

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021841.D
 Acq On : 11 May 2016 13:00
 Operator : UM/SJ
 Sample : H2937-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X87

Quant Time: May 12 04:48:41 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 04:46:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	77813	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	433682	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	275255	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	575346	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	559323	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	551309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4549	2.82	ng/uL	0.00
5) Phenol-d5	7.33	99	95333	16.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	45788	15.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	85159	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	83232	17.16	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	44148	15.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	45664	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	91334	17.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	330	0.06	ng/ul	0.19
44) Dimethylphthalate-d6	14.20	166	321525	16.63	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	433191	15.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	36654	11.06	ng/ul	0.00
58) Fluorene-d10	15.79	176	297448	14.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33962	21.31	ng/ul	0.00
71) Anthracene-d10	17.64	188	414868	14.81	ng/ul	0.00
77) Pyrene-d10	19.92	212	428579	16.37	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.95	264	389439	14.87	ng/ul	0.00

Target Compounds

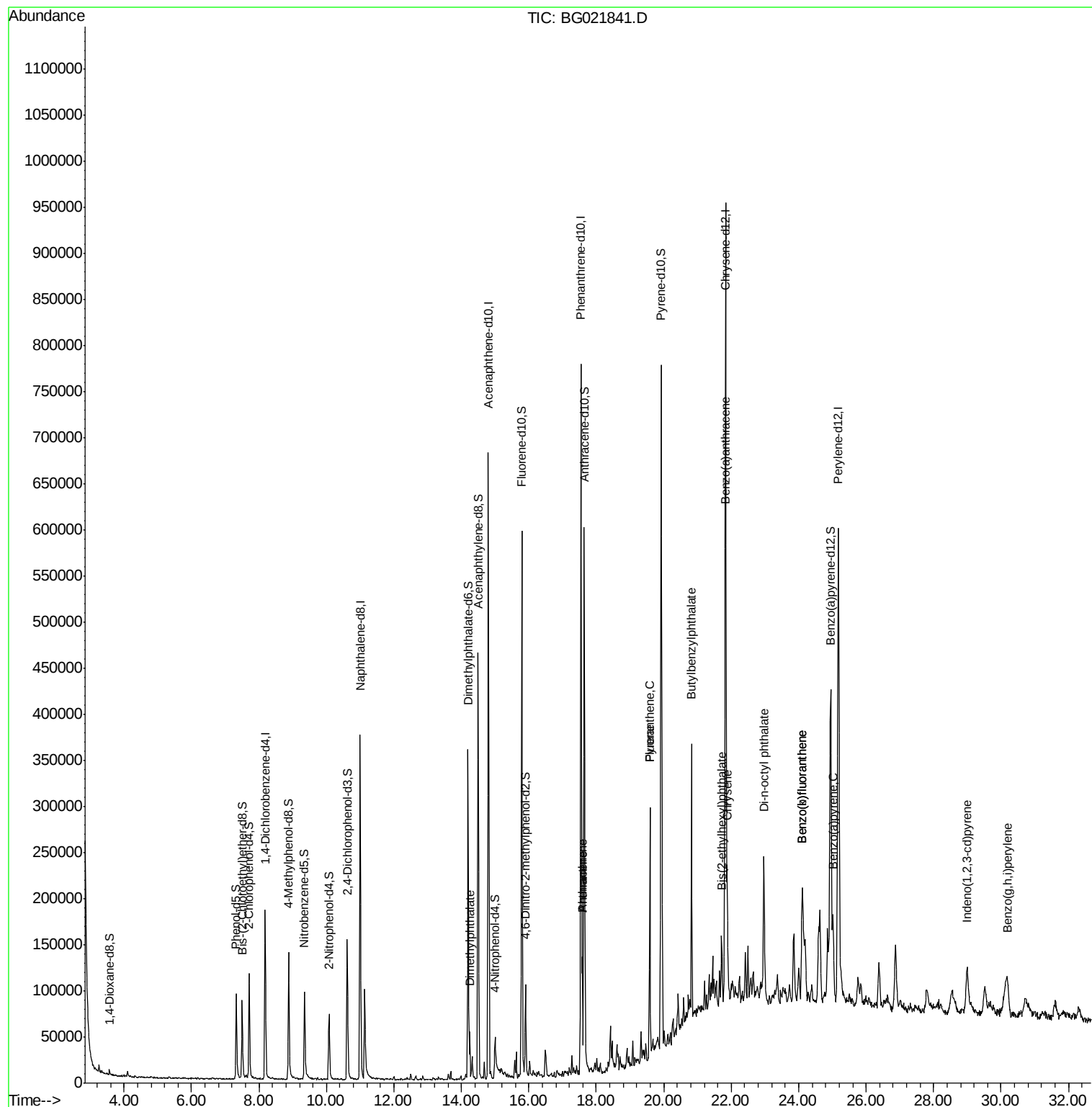
						Ovalue
45) Dimethylphthalate	14.25	163	41233	2.09	ng/ul	97
70) Phenanthrene	17.58	178	87300	2.78	ng/ul	98
72) Anthracene	17.58	178	87300	2.73	ng/ul	99
75) Fluoranthene	19.59	202	191391	5.36	ng/ul	95
78) Pyrene	19.59	202	191576	5.92	ng/ul	98
79) Butylbenzylphthalate	20.82	149	113456	15.86	ng/ul#	79
81) Benzo(a)anthracene	21.81	228	105649	3.39	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.72	149	75518	6.47	ng/ul#	60
83) Chrysene	21.88	228	96997	3.15	ng/ul	98
85) Di-n-octyl phthalate	22.97	149	184534	8.12	ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	166895	5.29	ng/ul#	92
87) Benzo(k)fluoranthene	24.11	252	166895	4.94	ng/ul#	92
89) Benzo(a)pyrene	25.02	252	104883	3.34	ng/ul#	94
90) Indeno(1,2,3-cd)pyrene	28.99	276	46018	1.24	ng/ul#	90
92) Benzo(g,h,i)perylene	30.19	276	77356	2.52	ng/ul#	86

