

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
 Data File : BG020786.D
 Acq On : 4 Feb 2016 14:32
 Operator : SJ/IZ
 Sample : H1334-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG01

Quant Time: Feb 05 04:19:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19327	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	96782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56750	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	114617	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	101051	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	93472	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1041	2.58	ng/uL	0.00
5) Phenol-d5	7.41	99	24990	12.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	14615	14.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20653	13.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	21720	12.73	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	9736	16.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	7446	14.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	19076	13.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	30534	15.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	66766	13.77	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	88452	14.97	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	8787	10.25	ng/ul	0.00
58) Fluorene-d10	15.87	176	61163	14.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3834	10.13	ng/ul	0.00
71) Anthracene-d10	17.72	188	89056	15.80	ng/ul	0.00
79) Pyrene-d10	19.98	212	86750	15.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	83712	16.71	ng/ul	0.00

Target Compounds

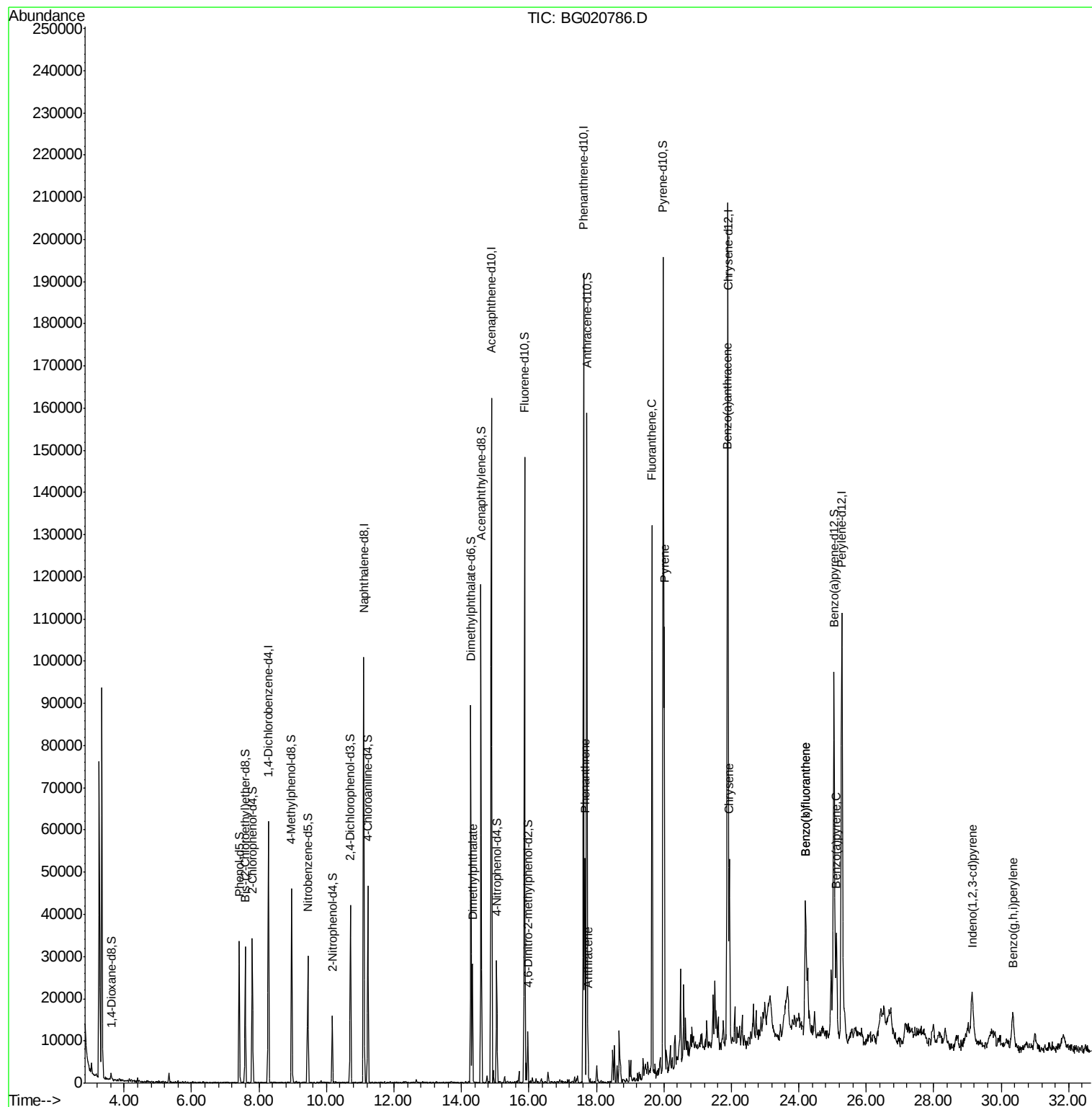
						Qvalue
45) Dimethylphthalate	14.33	163	22040	4.36	ng/ul#	96
70) Phenanthrene	17.66	178	33506	4.66	ng/ul	98
72) Anthracene	17.75	178	8369	1.16	ng/ul	97
77) Fluoranthene	19.65	202	73248	9.91	ng/ul#	79
80) Pyrene	20.01	202	60625	7.94	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	31185	4.79	ng/ul	99
85) Chrysene	21.95	228	31272	5.17	ng/ul	97
88) Benzo(b)fluoranthene	24.20	252	36501	5.96	ng/ul#	91
89) Benzo(k)fluoranthene	24.20	252	36501	6.08	ng/ul#	90
91) Benzo(a)pyrene	25.11	252	25151	4.29	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.13	276	16574	2.42	ng/ul#	82
94) Benzo(g,h,i)perylene	30.35	276	14722	2.62	ng/ul#	85

