

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019695.D
 Acq On : 18 Nov 2015 19:02
 Operator : UM/NP
 Sample : G4427-09DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 19 03:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 19 03:06:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	21500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	95762	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	78774	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	221513	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	278411	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	270965	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	218	0.43	ng/uL	0.00
5) Phenol-d5	7.29	99	7982	3.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	5201	3.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	5021	3.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	6926	3.80	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	2354	2.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	2740	3.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	6794	3.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	6189	3.41	ng/ul	0.01
44) Dimethylphthalate-d6	14.18	166	26306	3.69	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	27518	3.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	2920	2.60	ng/ul	0.00
58) Fluorene-d10	15.77	176	23331	3.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	1899	1.33	ng/ul	0.00
71) Anthracene-d10	17.53	188	221513	20.60	ng/ul	-0.10
79) Pyrene-d10	19.89	212	46213	3.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	50920	3.60	ng/ul	0.00

Target Compounds

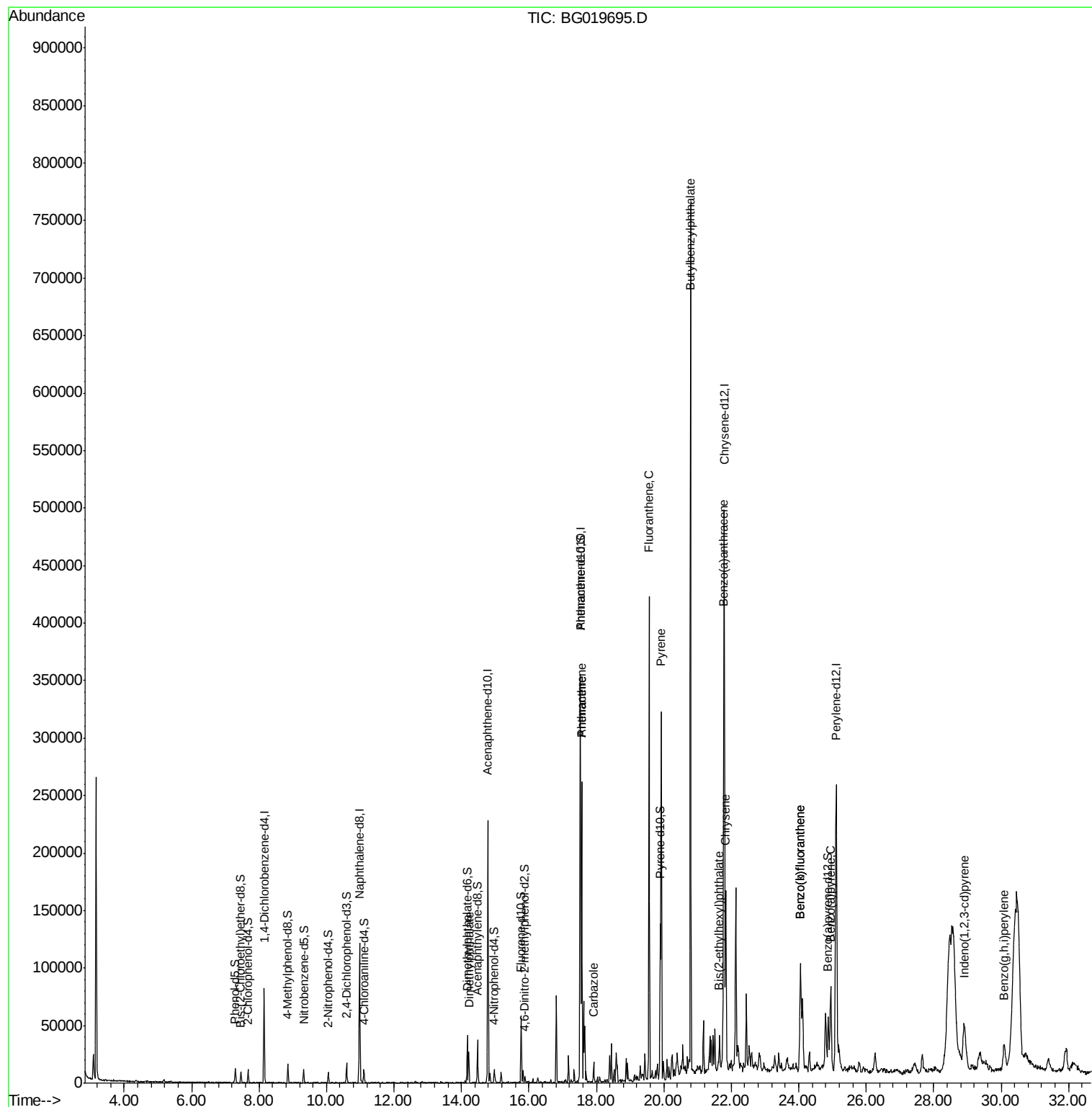
						Ovalue
45) Dimethylphthalate	14.22	163	15505	2.19	ng/ul	96
70) Phenanthrene	17.57	178	156423	13.19	ng/ul	98
72) Anthracene	17.57	178	156423	13.09	ng/ul	99
75) Carbazole	17.92	167	11821	1.23	ng/ul#	90
77) Fluoranthene	19.56	202	258334	17.10	ng/ul	98
80) Pyrene	19.92	202	207242	12.75	ng/ul	98
81) Butylbenzylphthalate	20.79	149	201728	37.71	ng/ul	99
83) Benzo(a)anthracene	21.77	228	119678	7.09	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	9176	1.17	ng/ul#	97
85) Chrysene	21.84	228	105298	6.63	ng/ul	97
88) Benzo(b)fluoranthene	24.05	252	125870	7.54	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	125870	7.81	ng/ul	96
91) Benzo(a)pyrene	24.95	252	83347	5.19	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.90	276	55633	3.09	ng/ul#	93
94) Benzo(g,h,i)perylene	30.08	276	18896	1.27	ng/ul	98

