

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019675.D
 Acq On : 18 Nov 2015 00:50
 Operator : UM/NP
 Sample : G4427-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A9

Quant Time: Nov 18 03:04:34 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	90946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	85723	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	253642	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	328100	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1432	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	40129	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	24356	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	24265	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31793	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12243	16.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	13428	15.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	31633	17.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	19068	11.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	116671	15.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	120684	14.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	16205	13.27	ng/ul	0.00
58) Fluorene-d10	15.77	176	100392	14.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	12505	7.63	ng/ul	0.00
71) Anthracene-d10	17.62	188	169157	13.74	ng/ul	0.00
79) Pyrene-d10	19.89	212	194122	12.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	208492	12.60	ng/ul	-0.01

Target Compounds

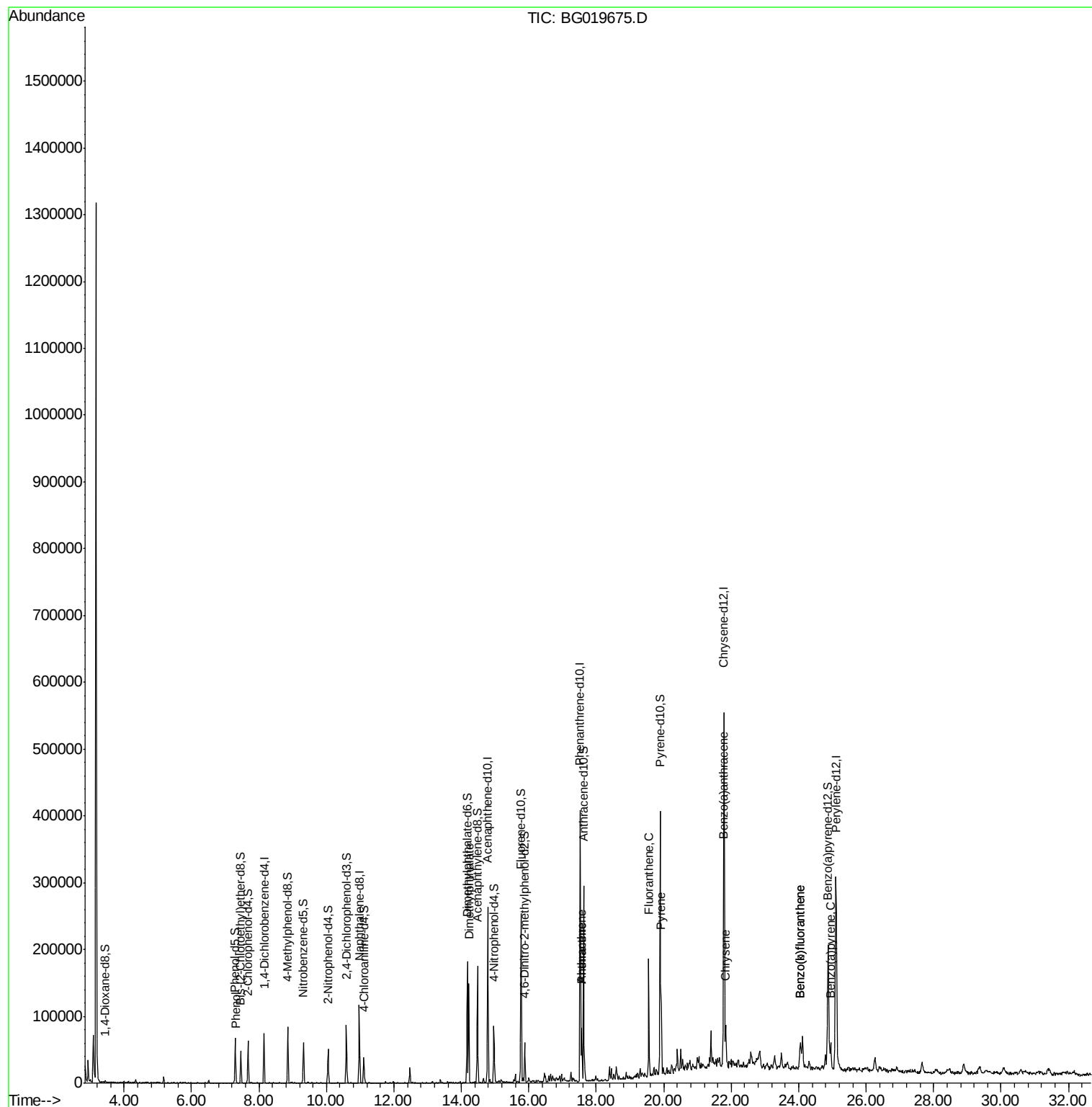
						Ovalue
6) Phenol	7.32	94	3039	1.41	ng/ul	99
45) Dimethylphthalate	14.22	163	89176	11.60	ng/ul	99
70) Phenanthrene	17.56	178	47880	3.53	ng/ul#	93
72) Anthracene	17.56	178	47880	3.50	ng/ul	94
77) Fluoranthene	19.56	202	106958	6.18	ng/ul	99
80) Pyrene	19.92	202	90684	4.73	ng/ul	96
83) Benzo(a)anthracene	21.77	228	51963	2.61	ng/ul	98
85) Chrysene	21.84	228	44406	2.37	ng/ul	95
88) Benzo(b)fluoranthene	24.04	252	51983	2.66	ng/ul	100
89) Benzo(k)fluoranthene	24.04	252	51983	2.76	ng/ul	99
91) Benzo(a)pyrene	24.95	252	39757	2.11	ng/ul	96