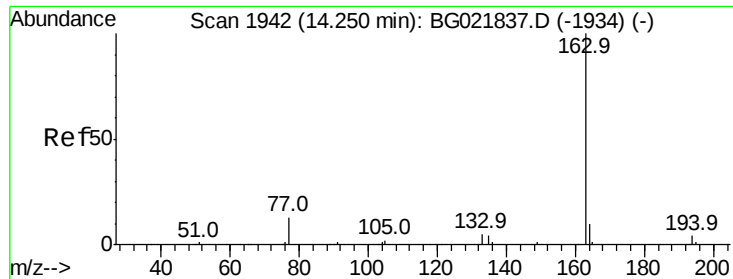
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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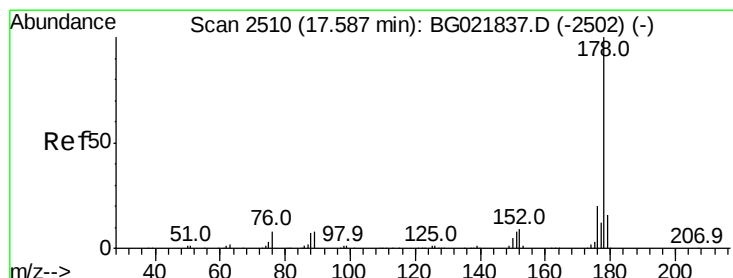
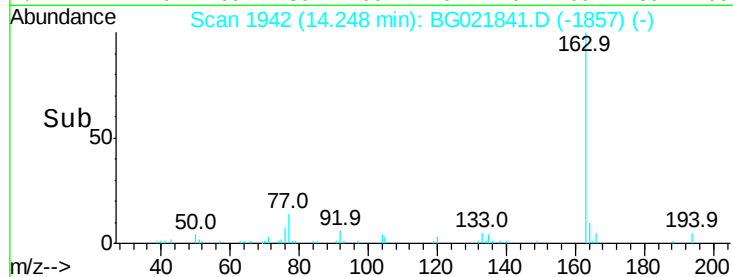
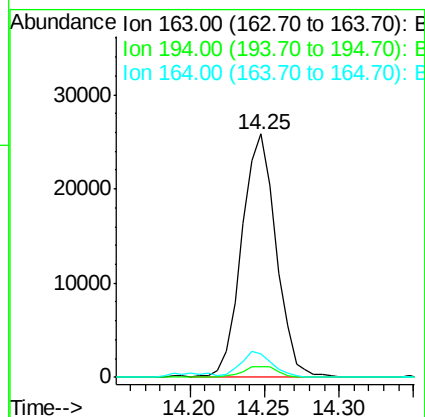
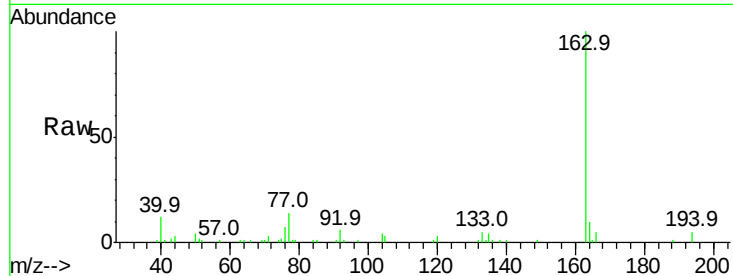




#45
 Dimethylphthalate
 Concen: 2.09 ng/ul
 RT: 14.25 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG021841.D
 Acq: 11 May 2016 13:00

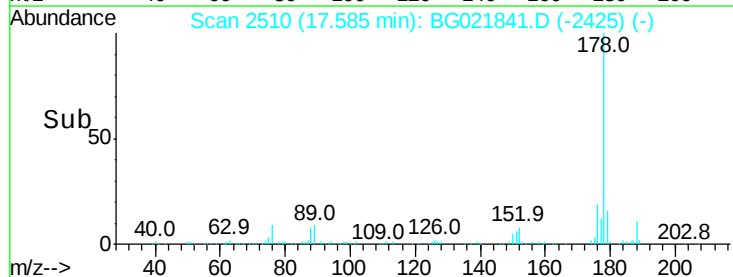
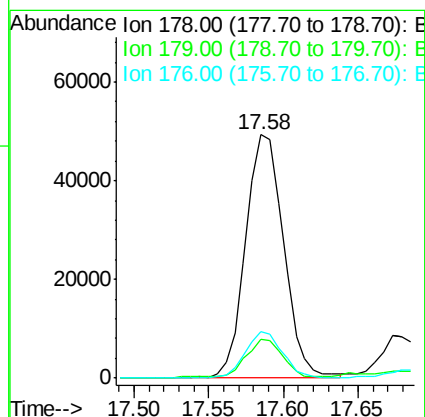
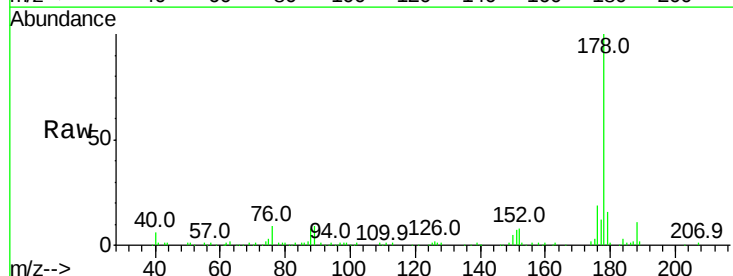
Instrument :
 BNA_G
 ClientSampleId :
 D9X87