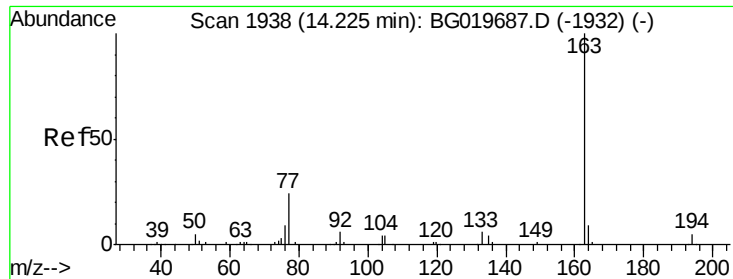
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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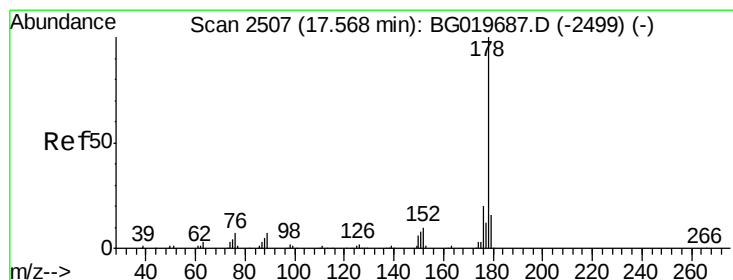
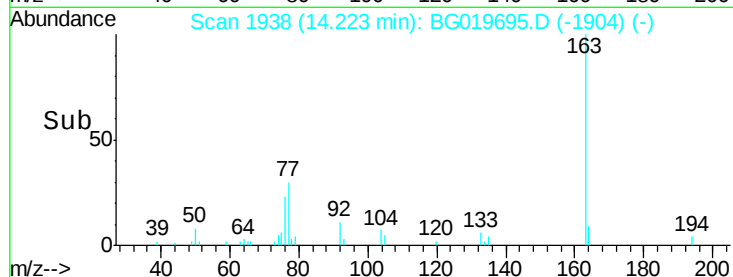
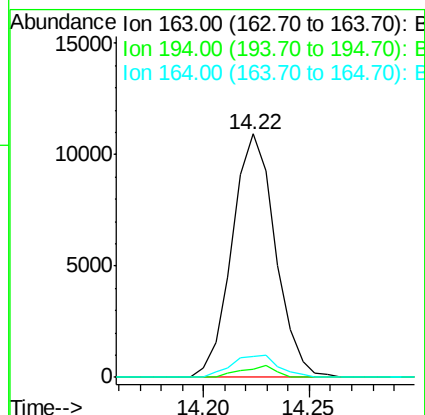
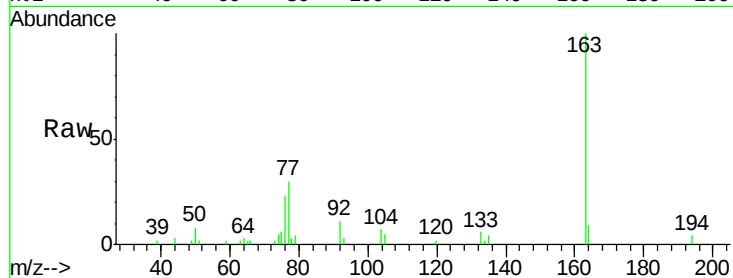




#45
Dimethylphthalate
Concen: 2.19 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

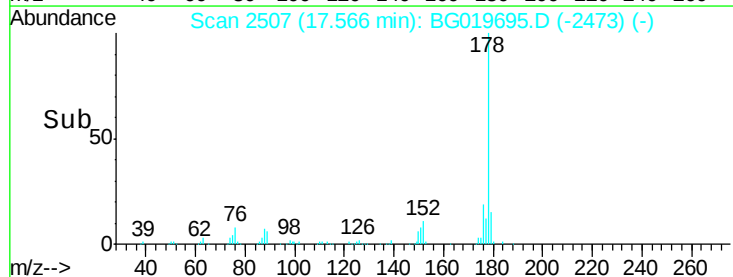
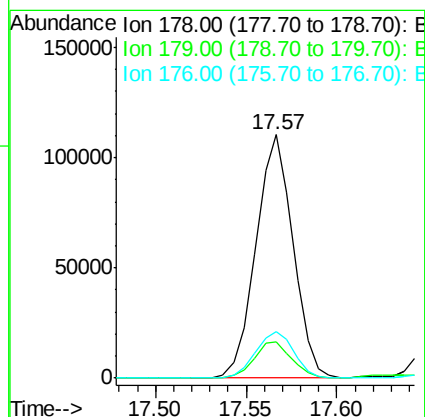
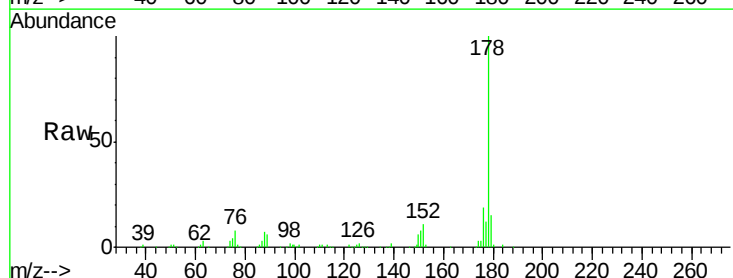
Instrument :
BNA_G
ClientSampled :

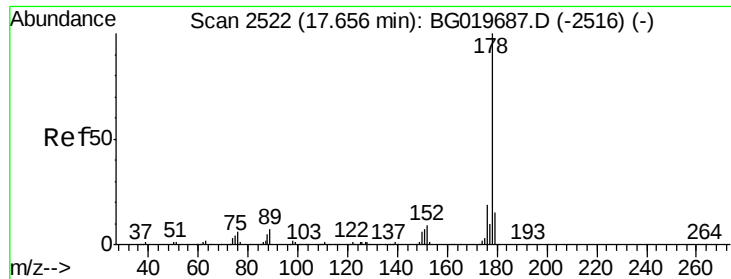
Tot Ion	163	Resp	15505
Ion Ratio	100	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	8.6	8.3	12.5



