

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021831.D
 Acq On : 11 May 2016 00:42
 Operator : UM/SJ
 Sample : H2937-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X82

Quant Time: May 11 03:34:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	88503	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	449988	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	262207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	523275	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	503791	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	501851	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	5614	3.06	ng/uL	0.00
5) Phenol-d5	7.34	99	118932	18.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	58217	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	109597	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	104220	18.89	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	54710	18.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	53806	28.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	110463	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.40	131	131	0.02	ng/ul	0.27
44) Dimethylphthalate-d6	14.20	166	351768	19.10	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	482953	18.47	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	44214	14.01	ng/ul	0.00
58) Fluorene-d10	15.79	176	324373	16.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34832	24.03	ng/ul	0.00
71) Anthracene-d10	17.65	188	453454	17.80	ng/ul	0.00
77) Pyrene-d10	19.92	212	475477	20.16	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	442979	18.58	ng/ul	0.01

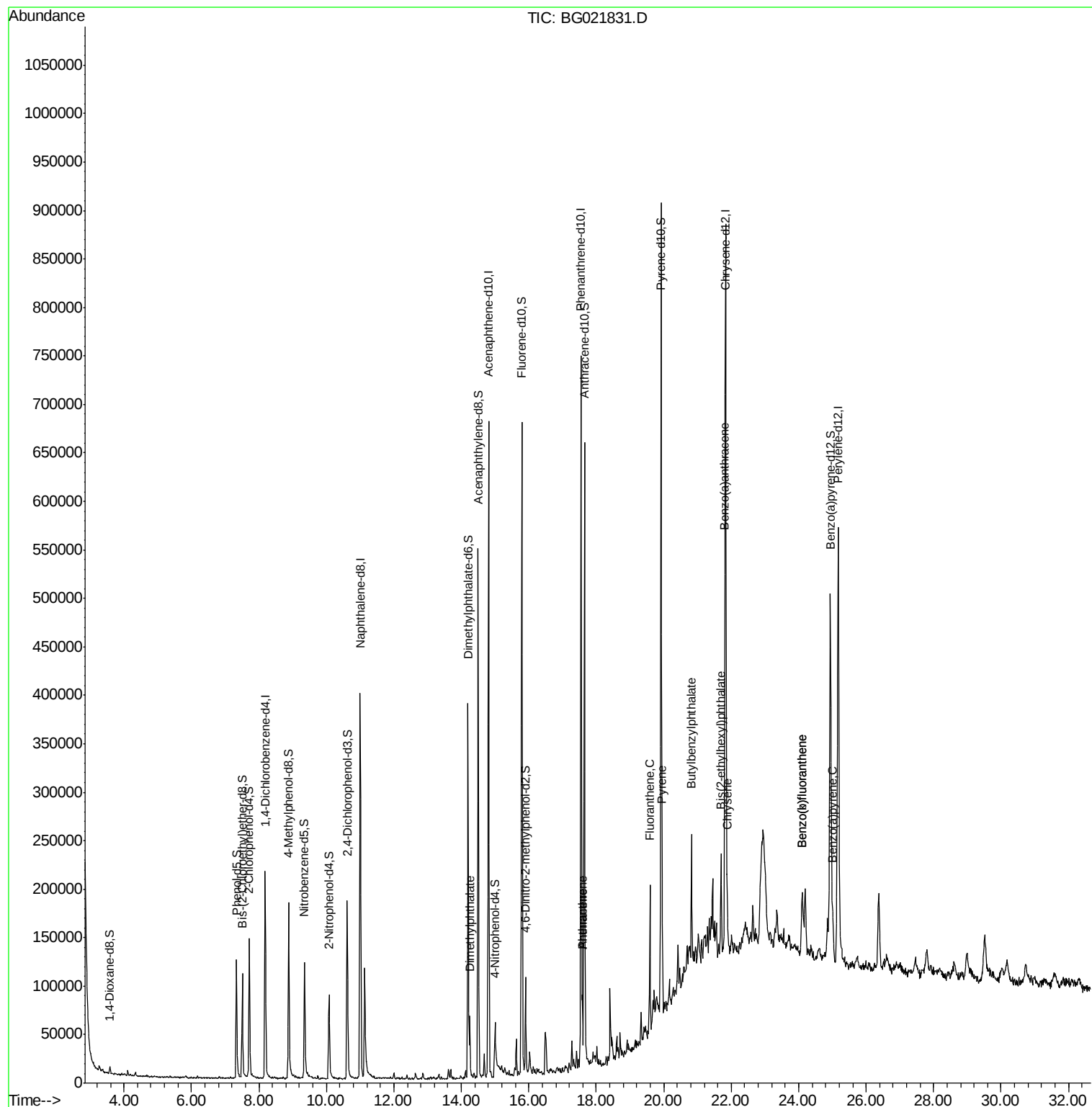
Target Compounds				Qvalue		
45) Dimethylphthalate	14.25	163	48697	2.60 ng/ul#	98	
70) Phenanthrene	17.59	178	46466	1.62 ng/ul	97	
72) Anthracene	17.59	178	46466	1.60 ng/ul	98	
75) Fluoranthene	19.59	202	101039	3.11 ng/ul#	93	
78) Pyrene	19.95	202	86013	2.95 ng/ul	95	
79) Butylbenzylphthalate	20.82	149	51037	7.92 ng/ul#	77	
81) Benzo(a)anthracene	21.81	228	54024	1.93 ng/ul	97	
82) Bis(2-ethylhexyl)phthalate	21.70	149	65760	6.25 ng/ul	100	
83) Chrysene	21.87	228	53248	1.92 ng/ul	96	
86) Benzo(b)fluoranthene	24.10	252	89395	3.11 ng/ul#	93	
87) Benzo(k)fluoranthene	24.10	252	89395	2.91 ng/ul#	93	
89) Benzo(a)pyrene	25.00	252	55402	1.94 ng/ul#	93	

