

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021882.D
 Acq On : 12 May 2016 23:56
 Operator : UM/SJ
 Sample : H2936-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK9

Quant Time: May 13 05:03:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	40122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	240198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	169279	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	363287	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	359527	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	363268	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5029	6.05	ng/uL	0.00
5) Phenol-d5	7.32	99	120032	40.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	56694	38.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	108582	46.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	107368	42.94	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	57426	36.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	61149	61.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	445	0.16	ng/ul	0.13
29) 4-Chloroaniline-d4	11.13	131	101460	33.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	351178	29.54	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	472228	27.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	50051	24.56	ng/ul	0.00
58) Fluorene-d10	15.78	176	321516	25.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33759	33.55	ng/ul	0.00
71) Anthracene-d10	17.64	188	443572	25.08	ng/ul	0.00
77) Pyrene-d10	19.91	212	470921	27.98	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	448442	25.98	ng/ul	0.00

Target Compounds

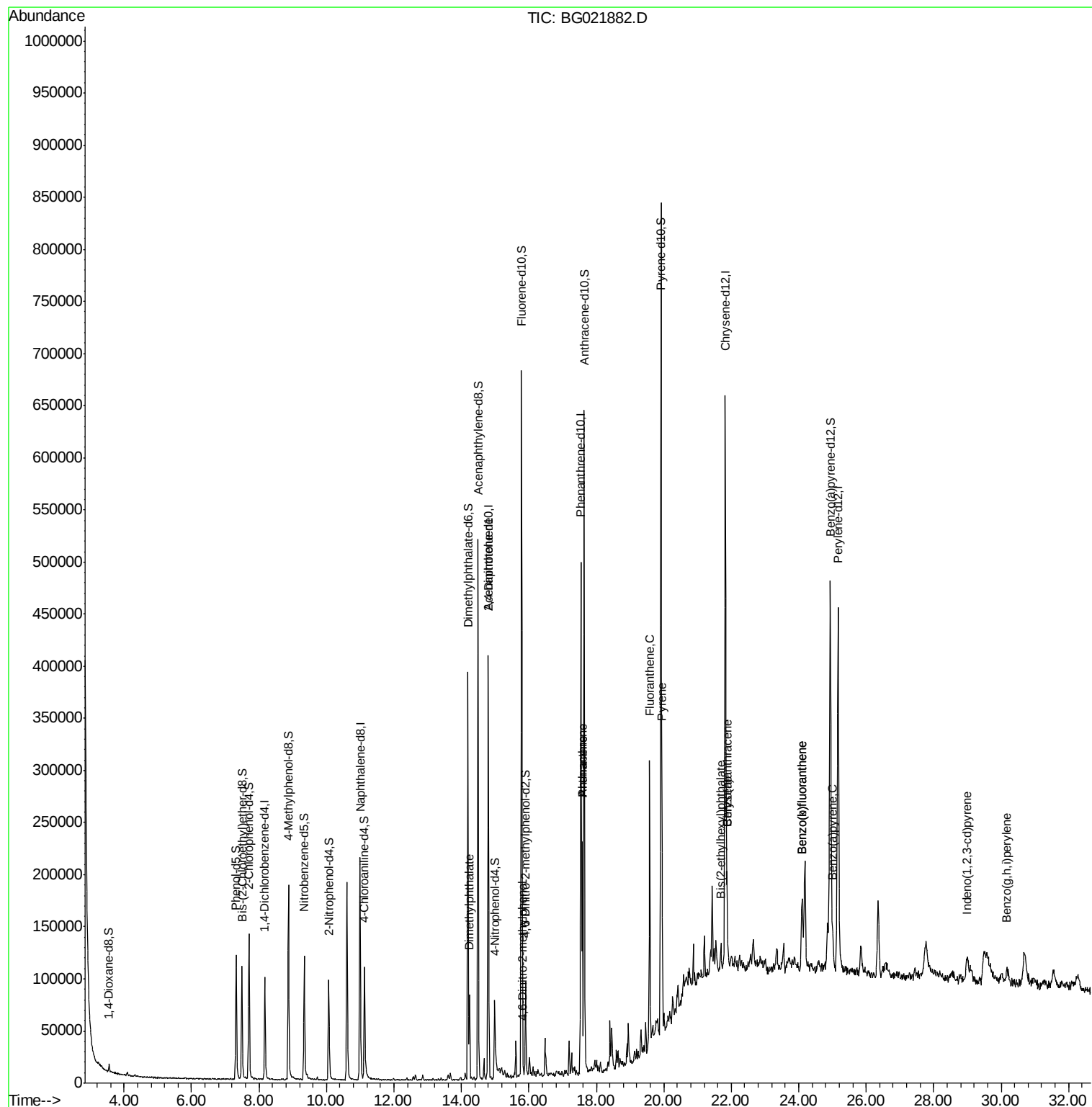
						Qvalue
45) Dimethylphthalate	14.24	163	67979	5.61	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	22161	6.70	ng/ul#	24
64) 4,6-Dinitro-2-methylphenol	15.83	198	1382	1.26	ng/ul#	50
70) Phenanthrene	17.58	178	158439	7.98	ng/ul	99
72) Anthracene	17.58	178	158439	7.85	ng/ul	99
75) Fluoranthene	19.58	202	188114	8.34	ng/ul	98
78) Pyrene	19.94	202	130106	6.25	ng/ul	95
81) Benzo(a)anthracene	21.87	228	72966	3.65	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.69	149	12643	1.68	ng/ul#	88
83) Chrysene	21.87	228	72459	3.66	ng/ul	97
86) Benzo(b)fluoranthene	24.10	252	86892	4.18	ng/ul#	94
87) Benzo(k)fluoranthene	24.10	252	86892	3.90	ng/ul#	94
89) Benzo(a)pyrene	25.00	252	40925	1.98	ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.98	276	37807	1.54	ng/ul#	87
92) Benzo(g,h,i)perylene	30.17	276	21948	1.08	ng/ul#	90

