

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019793.D
 Acq On : 22 Nov 2015 22:39
 Operator : UM/NP
 Sample : G4345-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J48

Quant Time: Nov 23 04:19:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:11:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	85687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	74259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	208501	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	267638	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	256193	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	989	2.10	ng/uL	0.00
5) Phenol-d5	7.26	99	24204	11.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	16159	11.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15850	12.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	20697	12.13	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	8921	12.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	10822	13.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	22264	13.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	15500	9.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	95530	14.22	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	82368	11.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	10292	9.73	ng/ul	0.00
58) Fluorene-d10	15.74	176	68742	11.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	12253	9.10	ng/ul	0.00
71) Anthracene-d10	17.59	188	105340	10.41	ng/ul	0.00
79) Pyrene-d10	19.87	212	106008	8.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	85780	6.41	ng/ul	0.00

Target Compounds

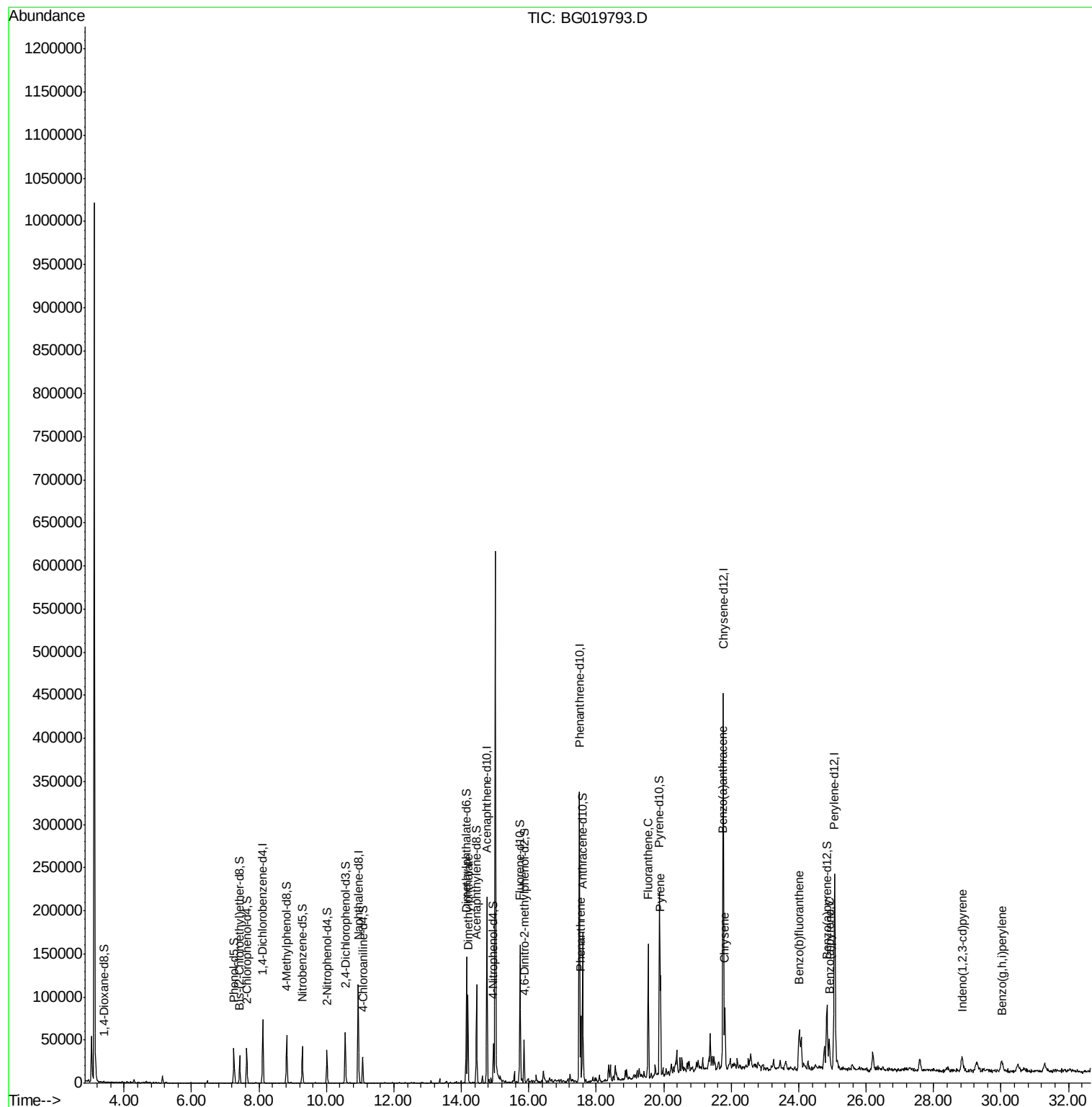
						Qvalue
45) Dimethylphthalate	14.19	163	63327	9.51	ng/ul	98
70) Phenanthrene	17.54	178	46491	4.17	ng/ul	94
77) Fluoranthene	19.54	202	99664	7.01	ng/ul	99
80) Pyrene	19.90	202	89485	5.72	ng/ul#	96
83) Benzo(a)anthracene	21.74	228	48073	2.96	ng/ul	96
85) Chrysene	21.81	228	49267	3.23	ng/ul	96
88) Benzo(b)fluoranthene	24.01	252	64734	4.10	ng/ul#	93
91) Benzo(a)pyrene	24.91	252	42779	2.81	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.84	276	26913	1.58	ng/ul#	86
94) Benzo(g,h,i)perylene	30.02	276	16471	1.17	ng/ul	96