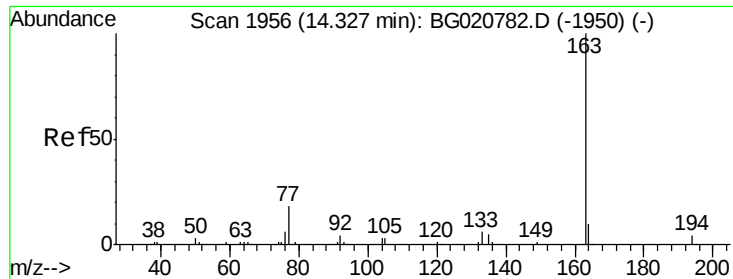
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
Data File : BG020786.D
Acq On : 4 Feb 2016 14:32
Operator : SJ/IZ
Sample : H1334-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BBG01

Quant Time: Feb 05 04:19:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 04:10:17 2016
Response via : Initial Calibration

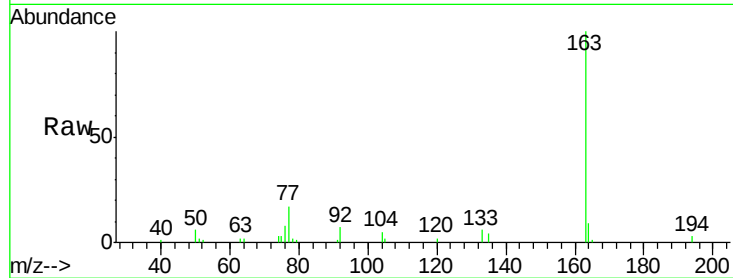




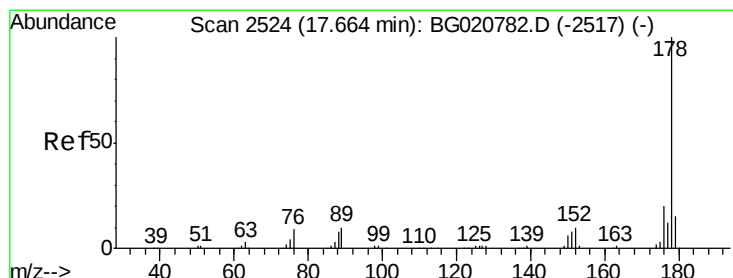
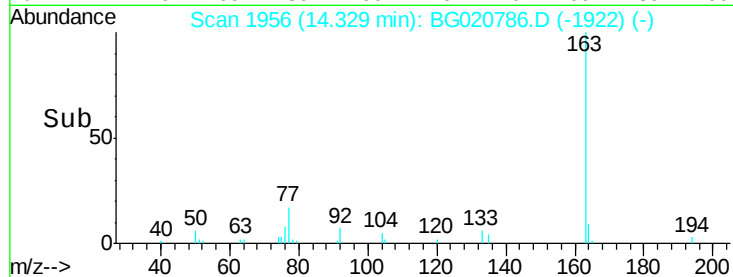
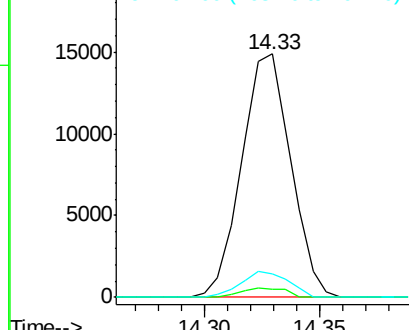
#45
Dimethylphthalate
Concen: 4.36 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Instrument :
BNA_G
ClientSampleId :
BBG01

Tgt Ion:163 Resp: 22040
Ion Ratio Lower Upper
163 100
194 3.1 4.0 6.0#
164 9.4 8.4 12.6

