

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018346.D
 Acq On : 10 Aug 2015 2:06
 Operator : UM/TP
 Sample : G3136-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X8

Quant Time: Aug 10 04:51:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 02:20:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	136212	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	670392	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	419066	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.44	188	864694	20.00	ng/ul	0.01
78) Chrysene-d12	21.71	240	724336	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	708617	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4223	1.38	ng/uL	0.00
5) Phenol-d5	7.23	99	113155	9.24	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	70634	9.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	86565	9.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.77	113	77698	7.53	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	45576	8.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	44705	8.61	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	92047	8.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	65149	5.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	305776	8.74	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	323126	7.38	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	24214	3.85	ng/ul	0.02
58) Fluorene-d10	15.68	176	216325	7.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	970	0.23	ng/ul	0.00
71) Anthracene-d10	17.54	188	286263	6.98	ng/ul	0.01
79) Pyrene-d10	19.82	212	254562	6.83	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	218169	5.83	ng/ul	0.03

Target Compounds

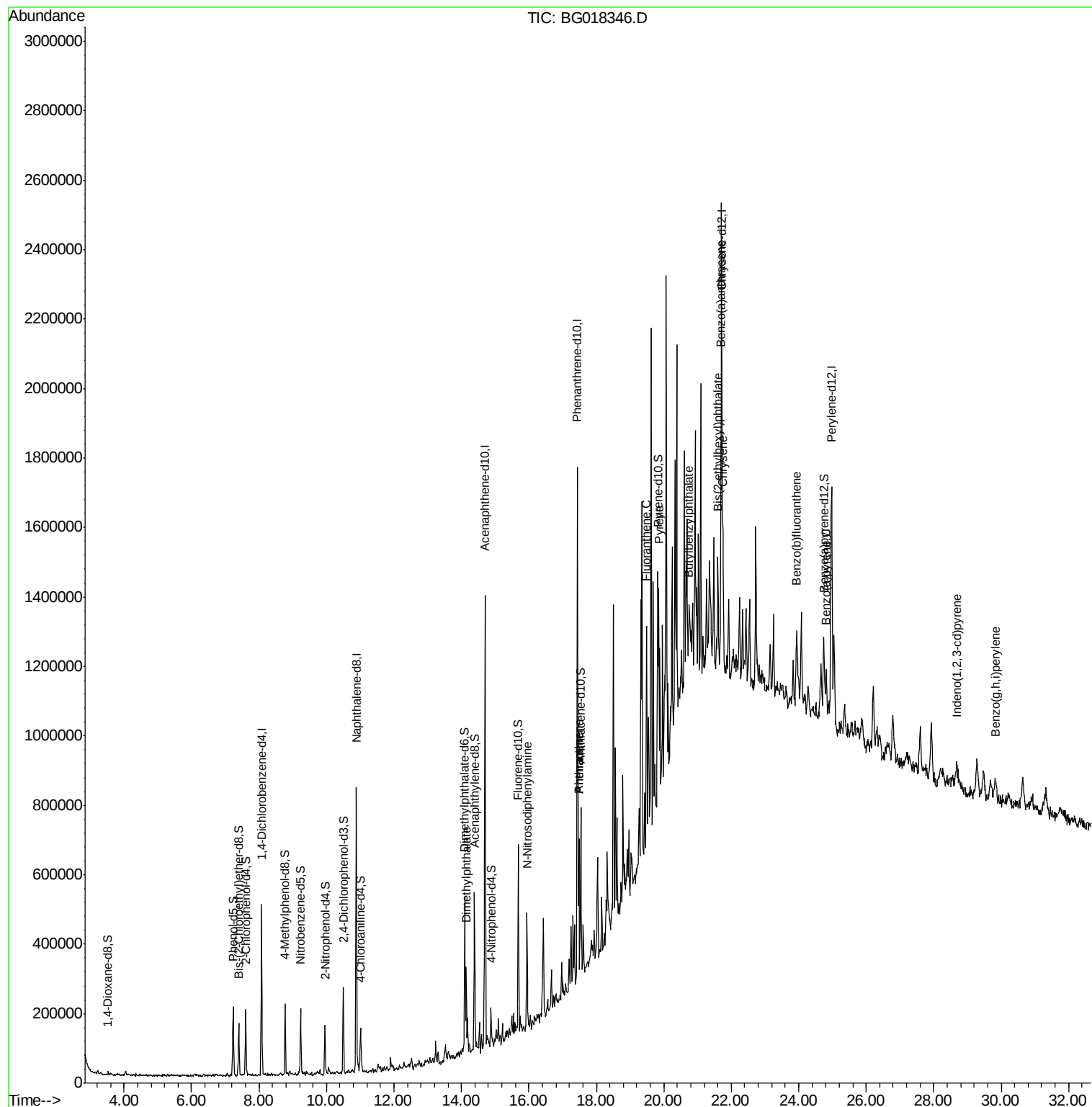
						Qvalue
45) Dimethylphthalate	14.14	163	146097	4.24	ng/ul#	99
65) N-Nitrosodiphenylamine	15.94	169	29319	1.13	ng/ul	90
70) Phenanthrene	17.48	178	229344	4.89	ng/ul	97
72) Anthracene	17.48	178	231338	4.84	ng/ul	98
77) Fluoranthene	19.49	202	371951	7.44	ng/ul	98
80) Pyrene	19.85	202	358191	7.40	ng/ul	99
81) Butylbenzylphthalate	20.73	149	24542	1.19	ng/ul	88
83) Benzo(a)anthracene	21.69	228	134550	3.02	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.61	149	122907	4.21	ng/ul#	99
85) Chrysene	21.76	228	153967	3.69	ng/ul#	93
88) Benzo(b)fluoranthene	23.94	252	221606	5.01	ng/ul#	82
91) Benzo(a)pyrene	24.81	252	148035	3.52	ng/ul#	89
92) Indeno(1,2,3-cd)pyrene	28.67	276	97435	2.00	ng/ul	92
94) Benzo(g,h,i)perylene	29.83	276	92051	2.26	ng/ul#	89

