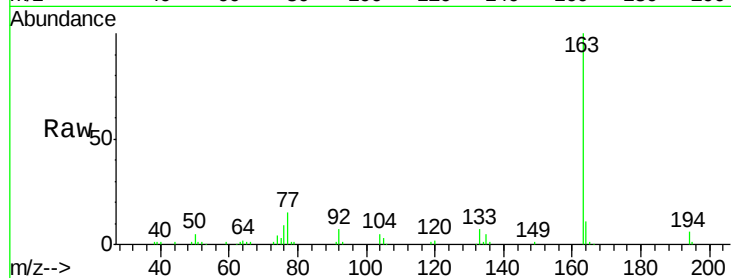
Instrument :

BNA_G

ClientSampleId :

C01M8

Tgt Ion:	163	Resp:	69889
Ion	Ratio	Lower	Upper
163	100		
194	6.4	5.4	8.2
164	10.8	8.7	13.1



#70

Phenanthrene

Concen: 3.77 ng/ul

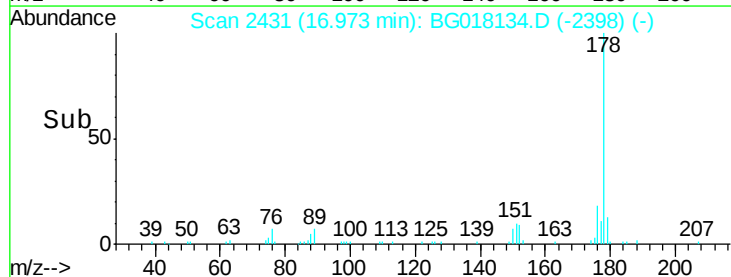
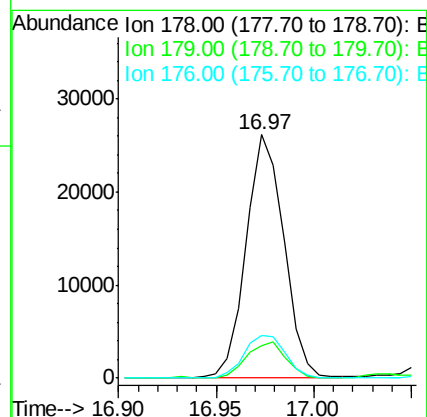
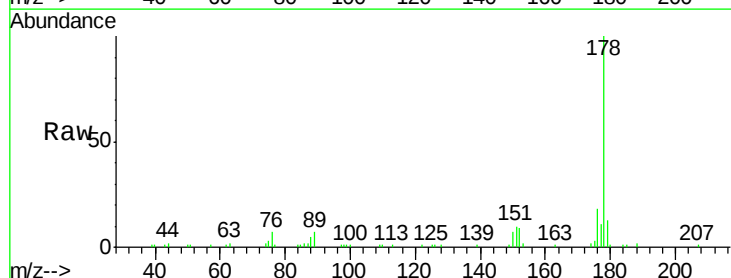
RT: 16.97 min Scan# 2431

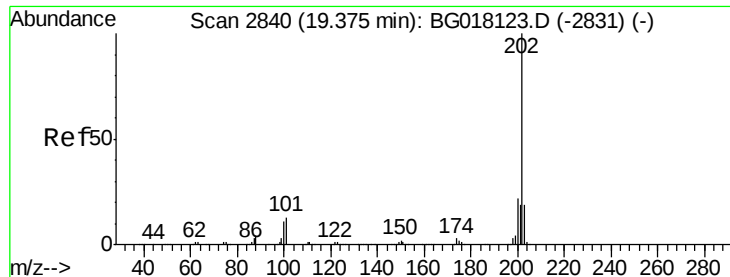
Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Tgt Ion:	178	Resp:	35164
Ion	Ratio	Lower	Upper
178	100		
179	13.5	13.0	19.6
176	17.7	15.8	23.8





#80

Pyrene

Concen: 3.19 ng/ul

RT: 19.37 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Instrument :

BNA_G

ClientSampleId :