#70
Phenanthrene
Concen: 13.19 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

Tgt Ion	178	Resp	156423
Ion Ratio	100	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.1	16.6	24.8





#72

Anthracene

Concen: 13.09 ng/ul

RT: 17.57 min Scan# 2507

Delta R.T. -0.09 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

Instrument :

BNA_G

ClientSampled :

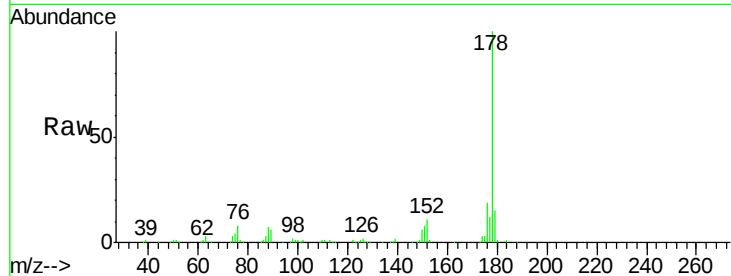
Tot Ion:178 Resp: 156423

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

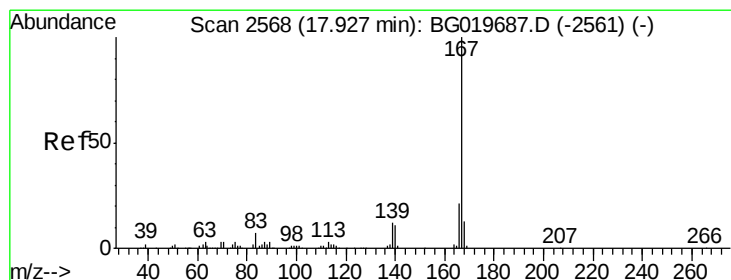
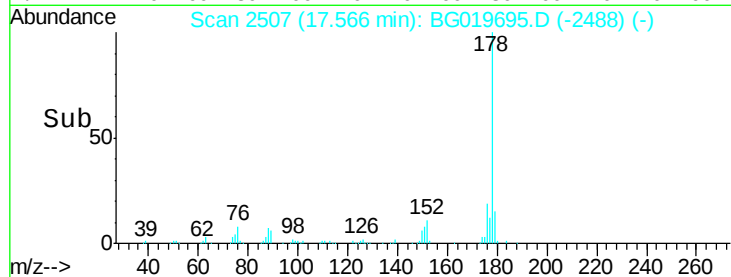
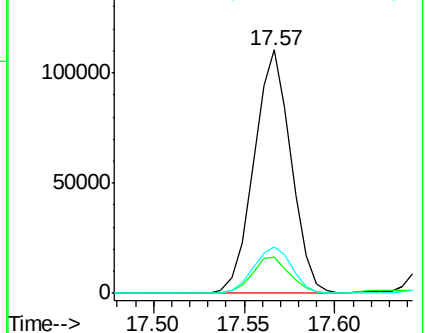
176 19.1 15.0 22.4



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

Carbazole

Concen: 1.23 ng/ul

RT: 17.92 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

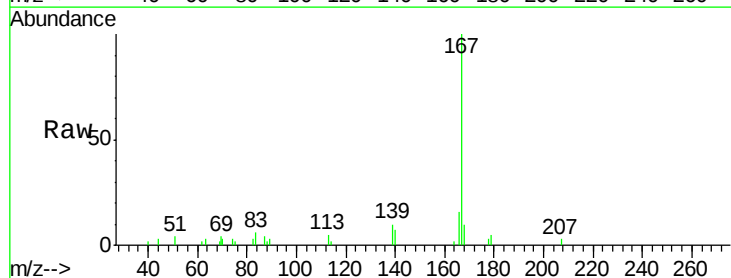
Tgt Ion:167 Resp: 11821

Ion Ratio Lower Upper

167 100

166 16.3 18.1 27.1#

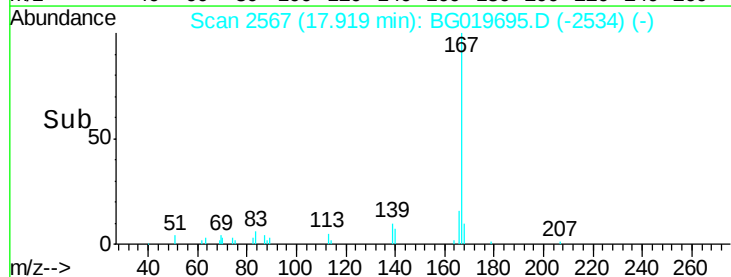
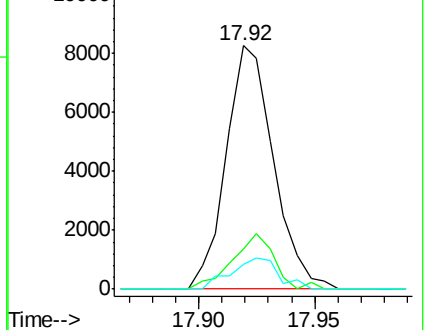
139 10.1 9.8 14.6

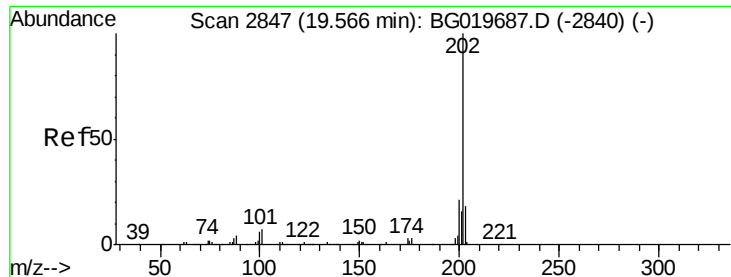


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 17.10 ng/ul

RT: 19.56 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

Instrument :