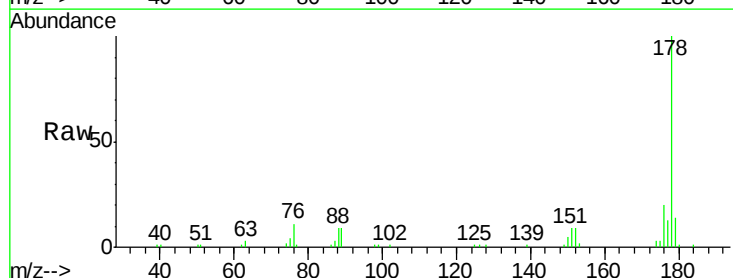


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

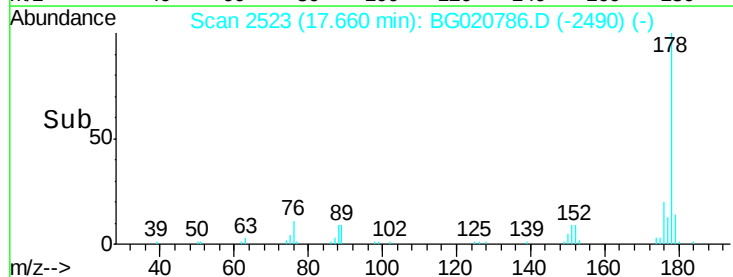
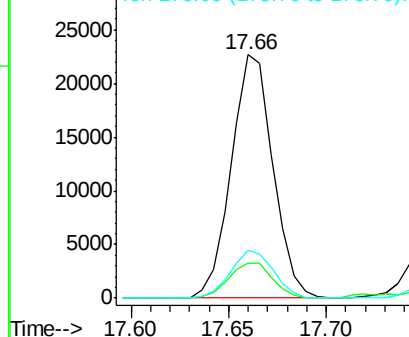


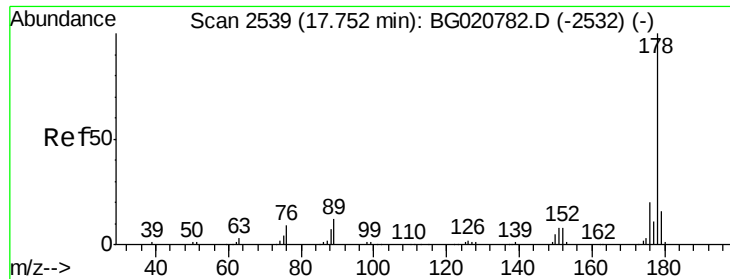
#70
Phenanthrene
Concen: 4.66 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion:178 Resp: 33506
Ion Ratio Lower Upper
178 100
179 14.4 12.3 18.5
176 19.6 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





#72

Anthracene

Concen: 1.16 ng/ul

RT: 17.75 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

Instrument :

BNA_G

ClientSampleId :

BBG01

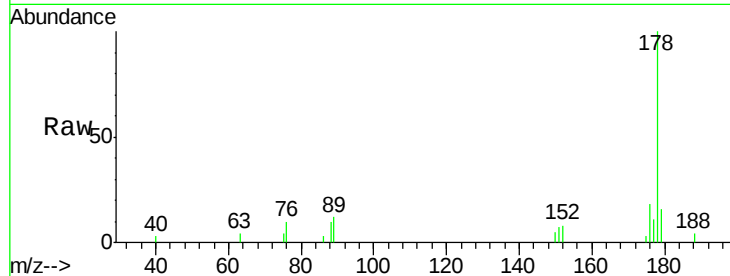
Tgt Ion:178 Resp: 8369

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

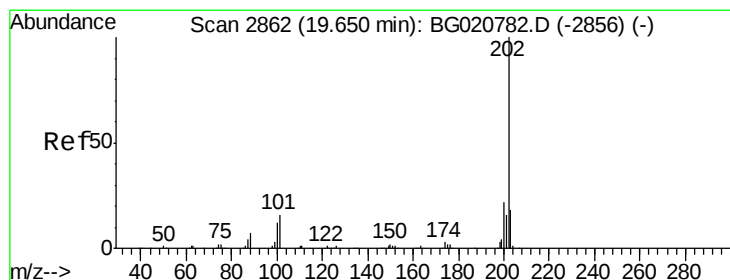
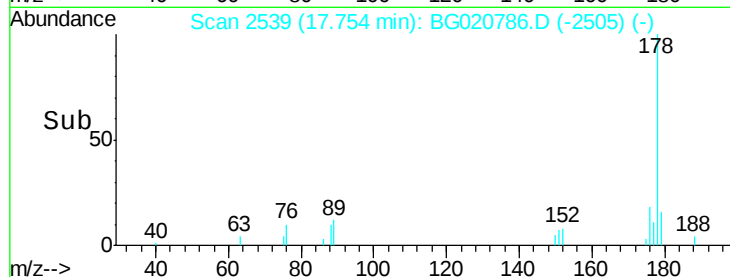
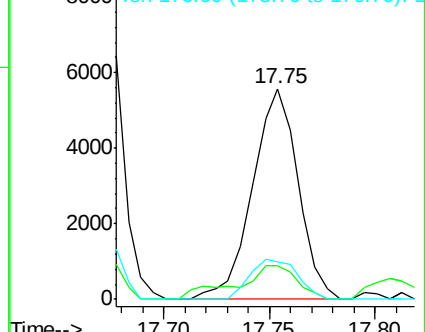
176 17.7 15.4 23.0