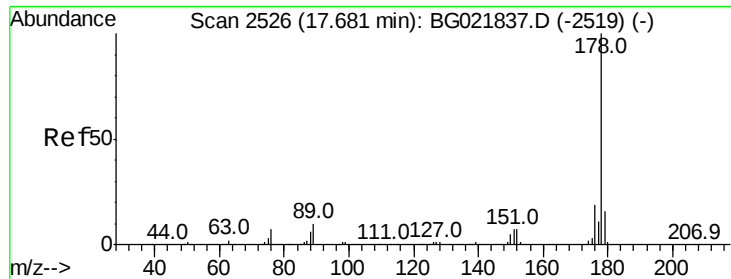
Tot Ion:163 Resp: 41233
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.9 5.9
 164 9.6 8.7 13.1



#70
 Phenanthrene
 Concen: 2.78 ng/ul
 RT: 17.58 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG021841.D
 Acq: 11 May 2016 13:00

Tgt Ion:178 Resp: 87300
 Ion Ratio Lower Upper
 178 100
 179 16.0 11.8 17.8
 176 18.9 14.8 22.2





#72

Anthracene

Concen: 2.73 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.10 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

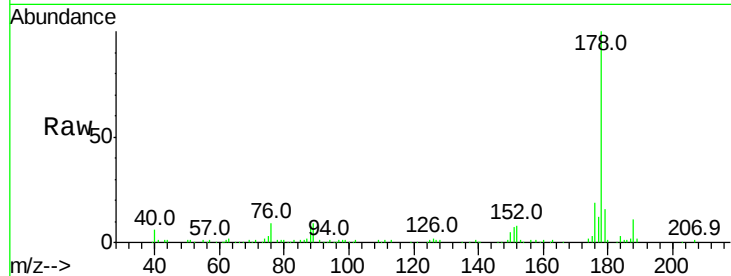
BNA_G

ClientSampleId :

D9X87

Tot Ion:178 Resp: 87300

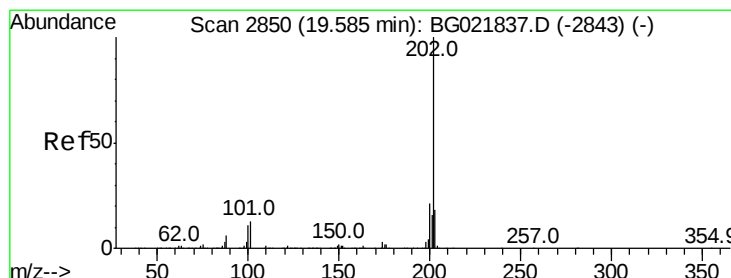
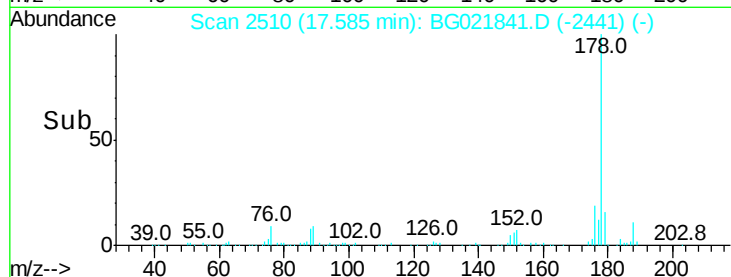
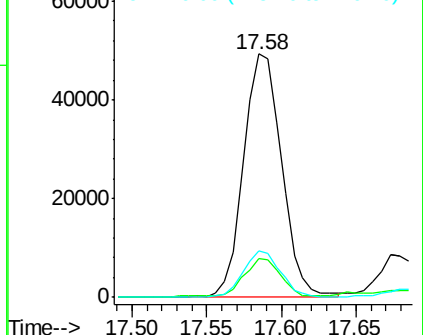
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	18.9	15.6	23.4



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: 5.36 ng/ul

RT: 19.59 min Scan# 2851

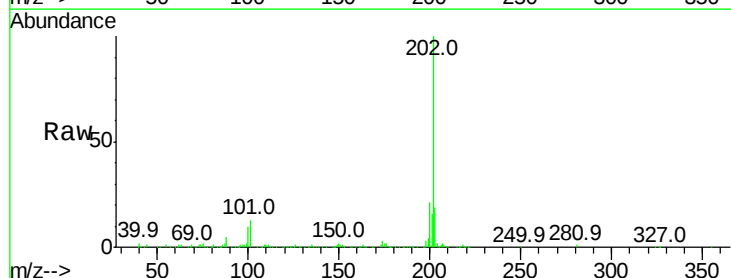
Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Tgt Ion:202 Resp: 191391

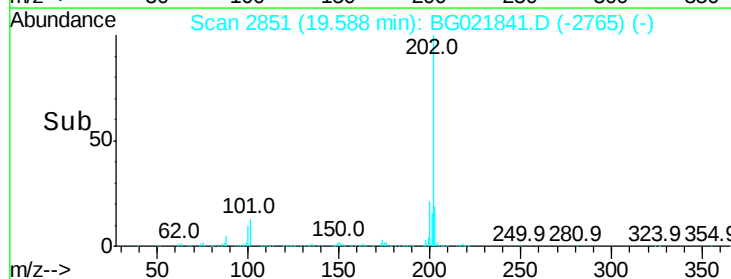
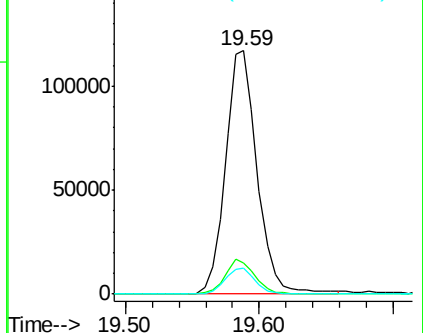
Ion	Ratio	Lower	Upper
202	100		
101	12.7	8.9	13.3
100	10.4	7.0	10.4