BNA_G

ClientSampleId :

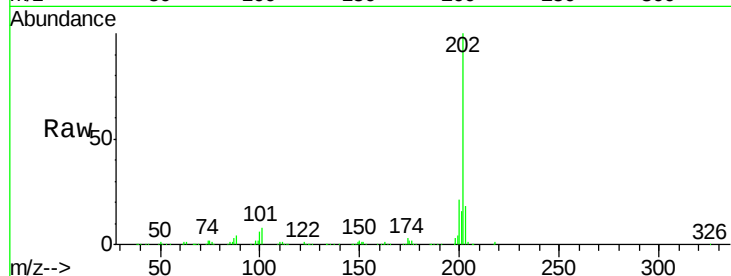
Tot Ion:202 Resp: 258334

Ion Ratio Lower Upper

202 100

101 7.5 5.2 7.8

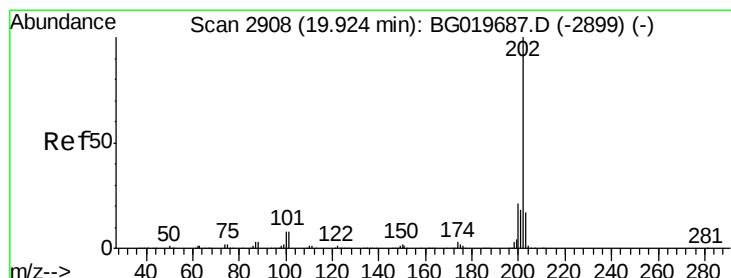
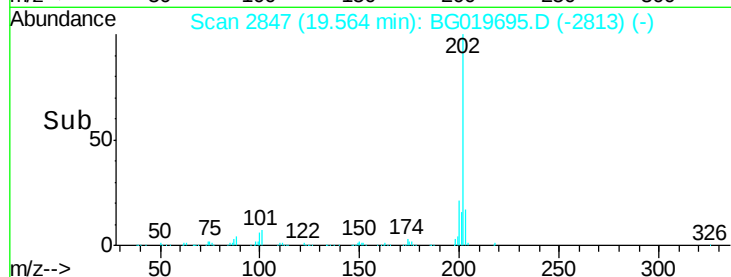
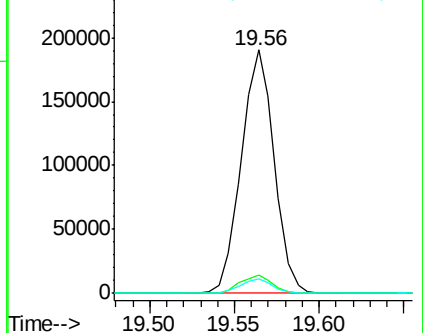
100 5.8 5.0 7.4



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



#80

Pyrene

Concen: 12.75 ng/ul

RT: 19.92 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

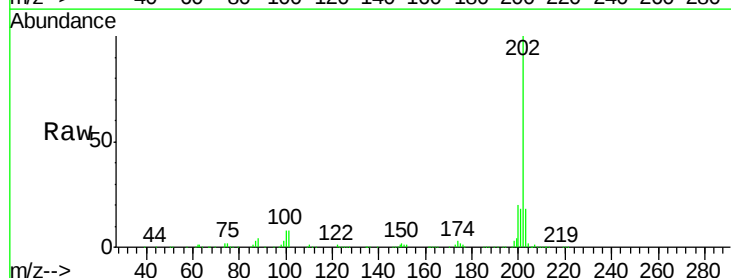
Tgt Ion:202 Resp: 207242

Ion Ratio Lower Upper

202 100

101 7.9 7.0 10.6

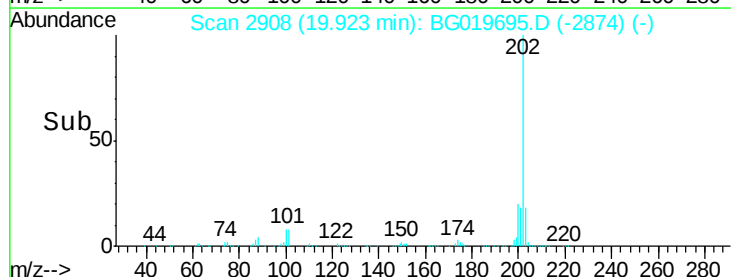
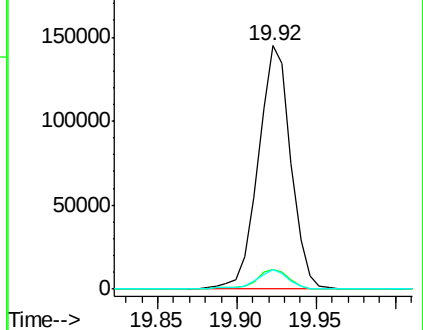
100 7.8 6.6 10.0

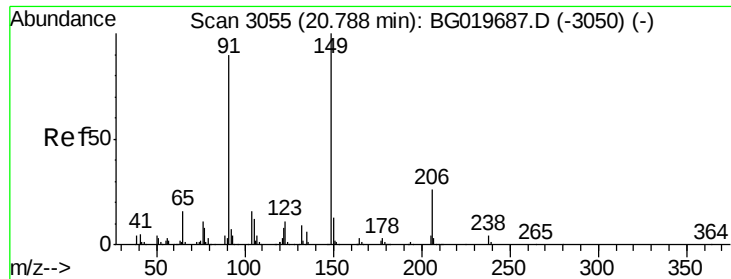


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 37.71 ng/ul

RT: 20.79 min Scan# 3056

Delta R.T. 0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

Instrument :

BNA_G

ClientSampled :