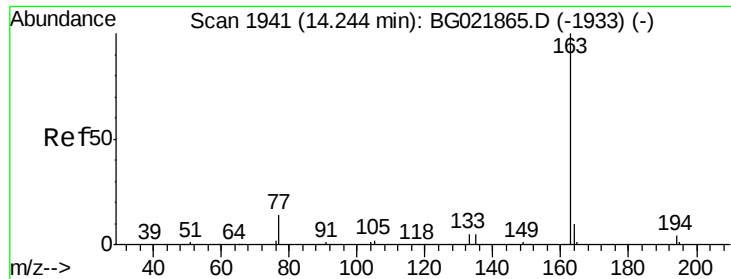
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021882.D
Acq On : 12 May 2016 23:56
Operator : UM/SJ
Sample : H2936-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK9

Quant Time: May 13 05:03:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

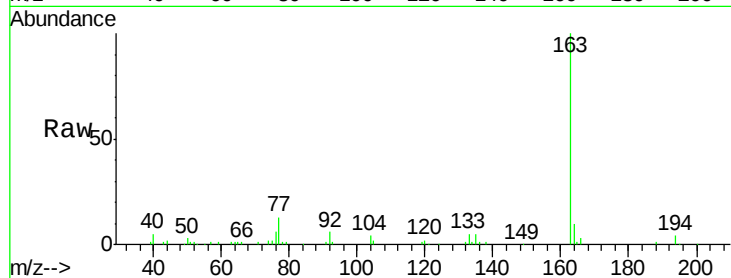




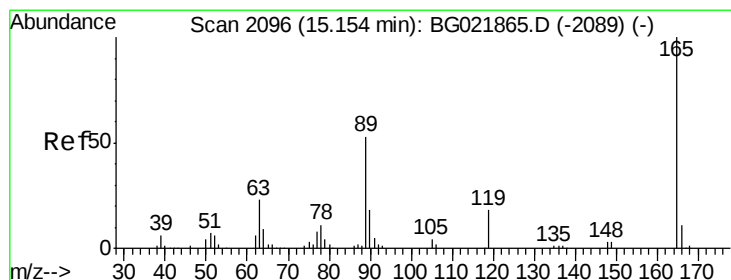
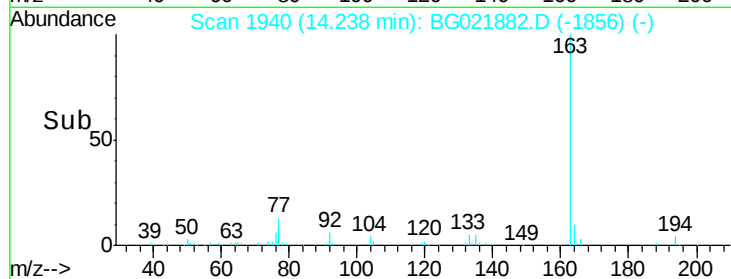
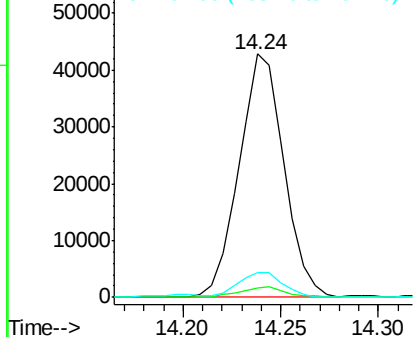
#45
Dimethylphthalate
Concen: 5.61 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG021882.D
Acq: 12 May 2016 23:56

Instrument :
BNA_G
ClientSampleId :
D9WK9

Tgt Ion:163 Resp: 67979
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 10.1 8.7 13.1

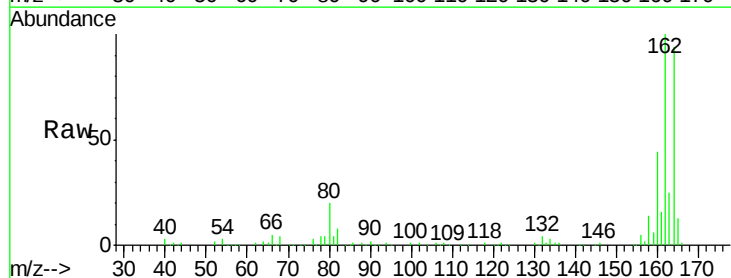


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

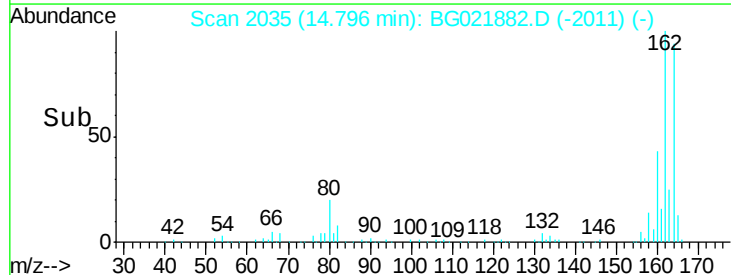
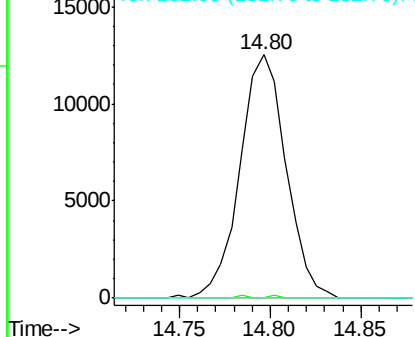