C01M8

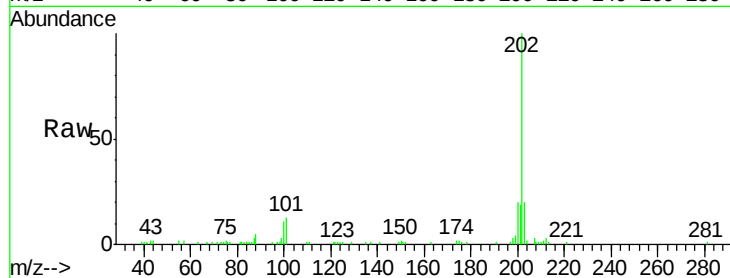
Tgt Ion:202 Resp: 43208

Ion Ratio Lower Upper

202 100

101 12.6 10.9 16.3

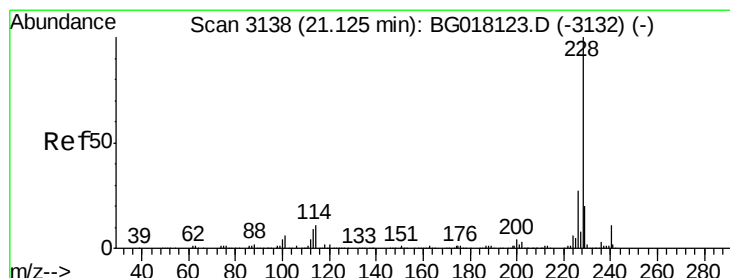
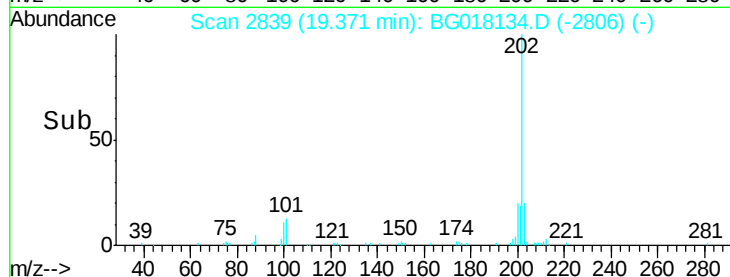
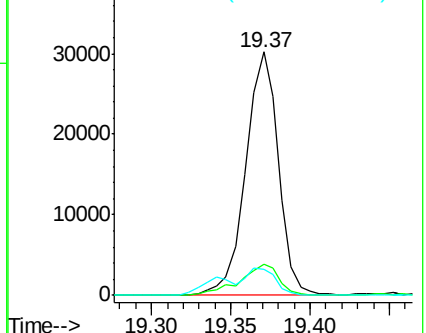
100 10.8 8.5 12.7



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): E



#83

Benzo(a)anthracene

Concen: 1.62 ng/ul

RT: 21.12 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

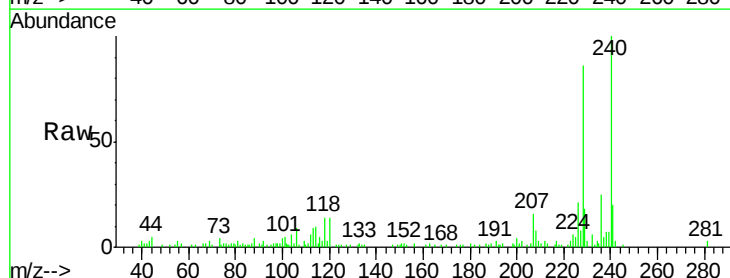
Tgt Ion:228 Resp: 20191

Ion Ratio Lower Upper

228 100

229 21.1 16.6 24.8

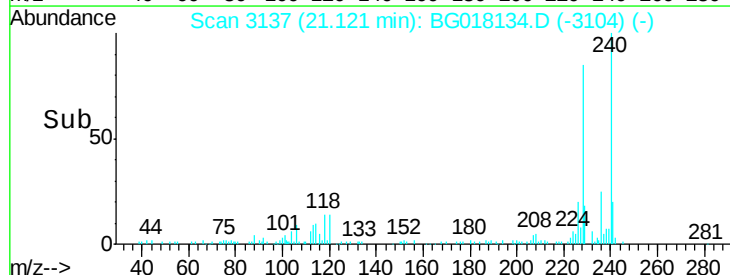
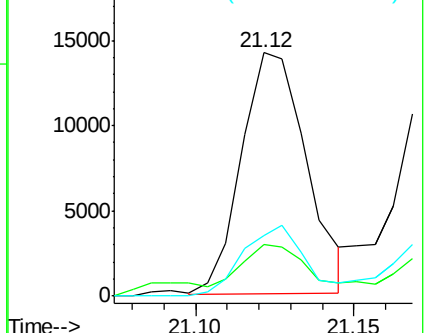
226 24.9 21.1 31.7

