

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
 Data File : BG021895.D
 Acq On : 15 May 2016 16:14
 Operator : UM/SJ
 Sample : H3096-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XG2

Quant Time: May 16 01:29:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 16 01:27:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	283164	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	173610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	367622	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	365641	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	370842	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2326	2.03	ng/uL	0.00
5) Phenol-d5	7.32	99	52751	12.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	27689	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	53919	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	39362	11.42	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	27787	14.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30167	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	55149	16.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	49137	13.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	193894	15.90	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	265782	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	12052	5.77	ng/ul	0.00
58) Fluorene-d10	15.78	176	180313	14.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	19983	19.62	ng/ul	0.00
71) Anthracene-d10	17.63	188	255683	14.29	ng/ul	0.00
77) Pyrene-d10	19.91	212	268765	15.70	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	254728	14.46	ng/ul	0.00

Target Compounds

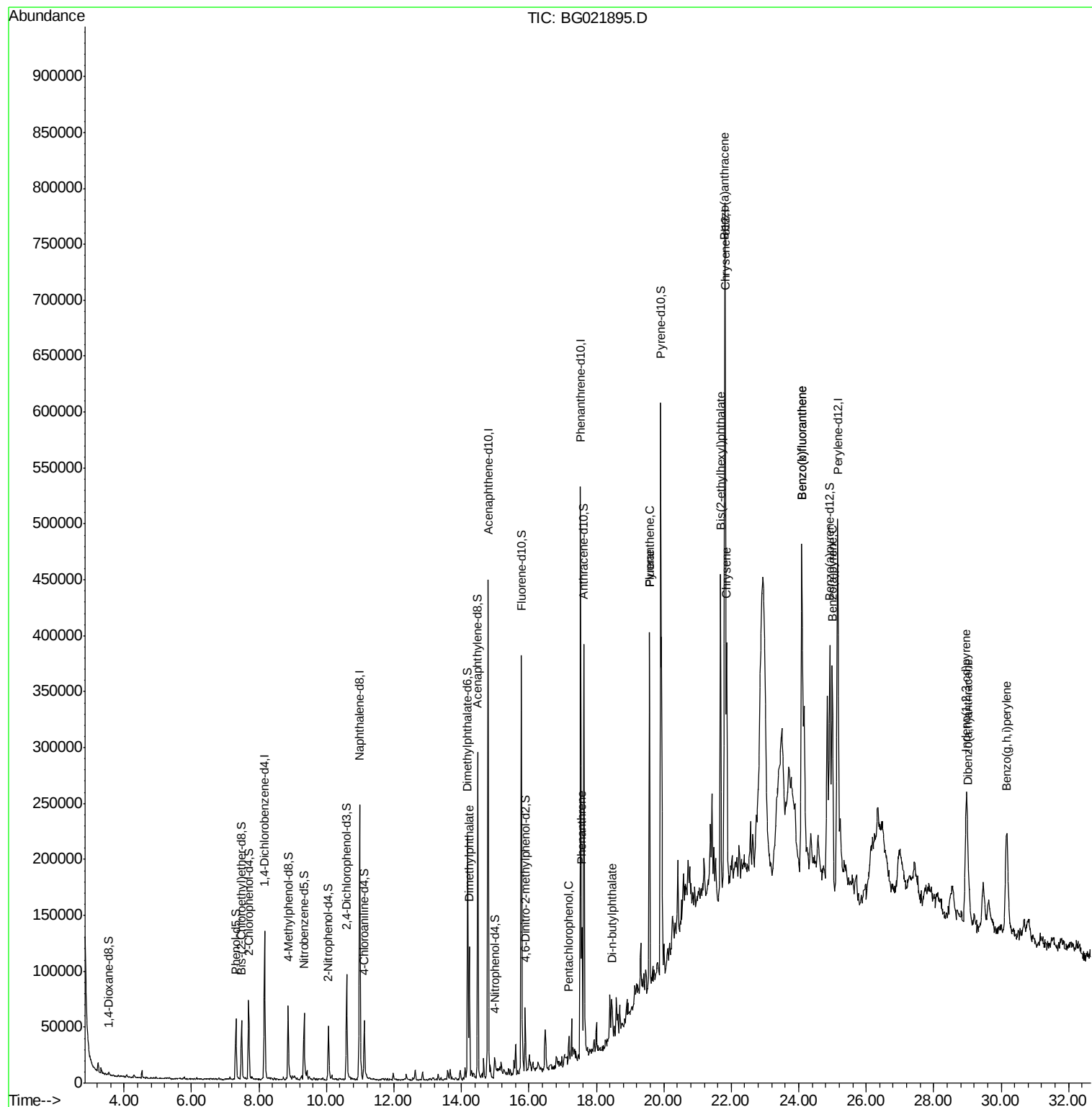
						Ovalue
45) Dimethylphthalate	14.23	163	98787	7.95	ng/ul	99
69) Pentachlorophenol	17.18	266	3321	1.96	ng/ul	93
70) Phenanthrene	17.58	178	95567	4.75	ng/ul	99
74) Di-n-butylphthalate	18.47	149	18059	1.12	ng/ul#	97
75) Fluoranthene	19.57	202	223924	9.81	ng/ul#	95
78) Pyrene	19.57	202	223924	10.59	ng/ul	96
81) Benzo(a)anthracene	21.80	228	156674	7.70	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	162087	21.23	ng/ul	99
83) Chrysene	21.86	228	177189	8.80	ng/ul	97
86) Benzo(b)fluoranthene	24.09	252	388283	18.29	ng/ul#	95
87) Benzo(k)fluoranthene	24.09	252	388283	17.09	ng/ul#	95
89) Benzo(a)pyrene	25.00	252	240065	11.36	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.96	276	103511	4.13	ng/ul#	95
91) Dibenzo(a,h)anthracene	29.01	278	56836	2.73	ng/ul#	91
92) Benzo(g,h,i)perylene	30.15	276	95767	4.63	ng/ul#	90