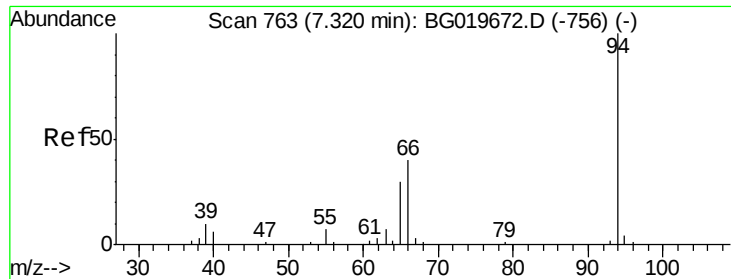
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.41 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

ClientSampleId :

BC7A9

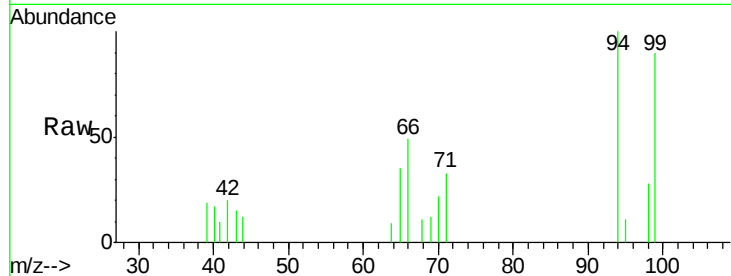
Tot Ion: 94 Resp: 3039

Ion Ratio Lower Upper

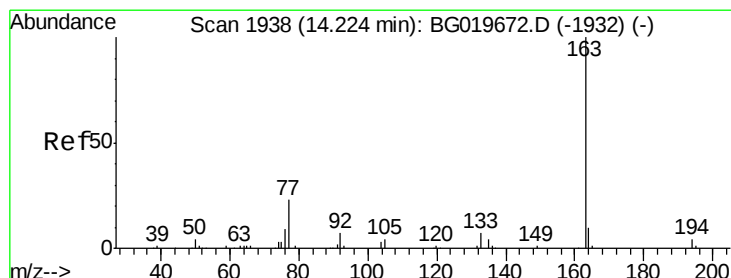
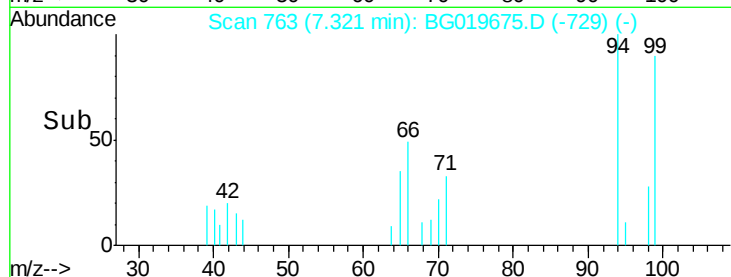
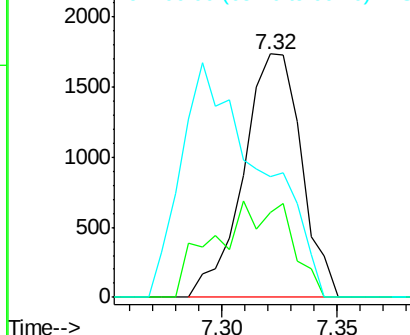
94 100