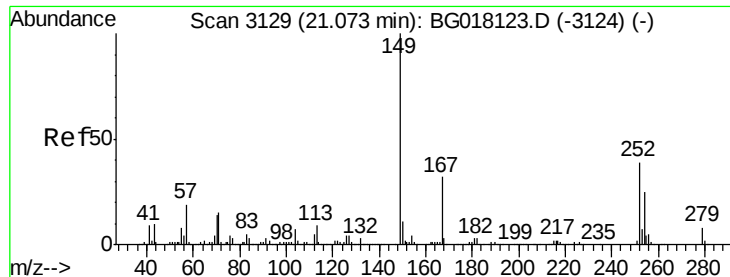


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.51 ng/ul

RT: 21.07 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Instrument :

BNA_G

ClientSampled :

C01M8

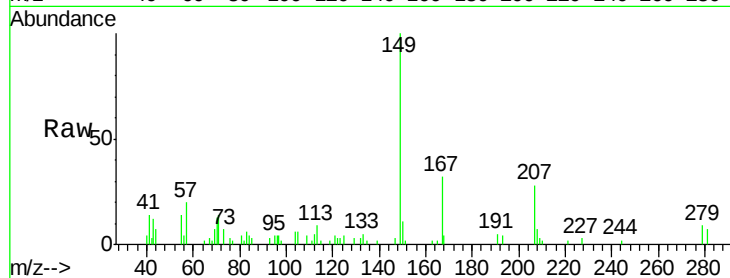
Tgt Ion:149 Resp: 12007

Ion Ratio Lower Upper

149 100

167 31.9 26.2 39.4

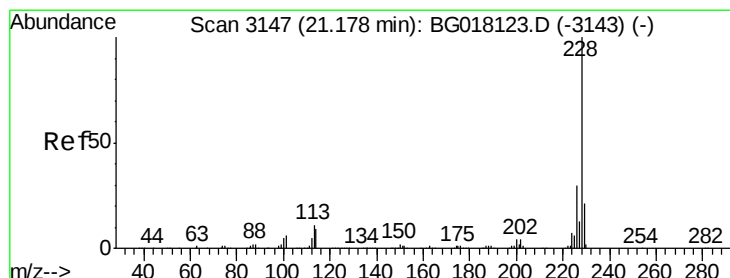
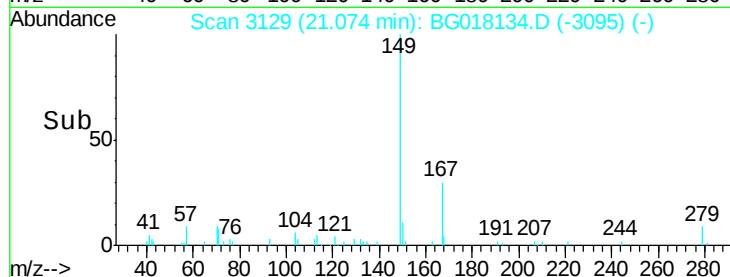
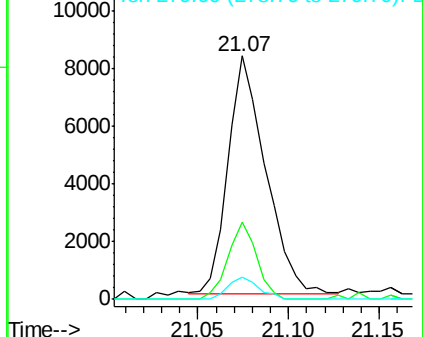
279 9.1 7.2 10.8