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: 9.91 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

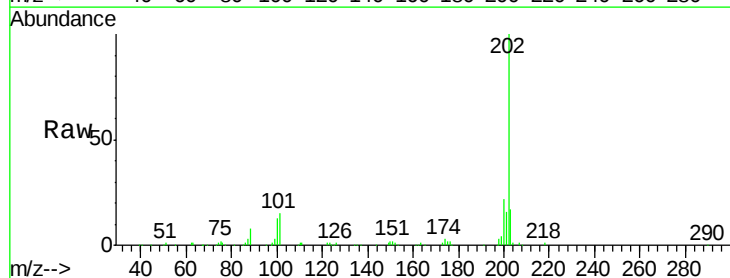
Tgt Ion:202 Resp: 73248

Ion Ratio Lower Upper

202 100

101 15.0 6.1 9.1#

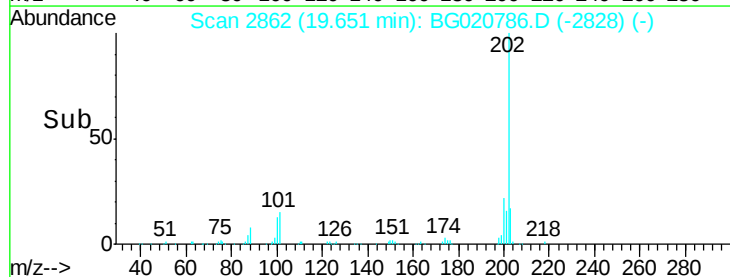
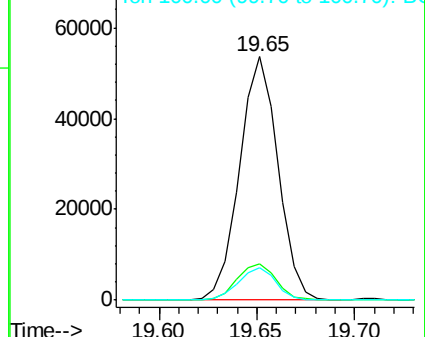
100 13.1 4.6 7.0#