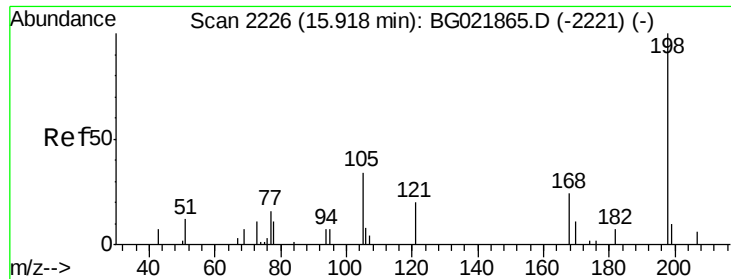
#55
2,4-Dinitrotoluene
Concen: 6.70 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.36 min
Lab File: BG021882.D
Acq: 12 May 2016 23:56

Tgt Ion:165 Resp: 22161
Ion Ratio Lower Upper
165 100
63 0.0 48.1 72.1#
182 0.0 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

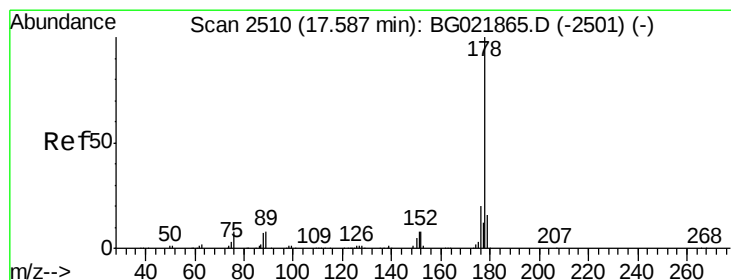
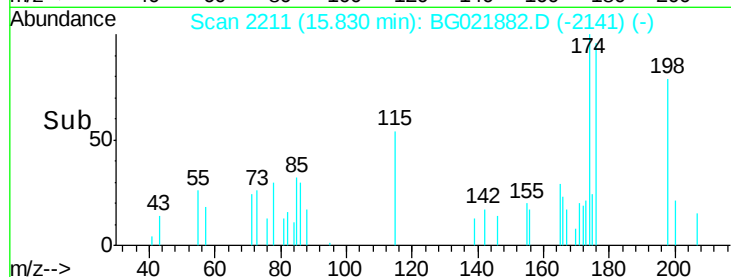
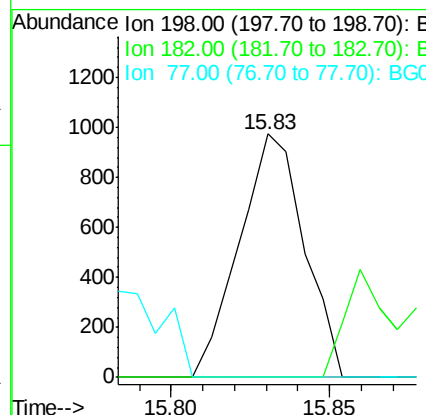
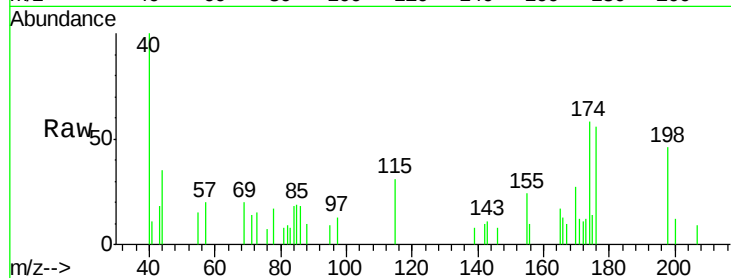




#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.26 ng/ul
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.09 min
 Lab File: BG021882.D
 Acq: 12 May 2016 23:56

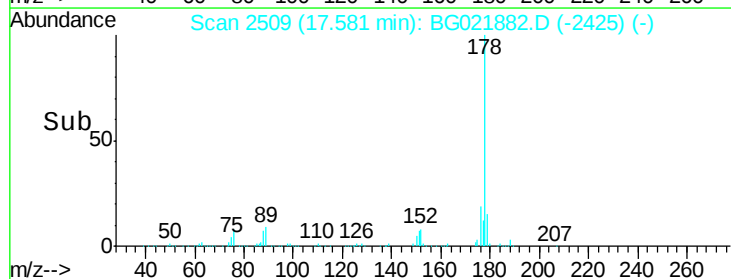
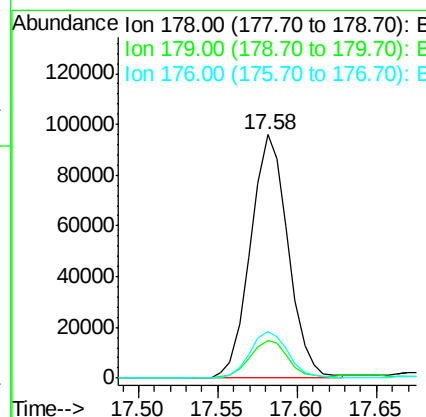
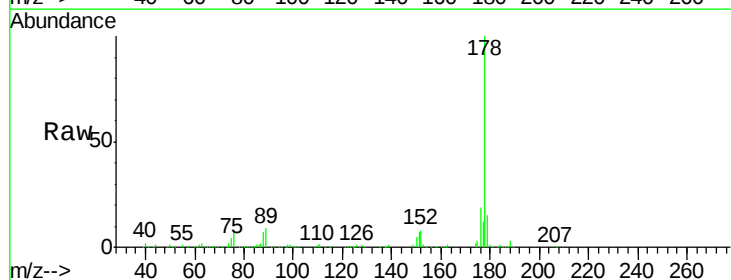
Instrument :
 BNA_G
 ClientSampleId :
 D9WK9

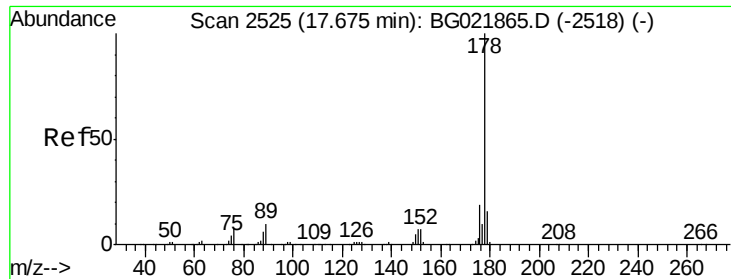
Tgt Ion:198 Resp: 1382
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.8#
 77 0.0 24.2 36.4#