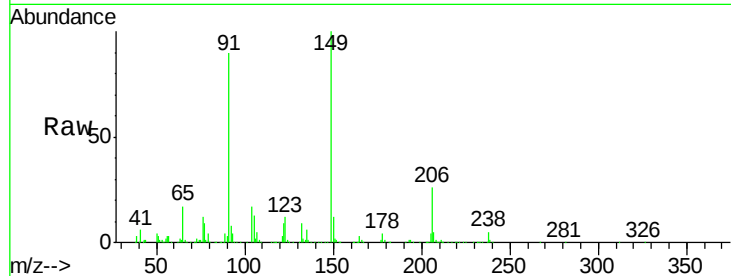
Tot Ion:149 Resp: 201728

Ion Ratio Lower Upper

149 100

91 90.2 71.1 106.7

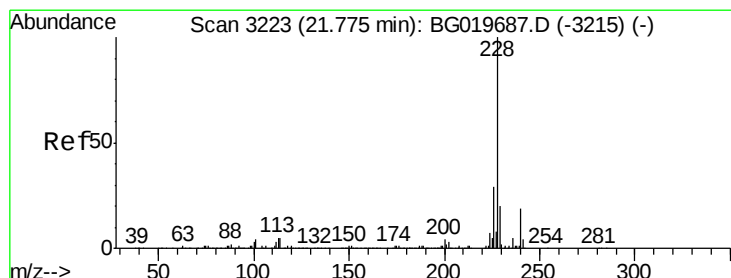
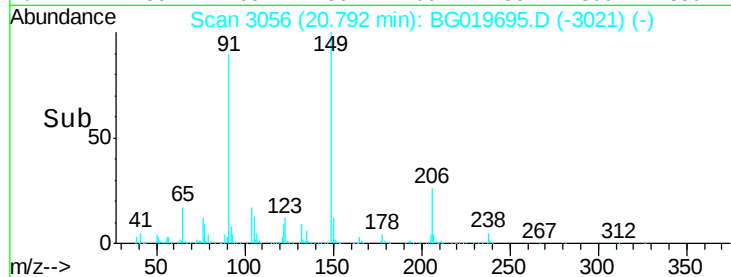
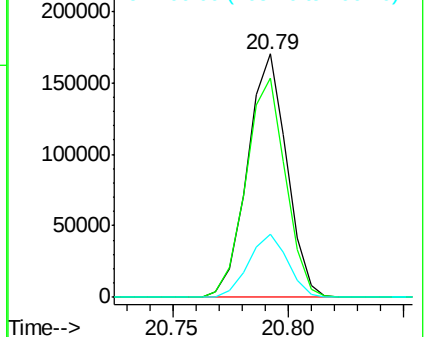
206 26.1 20.4 30.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 7.09 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

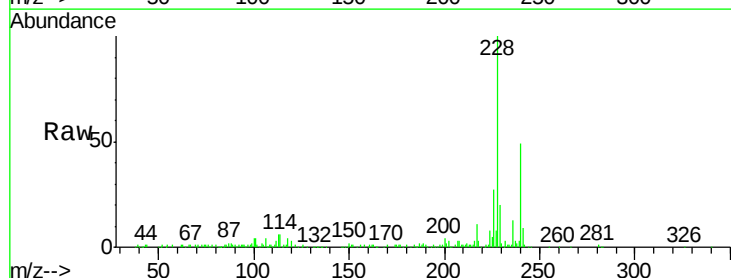
Tgt Ion:228 Resp: 119678

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

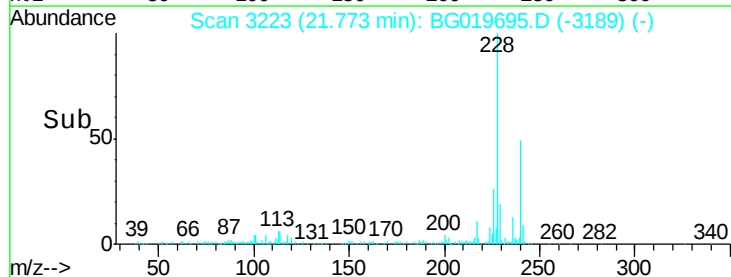
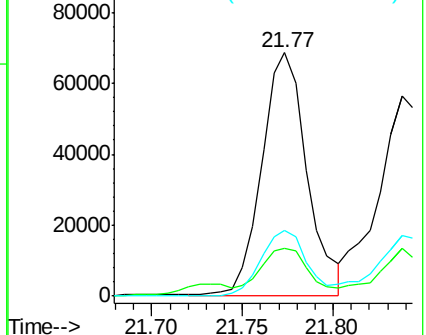
226 26.8 22.6 33.8

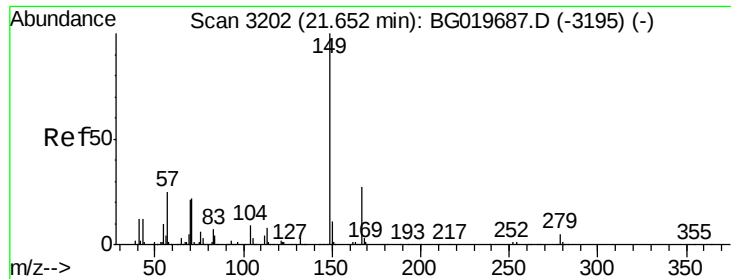


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.17 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

Instrument :

BNA_G

ClientSampleId :