65 34.9 27.4 41.0

66 49.5 39.0 58.6



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: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

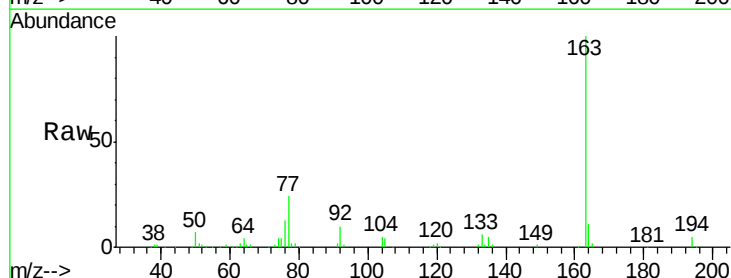
Tgt Ion: 163 Resp: 89176

Ion Ratio Lower Upper

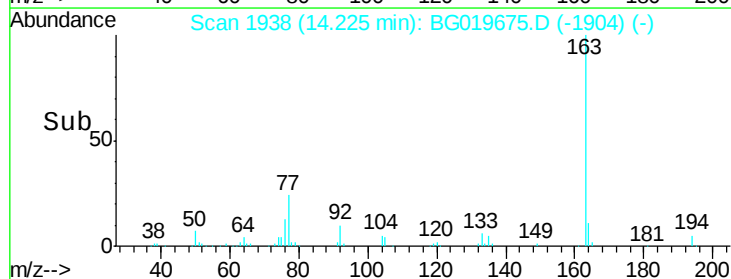
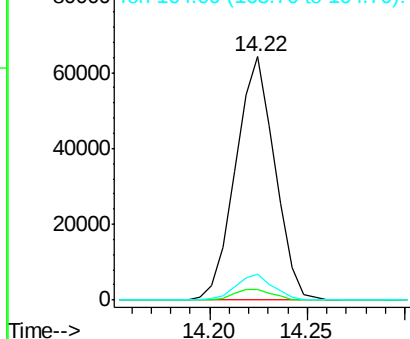
163 100

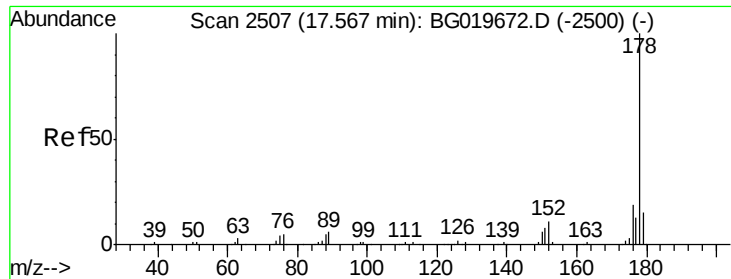
194 4.6 3.5 5.3

164 10.6 8.3 12.5



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

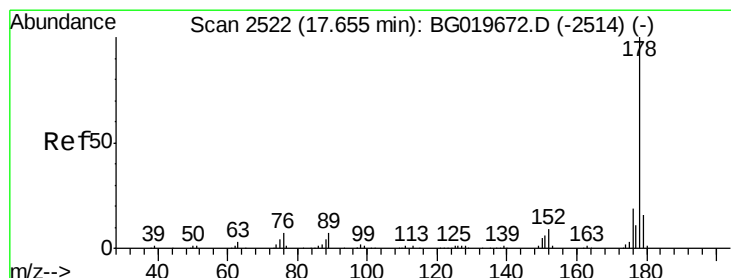
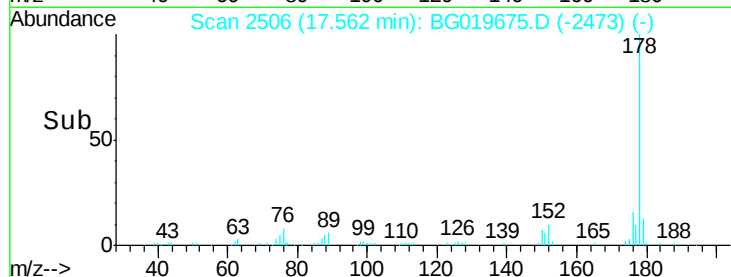
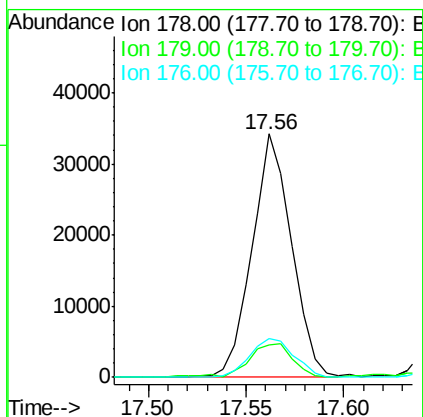
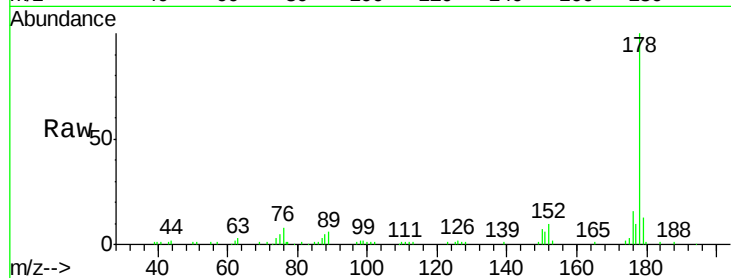