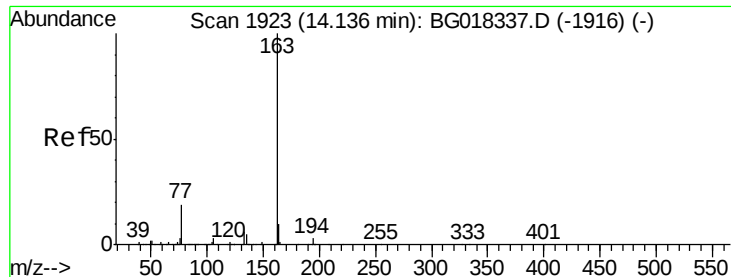
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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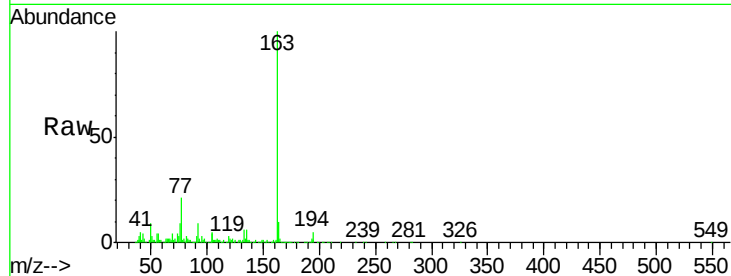




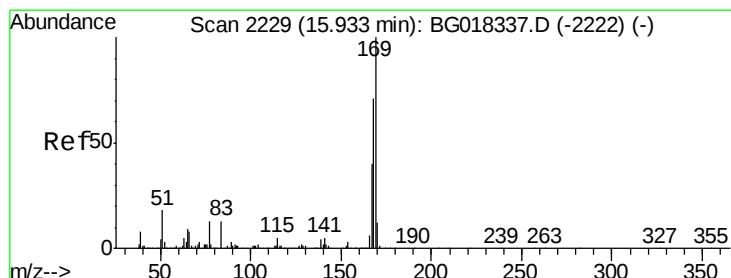
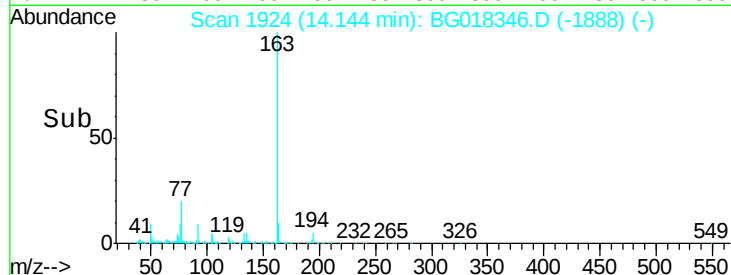
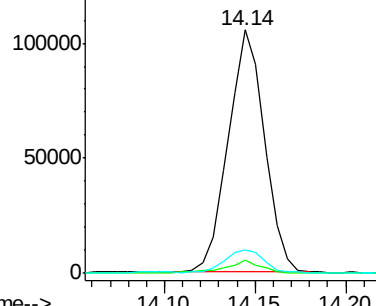
#45
Dimethylphthalate
Concen: 4.24 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018346.D
Acq: 10 Aug 2015 2:06

Instrument :
BNA_G
ClientSampleId :
C01X8

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8
164	9.8	8.0	12.0

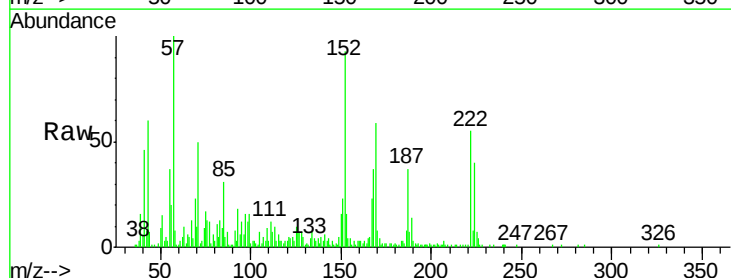


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

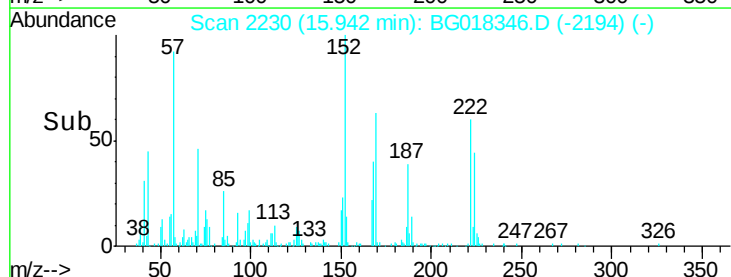
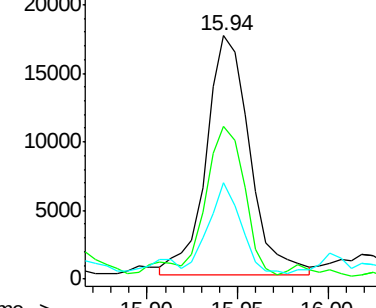


