

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
 Data File : BG020787.D
 Acq On : 4 Feb 2016 15:12
 Operator : SJ/IZ
 Sample : H1334-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG02

Quant Time: Feb 05 04:19:43 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	22055	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	106375	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	60073	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	115425	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	102352	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	96292	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1147	2.49	ng/uL	0.00
5) Phenol-d5	7.41	99	29591	13.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	16764	14.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23996	14.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	24762	12.72	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	10992	16.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	9186	16.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22669	14.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	30683	14.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	74454	14.51	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	98053	15.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10200	11.24	ng/ul	0.00
58) Fluorene-d10	15.87	176	67023	14.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4199	11.02	ng/ul	0.00
71) Anthracene-d10	17.72	188	94998	16.74	ng/ul	0.00
79) Pyrene-d10	19.98	212	92802	16.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	87331	16.92	ng/ul	0.00

Target Compounds

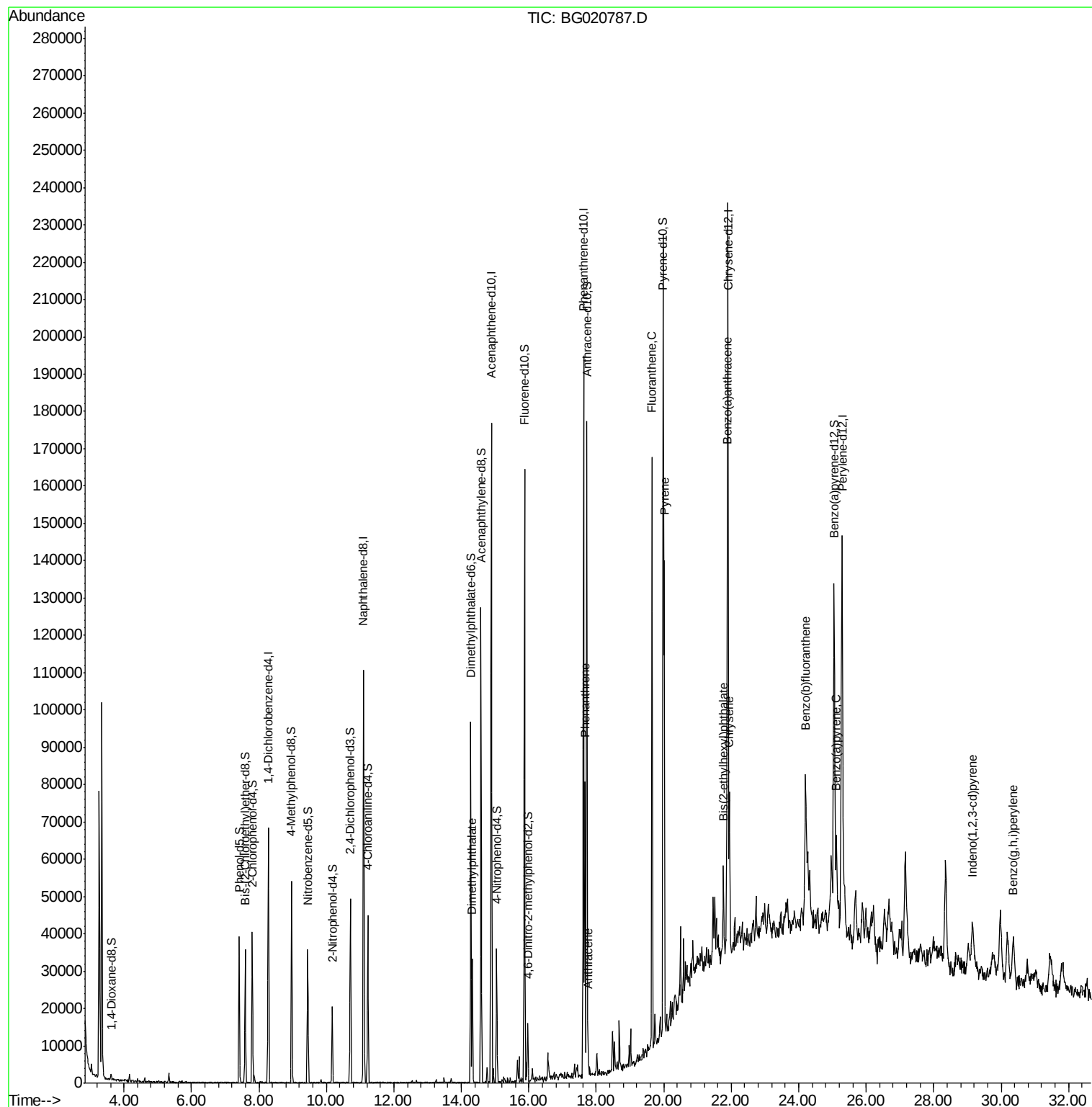
						Qvalue
45) Dimethylphthalate	14.32	163	24312	4.54	ng/ul#	97
70) Phenanthrene	17.66	178	48391	6.68	ng/ul	99
72) Anthracene	17.76	178	7828	1.08	ng/ul	97
77) Fluoranthene	19.65	202	89721	12.05	ng/ul#	82
80) Pyrene	20.01	202	72531	9.37	ng/ul#	73
83) Benzo(a)anthracene	21.88	228	26030	3.95	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.77	149	8871	1.89	ng/ul#	93
85) Chrysene	21.95	228	29121	4.76	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	35354	5.60	ng/ul#	88
91) Benzo(a)pyrene	25.12	252	22821	3.78	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	29.15	276	17299	2.45	ng/ul#	82
94) Benzo(g,h,i)perylene	30.37	276	17843	3.08	ng/ul#	83