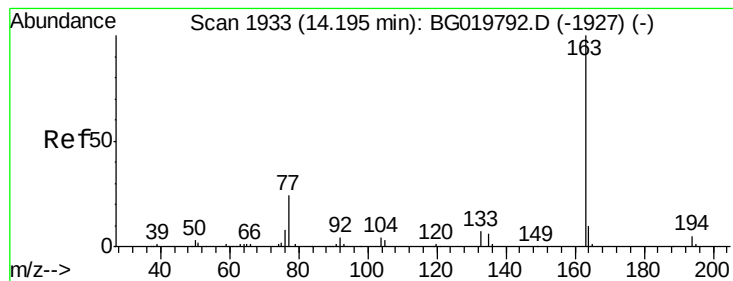
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 9.51 ng/ul

RT: 14.19 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

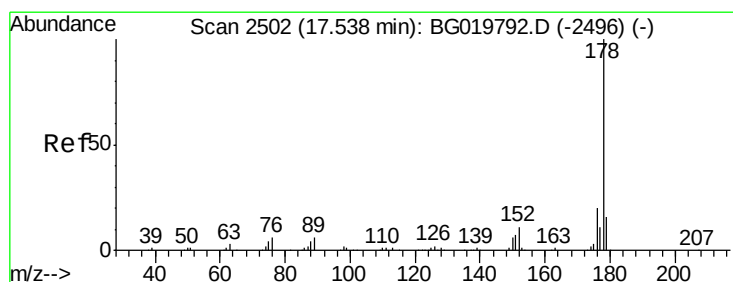
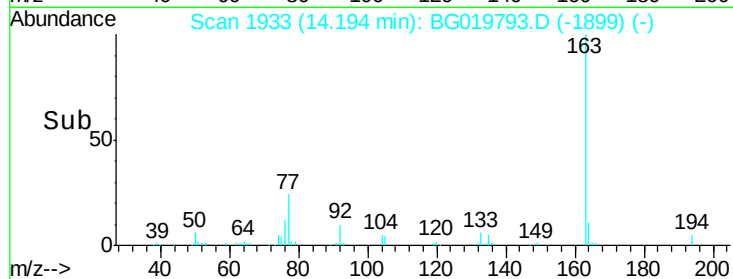
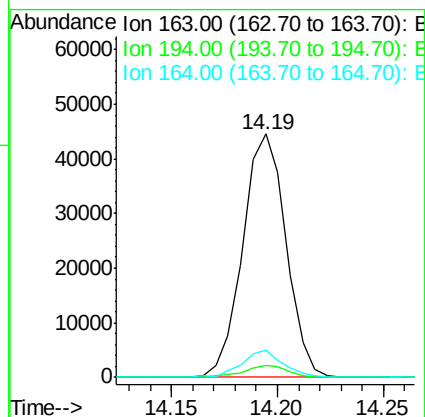
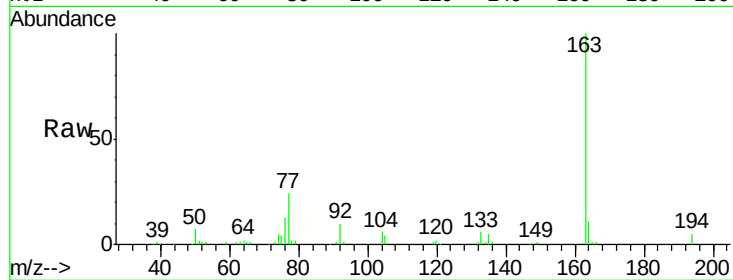
Instrument :