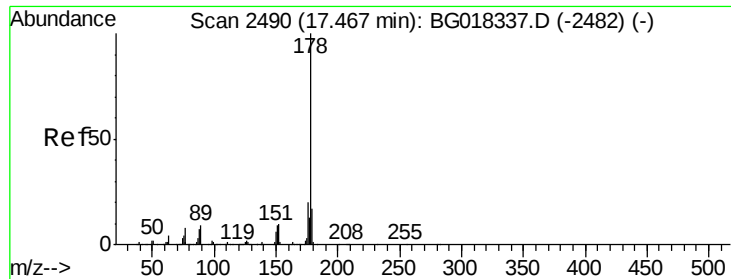
#65
N-Nitrosodiphenylamine
Concen: 1.13 ng/ul
RT: 15.94 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BG018346.D
Acq: 10 Aug 2015 2:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.6	60.5	90.7
167	39.7	31.7	47.5



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 4.89 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

Instrument :

BNA_G

ClientSampleId :

C01X8

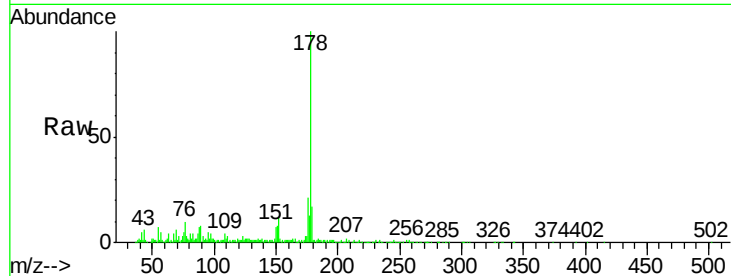
Tgt Ion:178 Resp: 229344

Ion Ratio Lower Upper

178 100

179 16.9 12.4 18.6

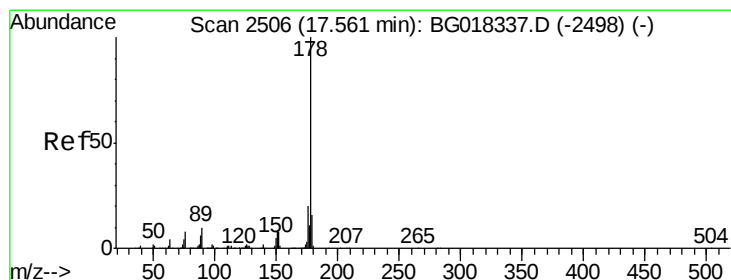
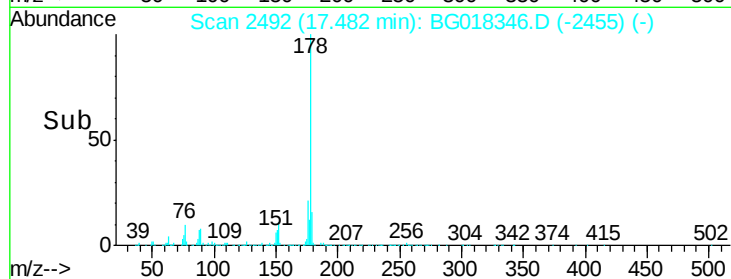
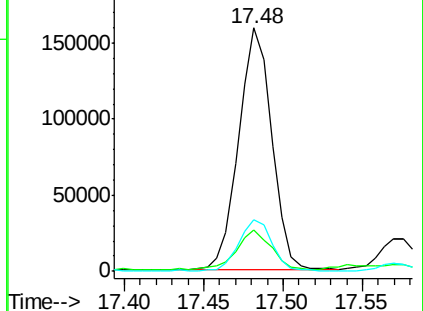
176 21.0 15.9 23.9



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: 4.84 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.08 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

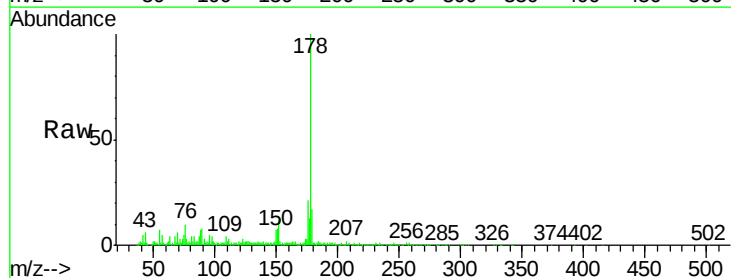
Tgt Ion:178 Resp: 231338

Ion Ratio Lower Upper

178 100

179 16.9 12.8 19.2

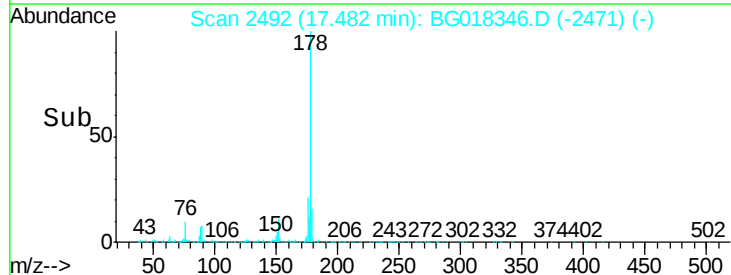
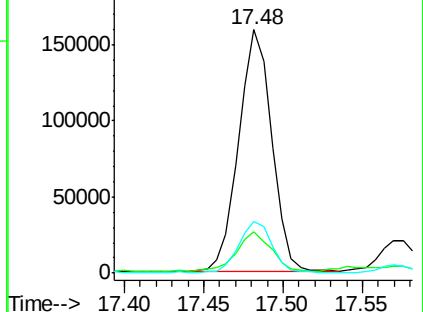
176 21.0 15.9 23.9