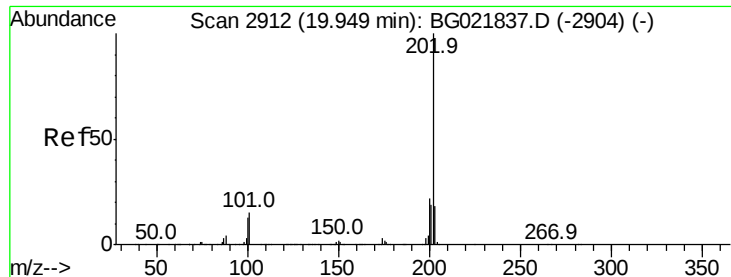


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

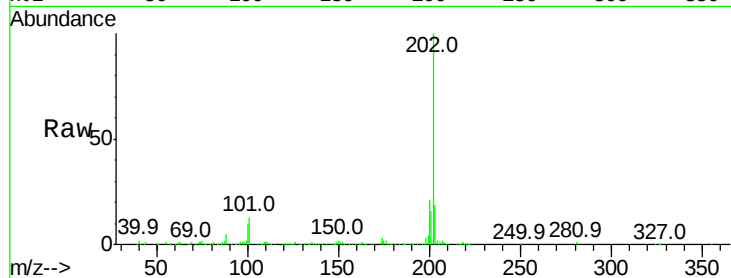




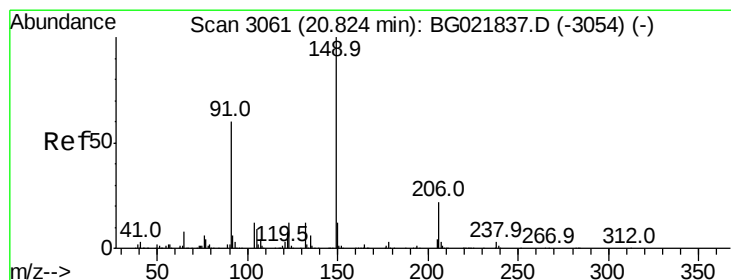
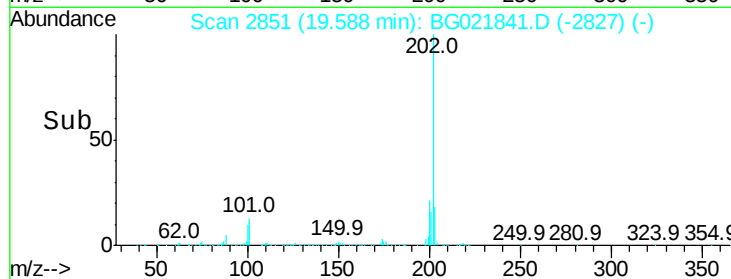
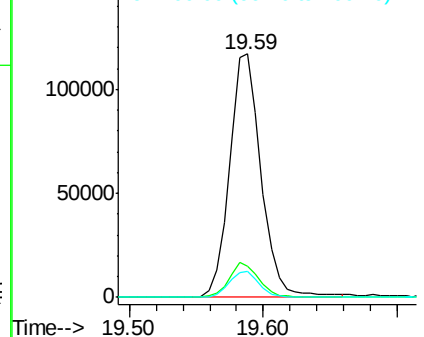
#78
Pvrene
Concen: 5.92 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Instrument :
BNA_G
ClientSampleId :
D9X87

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.8
100	10.4	9.3	13.9

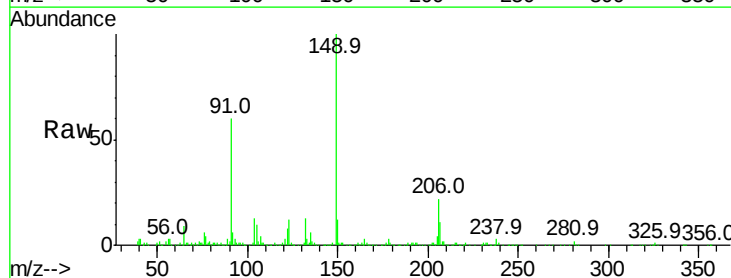


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

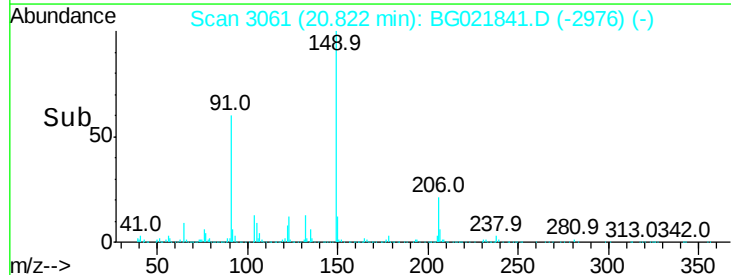
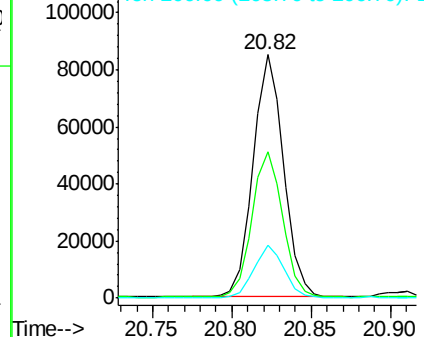


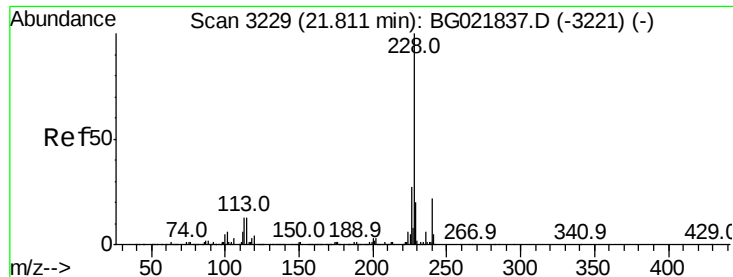
#79
Butylbenzylphthalate
Concen: 15.86 ng/ul
RT: 20.82 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BG021841.D
Acq: 11 May 2016 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.3	65.8	98.8#
206	21.6	15.5	23.3