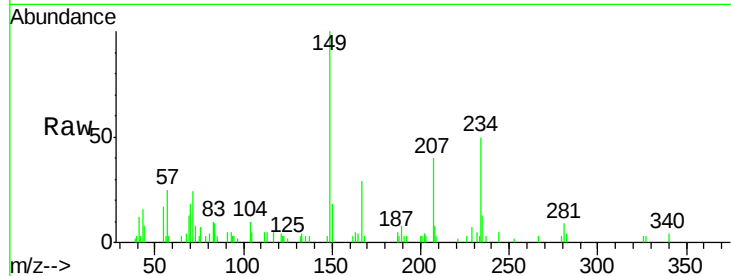
Tot Ion:149 Resp: 9176

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

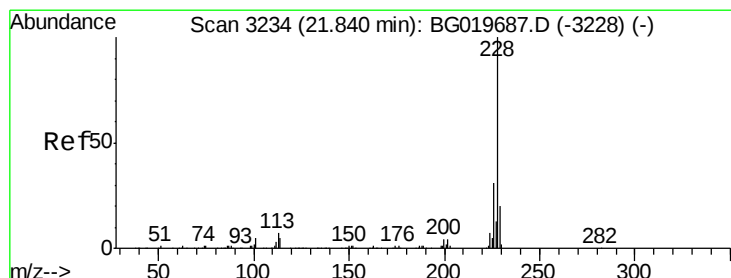
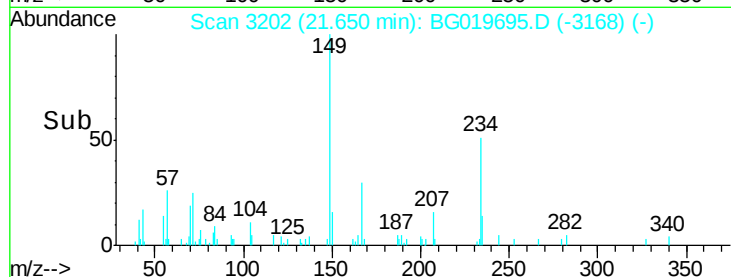
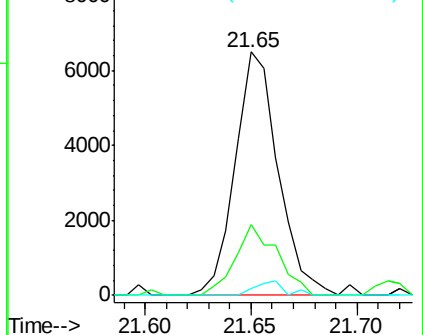
279 3.0 3.6 5.4#



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: 6.63 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

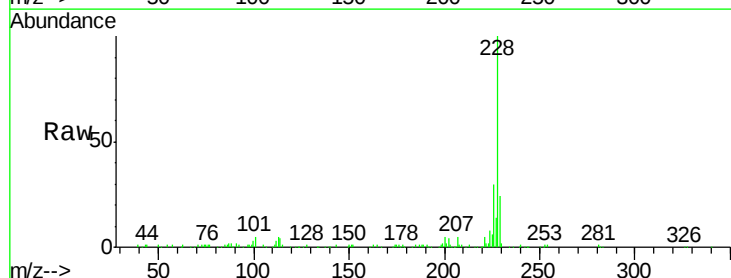
Tgt Ion:228 Resp: 105298

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

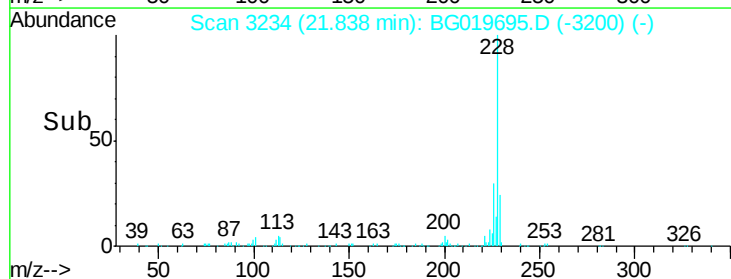
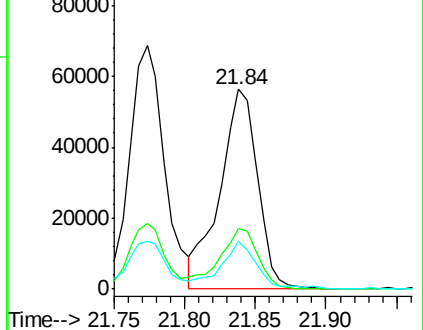
229 24.1 17.0 25.6