BNA_G

ClientSampleId :

A4J48

Tgt Ion:	163	Resp:	63327
Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.3	8.3	12.5



#70

Phenanthrene

Concen: 4.17 ng/ul

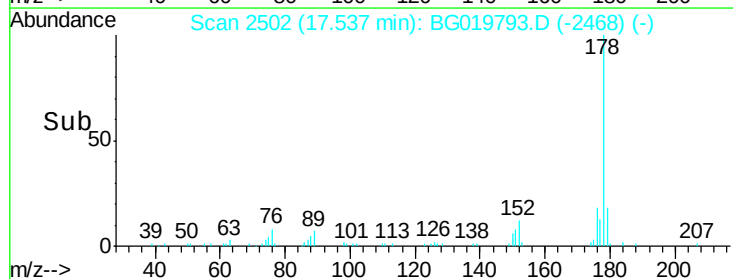
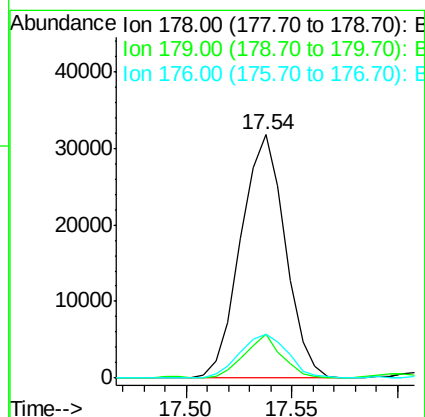
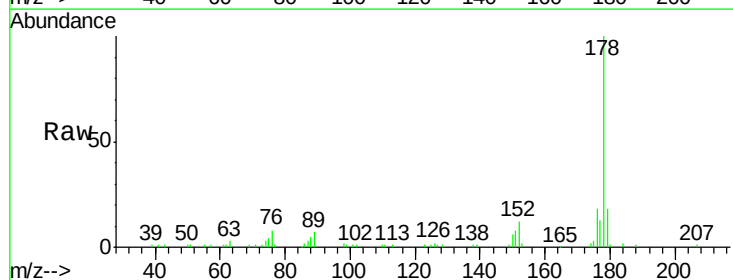
RT: 17.54 min Scan# 2502

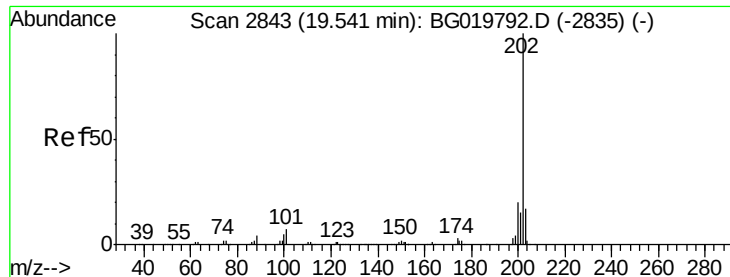
Delta R.T. -0.00 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

Tgt Ion:	178	Resp:	46491
Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.2	18.2
176	18.1	16.6	24.8