#70
Phenanthrene
Concen: 3.53 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

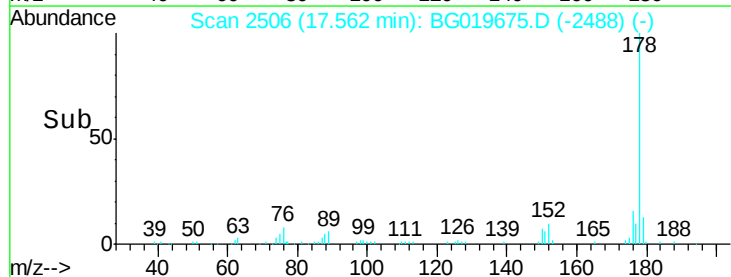
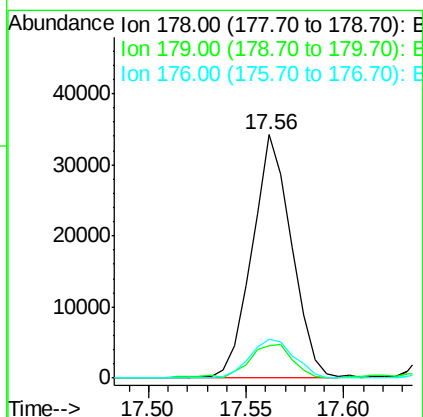
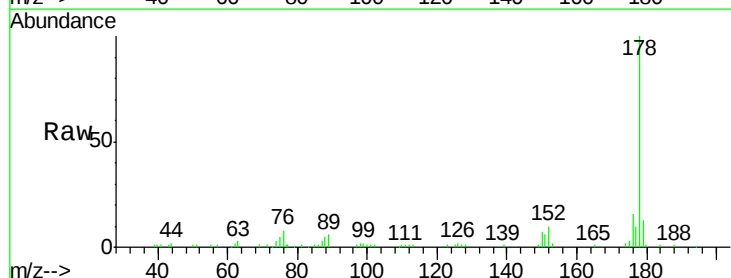
Instrument :
BNA_G
ClientSampleId :
BC7A9

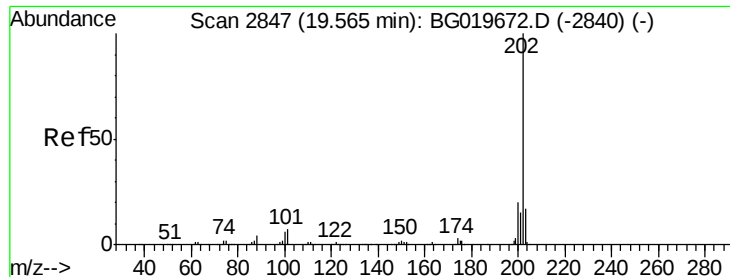
Tot Ion:178 Resp: 47880
Ion Ratio Lower Upper
178 100
179 13.3 12.2 18.2
176 16.2 16.6 24.8#



#72
Anthracene
Concen: 3.50 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.09 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion:178 Resp: 47880
Ion Ratio Lower Upper
178 100
179 13.3 12.6 19.0
176 16.2 15.0 22.4