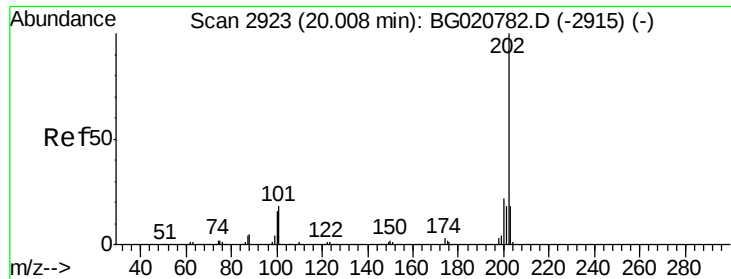


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

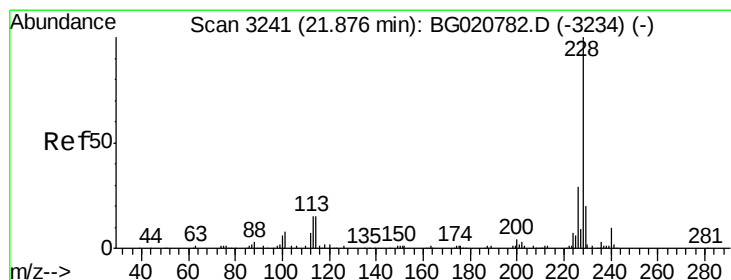
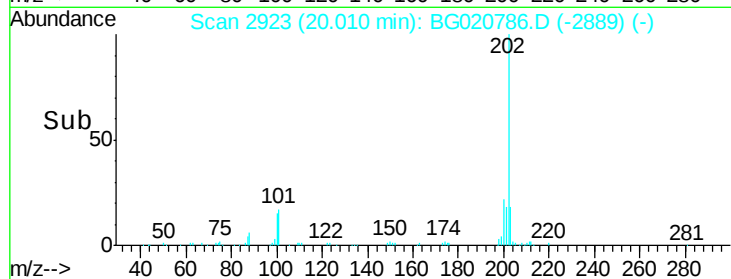
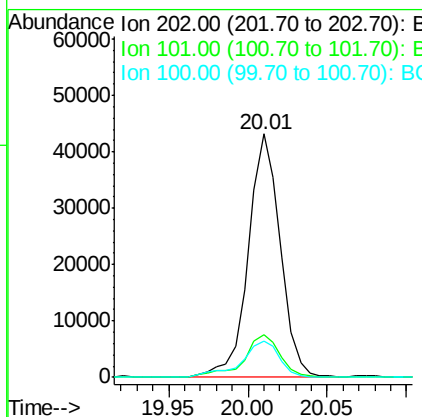
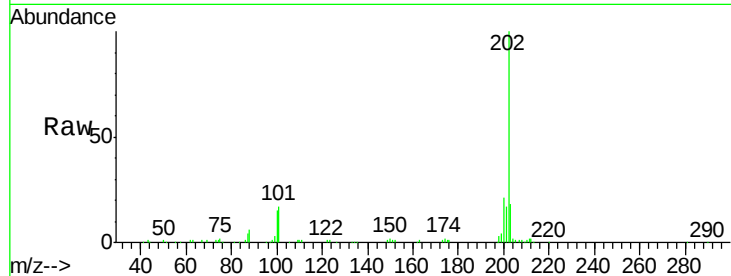




#80
 Pyrene
 Concen: 7.94 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. 0.00 min
 Lab File: BG020786.D
 Acq: 4 Feb 2016 14:32

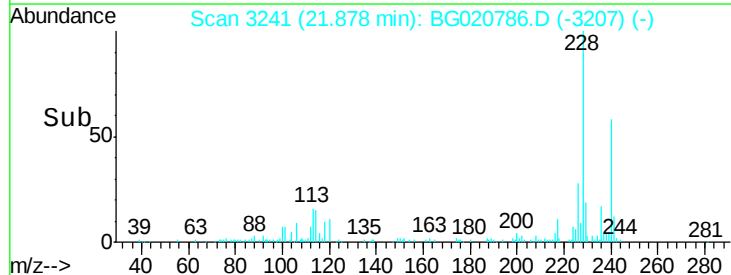
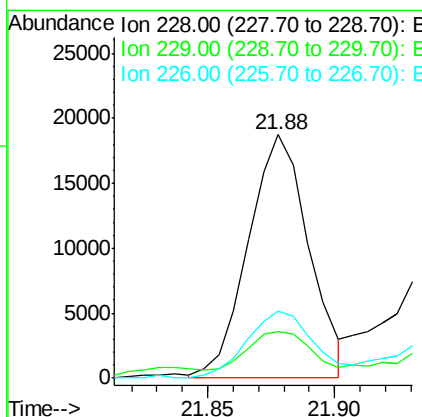
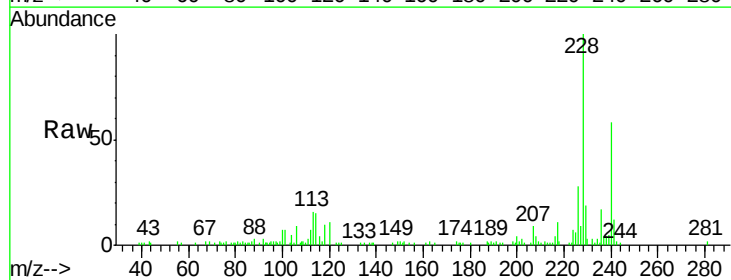
Instrument :
 BNA_G
 ClientSampleId :
 BBG01

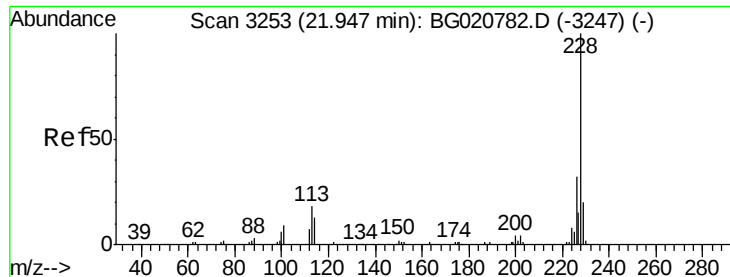
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.3	6.9	10.3#
100	15.0	5.6	8.4#



#83
 Benzo(a)anthracene
 Concen: 4.79 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG020786.D
 Acq: 4 Feb 2016 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.2	16.0	24.0
226	27.6	21.8	32.8





#85

Chrysene

Concen: 5.17 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

Instrument :

BNA_G

ClientSampled :