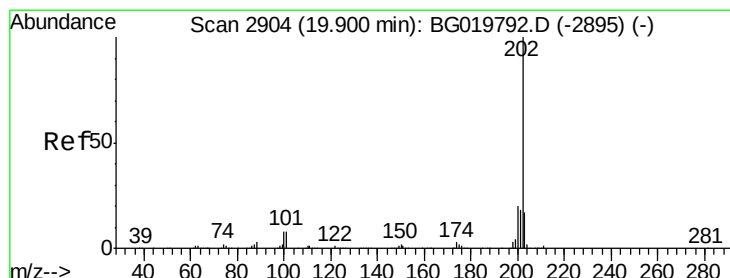
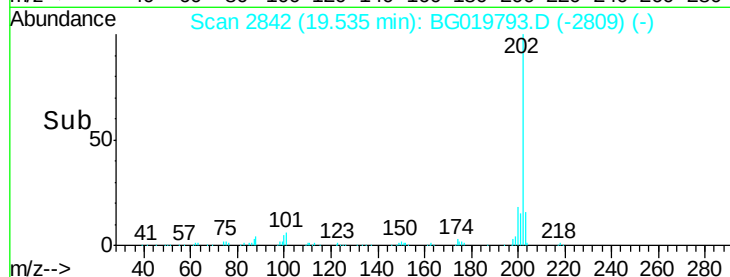
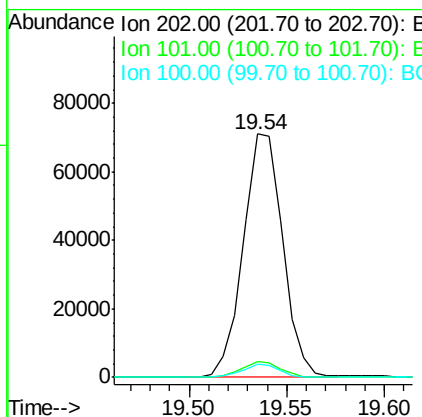
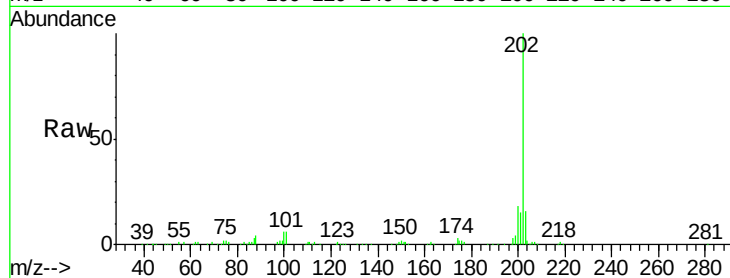




#77
 Fluoranthene
 Concen: 7.01 ng/ul
 RT: 19.54 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BG019793.D
 Acq: 22 Nov 2015 22:39

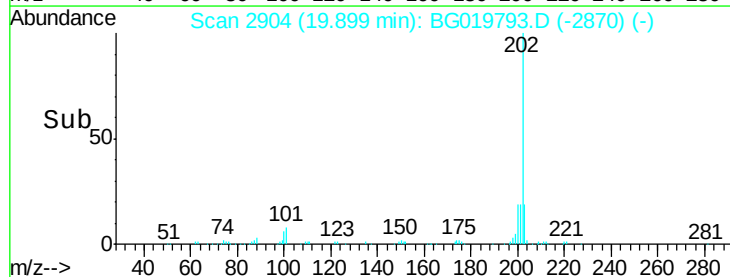
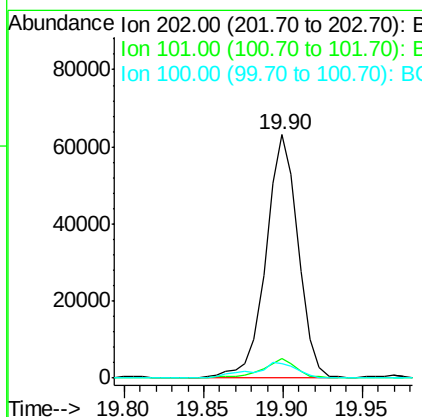
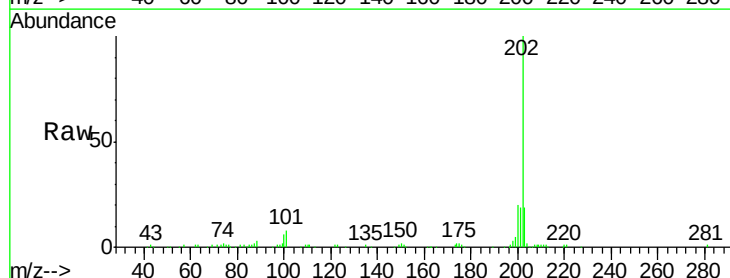
Instrument :
 BNA_G
 ClientSampleId :
 A4J48