#70
 Phenanthrene
 Concen: 7.98 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG021882.D
 Acq: 12 May 2016 23:56

Tgt Ion:178 Resp: 158439
 Ion Ratio Lower Upper
 178 100
 179 15.5 11.8 17.8
 176 19.0 14.8 22.2





#72

Anthracene

Concen: 7.85 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. -0.09 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

Instrument :

BNA_G

ClientSampleId :

D9WK9

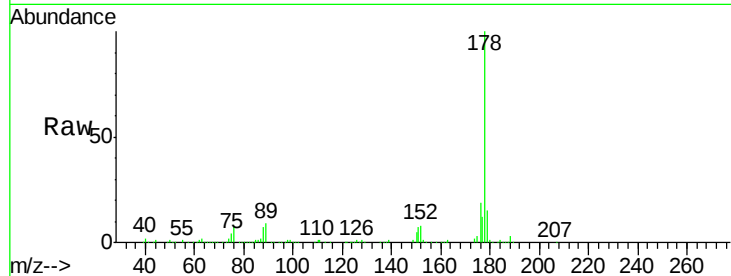
Tgt Ion:178 Resp: 158439

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

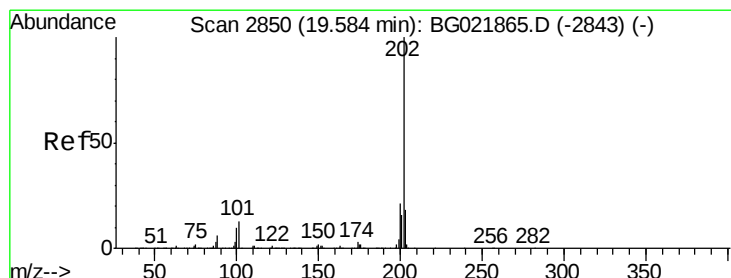
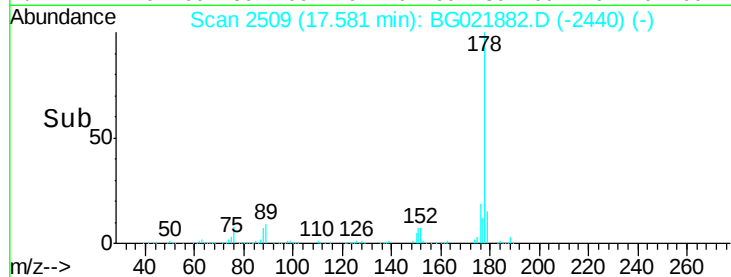
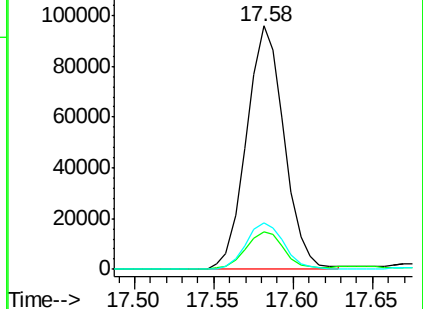
176 19.0 15.6 23.4



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

Fluoranthene

Concen: 8.34 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

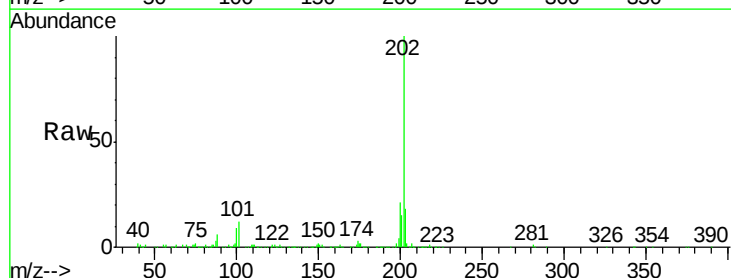
Tgt Ion:202 Resp: 188114

Ion Ratio Lower Upper

202 100

101 12.2 8.9 13.3

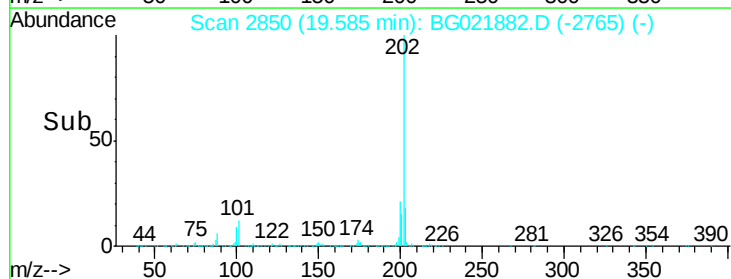
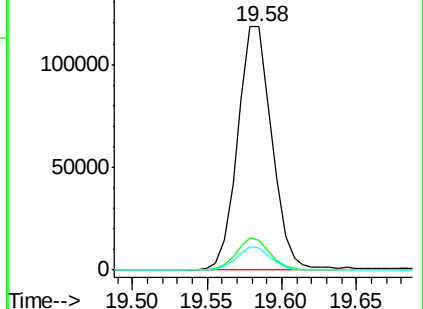
100 9.1 7.0 10.4