BBG01

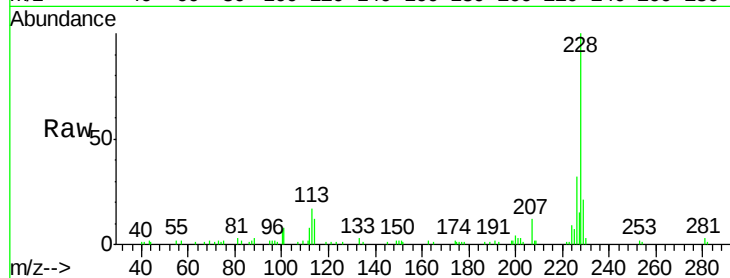
Tgt Ion:228 Resp: 31272

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

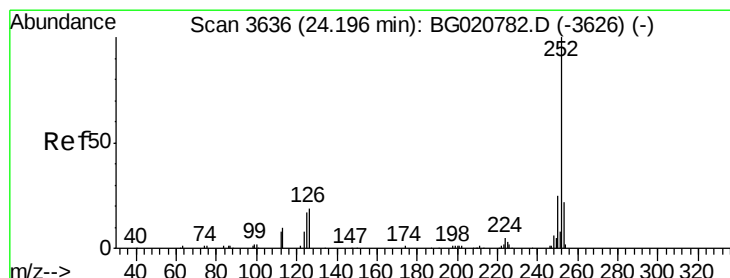
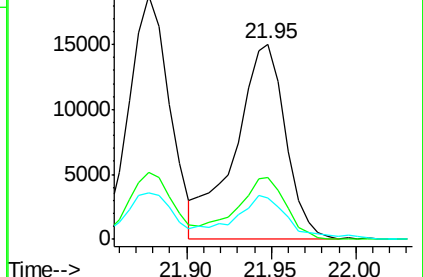
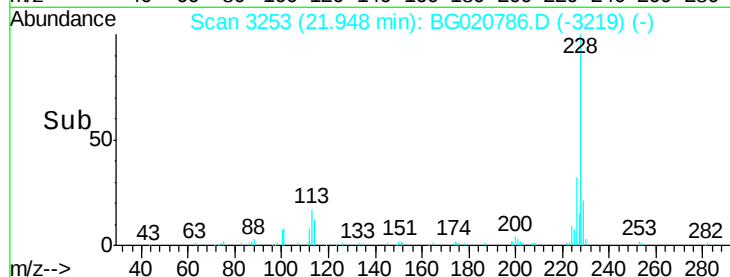
229 21.4 16.0 24.0



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: 5.96 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. 0.00 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

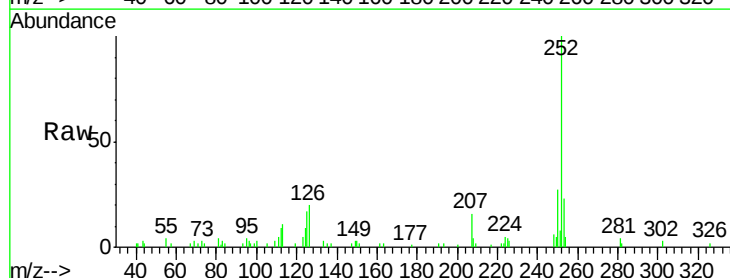
Tgt Ion:252 Resp: 36501

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

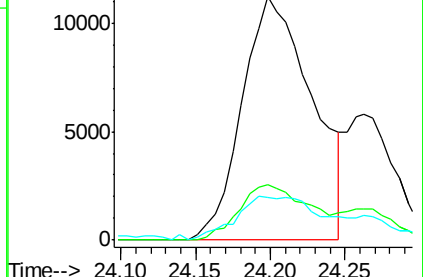
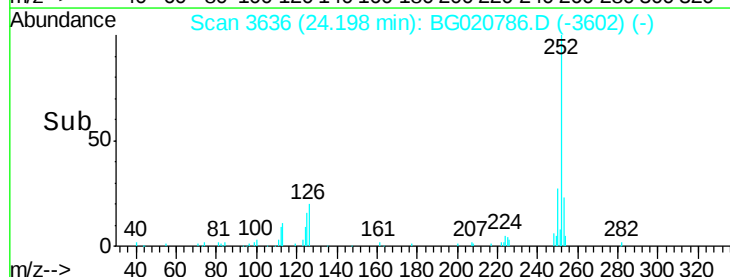
125 17.4 4.9 7.3#