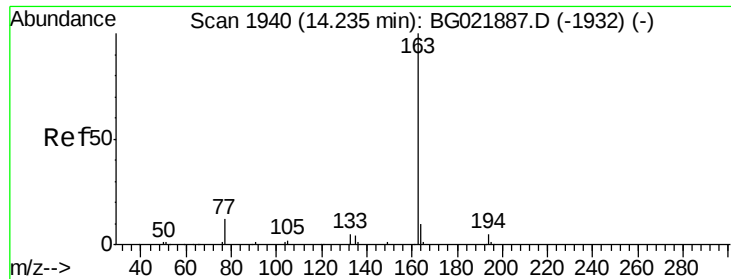
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051516\
Data File : BG021895.D
Acq On : 15 May 2016 16:14
Operator : UM/SJ
Sample : H3096-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XG2

Quant Time: May 16 01:29:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

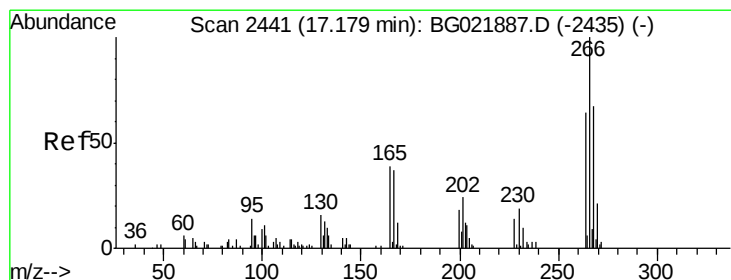
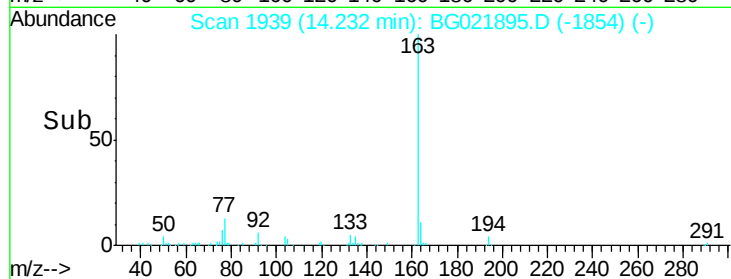
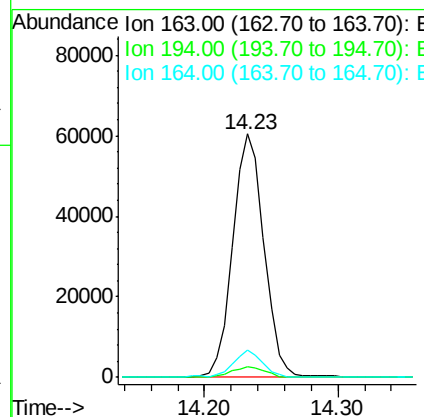
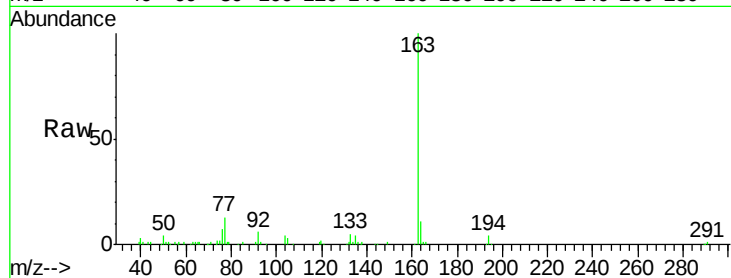




#45
Dimethylphthalate
Concen: 7.95 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

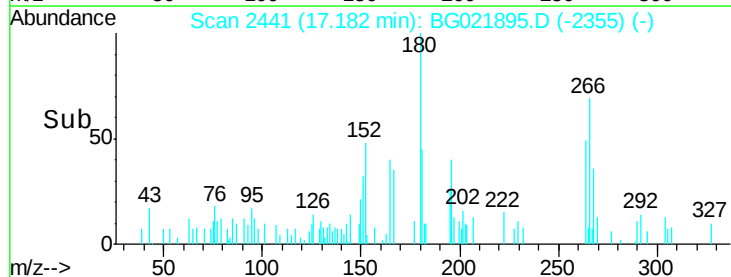
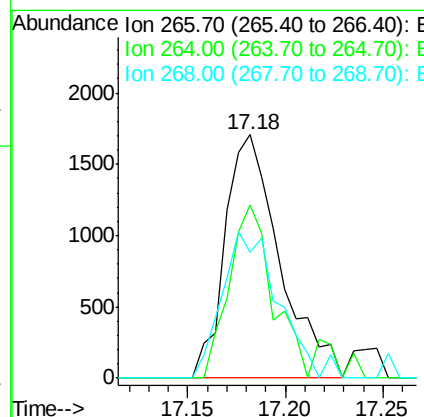
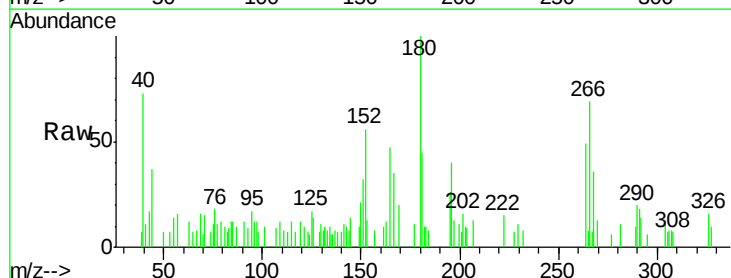
Instrument :
BNA_G
ClientSampleId :
D9XG2