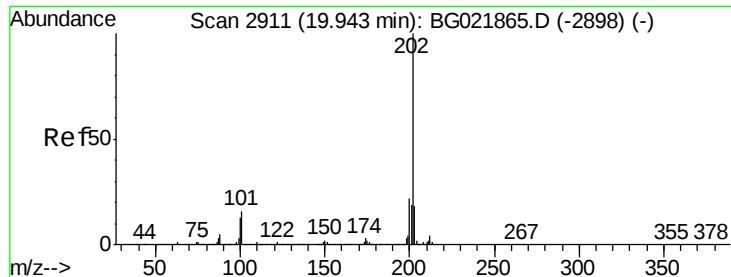


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

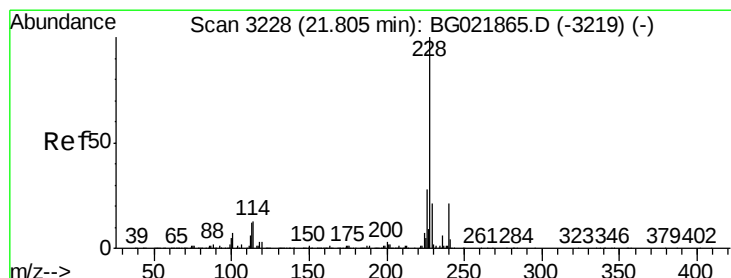
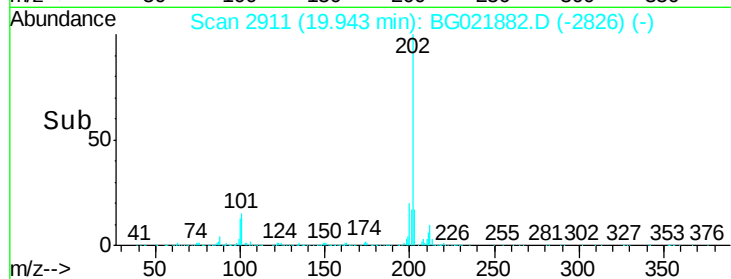
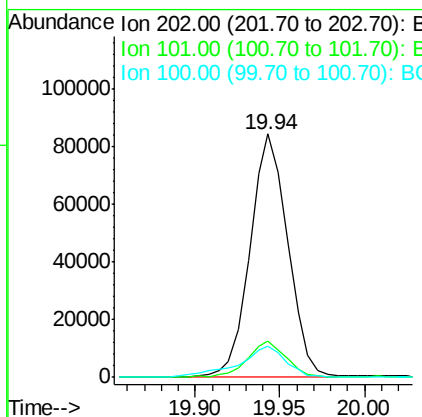
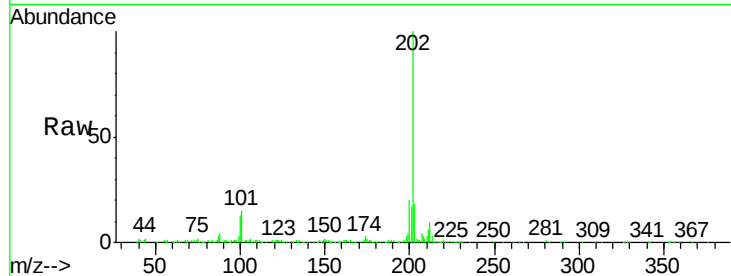




#78
 Pyrene
 Concen: 6.25 ng/ul
 RT: 19.94 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: BG021882.D
 Acq: 12 May 2016 23:56

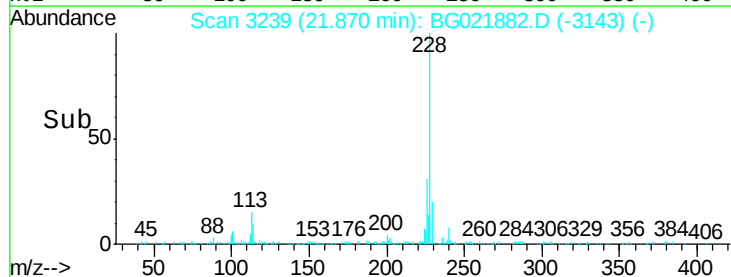
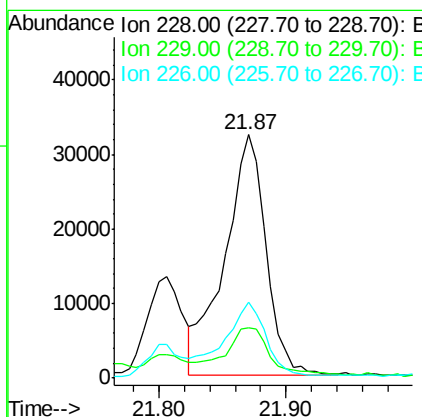
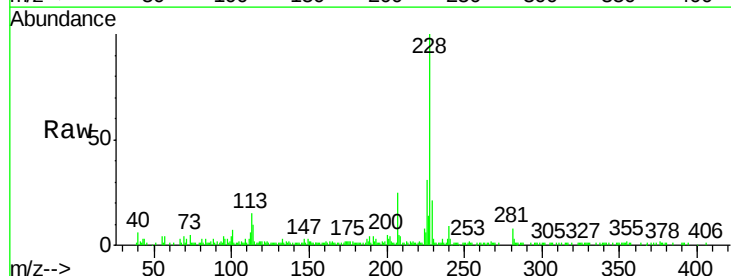
Instrument :
 BNA_G
 ClientSampled :
 D9WK9

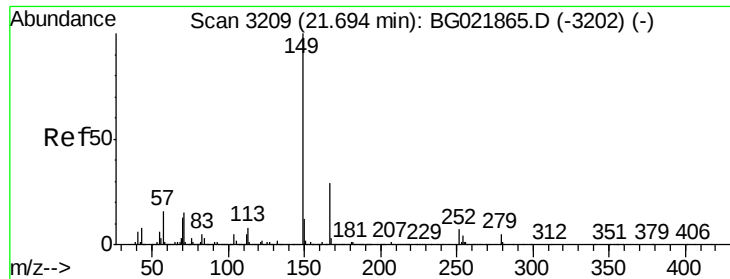
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.8	14.8
100	12.9	9.3	13.9