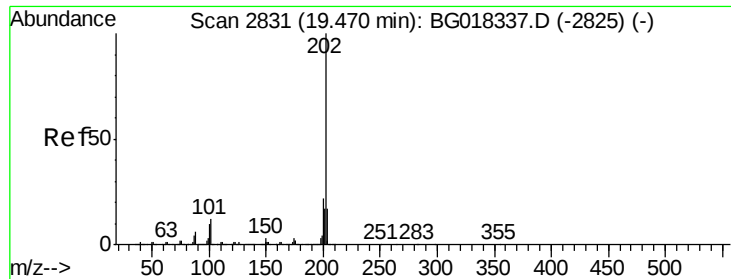


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

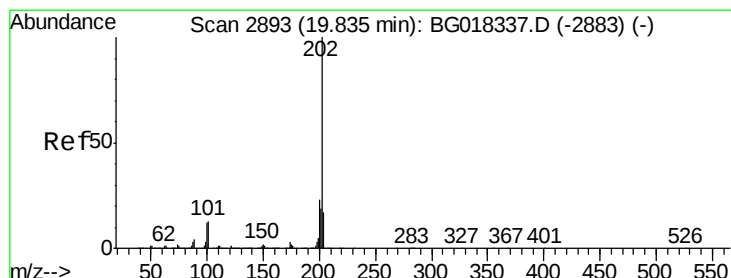
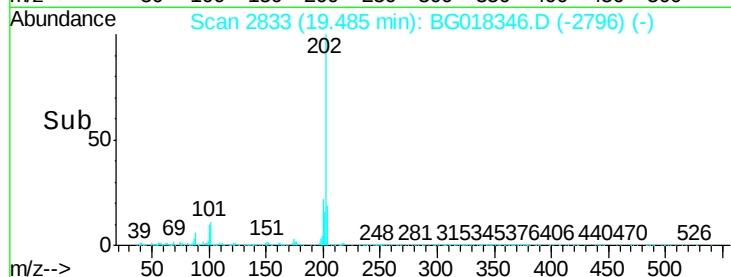
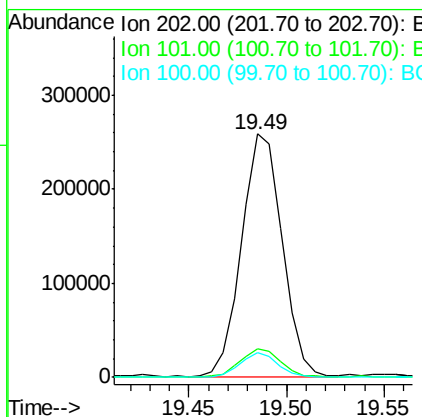
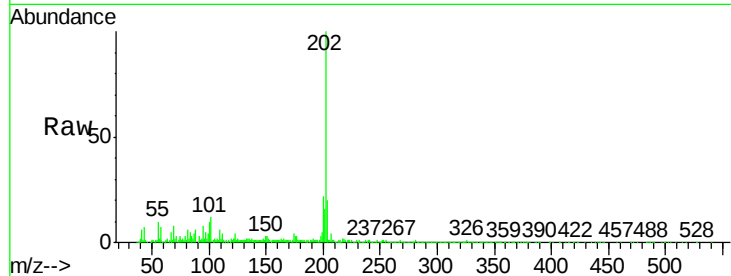




#77
Fluoranthene
 Concen: 7.44 ng/ul
 RT: 19.49 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BG018346.D
 Acq: 10 Aug 2015 2:06

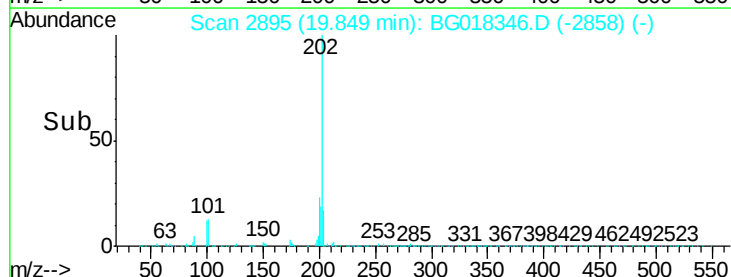
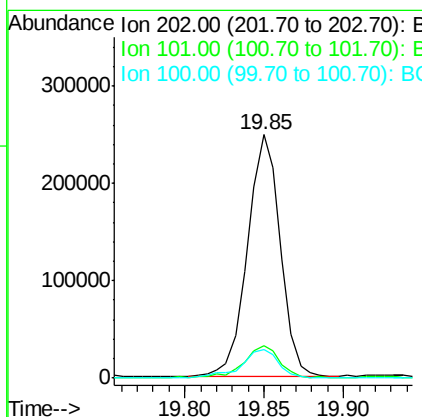
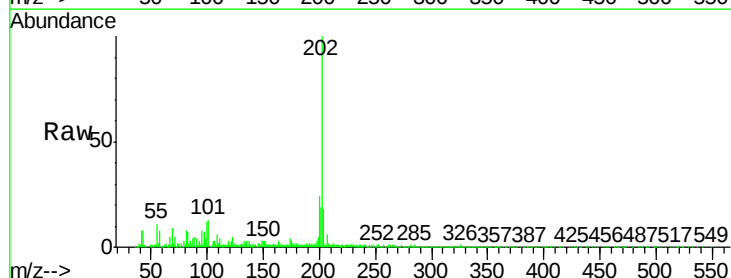
Instrument :
 BNA_G
 ClientSampleId :
 C01X8