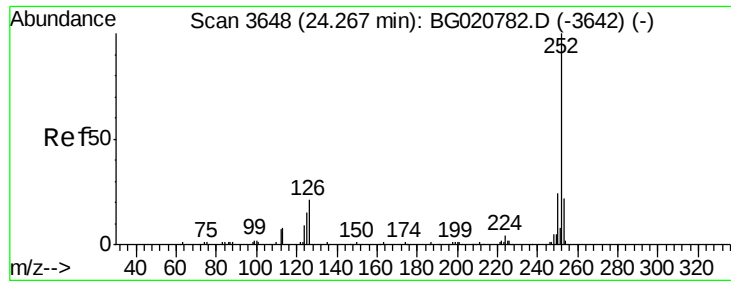


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.08 ng/uI

RT: 24.20 min Scan# 3636

Delta R.T. -0.07 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

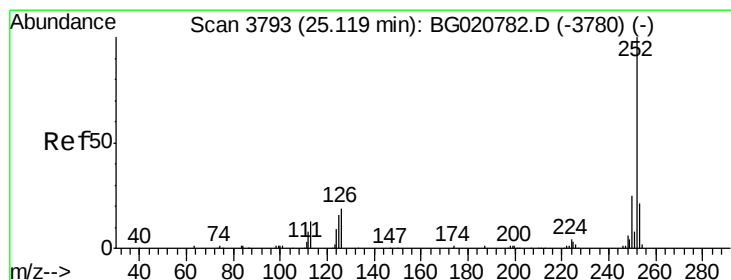
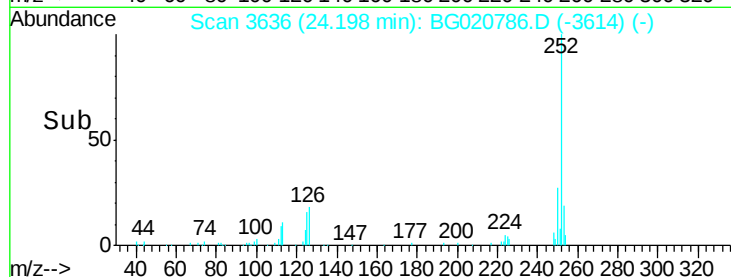
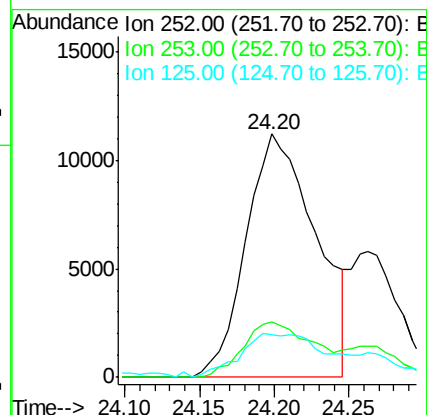
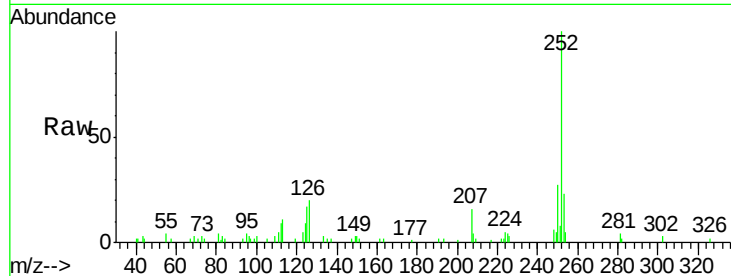
Instrument :

BNA_G

ClientSampleId :

BBG01

Tgt Ion:	252	Resp:	36501
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	17.4	5.4	8.0#



#91

Benzo(a)pyrene

Concen: 4.29 ng/uI

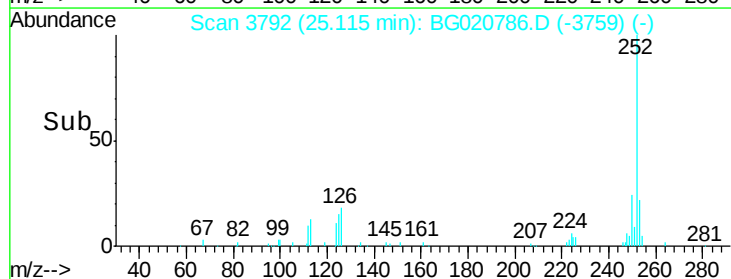
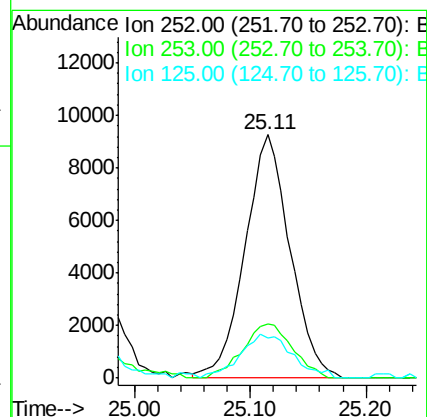
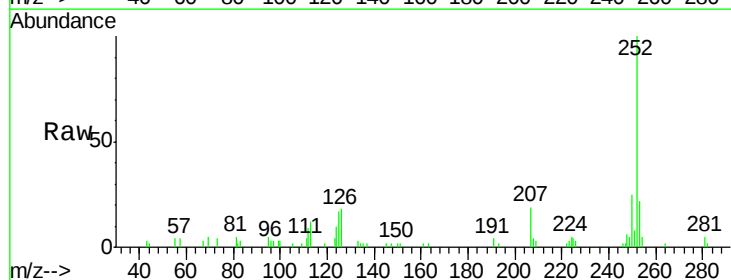
RT: 25.11 min Scan# 3792