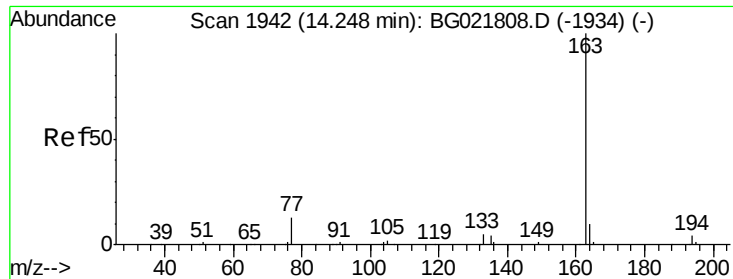
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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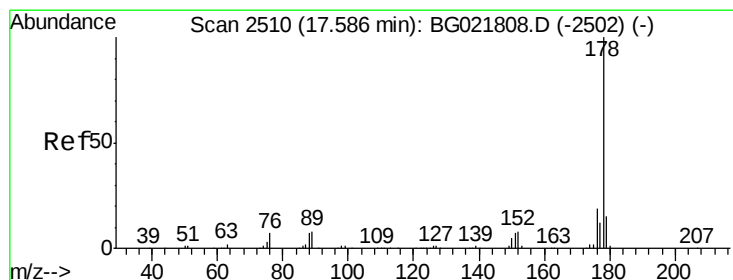
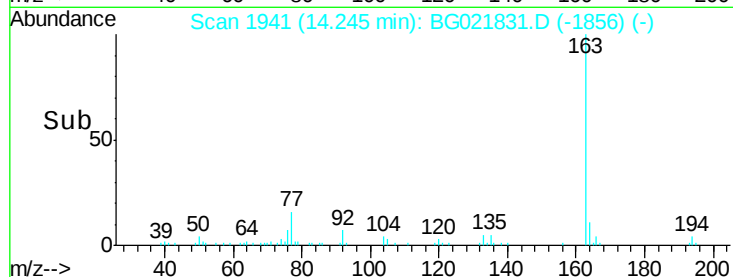
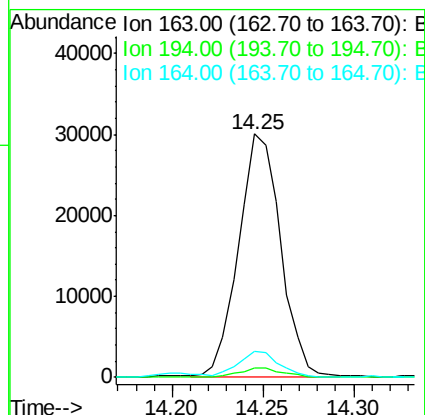
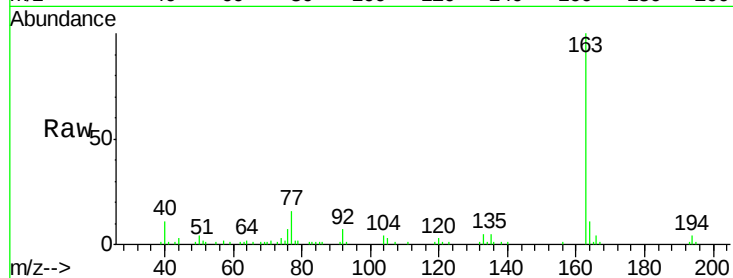