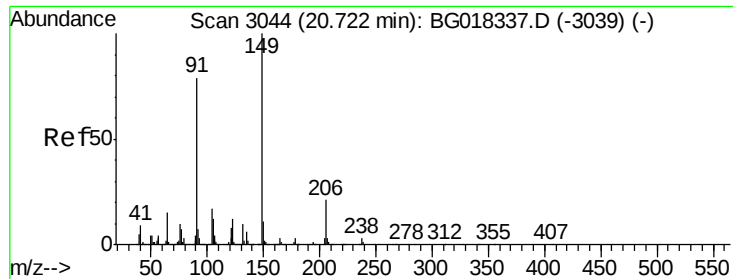
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.9	13.3
100	10.0	8.5	12.7



#80
Pyrene
 Concen: 7.40 ng/ul
 RT: 19.85 min Scan# 2895
 Delta R.T. 0.01 min
 Lab File: BG018346.D
 Acq: 10 Aug 2015 2:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.3	16.9
100	12.0	9.6	14.4





#81

Butylbenzylphthalate

Concen: 1.19 ng/ul

RT: 20.73 min Scan# 3045

Delta R.T. 0.01 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

Instrument :

BNA_G

ClientSampleId :

C01X8

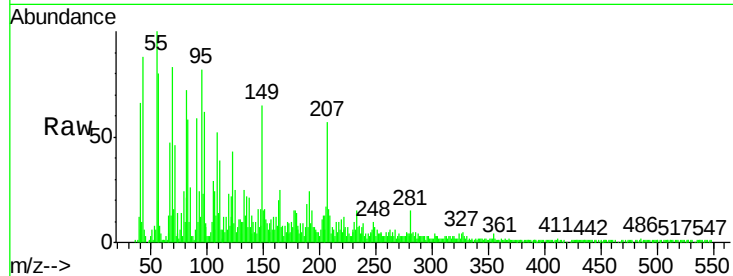
Tgt Ion:149 Resp: 24542

Ion Ratio Lower Upper

149 100

91 90.8 63.4 95.2

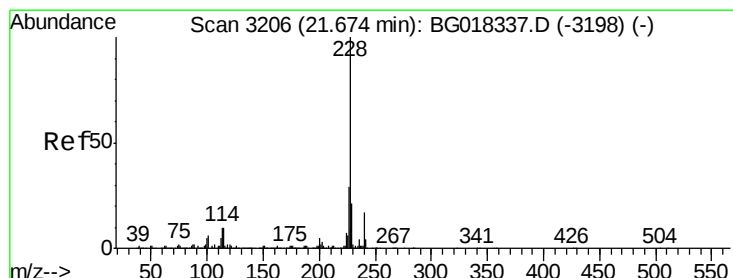
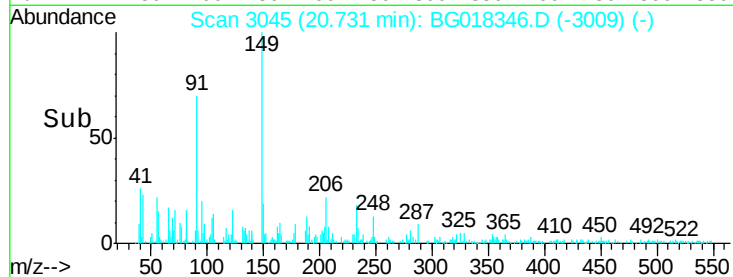
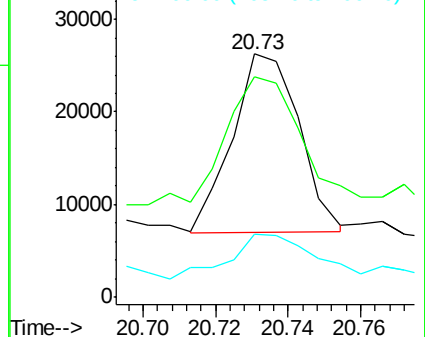
206 26.1 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#83

Benzo(a)anthracene

Concen: 3.02 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. 0.02 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

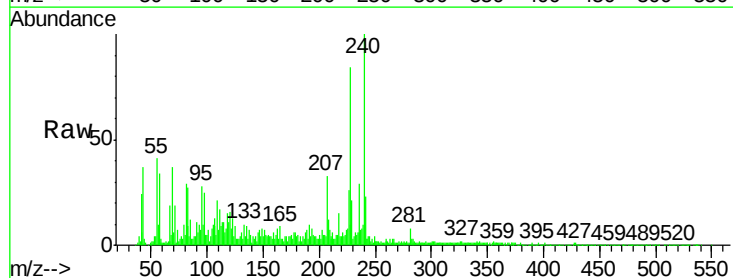
Tgt Ion:228 Resp: 134550

Ion Ratio Lower Upper

228 100

229 25.6 15.4 23.2#

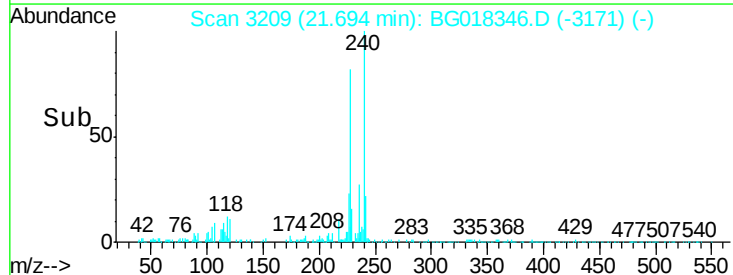
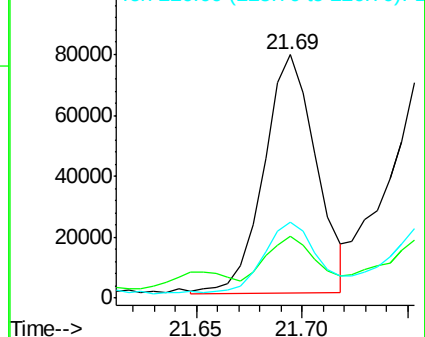
226 31.2 22.3 33.5