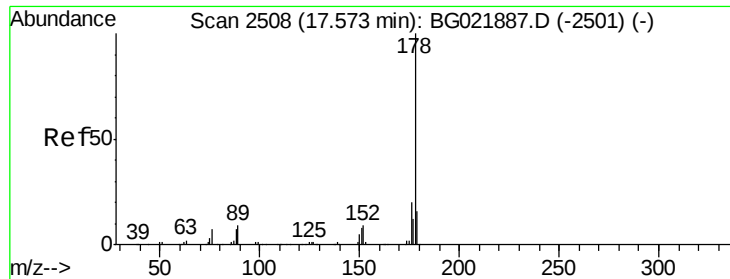
Tot Ion:163 Resp: 98787
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 11.4 8.7 13.1



#69
Pentachlorophenol
Concen: 1.96 ng/ul
RT: 17.18 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG021895.D
Acq: 15 May 2016 16:14

Tgt Ion:266 Resp: 3321
Ion Ratio Lower Upper
266 100
264 71.0 56.7 85.1
268 51.6 50.6 76.0





#70

Phenanthrene

Concen: 4.75 ng/ul

RT: 17.58 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampleId :

D9XG2

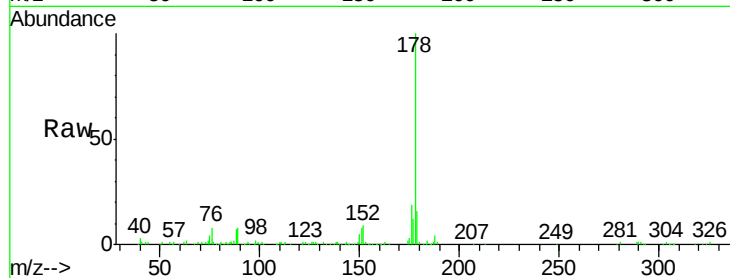
Tot Ion:178 Resp: 95567

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

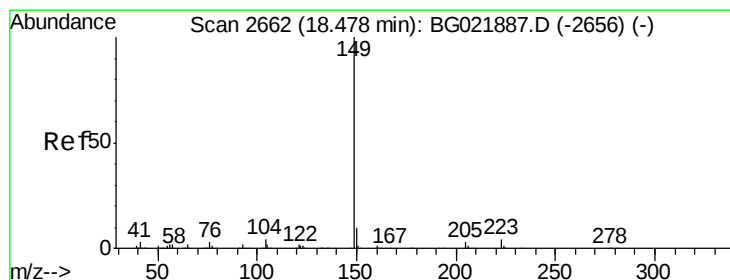
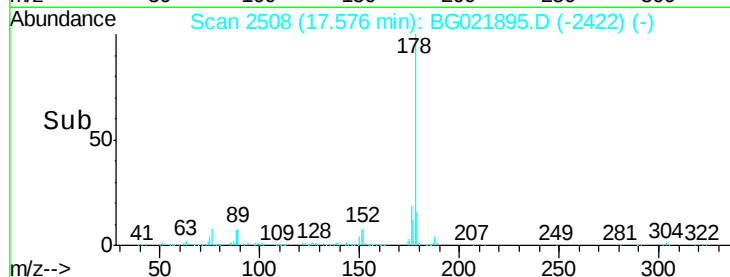
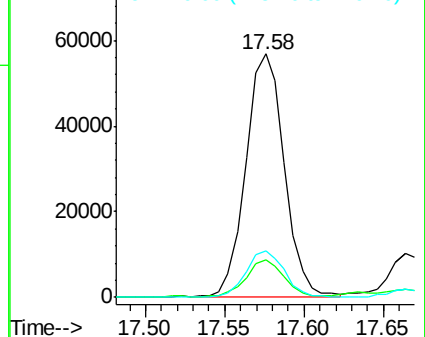
176 18.9 14.8 22.2



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



#74

Di-n-butylphthalate

Concen: 1.12 ng/ul

RT: 18.47 min Scan# 2661

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

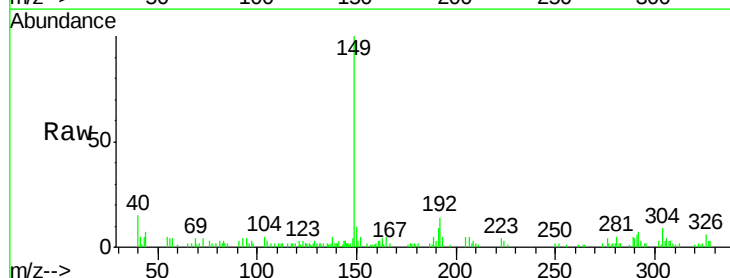
Tgt Ion:149 Resp: 18059

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

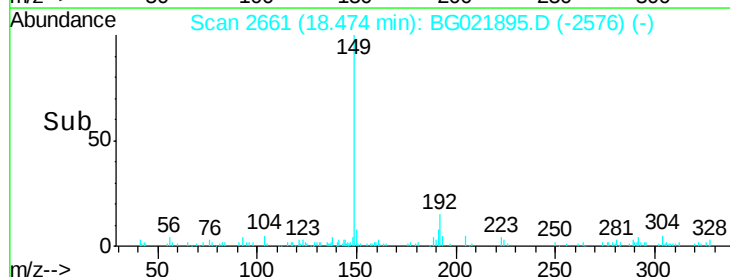
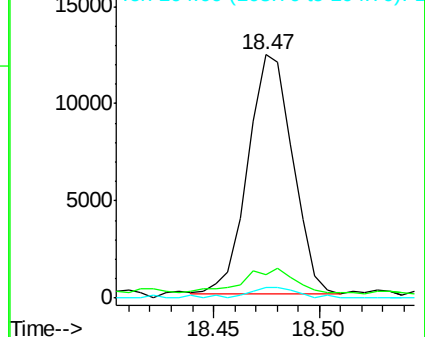
104 4.6 5.4 8.2#