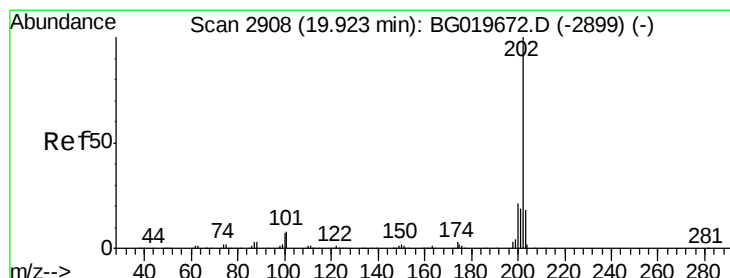
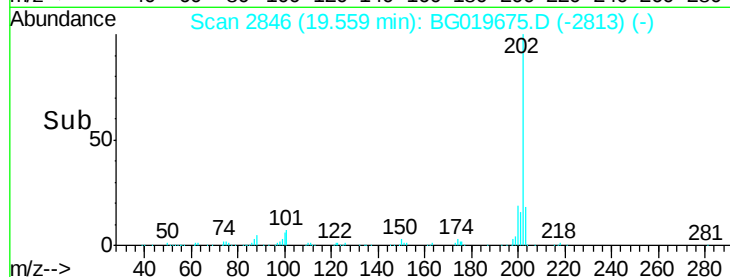
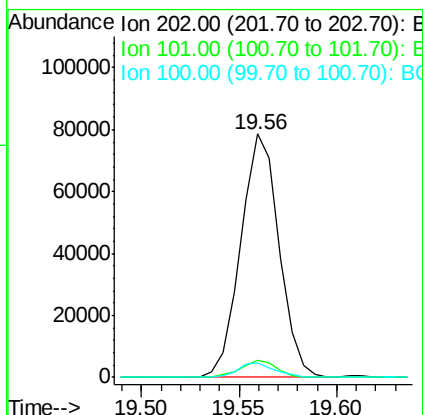
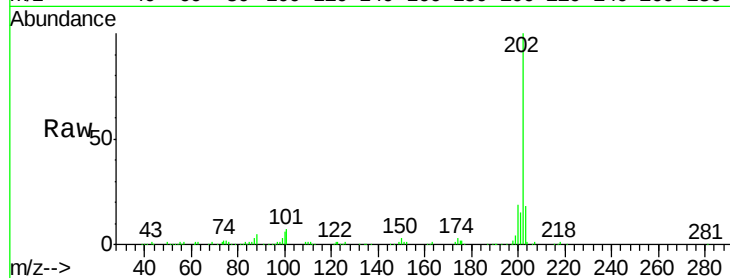




#77
Fluoranthene
 Concen: 6.18 ng/ul
 RT: 19.56 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BG019675.D
 Acq: 18 Nov 2015 00:50

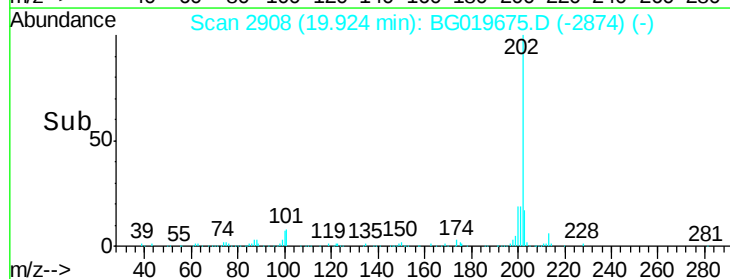
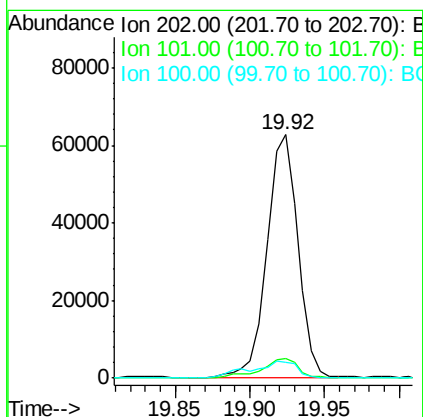
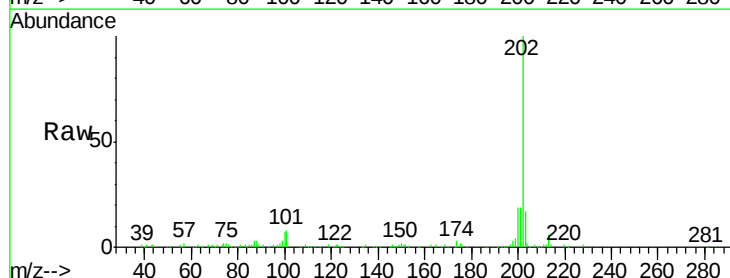
Instrument :
 BNA_G
 ClientSampleId :
 BC7A9