#81
 Benzo(a)anthracene
 Concen: 3.65 ng/ul
 RT: 21.87 min Scan# 3239
 Delta R.T. 0.06 min
 Lab File: BG021882.D
 Acq: 12 May 2016 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	31.1	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 1.68 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

Instrument :

BNA_G

ClientSampleId :

D9WK9

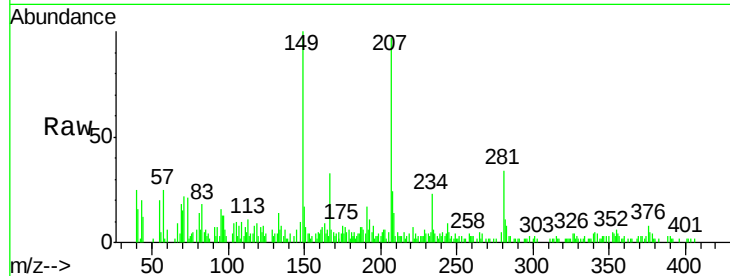
Tgt Ion:149 Resp: 12643

Ion Ratio Lower Upper

149 100

167 32.7 20.5 30.7#

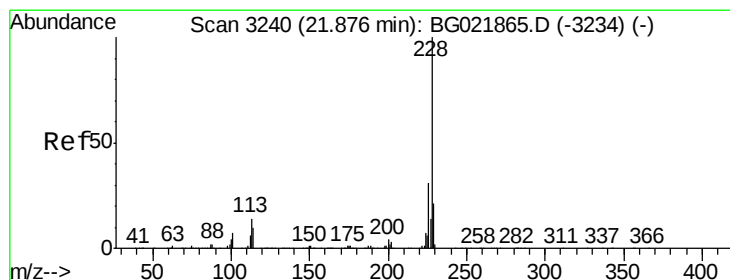
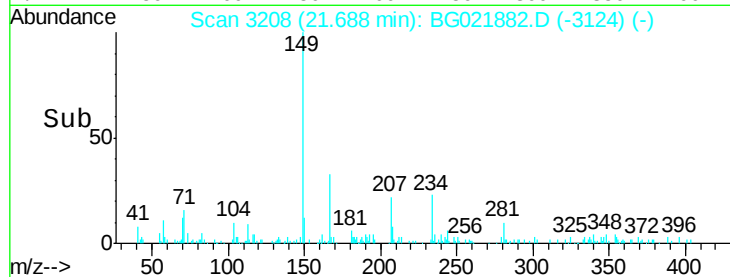
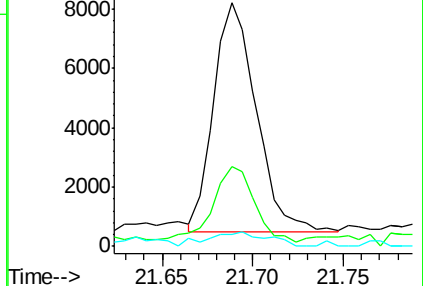
279 5.1 3.7 5.5



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



#83

Chrysene

Concen: 3.66 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

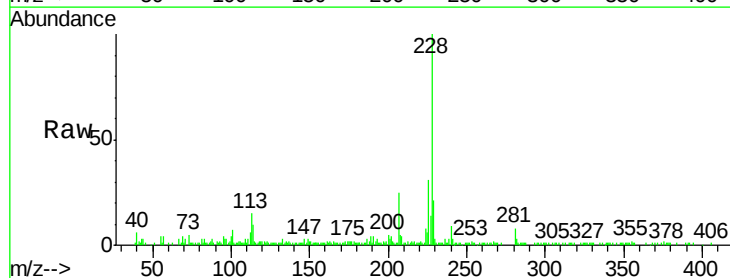
Tgt Ion:228 Resp: 72459

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

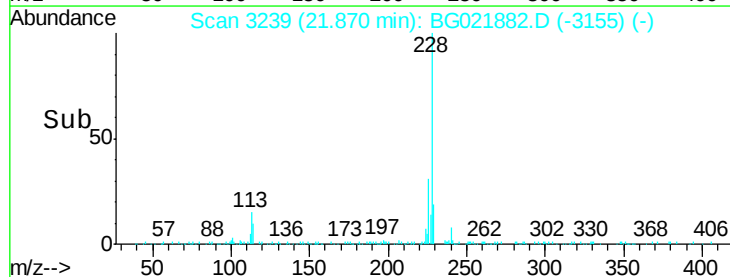
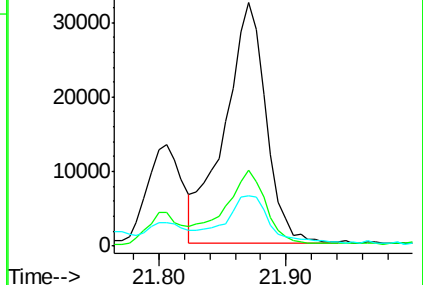
229 20.9 16.2 24.2

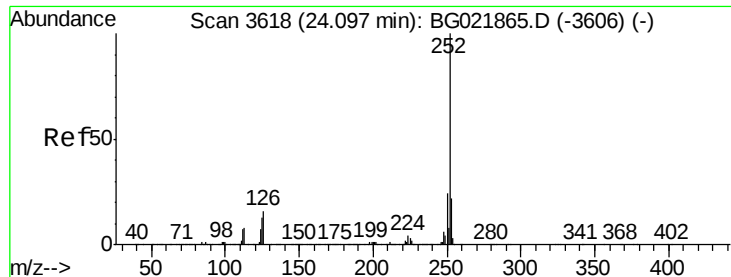


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(b)fluoranthene

Concen: 4.18 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. 0.00 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

Instrument :

BNA_G

ClientSampleId :