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





#81

Benzo(a)anthracene

Concen: 3.39 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

ClientSampleId :

D9X87

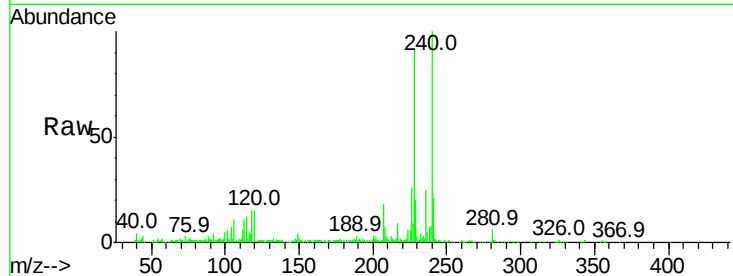
Tot Ion:228 Resp: 105649

Ion Ratio Lower Upper

228 100

229 22.2 16.6 25.0

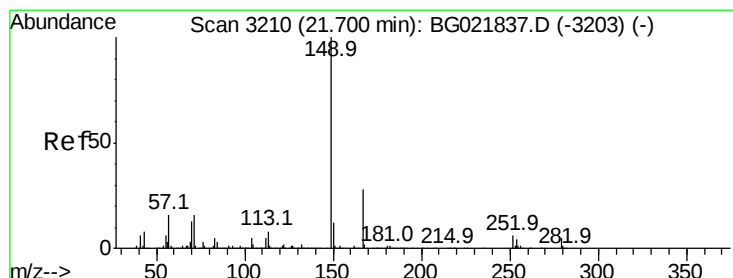
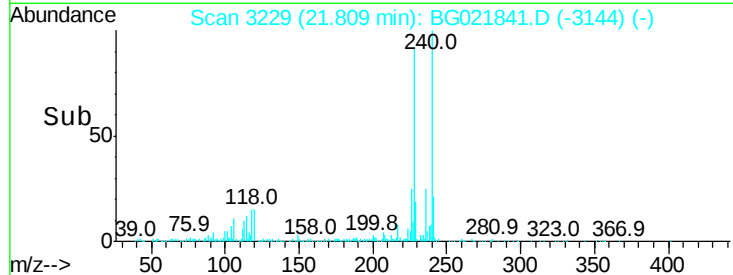
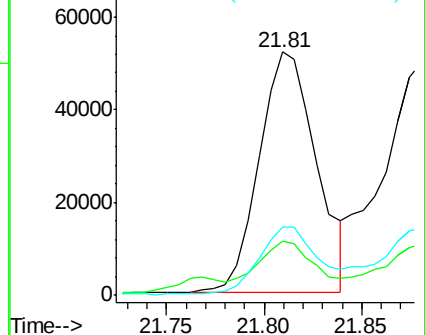
226 28.3 21.0 31.4



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



#82

Bis(2-ethylhexyl)phthalate

Concen: 6.47 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

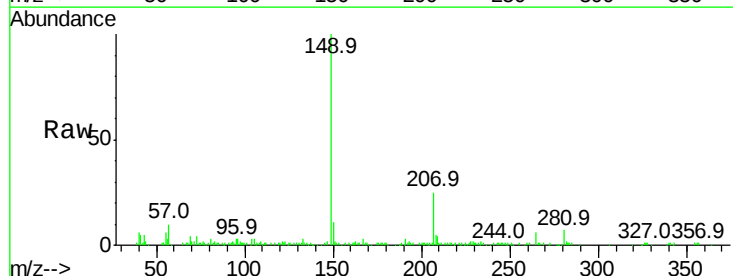
Tgt Ion:149 Resp: 75518

Ion Ratio Lower Upper

149 100

167 2.8 20.5 30.7#

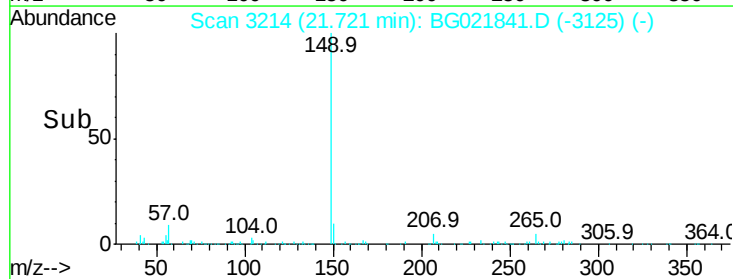
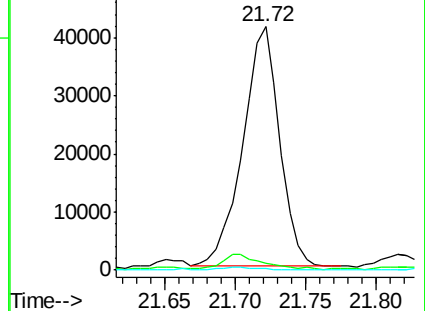
279 0.5 3.7 5.5#

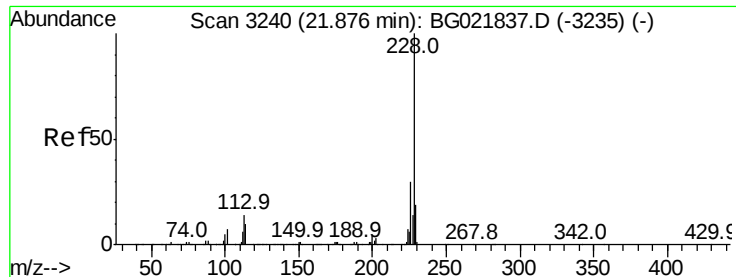


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 3.15 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