#45
Dimethylphthalate
Concen: 2.60 ng/ul
RT: 14.25 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

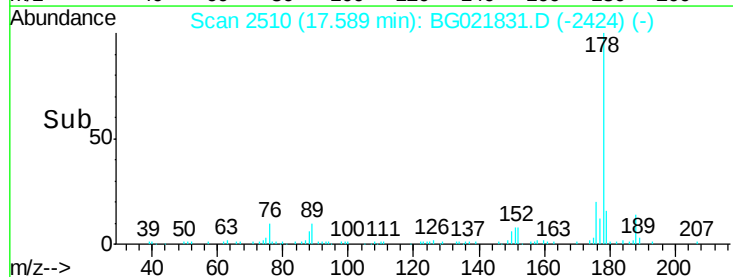
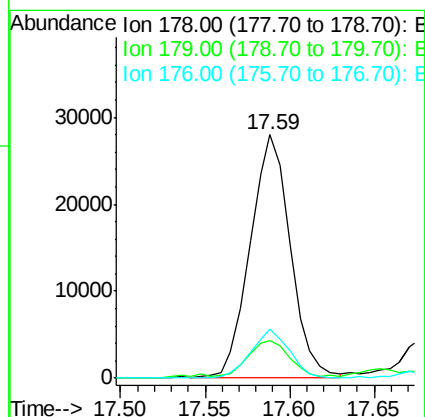
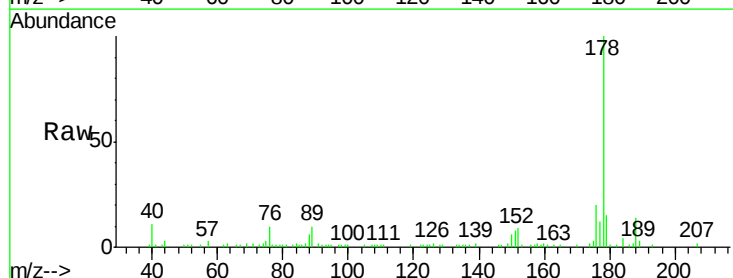
Instrument :
BNA_G
ClientSampleId :
D9X82

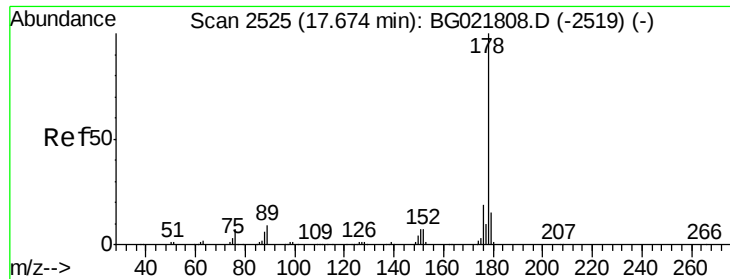
Tgt Ion:163 Resp: 48697
Ion Ratio Lower Upper
163 100
194 3.8 3.9 5.9#
164 10.6 8.7 13.1



#70
Phenanthrene
Concen: 1.62 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Tgt Ion:178 Resp: 46466
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 20.3 14.8 22.2





#72

Anthracene

Concen: 1.60 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.09 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Instrument :

BNA_G

ClientSampleId :