D9WK9

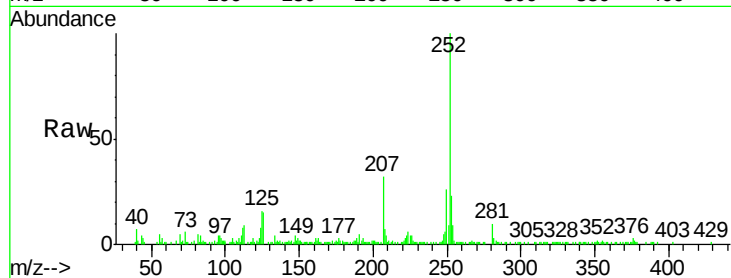
Tgt Ion:252 Resp: 86892

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

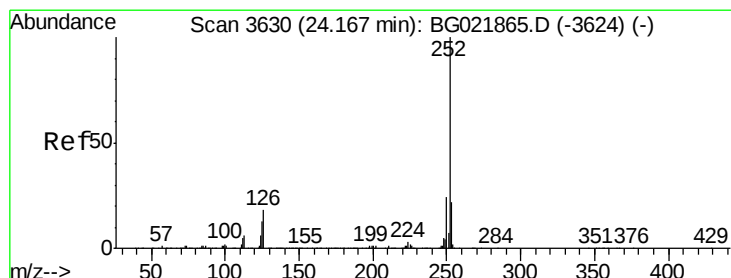
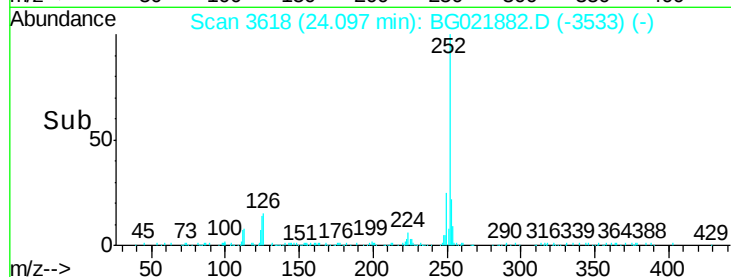
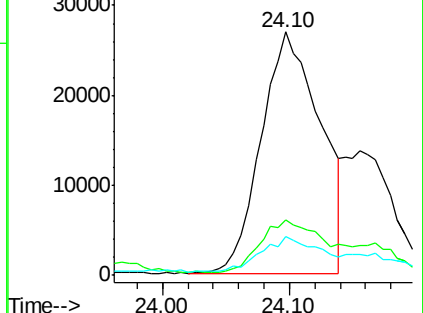
125 15.9 7.6 11.4#



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



#87

Benzo(k)fluoranthene

Concen: 3.90 ng/ul

RT: 24.10 min Scan# 3618

Delta R.T. -0.07 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

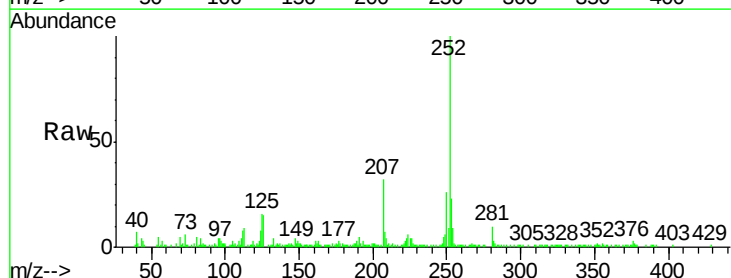
Tgt Ion:252 Resp: 86892

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

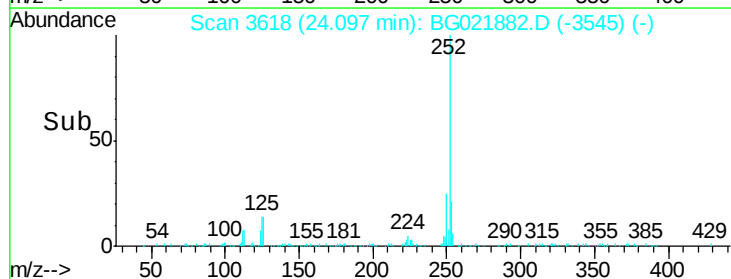
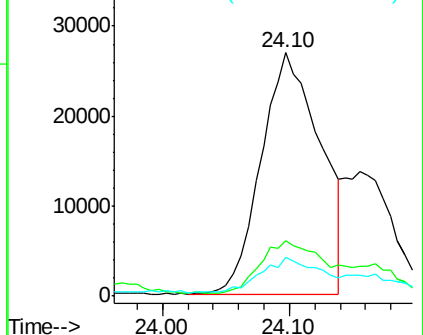
125 15.9 7.7 11.5#

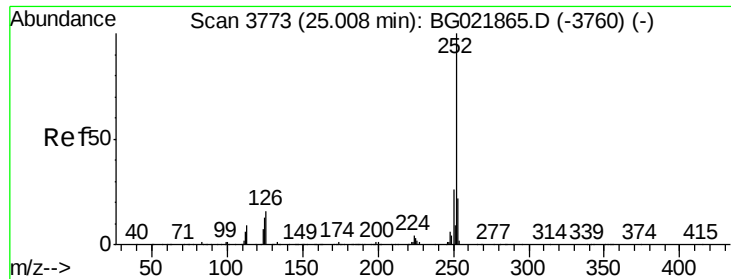


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.98 ng/ul

RT: 25.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

Instrument :

BNA_G

ClientSampleId :