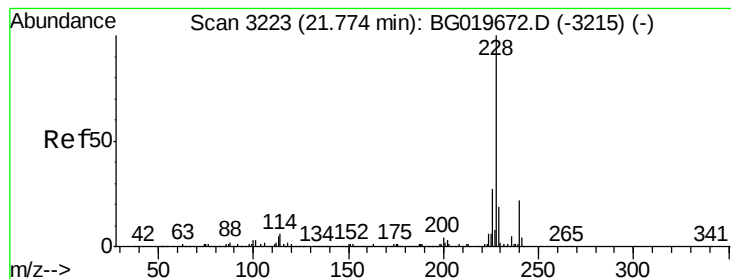
Tot Ion:202 Resp: 106958
 Ion Ratio Lower Upper
 202 100
 101 7.3 5.2 7.8
 100 6.0 5.0 7.4



#80
Pyrene
 Concen: 4.73 ng/ul
 RT: 19.92 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: BG019675.D
 Acq: 18 Nov 2015 00:50

Tgt Ion:202 Resp: 90684
 Ion Ratio Lower Upper
 202 100
 101 7.8 7.0 10.6
 100 6.7 6.6 10.0





#83

Benzo(a)anthracene

Concen: 2.61 ng/ul

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

ClientSampleId :

BC7A9

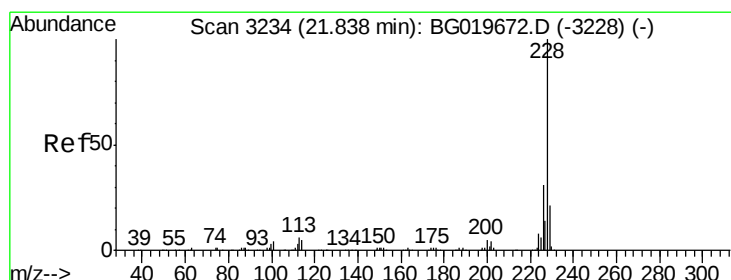
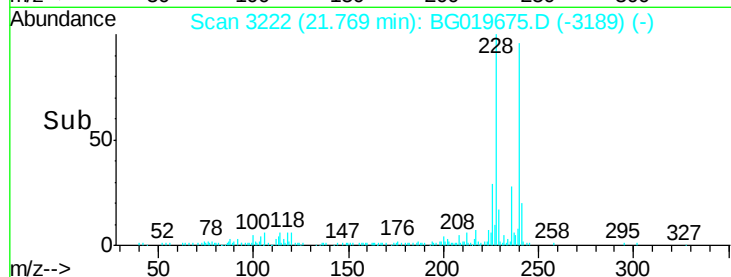
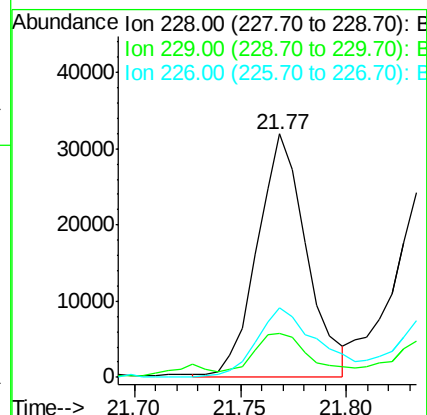
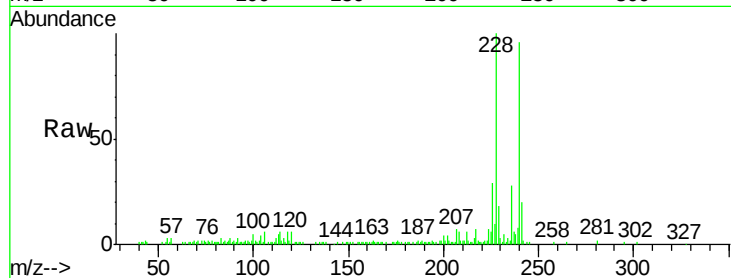
Tot Ion:228 Resp: 51963