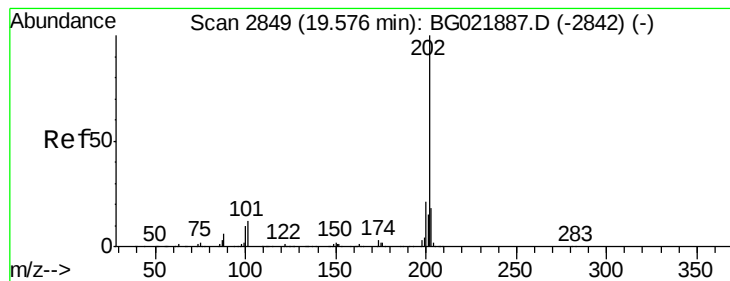


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.81 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampleId :

D9XG2

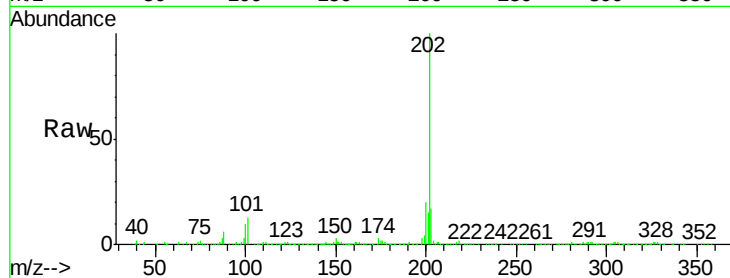
Tot Ion:202 Resp: 223924

Ion Ratio Lower Upper

202 100

101 13.5 8.9 13.3#

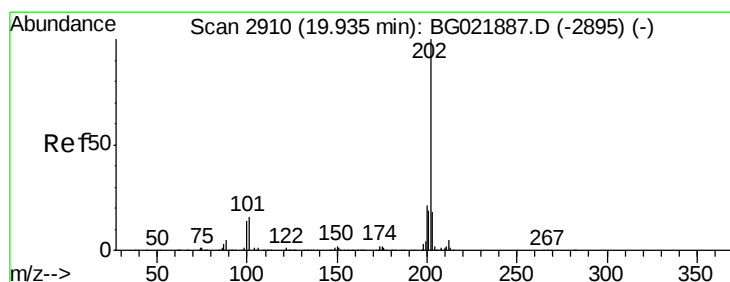
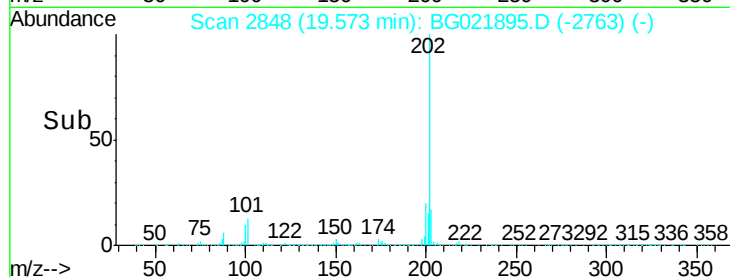
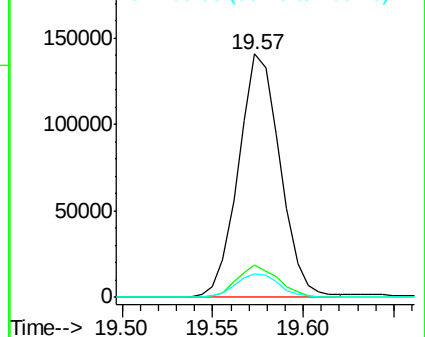
100 9.7 7.0 10.4



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: 10.59 ng/ul

RT: 19.57 min Scan# 2848

Delta R.T. -0.36 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

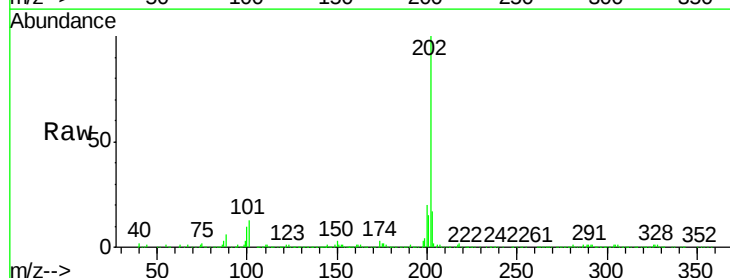
Tgt Ion:202 Resp: 223924

Ion Ratio Lower Upper

202 100

101 13.5 9.8 14.8

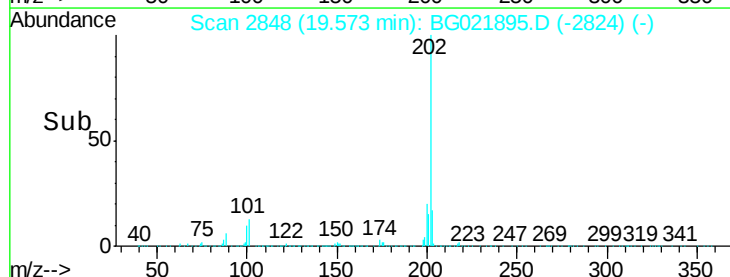
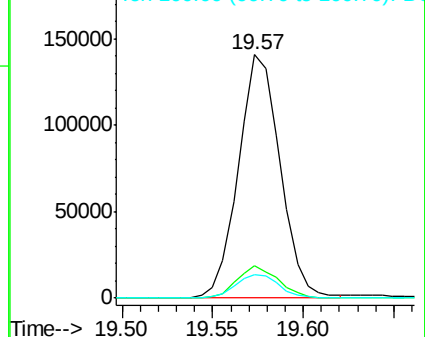
100 9.7 9.3 13.9