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ClientSampleId :

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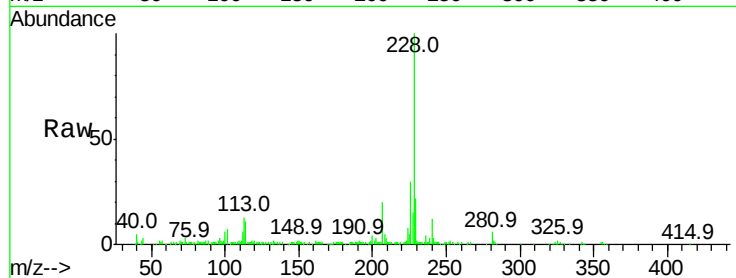
Tot Ion:228 Resp: 96997

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

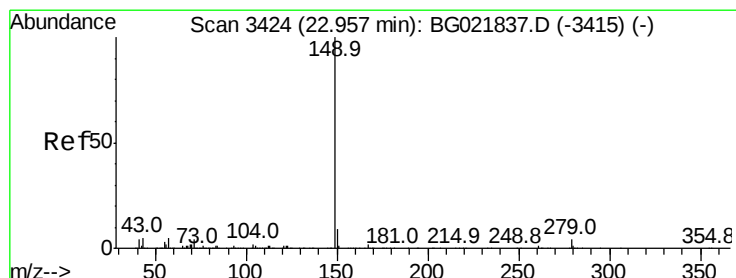
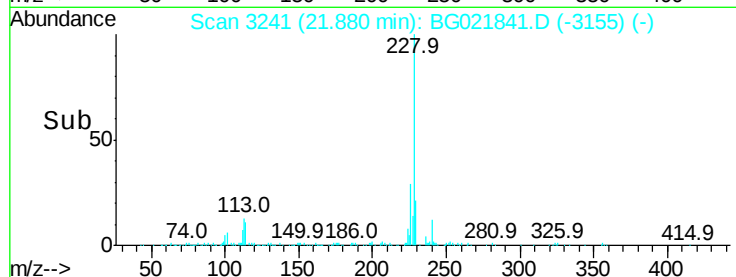
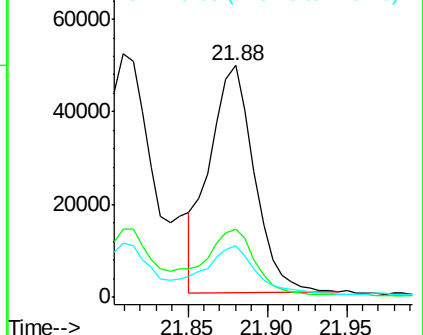
229 22.4 16.2 24.2



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



#85

Di-n-octyl phthalate

Concen: 8.12 ng/ul

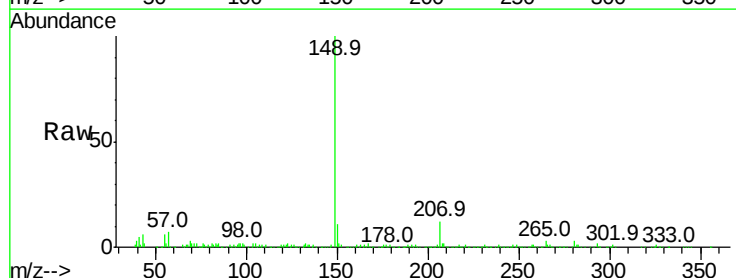
RT: 22.97 min Scan# 3426

Delta R.T. 0.01 min

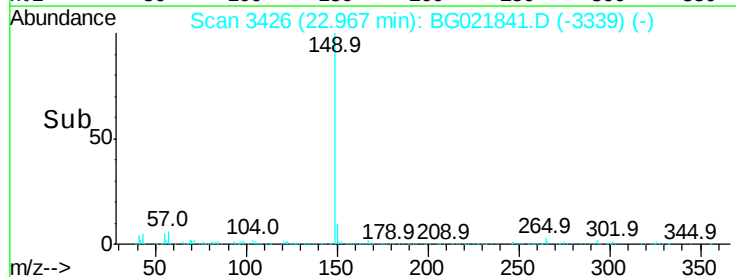
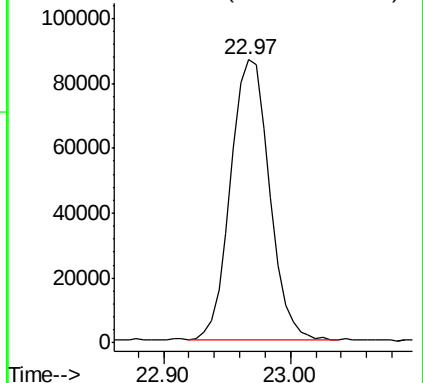
Lab File: BG021841.D

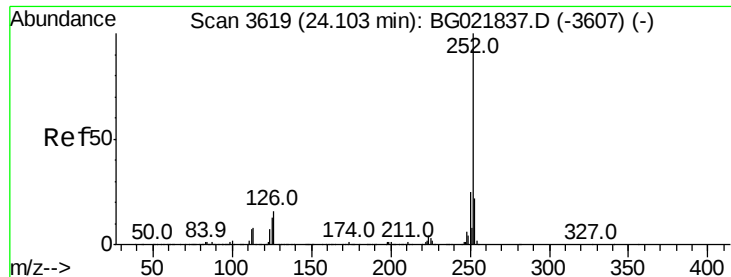
Acq: 11 May 2016 13:00

Tgt Ion:149 Resp: 184534



Abundance Ion 149.00 (148.70 to 149.70): E





#86

Benzo(b)fluoranthene

Concen: 5.29 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

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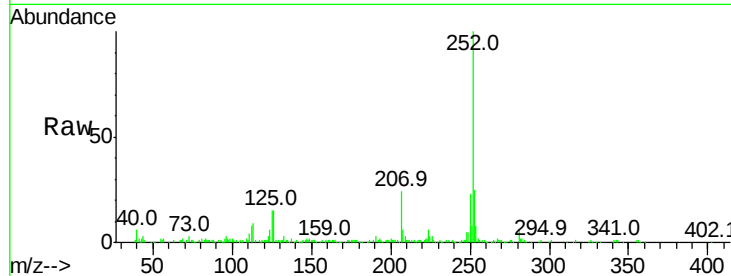
Tot Ion:252 Resp: 166895