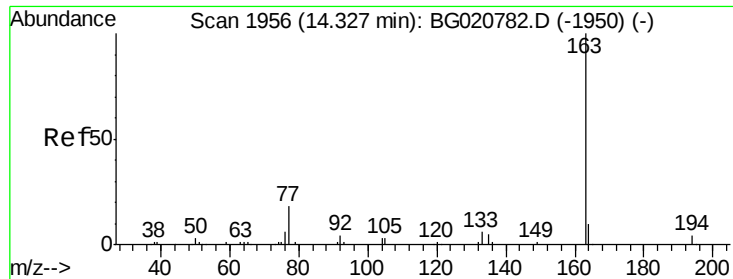
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.54 ng/ul

RT: 14.32 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

Instrument :

BNA_G

ClientSampleId :

BBG02

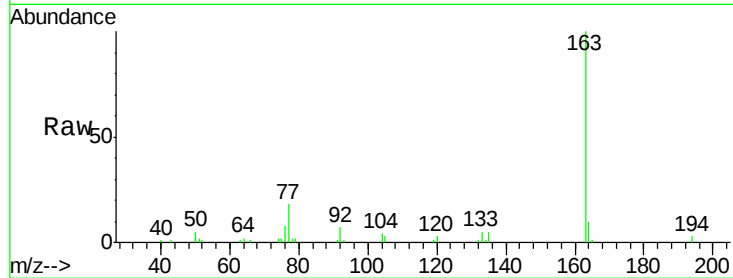
Tgt Ion:163 Resp: 24312

Ion Ratio Lower Upper

163 100

194 3.2 4.0 6.0#

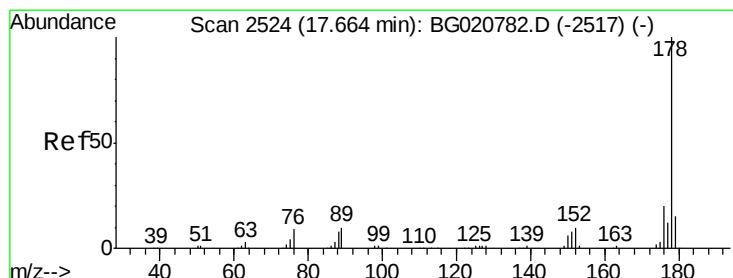
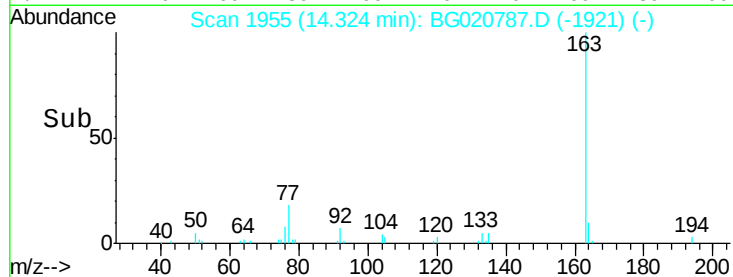
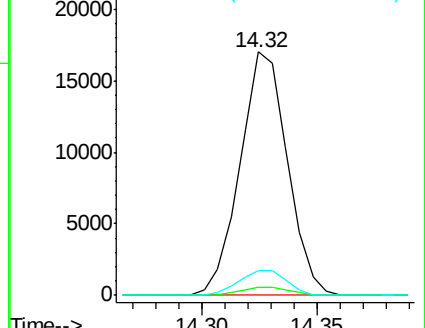
164 10.1 8.4 12.6