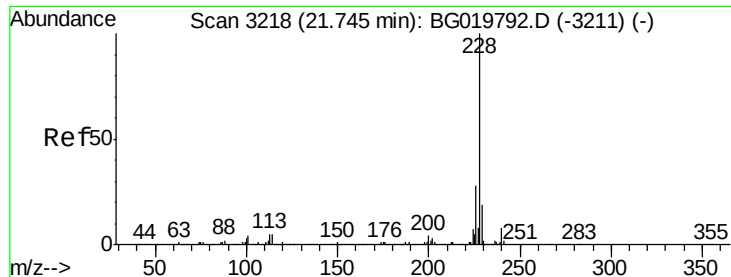
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.2	7.8
100	5.7	5.0	7.4



#80
 Pyrene
 Concen: 5.72 ng/ul
 RT: 19.90 min Scan# 2904
 Delta R.T. -0.00 min
 Lab File: BG019793.D
 Acq: 22 Nov 2015 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.0	10.6
100	6.1	6.6	10.0#





#83

Benzo(a)anthracene

Concen: 2.96 ng/ul

RT: 21.74 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

Instrument :

BNA_G

ClientSampleId :

A4J48

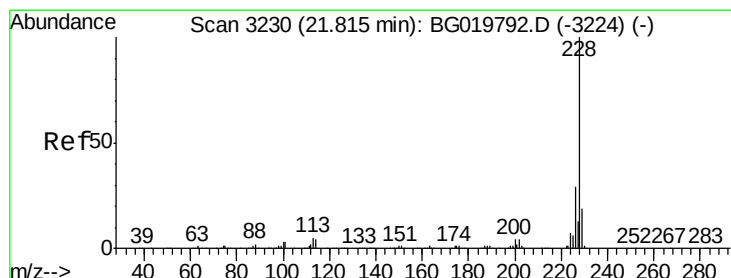
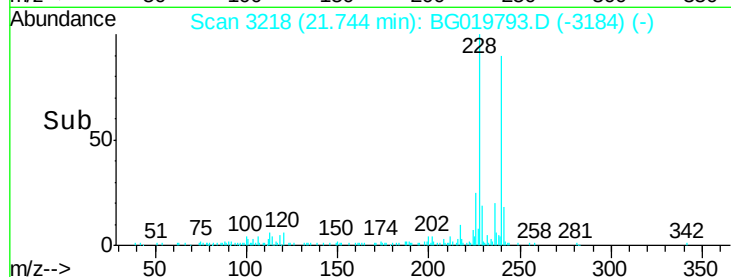
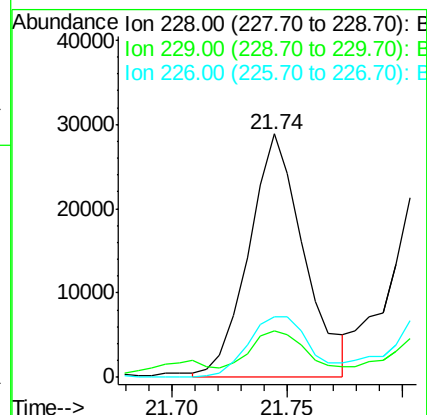
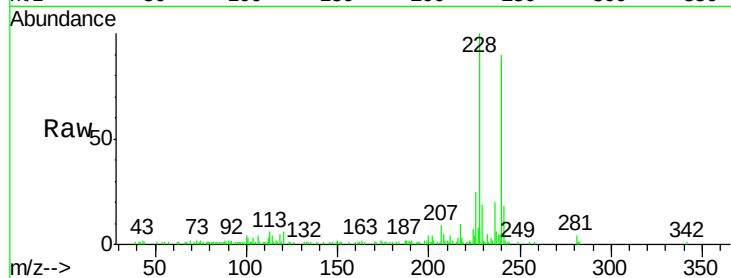
Tgt Ion:228 Resp: 48073