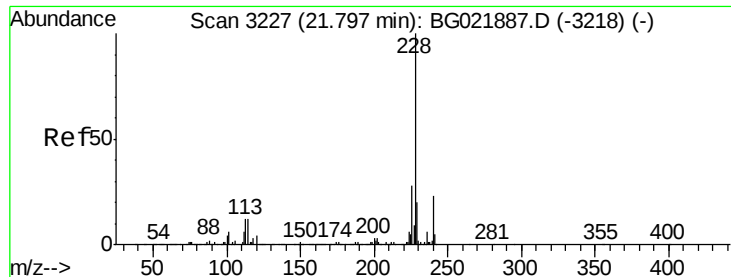


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Benzo(a)anthracene

Concen: 7.70 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampleId :

D9XG2

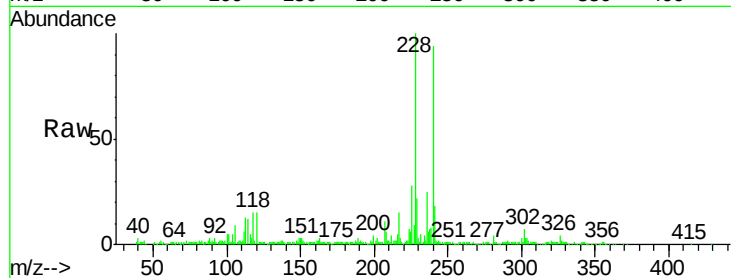
Tot Ion:228 Resp: 156674

Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.6	25.0
226	28.2	21.0	31.4

228 100

229 21.9 16.6 25.0

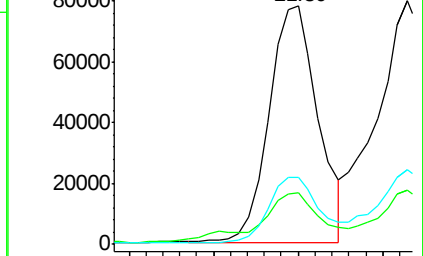
226 28.2 21.0 31.4



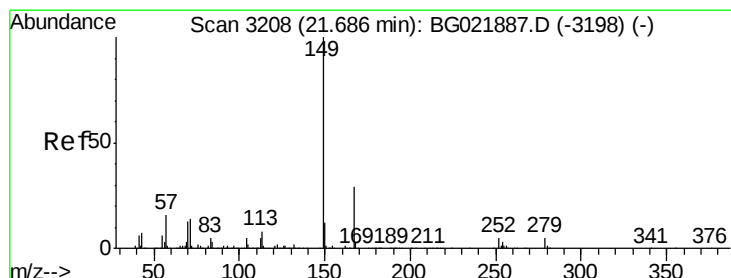
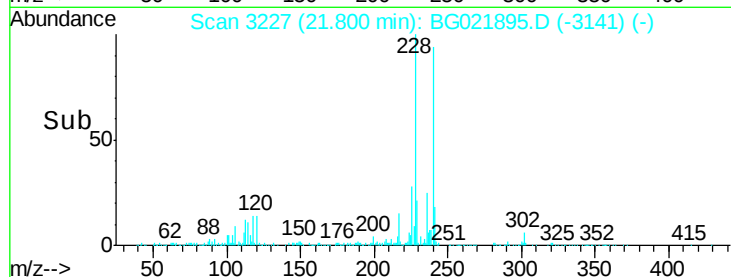
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time--> 21.70 21.75 21.80 21.85



#82

Bis(2-ethylhexyl)phthalate

Concen: 21.23 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

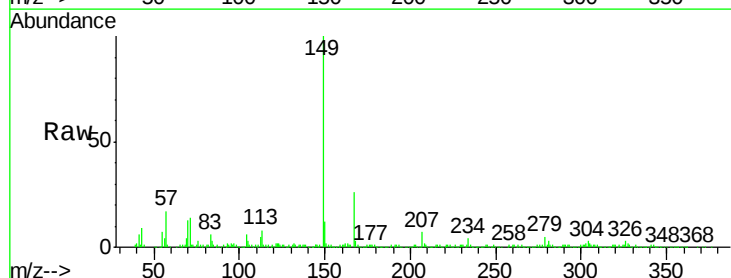
Tgt Ion:149 Resp: 162087

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.5	30.7
279	4.7	3.7	5.5

149 100

167 26.2 20.5 30.7

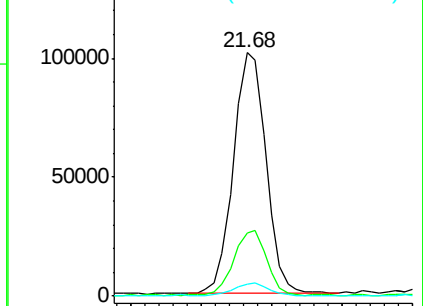
279 4.7 3.7 5.5



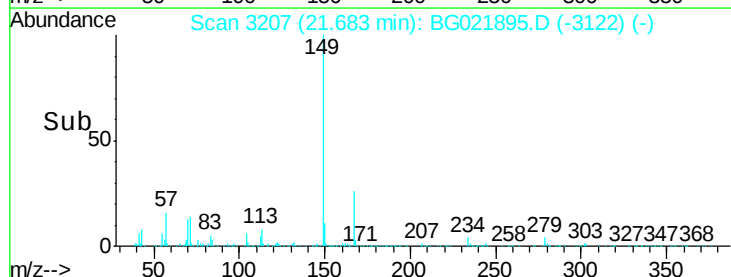
Abundance Ion 149.00 (148.70 to 149.70): E