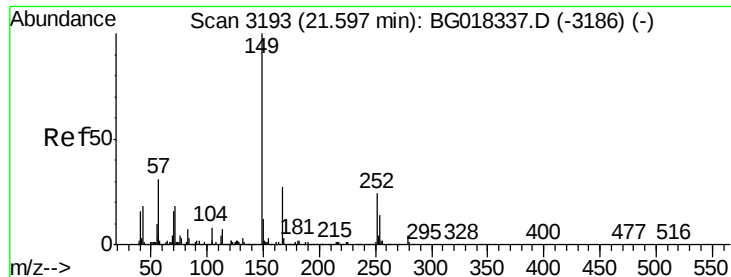


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

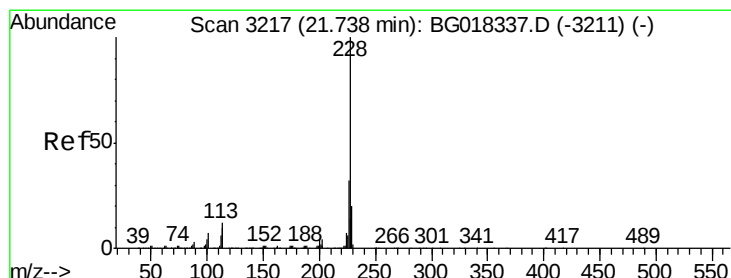
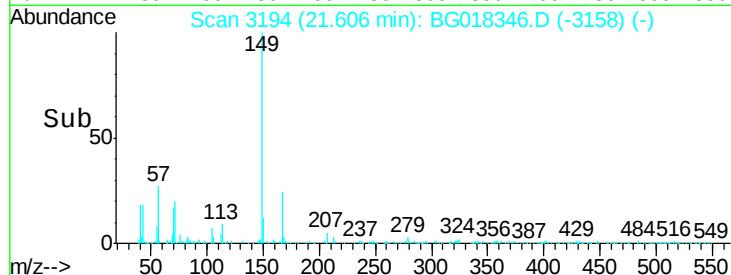
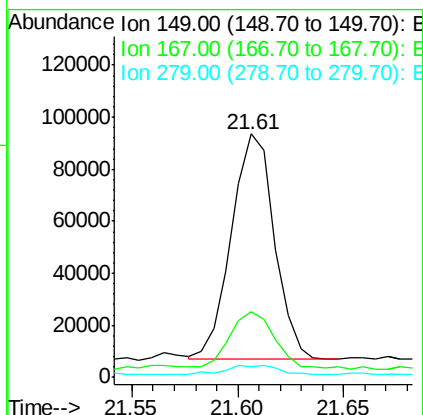
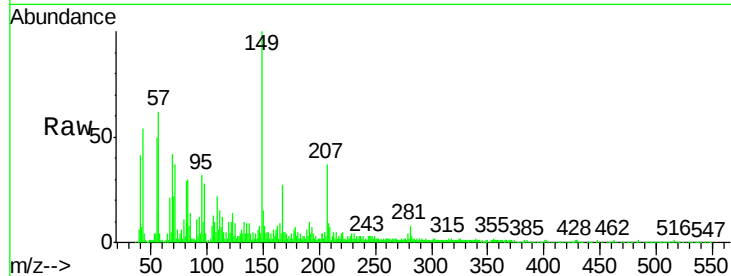




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.21 ng/ul
 RT: 21.61 min Scan# 3194
 Delta R.T. 0.01 min
 Lab File: BG018346.D
 Acq: 10 Aug 2015 2:06