Ion Ratio Lower Upper

228 100

229 19.1 15.7 23.5

226 25.0 22.6 33.8



#85

Chrysene

Concen: 3.23 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

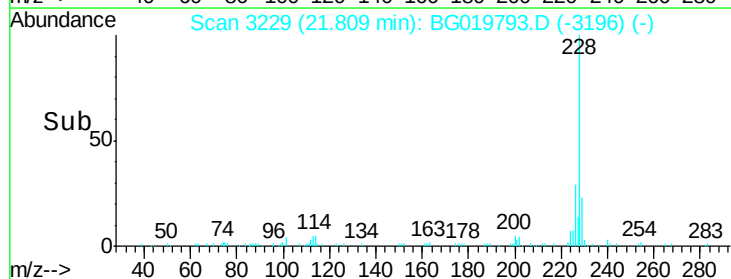
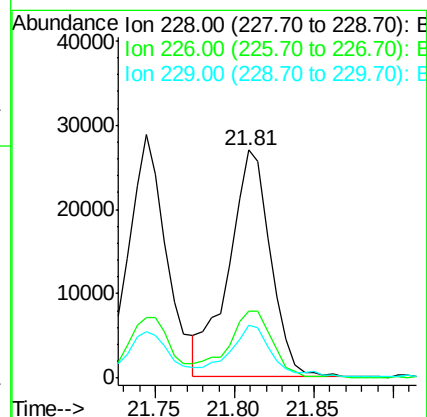
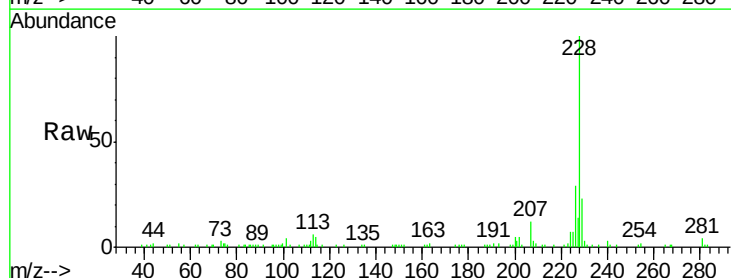
Tgt Ion:228 Resp: 49267

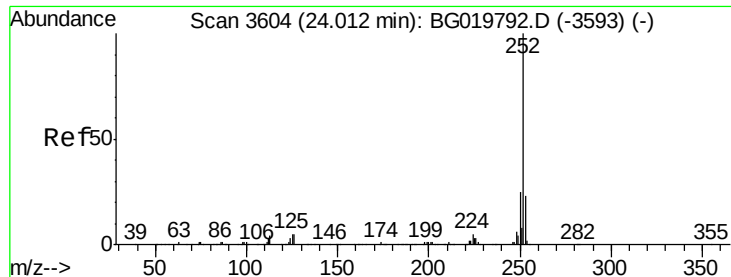
Ion Ratio Lower Upper

228 100

226 29.2 24.9 37.3

229 23.2 17.0 25.6

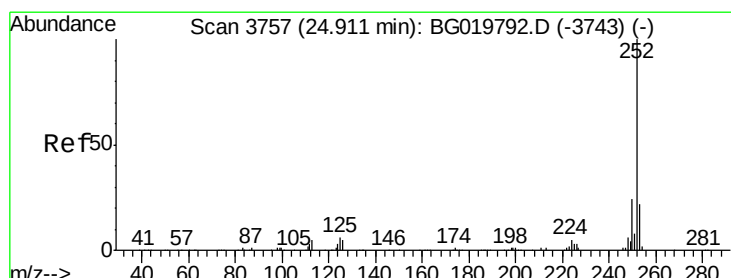
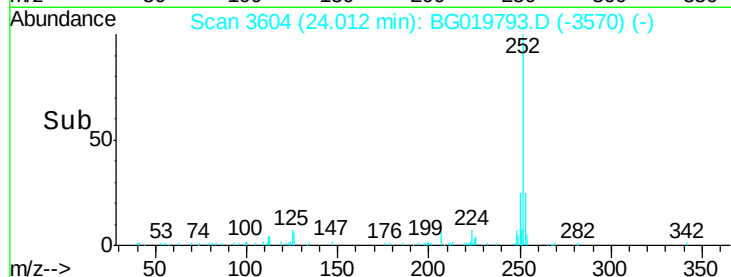
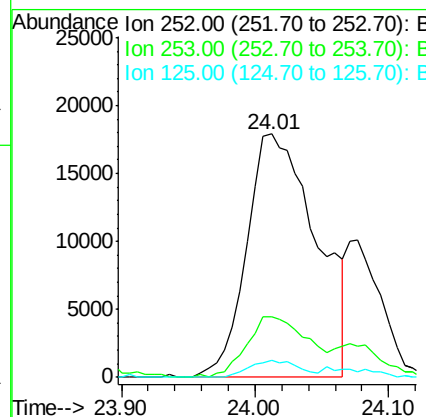
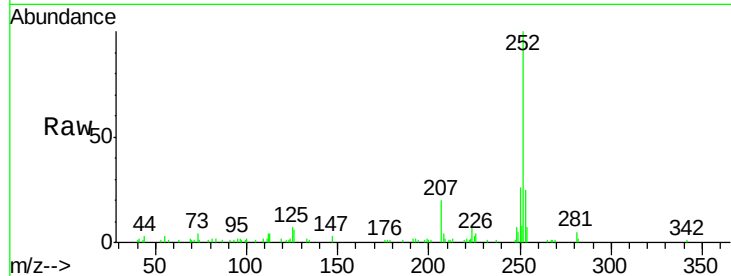