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: 1.75 ng/ul

RT: 21.12 min Scan# 3137

Delta R.T. -0.06 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

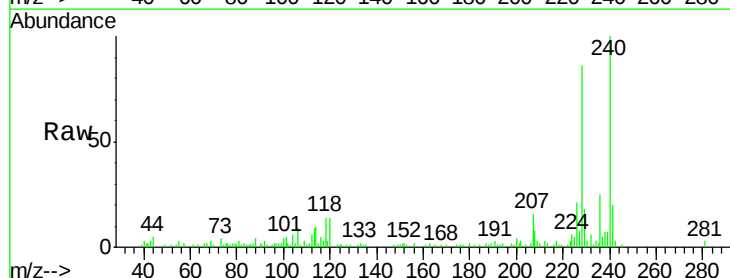
Tgt Ion:228 Resp: 20627

Ion Ratio Lower Upper

228 100

226 24.9 22.9 34.3

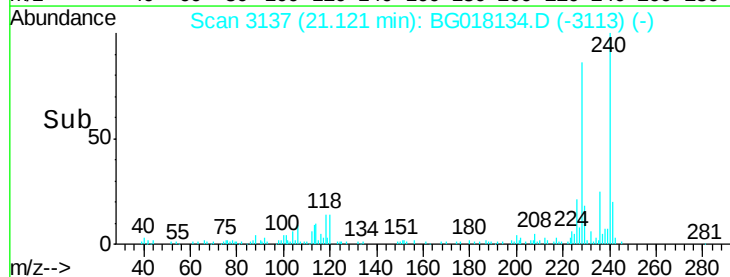
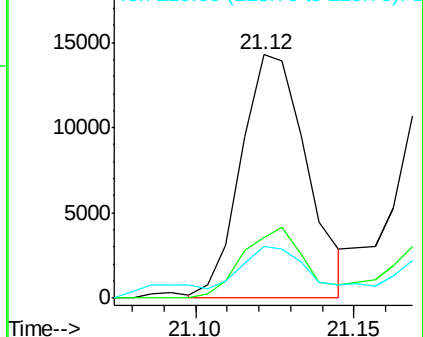
229 21.1 15.6 23.4

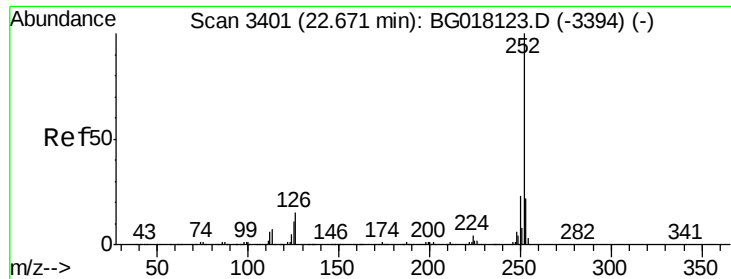


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.67 ng/ul

RT: 22.67 min Scan# 3401

Delta R.T. 0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Instrument :

BNA_G

ClientSampleId :