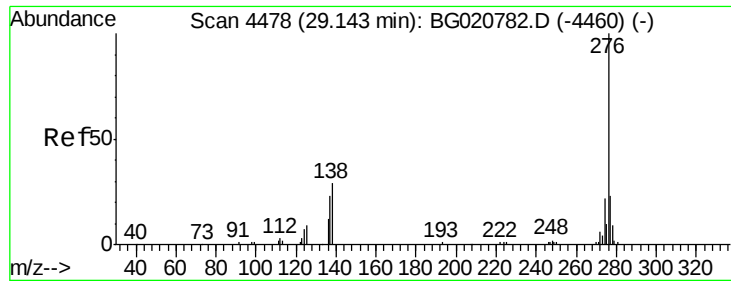
Delta R.T. -0.00 min

Lab File: BG020786.D

Acq: 4 Feb 2016 14:32

Tgt Ion:	252	Resp:	25151
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	16.7	5.8	8.6#



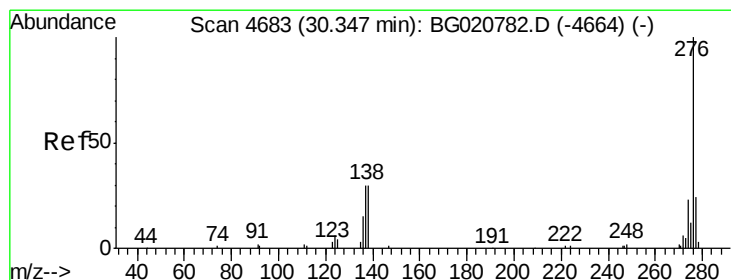
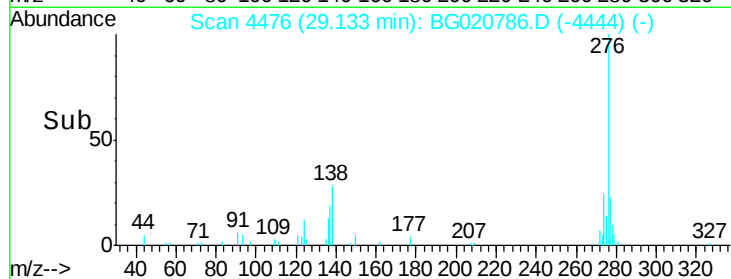
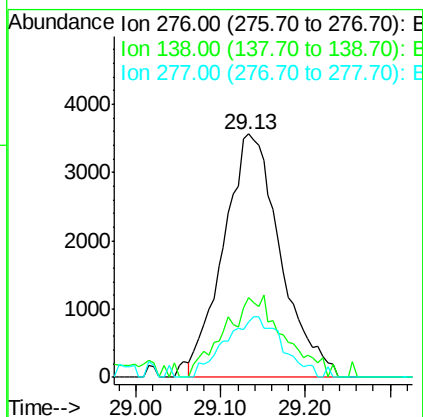
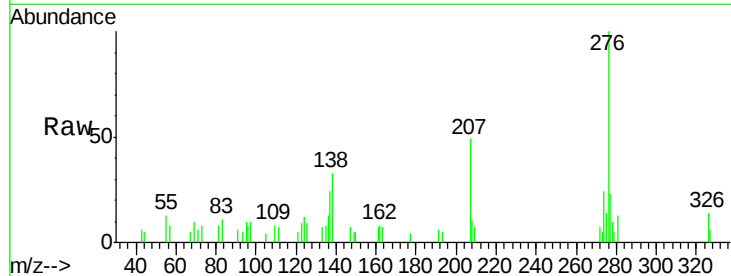


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng/ul
RT: 29.13 min Scan# 4476
Delta R.T. -0.01 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Instrument :
BNA_G
ClientSampleId :
BBG01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	10.9	16.3#
277	22.7	18.9	28.3



#94

Benzo(g,h,i)perylene
Concen: 2.62 ng/ul
RT: 30.35 min Scan# 4683
Delta R.T. 0.00 min
Lab File: BG020786.D
Acq: 4 Feb 2016 14:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.1	11.2	16.8#
277	24.2	19.0	28.6