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: 6.68 ng/ul

RT: 17.66 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

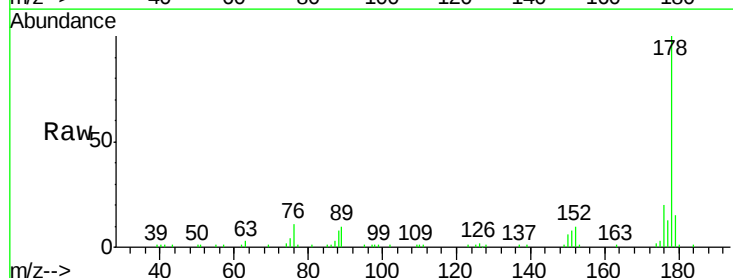
Tgt Ion:178 Resp: 48391

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

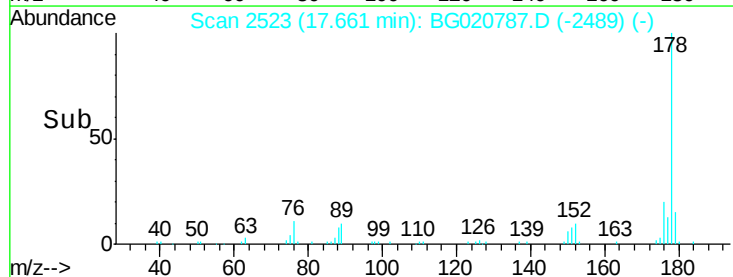
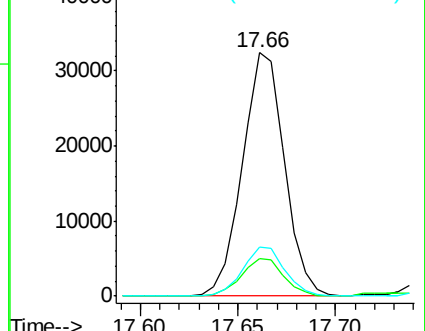
176 20.3 15.4 23.0

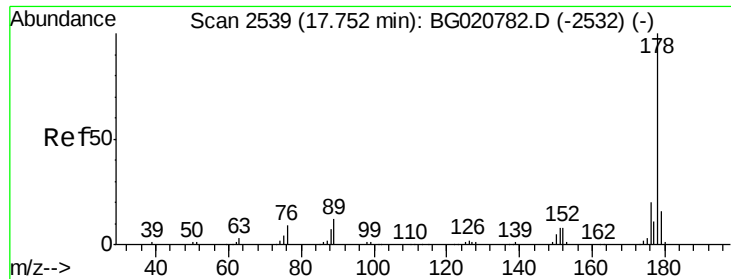


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.08 ng/ul

RT: 17.76 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

Instrument :

BNA_G

ClientSampleId :

BBG02

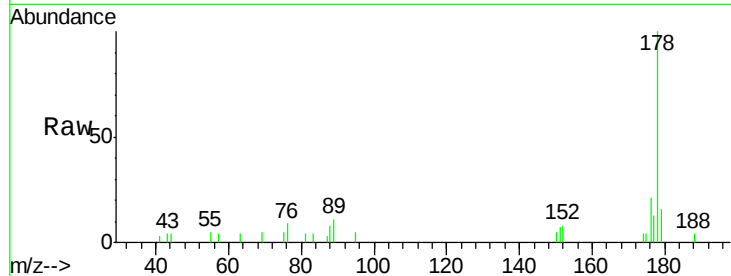
Tgt Ion:178 Resp: 7828

Ion Ratio Lower Upper

178 100

179 15.8 13.4 20.2

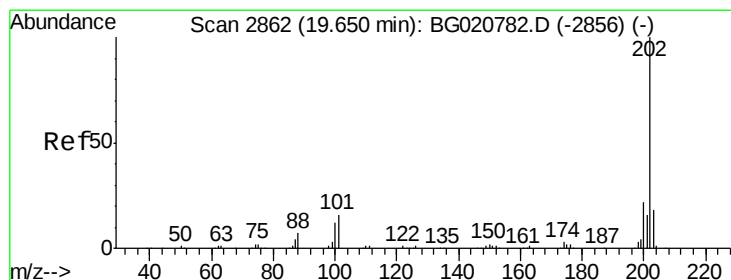
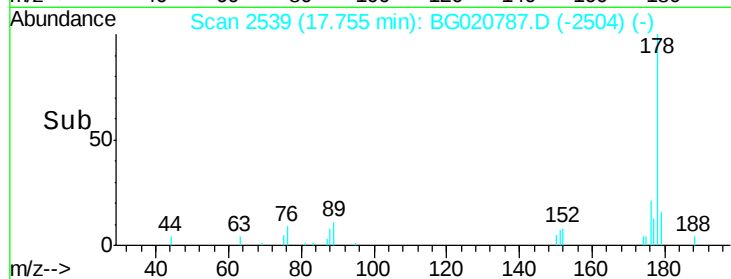
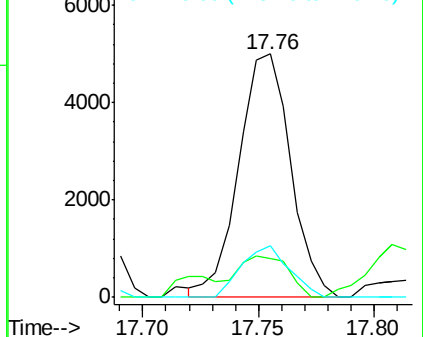
176 21.2 15.4 23.0