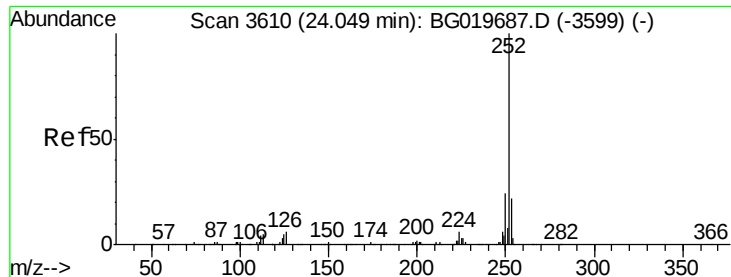


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

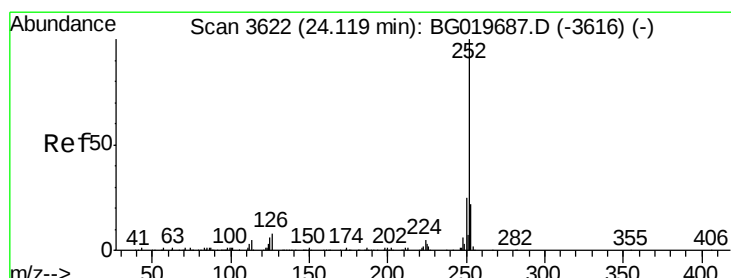
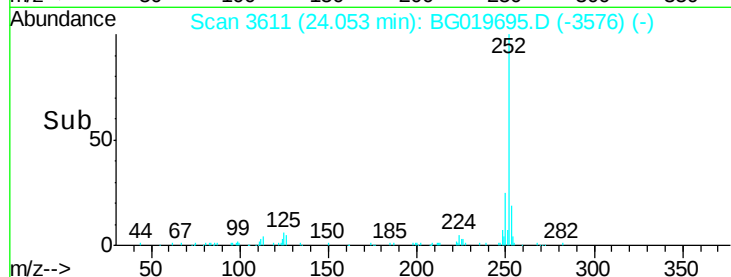
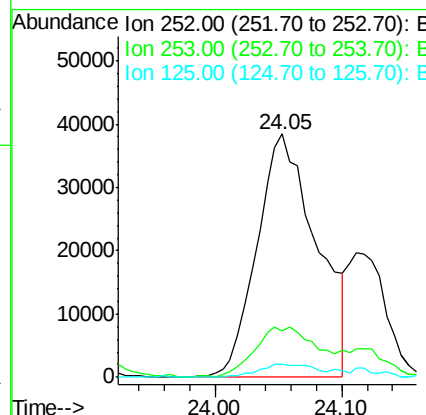
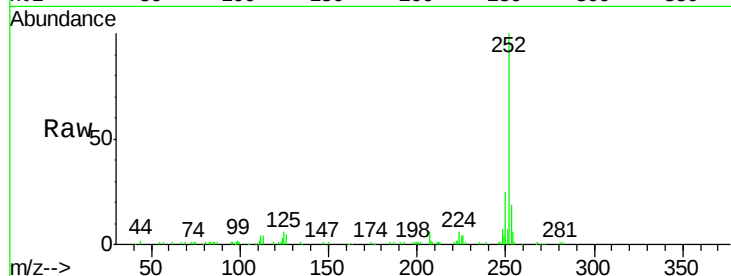




#88
Benzo(b)fluoranthene
Concen: 7.54 ng/ul
RT: 24.05 min Scan# 3611
Delta R.T. 0.00 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

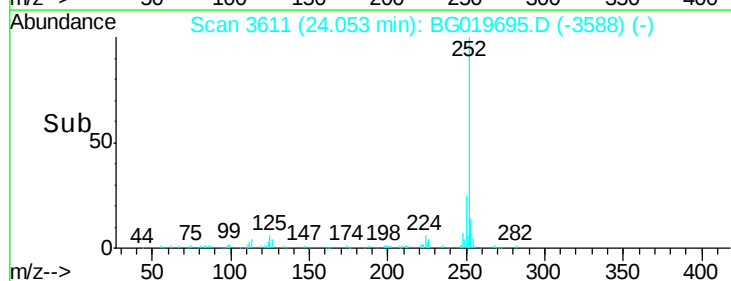
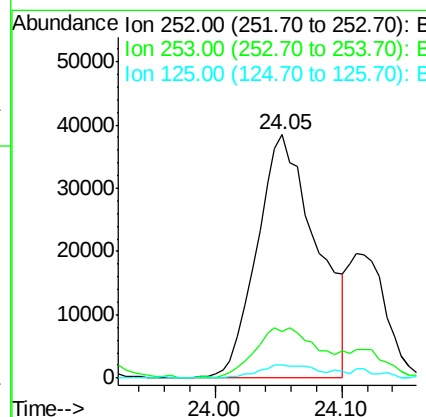
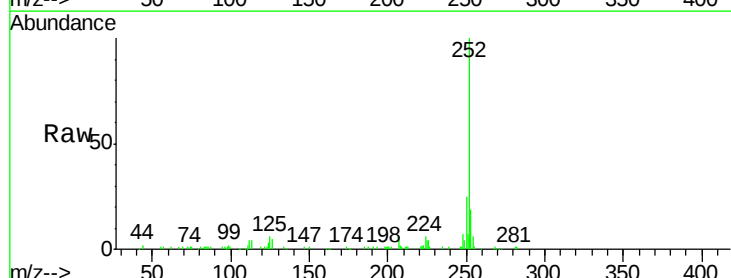
Instrument :
BNA_G
ClientSampleId :

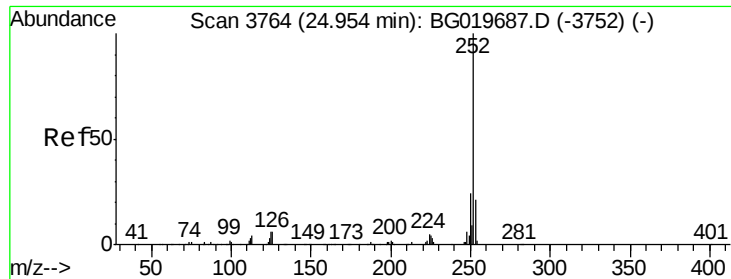
Tot Ion:252 Resp: 125870
Ion Ratio Lower Upper
252 100
253 19.2 17.1 25.7
125 5.6 4.2 6.4



#89
Benzo(k)fluoranthene
Concen: 7.81 ng/ul
RT: 24.05 min Scan# 3611
Delta R.T. -0.07 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

Tgt Ion:252 Resp: 125870
Ion Ratio Lower Upper
252 100
253 19.2 17.1 25.7
125 5.6 4.4 6.6