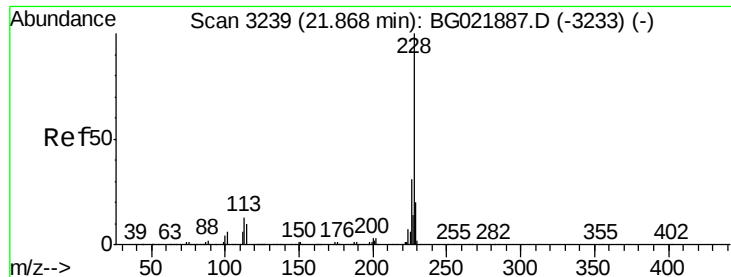
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.60 21.65 21.70 21.75





#83

Chrysene

Concen: 8.80 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampleId :

D9XG2

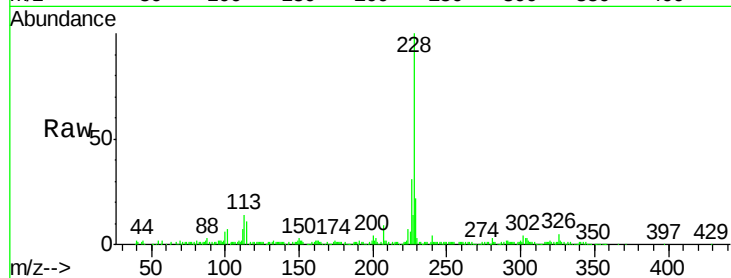
Tot Ion:228 Resp: 177189

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.2

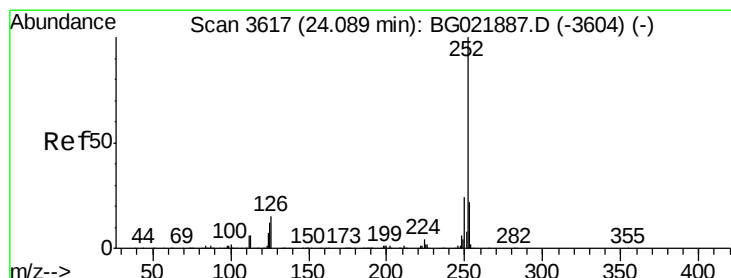
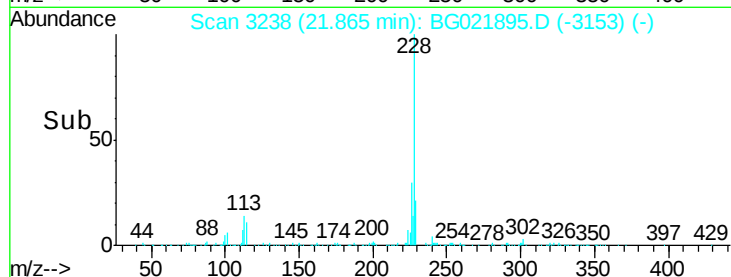
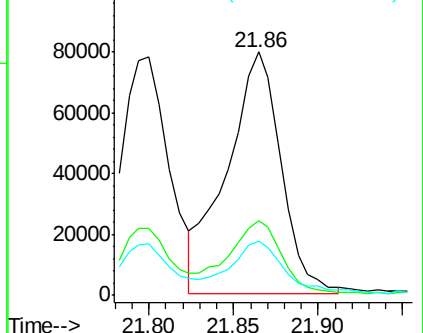
229 22.1 16.2 24.2



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: 18.29 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

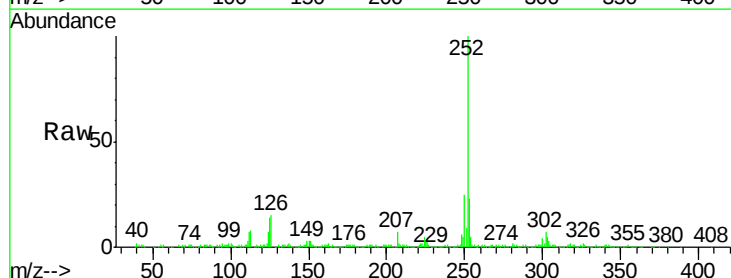
Tgt Ion:252 Resp: 388283

Ion Ratio Lower Upper

252 100

253 23.4 18.1 27.1

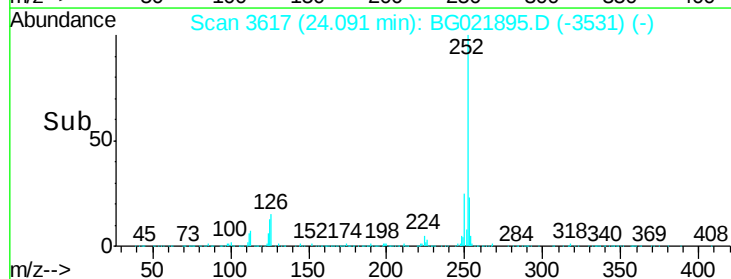
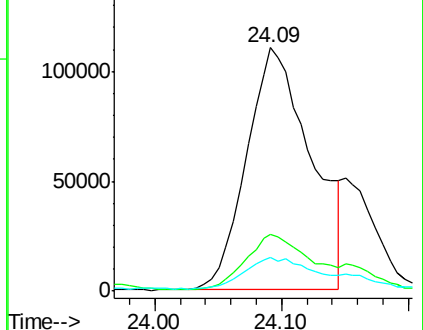
125 14.0 7.6 11.4#

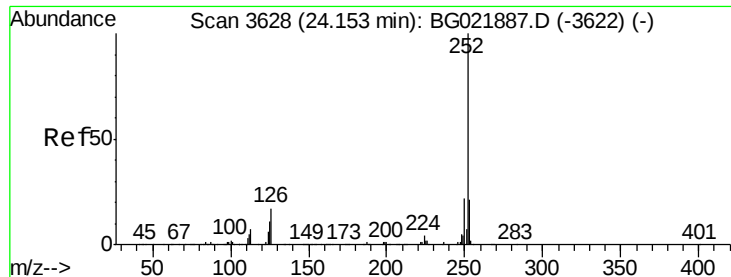


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#87

Benzo(k)fluoranthene

Concen: 17.09 ng/ul

RT: 24.09 min Scan# 3617

Delta R.T. -0.06 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampled :

D9XG2

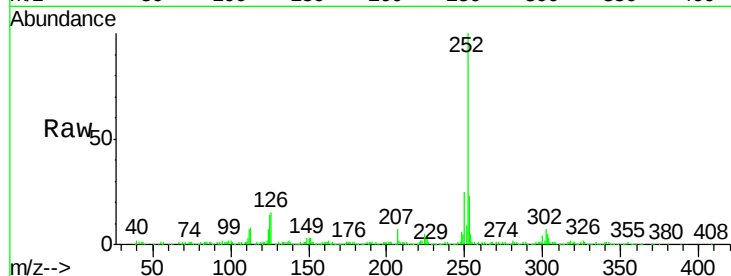
Tot Ion:252 Resp: 388283

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

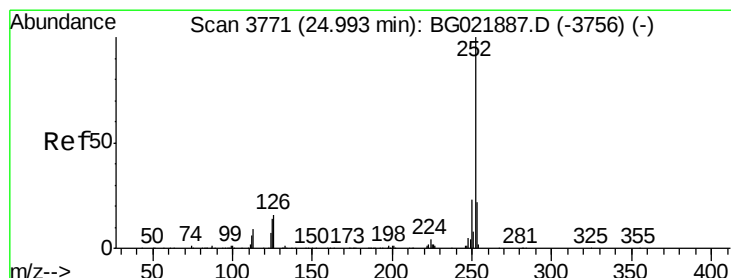
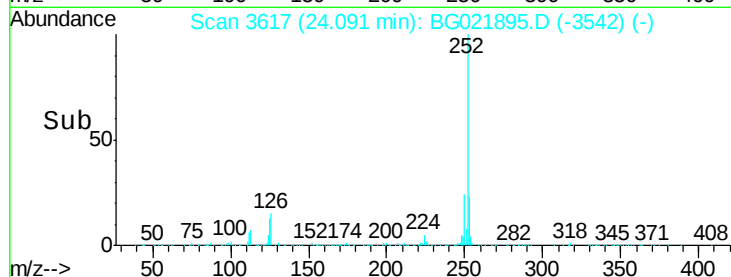
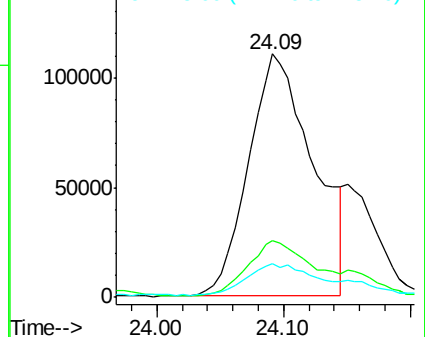
125 14.0 7.7 11.5#



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: 11.36 ng/ul

RT: 25.00 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

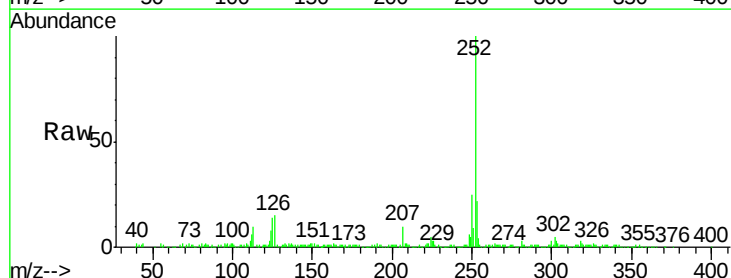
Tgt Ion:252 Resp: 240065

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

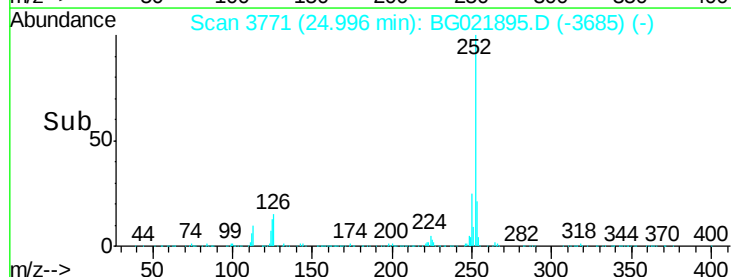
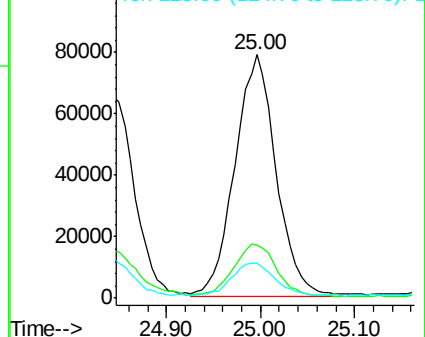
125 14.4 8.2 12.2#

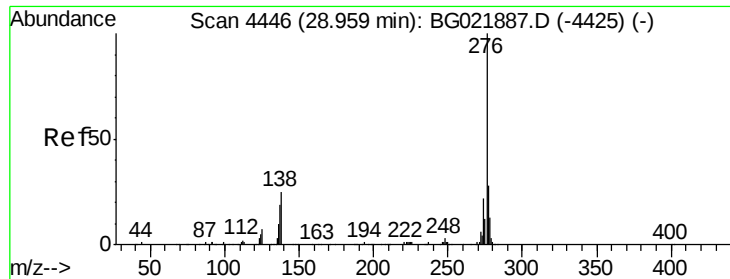


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.13 ng/ul

RT: 28.96 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

Instrument :

BNA_G

ClientSampleId :