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: 12.05 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

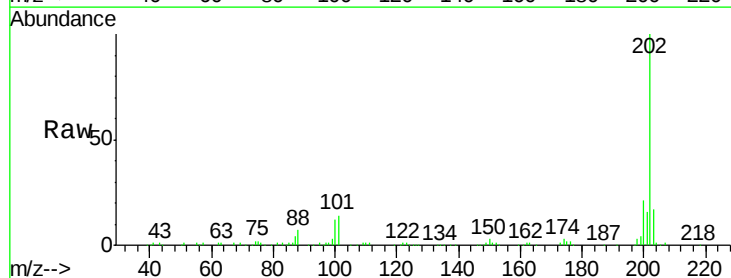
Tgt Ion:202 Resp: 89721

Ion Ratio Lower Upper

202 100

101 14.0 6.1 9.1#

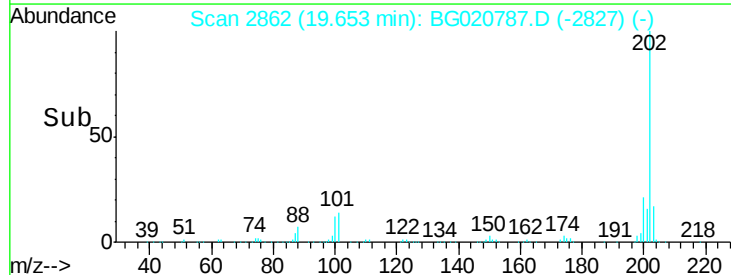
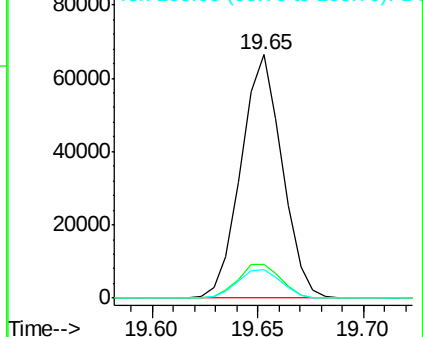
100 11.8 4.6 7.0#

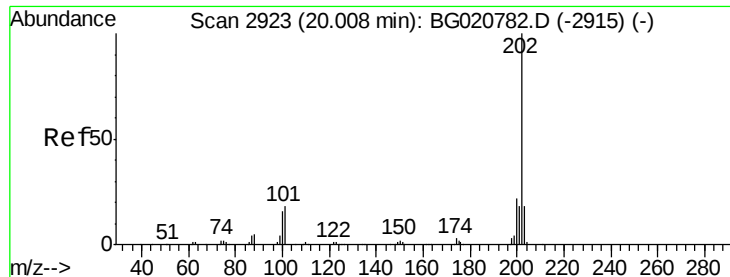


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

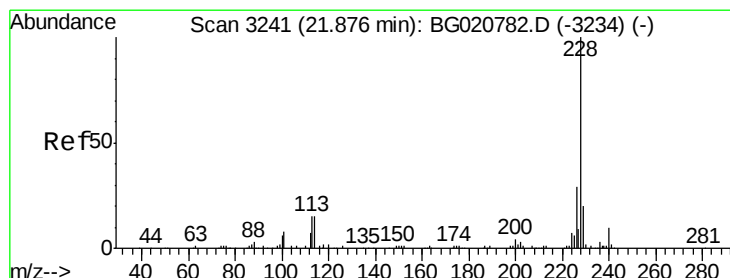
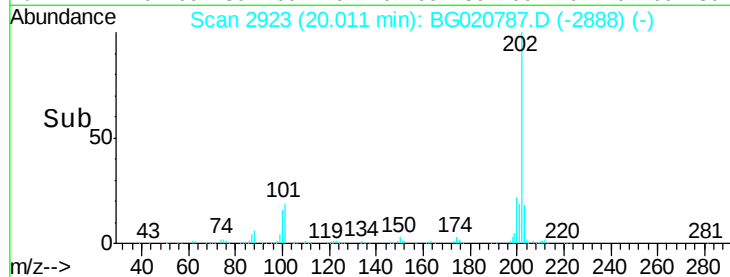
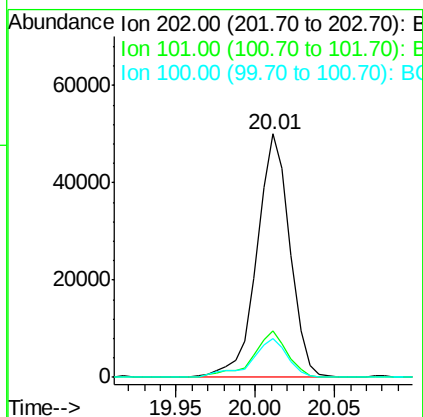
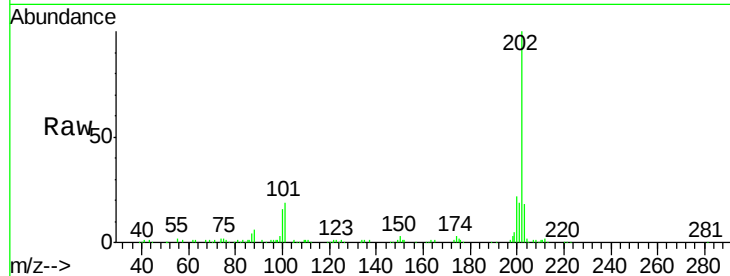