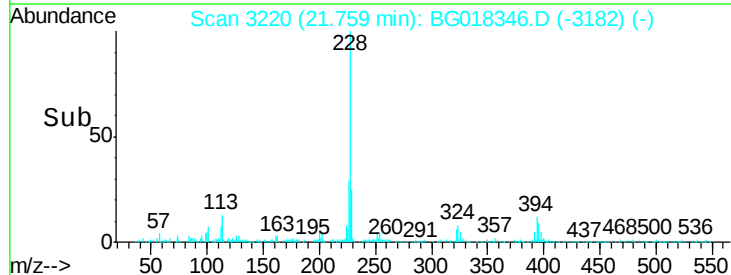
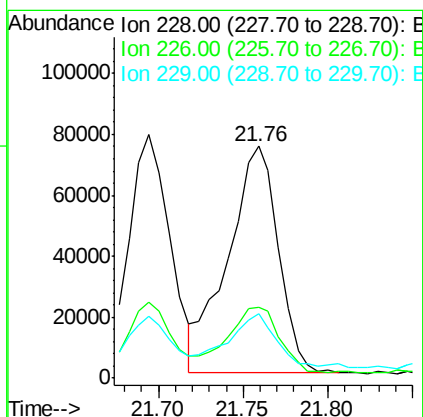
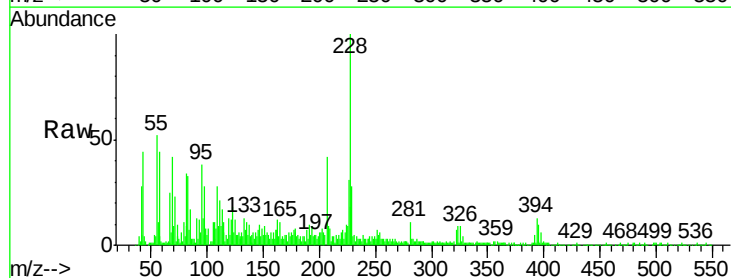
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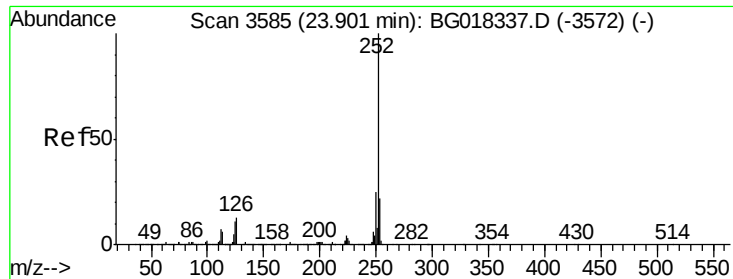
Tgt Ion:149 Resp: 122907
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.6
 279 4.4 2.8 4.2#



#85
 Chrysene
 Concen: 3.69 ng/ul
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG018346.D
 Acq: 10 Aug 2015 2:06

Tgt Ion:228 Resp: 153967
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.6 37.0
 229 27.7 16.0 24.0#





#88

Benzo(b)fluoranthene

Concen: 5.01 ng/ul

RT: 23.94 min Scan# 3591

Delta R.T. 0.04 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

Instrument :

BNA_G

ClientSampleId :

C01X8

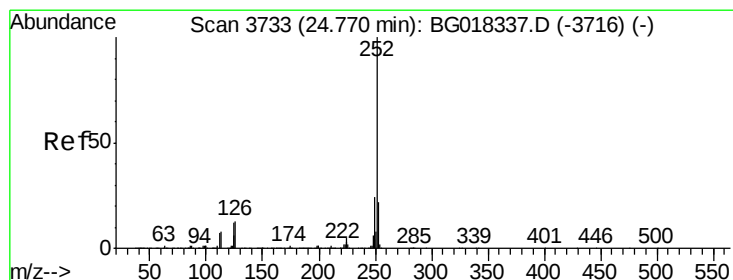
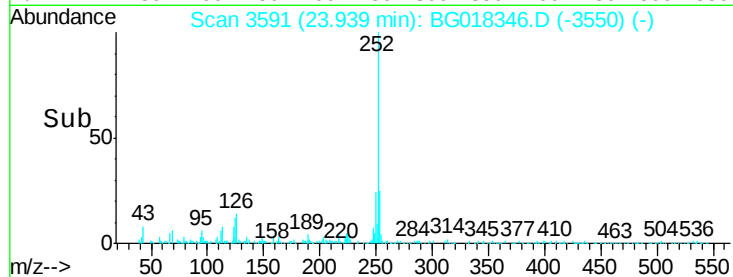
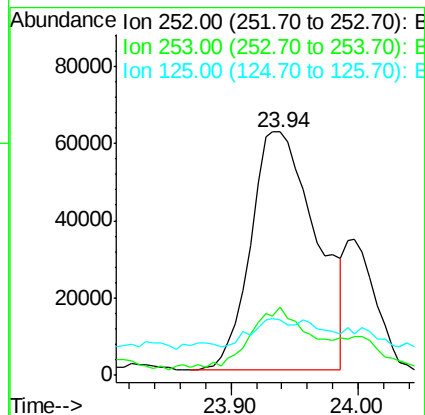
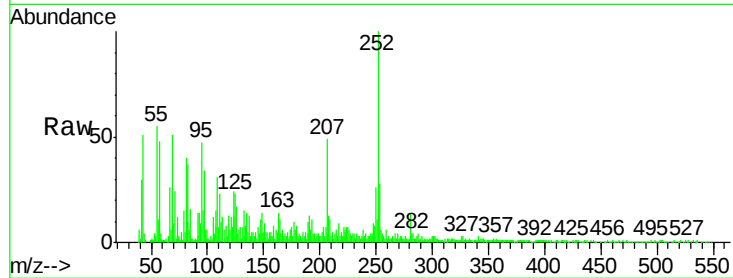
Tgt Ion:252 Resp: 221606