Ion Ratio Lower Upper

252 100

253 24.6 18.1 27.1

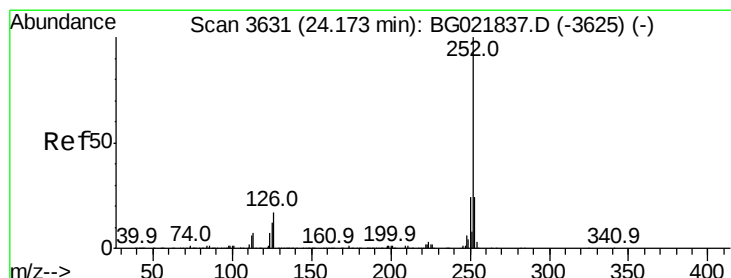
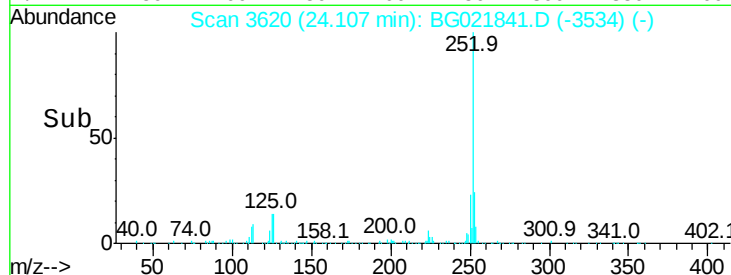
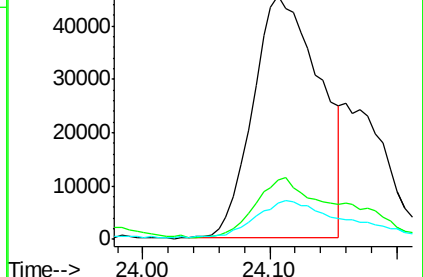
125 15.1 7.6 11.4#



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: 4.94 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. -0.07 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

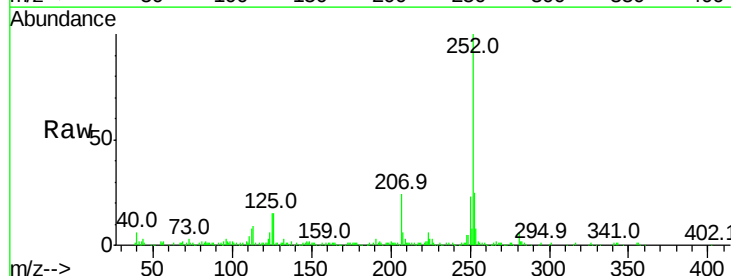
Tgt Ion:252 Resp: 166895

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.8

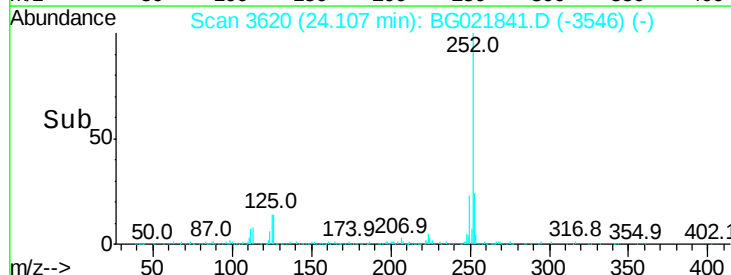
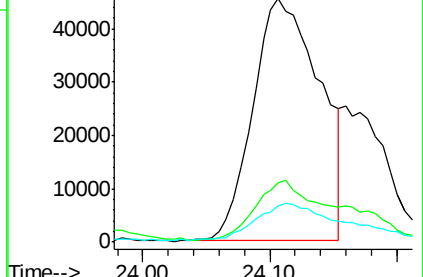
125 15.1 7.7 11.5#