#80
 Pyrene
 Concen: 9.37 ng/ul
 RT: 20.01 min Scan# 2923
 Delta R.T. 0.00 min
 Lab File: BG020787.D
 Acq: 4 Feb 2016 15:12

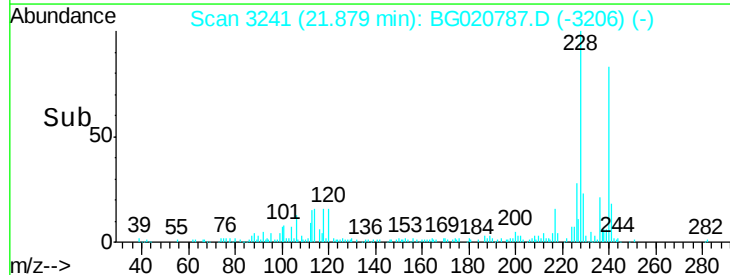
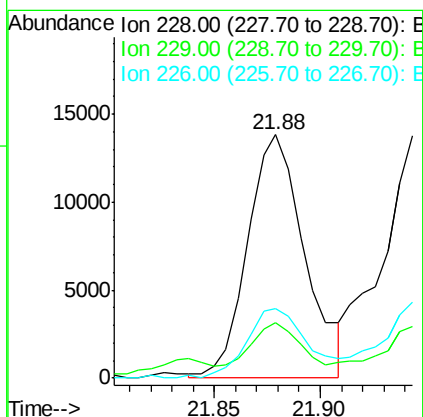
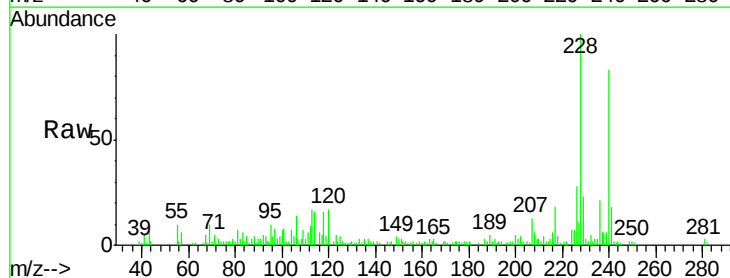
Instrument :
 BNA_G
 ClientSampleId :
 BBG02

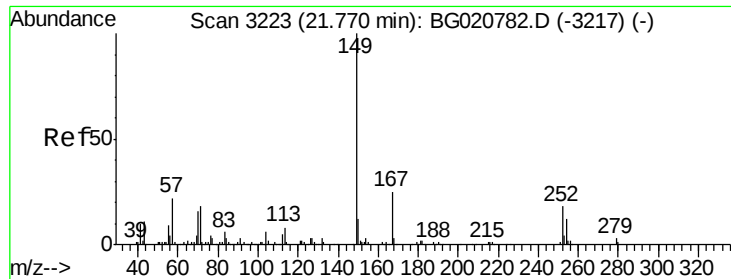
Tgt Ion:202 Resp: 72531
 Ion Ratio Lower Upper
 202 100
 101 18.8 6.9 10.3#
 100 16.0 5.6 8.4#



#83
 Benzo(a)anthracene
 Concen: 3.95 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG020787.D
 Acq: 4 Feb 2016 15:12

Tgt Ion:228 Resp: 26030
 Ion Ratio Lower Upper
 228 100
 229 22.7 16.0 24.0
 226 28.5 21.8 32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.89 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

Instrument :

BNA_G

ClientSampleId :