D9WK9

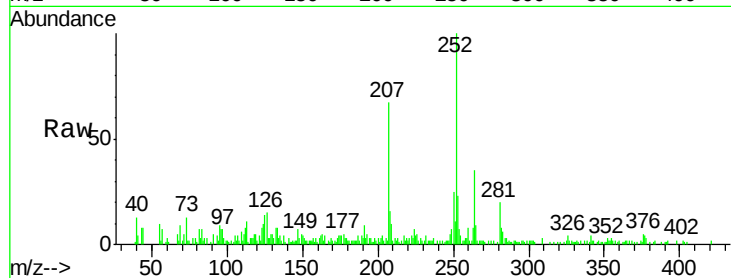
Tgt Ion:252 Resp: 40925

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.0

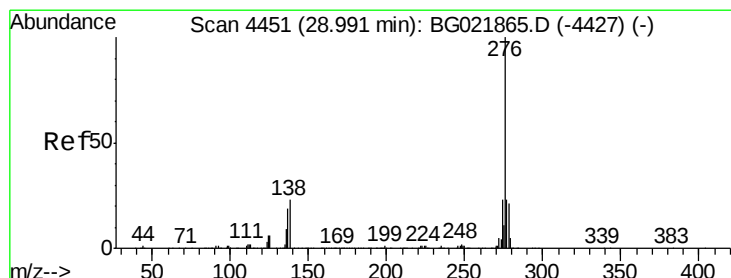
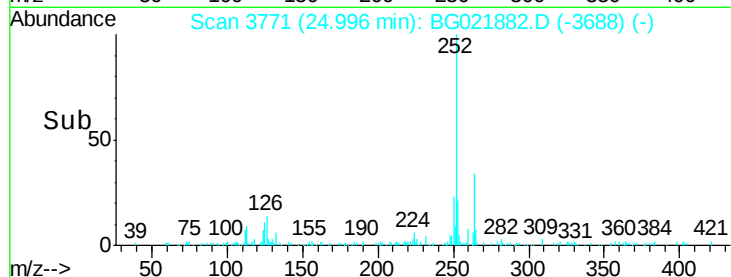
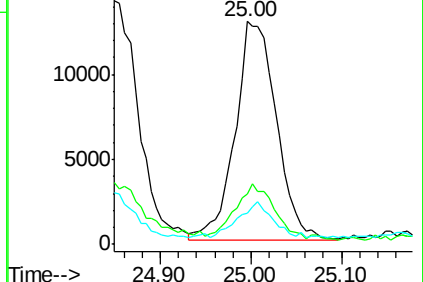
125 14.0 8.2 12.2#



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



#90

Indeno(1,2,3-cd)pyrene

Concen: 1.54 ng/ul

RT: 28.98 min Scan# 4449

Delta R.T. -0.01 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

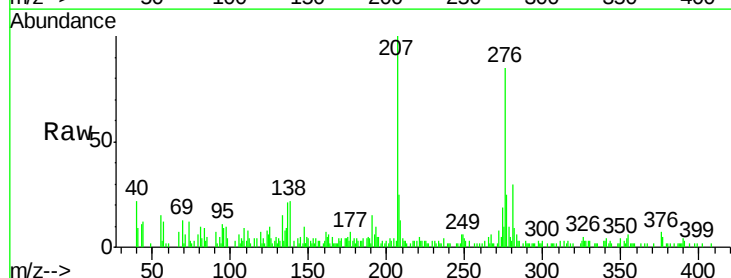
Tgt Ion:276 Resp: 37807

Ion Ratio Lower Upper

276 100

138 26.2 15.8 23.6#

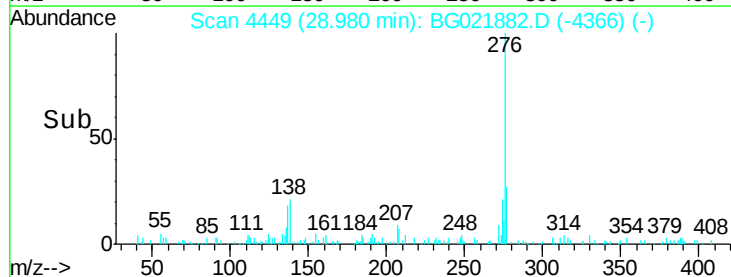
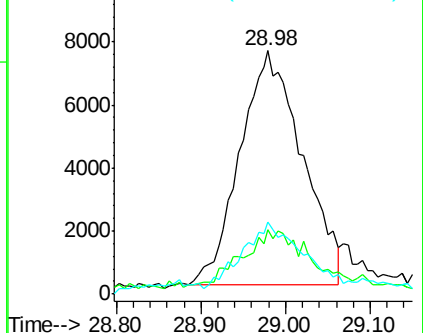
277 29.4 19.0 28.6#

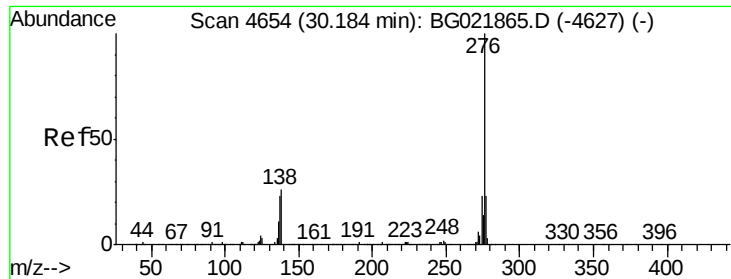


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 30.17 min Scan# 4652

Delta R.T. -0.01 min

Lab File: BG021882.D

Acq: 12 May 2016 23:56

Instrument :

BNA_G

ClientSampleId :

D9WK9

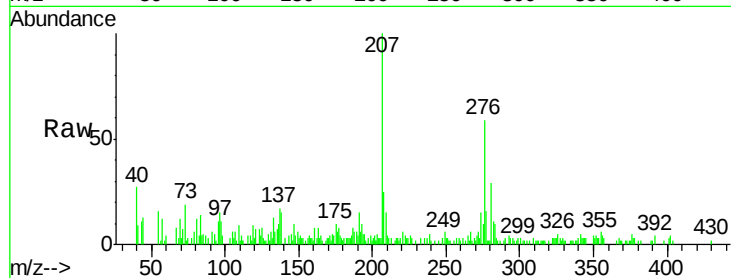
Tgt Ion: 276 Resp: 21948

Ion Ratio Lower Upper

276 100

138 25.4 13.9 20.9#

277 27.0 19.8 29.6



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