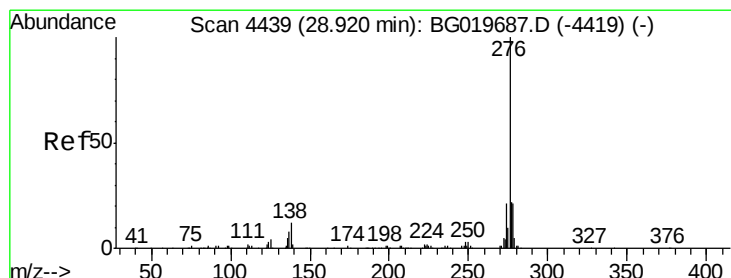
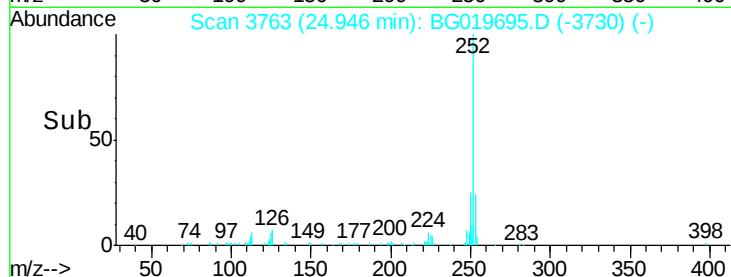
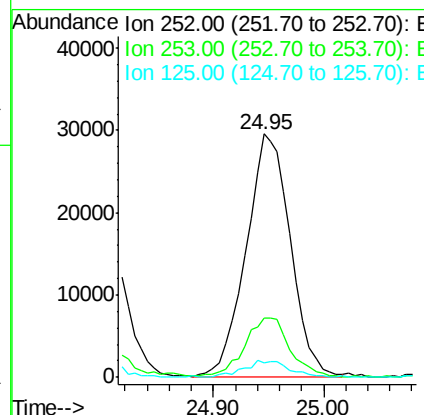
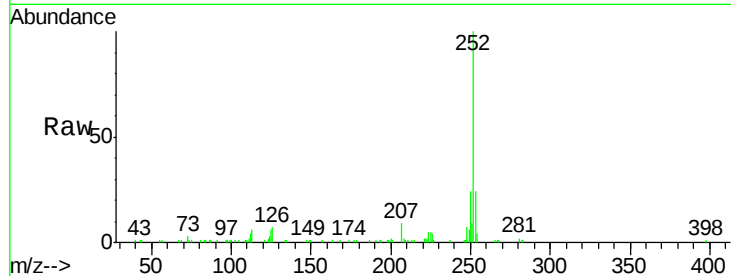




#91
Benzo(a)pyrene
Concen: 5.19 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

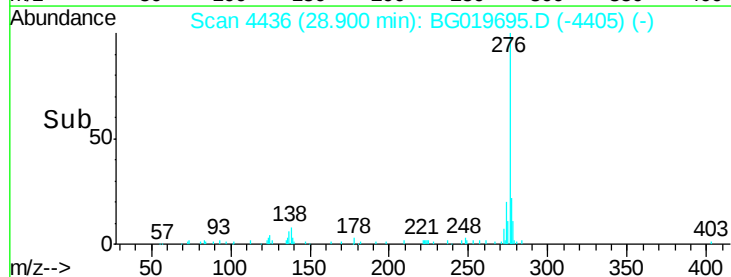
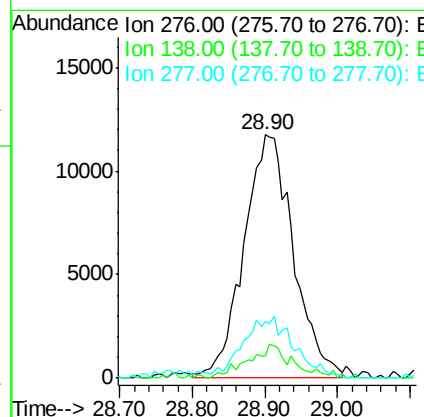
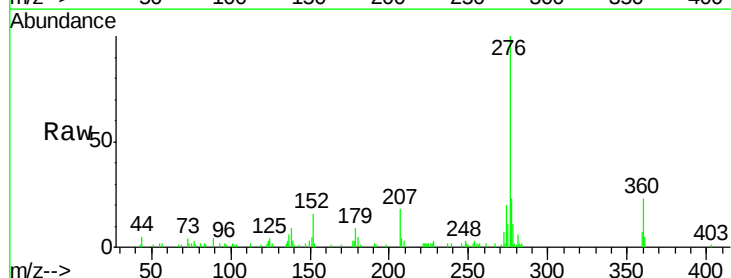
Instrument :
BNA_G
ClientSampleId :

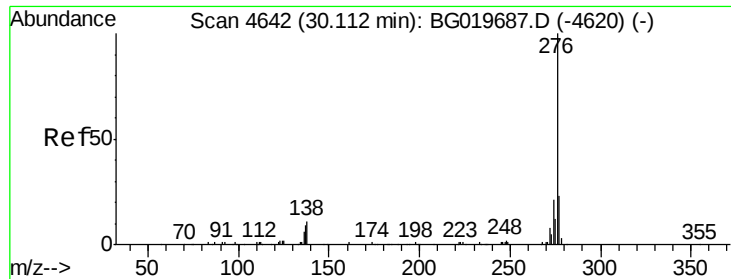
Tot Ion:252 Resp: 83347
Ion Ratio Lower Upper
252 100
253 24.5 16.9 25.3
125 6.1 5.4 8.0



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.09 ng/ul
RT: 28.90 min Scan# 4436
Delta R.T. -0.02 min
Lab File: BG019695.D
Acq: 18 Nov 2015 19:02

Tgt Ion:276 Resp: 55633
Ion Ratio Lower Upper
276 100
138 9.0 9.9 14.9#
277 23.4 21.3 31.9





#94

Benzo(a,h,i)perylene

Concen: 1.27 ng/ul

RT: 30.08 min Scan# 4637

Delta R.T. -0.03 min

Lab File: BG019695.D

Acq: 18 Nov 2015 19:02

Instrument :

BNA_G

ClientSampleId :

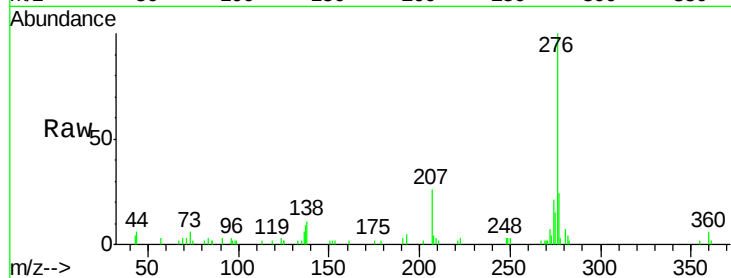
Tot Ion:276 Resp: 18896

Ion Ratio Lower Upper

276 100

138 10.6 9.2 13.8

277 23.9 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