BBG02

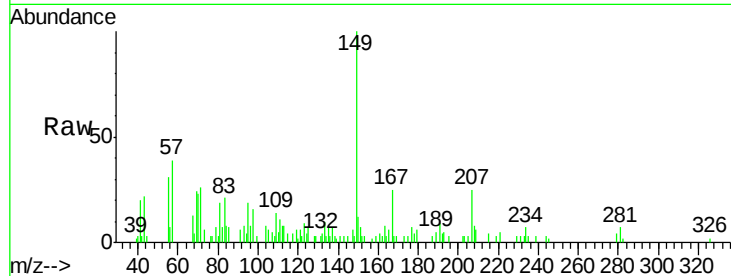
Tgt Ion:149 Resp: 8871

Ion Ratio Lower Upper

149 100

167 24.7 23.0 34.6

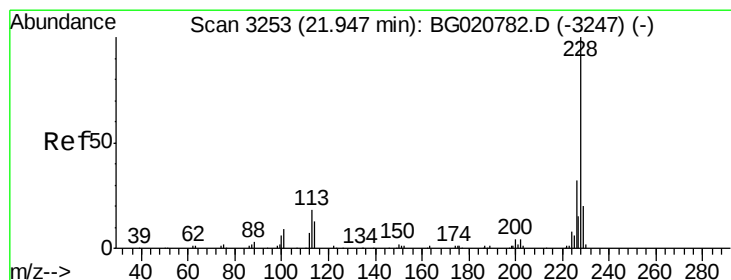
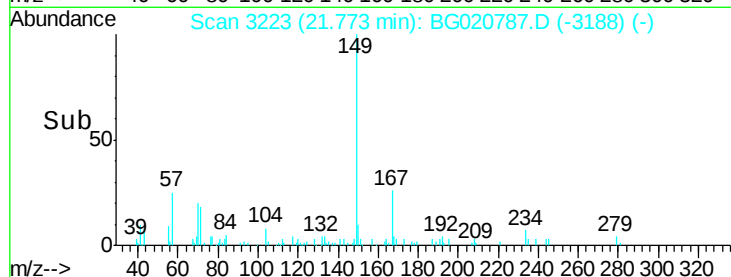
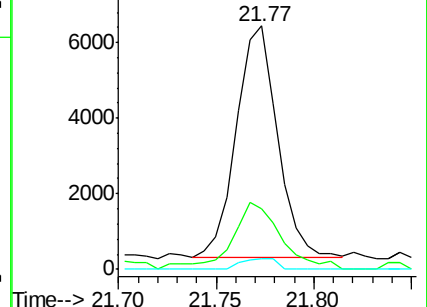
279 4.2 4.3 6.5#



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: 4.76 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

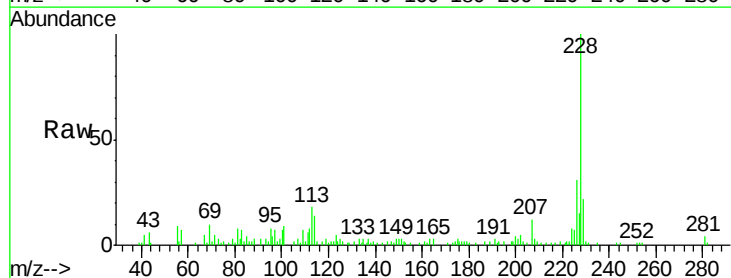
Tgt Ion:228 Resp: 29121

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

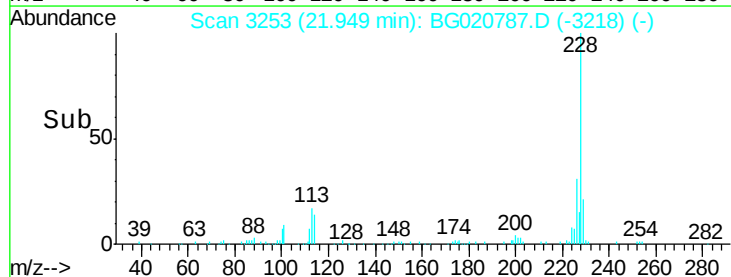
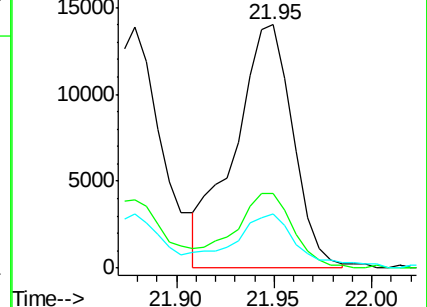
229 22.1 16.0 24.0

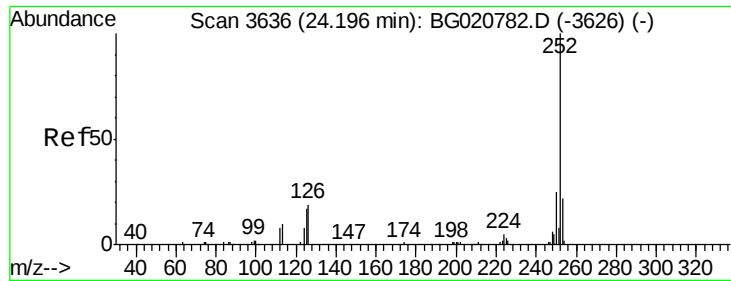


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 5.60 ng/u1

RT: 24.21 min Scan# 3637

Delta R.T. 0.01 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

Instrument :