Ion Ratio Lower Upper

228 100

229 17.8 15.7 23.5

226 28.8 22.6 33.8



#85

Chrysene

Concen: 2.37 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

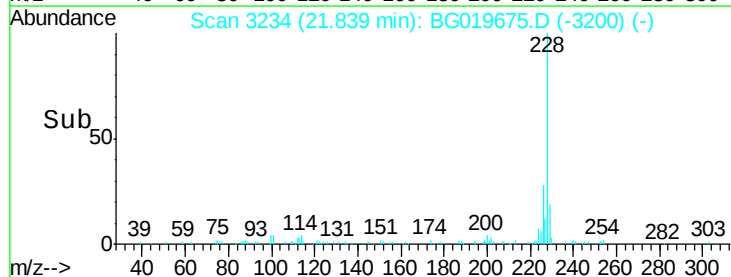
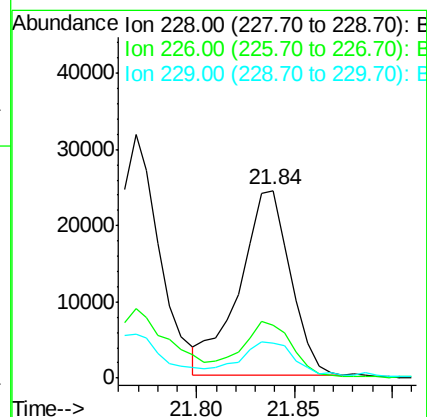
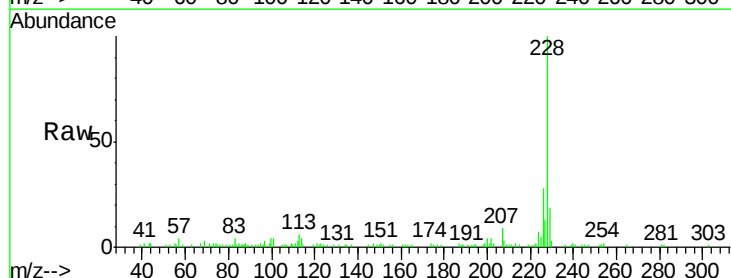
Tgt Ion:228 Resp: 44406

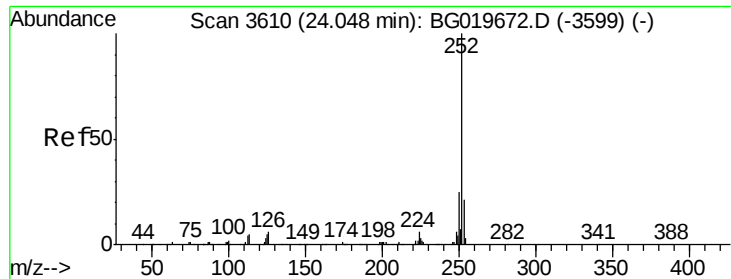
Ion Ratio Lower Upper

228 100

226 28.2 24.9 37.3

229 18.8 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 2.66 ng/ul

RT: 24.04 min Scan# 3609

Delta R.T. -0.01 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

ClientSampleId :

BC7A9

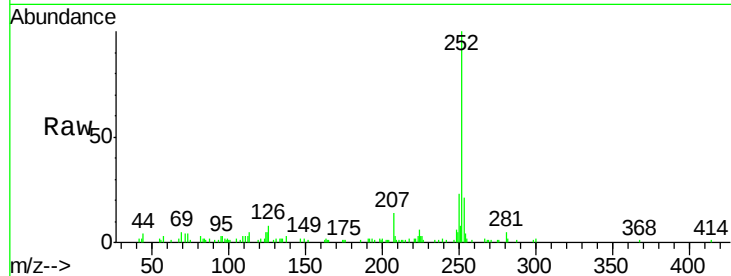
Tot Ion:252 Resp: 51983

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

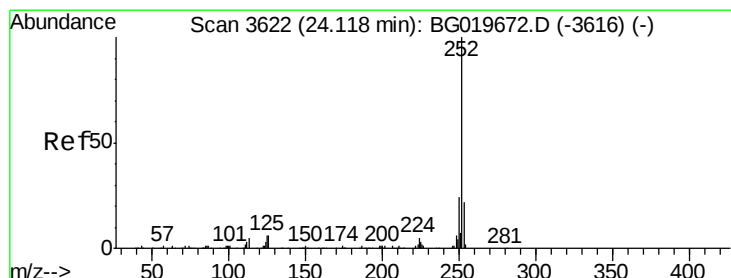
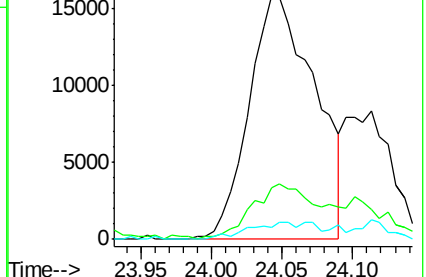
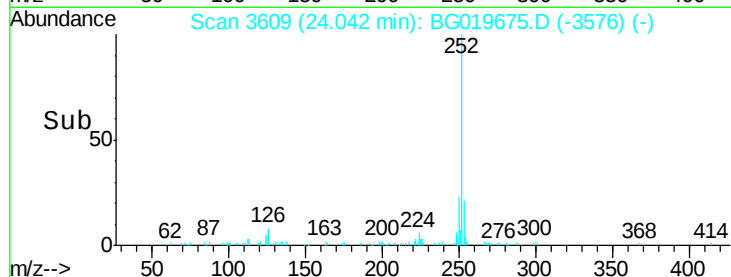
125 5.1 4.2 6.4