#88
Benzo(b)fluoranthene
Concen: 4.10 ng/ul
RT: 24.01 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BG019793.D
Acq: 22 Nov 2015 22:39

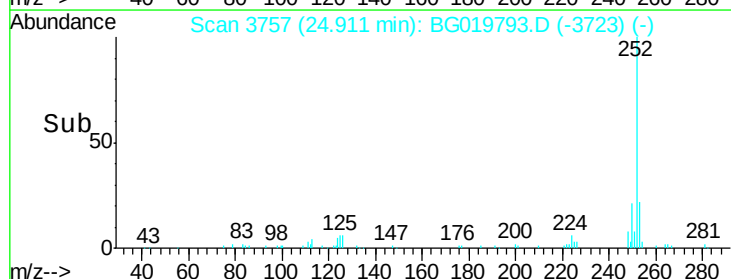
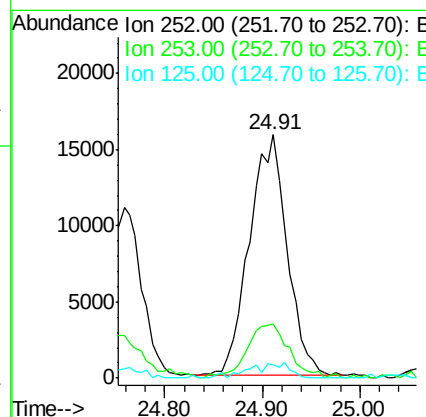
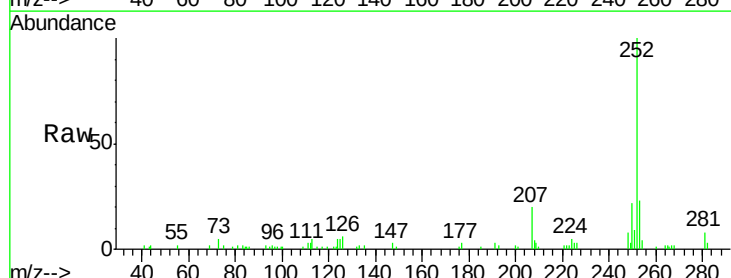
Instrument :
BNA_G
ClientSampleId :
A4J48

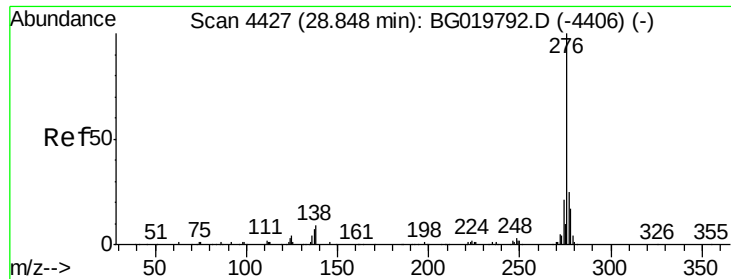
Tgt Ion:252 Resp: 64734
Ion Ratio Lower Upper
252 100
253 25.1 17.1 25.7
125 7.2 4.2 6.4#