BNA_G

ClientSampled :

BBG02

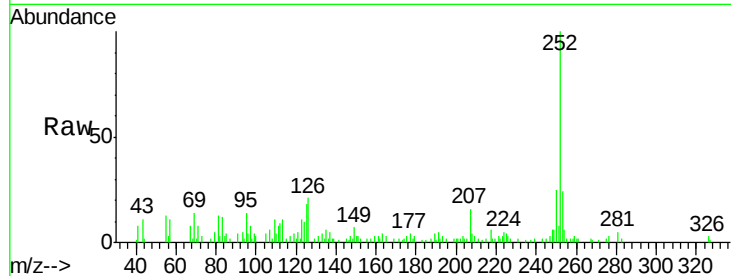
Tgt Ion:252 Resp: 35354

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

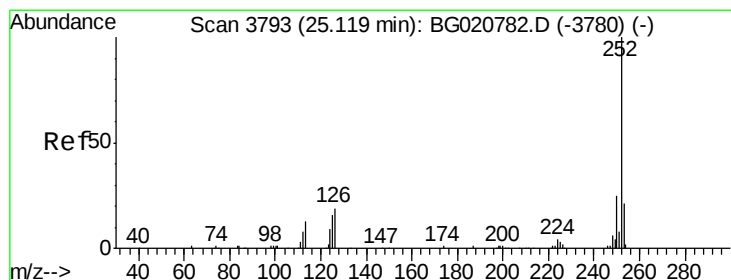
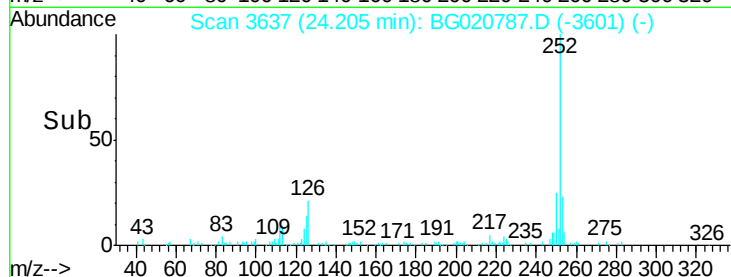
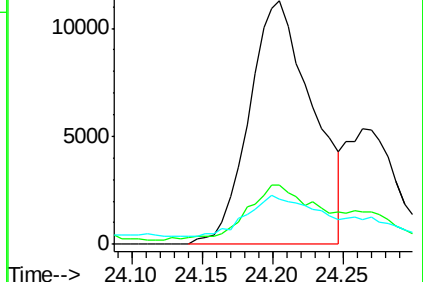
125 18.4 4.9 7.3#



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



#91

Benzo(a)pyrene

Concen: 3.78 ng/u1

RT: 25.12 min Scan# 3793

Delta R.T. 0.00 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

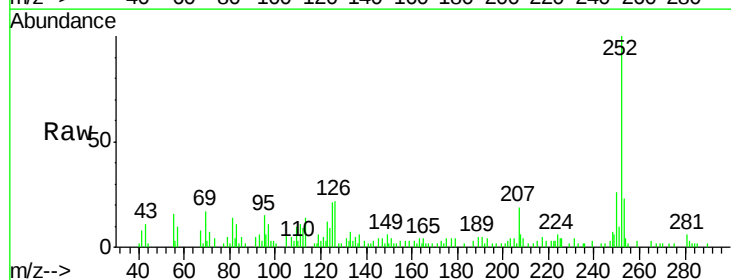
Tgt Ion:252 Resp: 22821

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

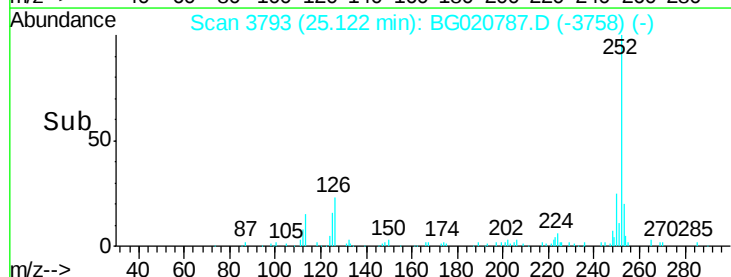
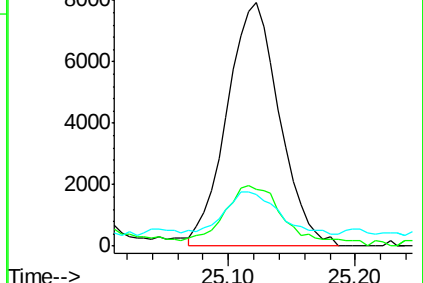
125 21.4 5.8 8.6#