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: 2.76 ng/ul

RT: 24.04 min Scan# 3609

Delta R.T. -0.08 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

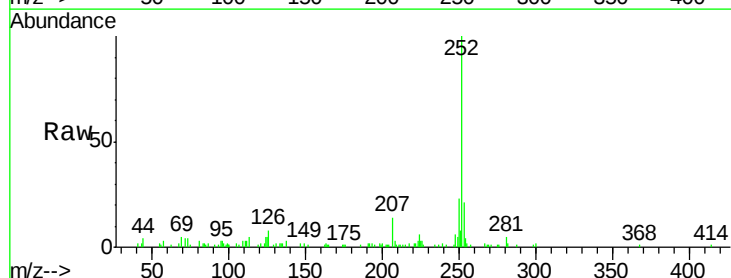
Tgt Ion:252 Resp: 51983

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

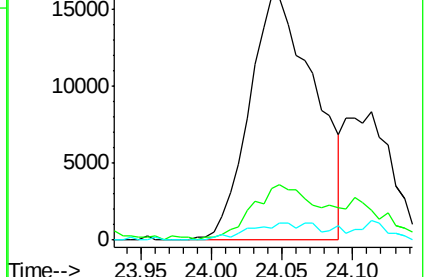
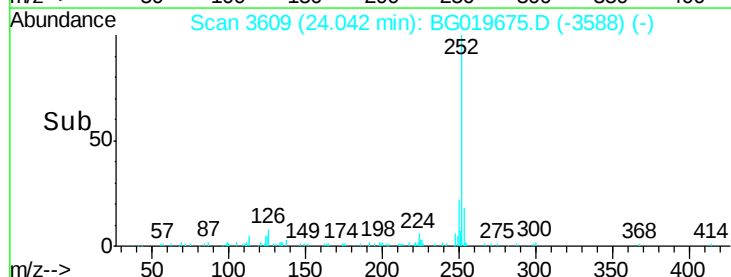
125 5.1 4.4 6.6

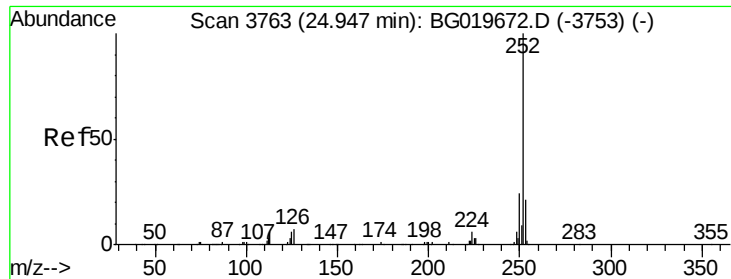


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.11 ng/ul

RT: 24.95 min Scan# 3763

Delta R.T. 0.00 min

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Acq: 18 Nov 2015 00:50

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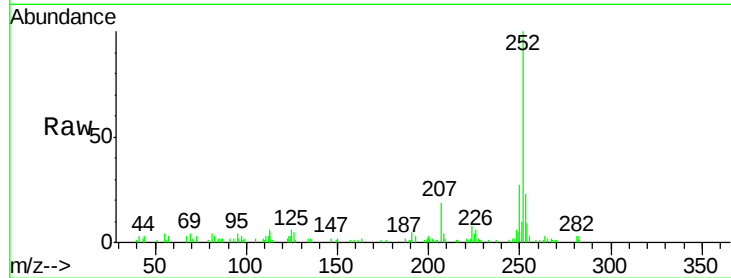
Tot Ion: 252 Resp: 39757

Ion Ratio Lower Upper

252 100

253 23.5 16.9 25.3

125 6.1 5.4 8.0



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