Ion Ratio Lower Upper

252 100

253 27.8 18.0 27.0#

125 23.0 8.6 12.8#



#91

Benzo(a)pyrene

Concen: 3.52 ng/ul

RT: 24.81 min Scan# 3740

Delta R.T. 0.04 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

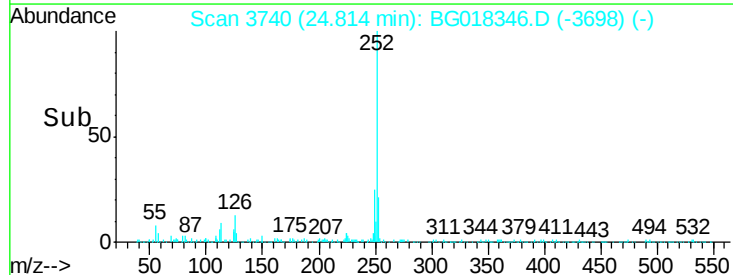
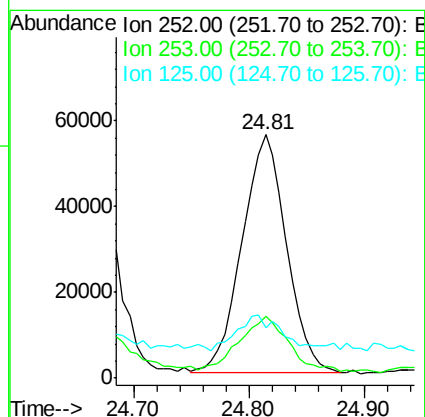
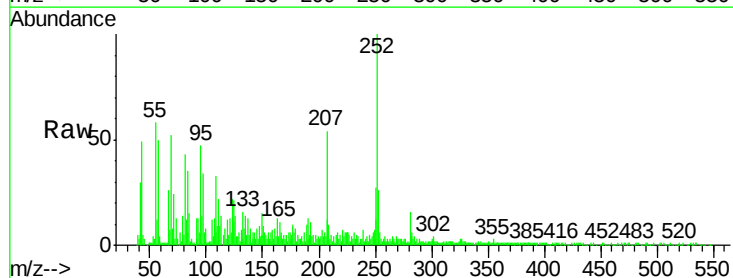
Tgt Ion:252 Resp: 148035

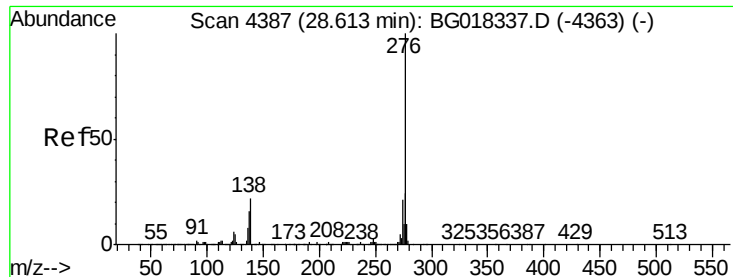
Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

125 20.8 9.8 14.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.00 ng/ul

RT: 28.67 min Scan# 4397

Delta R.T. 0.06 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

Instrument :

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ClientSampleId :

C01X8

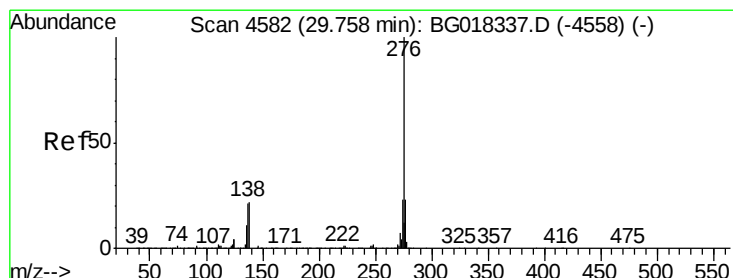
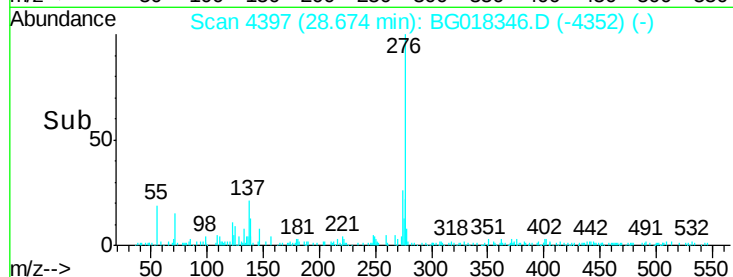
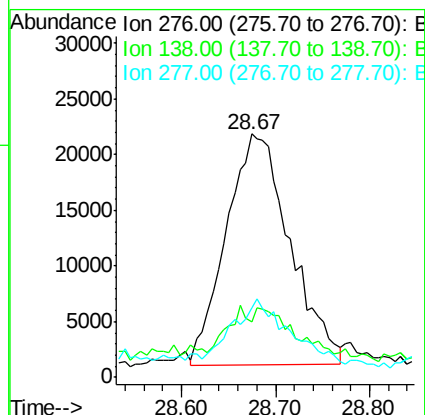
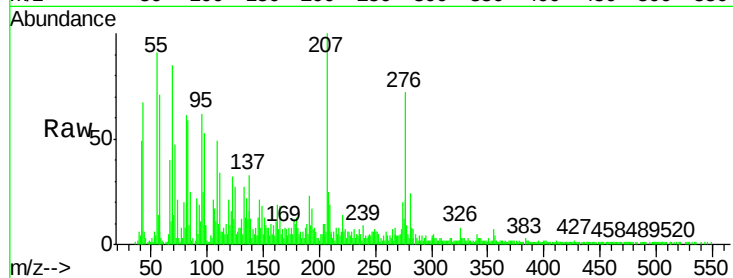
Tgt Ion:276 Resp: 97435

Ion Ratio Lower Upper

276 100

138 22.7 15.9 23.9

277 28.5 19.0 28.6



#94

Benzo(g,h,i)perylene

Concen: 2.26 ng/ul

RT: 29.83 min Scan# 4594

Delta R.T. 0.07 min

Lab File: BG018346.D

Acq: 10 Aug 2015 2:06

Tgt Ion:276 Resp: 92051

Ion Ratio Lower Upper

276 100

138 31.3 17.4 26.0#

277 23.7 18.4 27.6