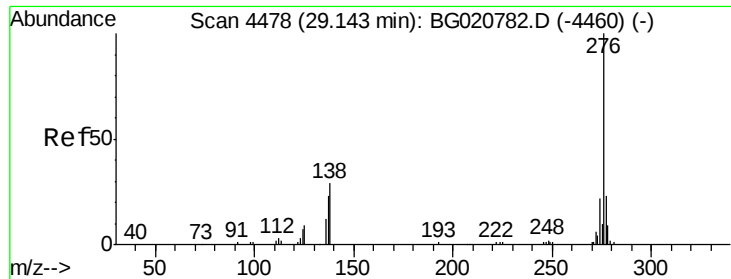


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng/ul

RT: 29.15 min Scan# 4479

Delta R.T. 0.01 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

Instrument :

BNA_G

ClientSampleId :

BBG02

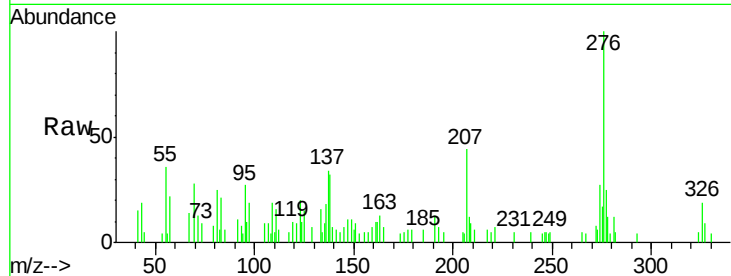
Tgt Ion:276 Resp: 17299

Ion Ratio Lower Upper

276 100

138 31.9 10.9 16.3#

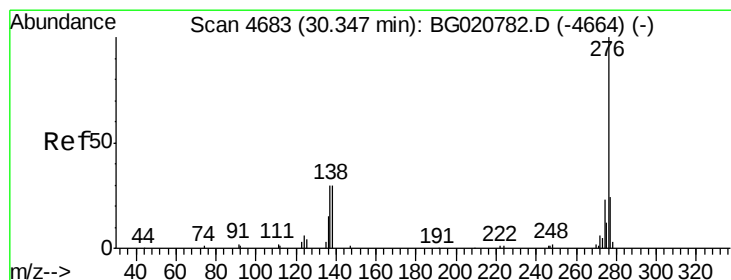
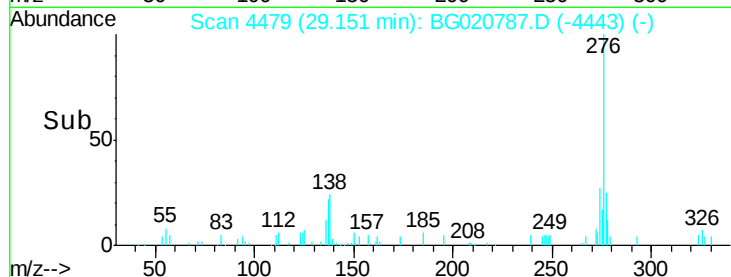
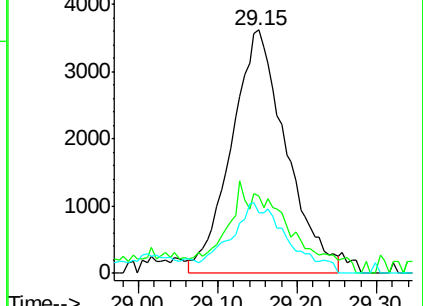
277 24.8 18.9 28.3



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: 3.08 ng/ul

RT: 30.37 min Scan# 4686

Delta R.T. 0.02 min

Lab File: BG020787.D

Acq: 4 Feb 2016 15:12

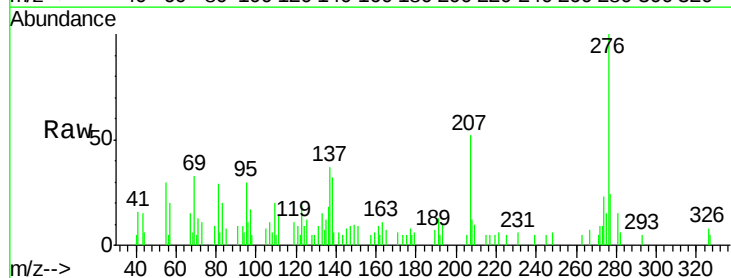
Tgt Ion:276 Resp: 17843

Ion Ratio Lower Upper

276 100

138 32.4 11.2 16.8#

277 23.5 19.0 28.6



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