D9XG2

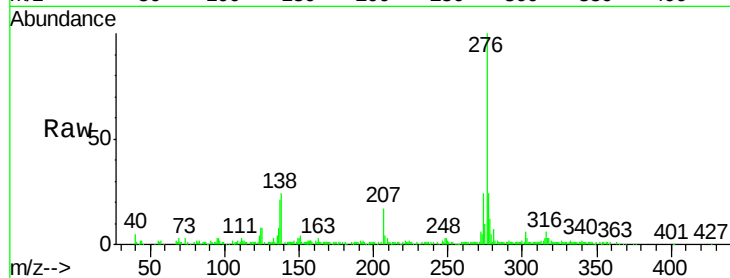
Tot Ion:276 Resp: 103511

Ion Ratio Lower Upper

276 100

138 24.3 15.8 23.6#

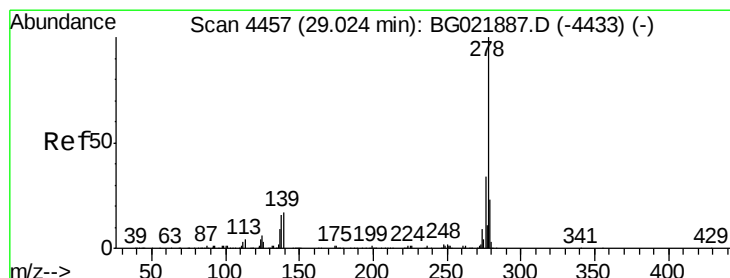
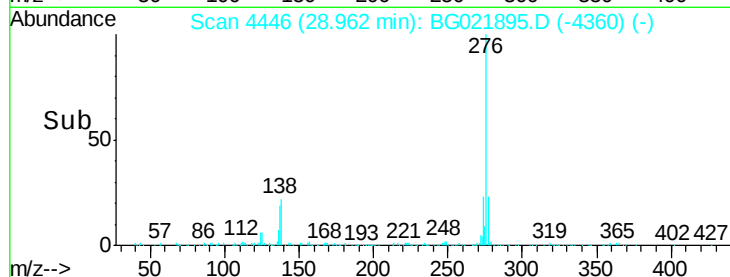
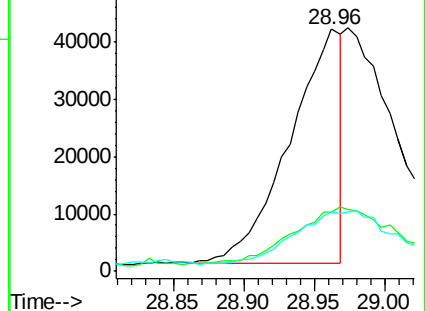
277 24.3 19.0 28.6



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



#91

Dibenzo(a,h)anthracene

Concen: 2.73 ng/ul

RT: 29.01 min Scan# 4454

Delta R.T. -0.01 min

Lab File: BG021895.D

Acq: 15 May 2016 16:14

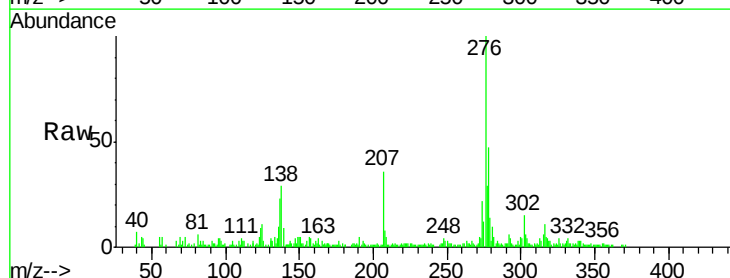
Tgt Ion:278 Resp: 56836

Ion Ratio Lower Upper

278 100

139 19.1 12.1 18.1#

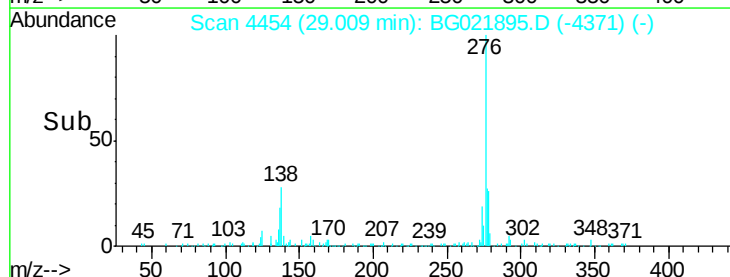
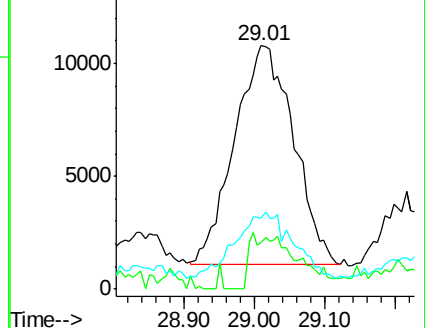
279 29.3 19.8 29.8

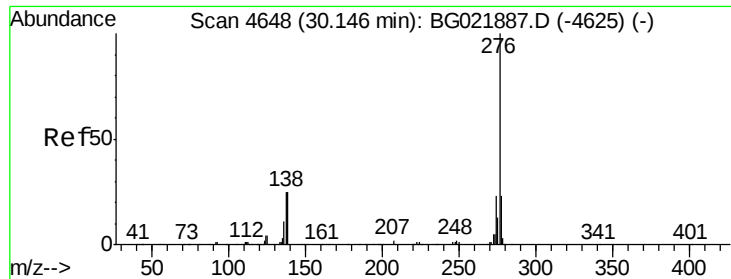


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 4.63 ng/ul
 RT: 30.15 min Scan# 4649
 Delta R.T. 0.01 min
 Lab File: BG021895.D
 Acq: 15 May 2016 16:14

Instrument :
 BNA_G
 ClientSampleId :
 D9XG2

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	13.9	20.9
277	23.6	19.8	29.6