#91
Benzo(a)pyrene
Concen: 2.81 ng/ul
RT: 24.91 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BG019793.D
Acq: 22 Nov 2015 22:39

Tgt Ion:252 Resp: 42779
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 5.4 5.4 8.0





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.58 ng/ul

RT: 28.84 min Scan# 4426

Delta R.T. -0.01 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

Instrument :

BNA_G

ClientSampleId :

A4J48

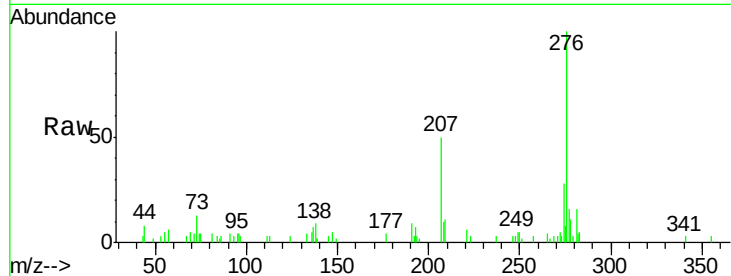
Tgt Ion:276 Resp: 26913

Ion Ratio Lower Upper

276 100

138 11.5 9.9 14.9

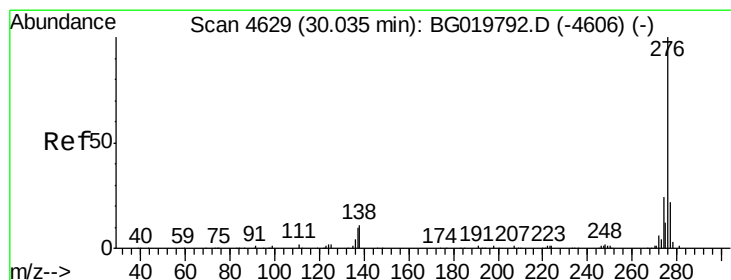
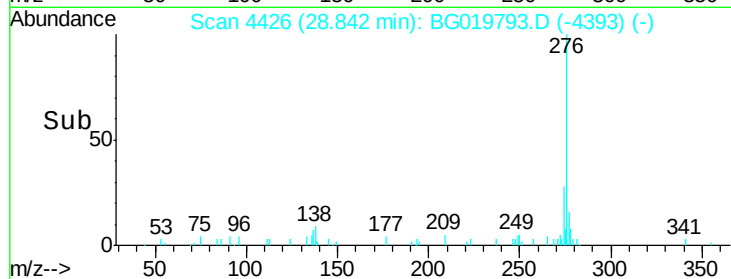
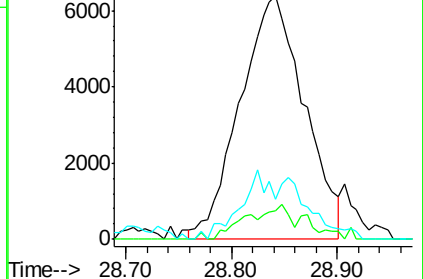
277 16.4 21.3 31.9#



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



#94

Benzo(g,h,i)perylene

Concen: 1.17 ng/ul

RT: 30.02 min Scan# 4627

Delta R.T. -0.01 min

Lab File: BG019793.D

Acq: 22 Nov 2015 22:39

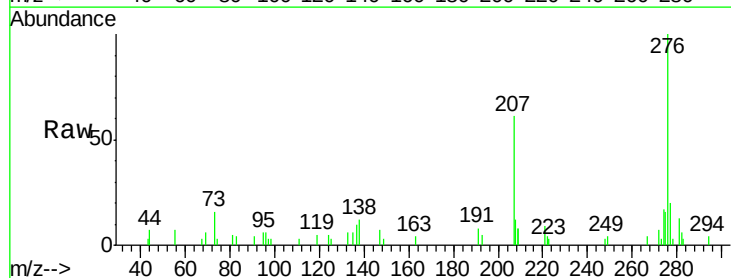
Tgt Ion:276 Resp: 16471

Ion Ratio Lower Upper

276 100

138 12.1 9.2 13.8

277 20.5 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