C01M8

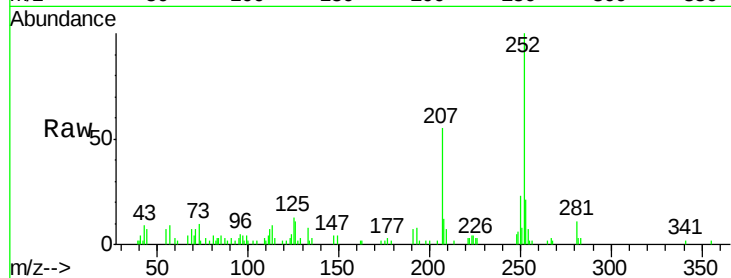
Tgt Ion:252 Resp: 21117

Ion Ratio Lower Upper

252 100

253 21.2 18.5 27.7

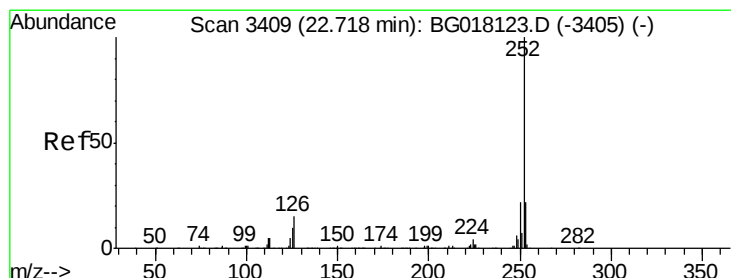
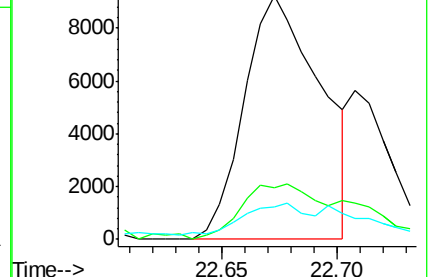
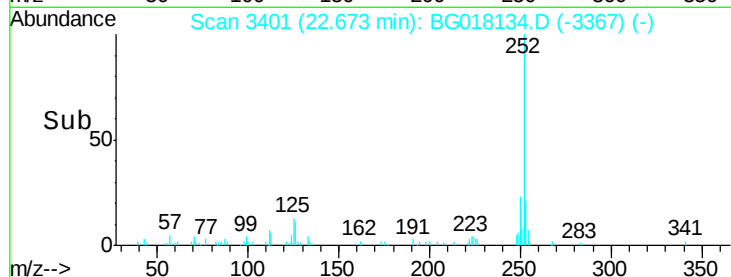
125 13.3 9.1 13.7



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



#89

Benzo(k)fluoranthene

Concen: 1.72 ng/ul

RT: 22.67 min Scan# 3401

Delta R.T. -0.05 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

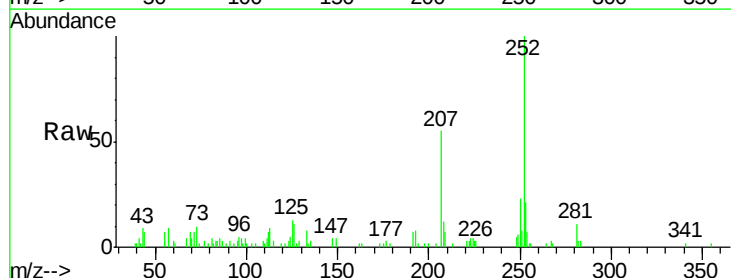
Tgt Ion:252 Resp: 21117

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

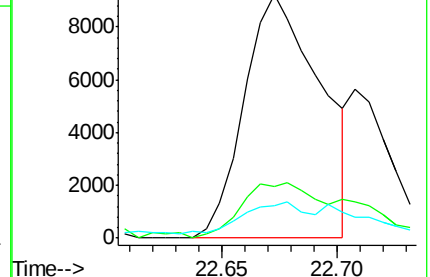
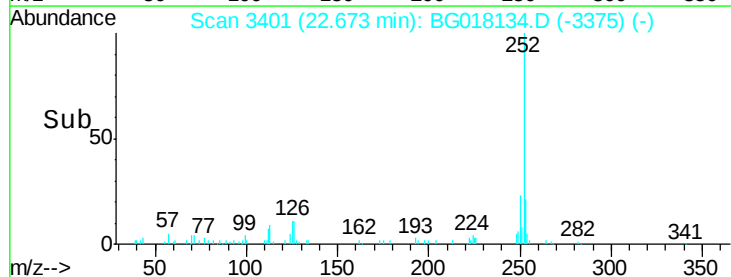
125 13.3 9.3 13.9

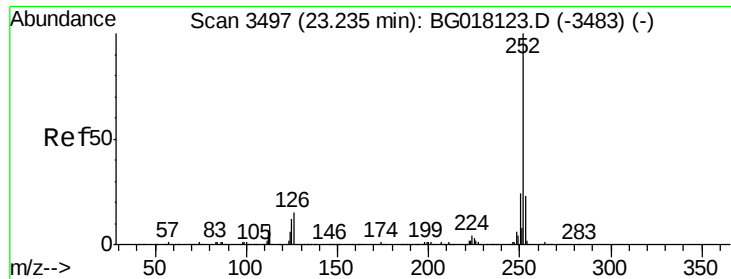


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.37 ng/ul

RT: 23.23 min Scan# 3496

Delta R.T. -0.00 min

Lab File: BG018134.D

Acq: 28 Jul 2015 3:47

Instrument :

BNA_G

ClientSampleId :

C01M8

Tgt Ion:252 Resp: 16794

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 12.4 10.2 15.2