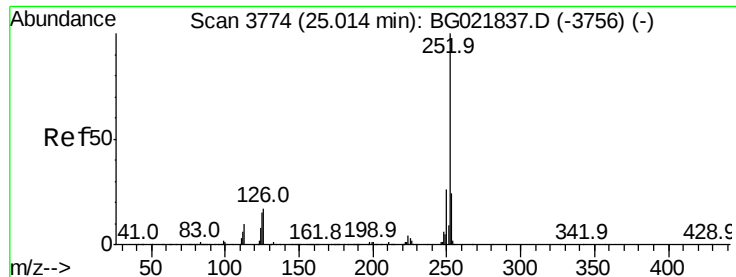


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.34 ng/ul

RT: 25.02 min Scan# 3775

Delta R.T. 0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

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D9X87

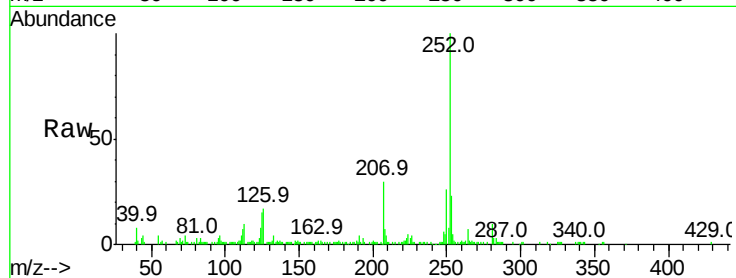
Tot Ion:252 Resp: 104883

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

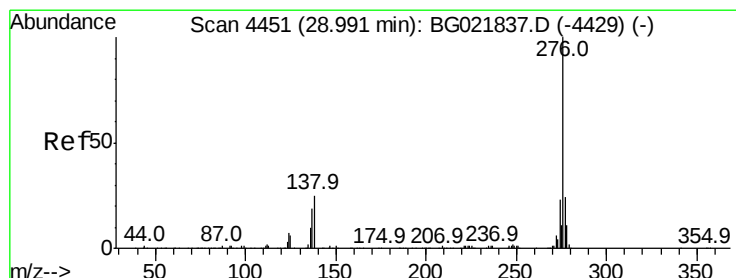
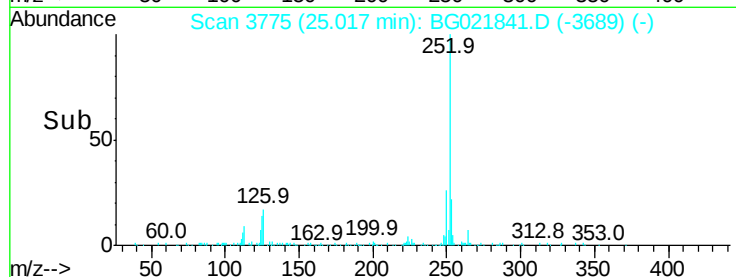
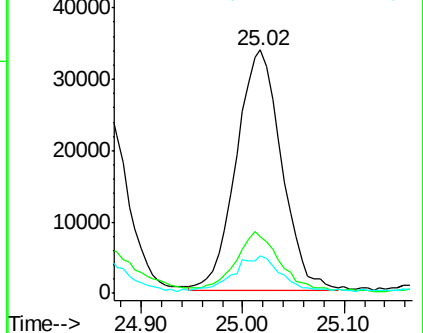
125 15.2 8.2 12.2#



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: 1.24 ng/ul

RT: 28.99 min Scan# 4451

Delta R.T. -0.00 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

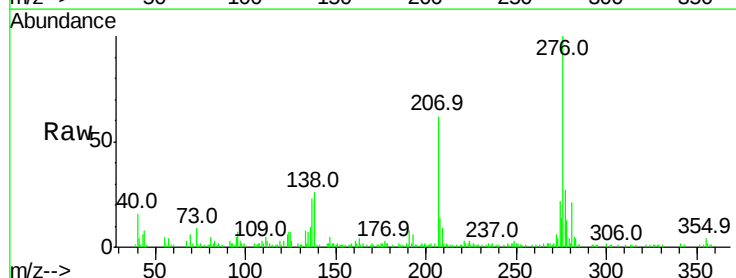
Tgt Ion:276 Resp: 46018

Ion Ratio Lower Upper

276 100

138 26.4 15.8 23.6#

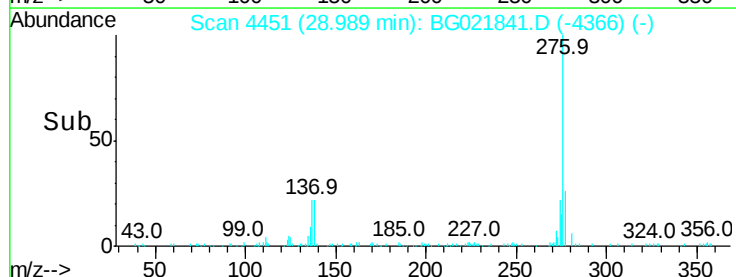
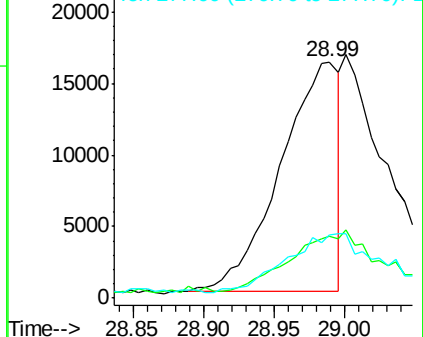
277 26.6 19.0 28.6

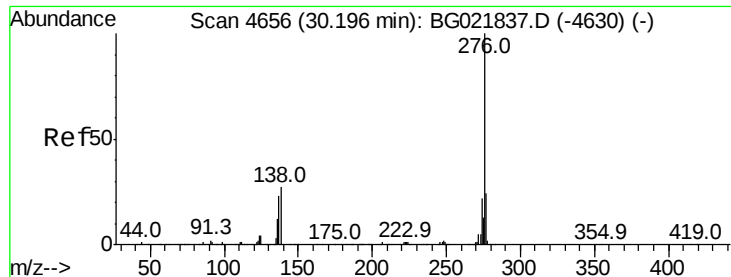


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.52 ng/ul

RT: 30.19 min Scan# 4655

Delta R.T. -0.01 min

Lab File: BG021841.D

Acq: 11 May 2016 13:00

Instrument :

BNA_G

ClientSampleId :

D9X87

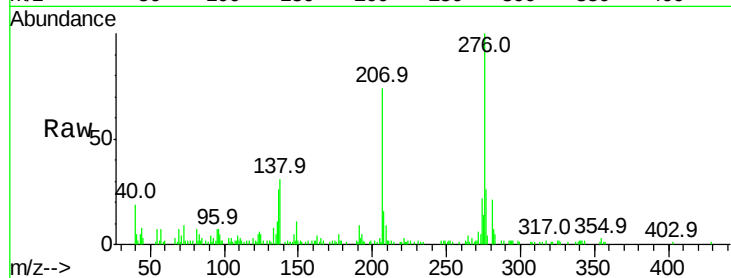
Tot Ion:276 Resp: 77356

Ion Ratio Lower Upper

276 100

138 30.7 13.9 20.9#

277 25.8 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