D9X82

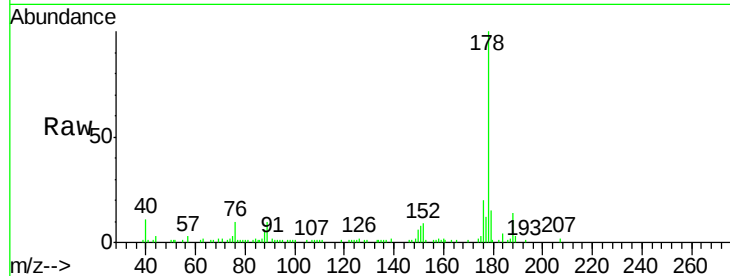
Tgt Ion:178 Resp: 46466

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

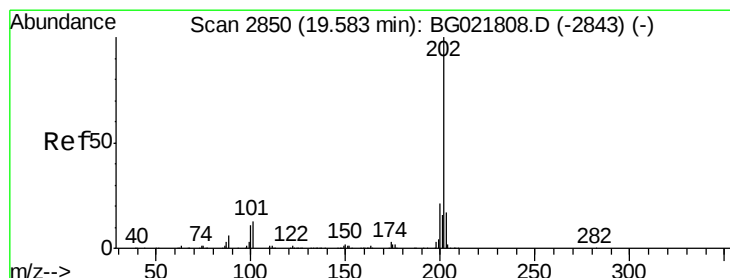
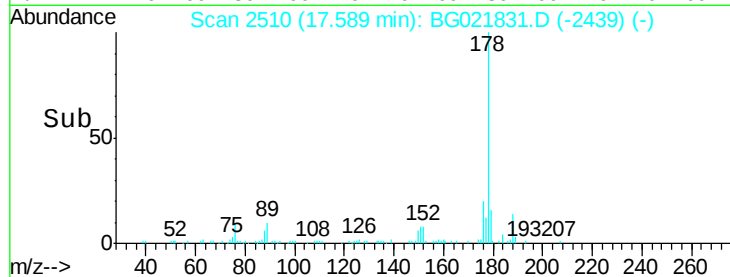
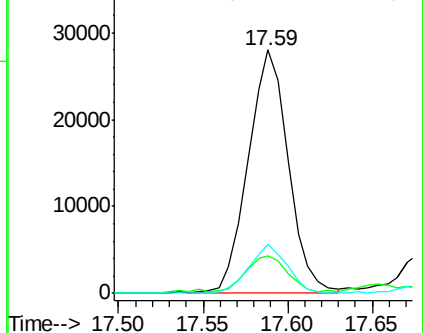
176 20.3 15.6 23.4



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: 3.11 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

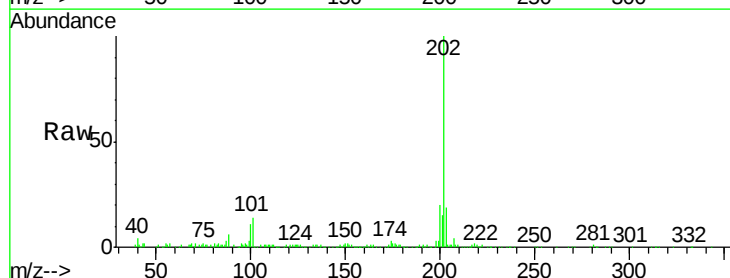
Tgt Ion:202 Resp: 101039

Ion Ratio Lower Upper

202 100

101 13.8 8.9 13.3#

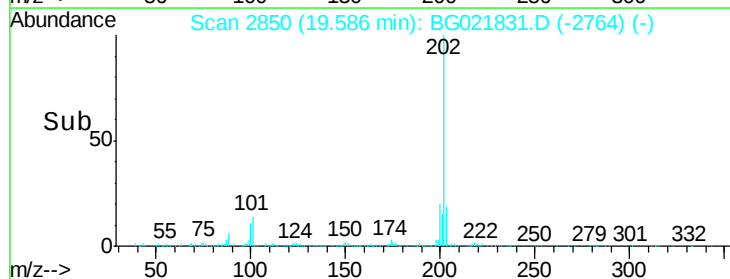
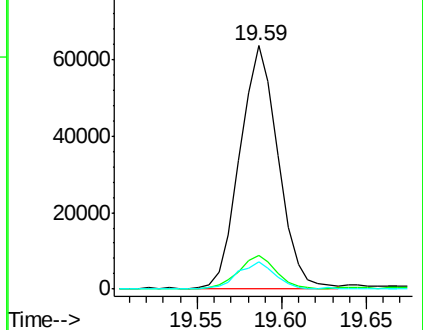
100 11.4 7.0 10.4#

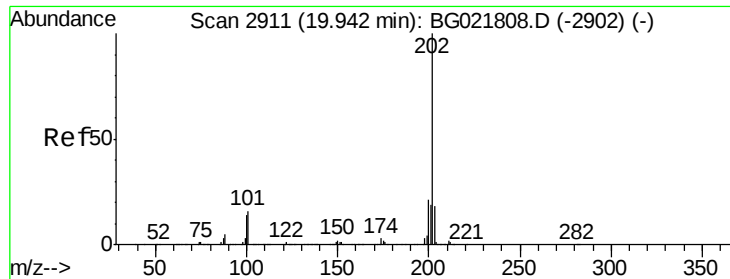


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

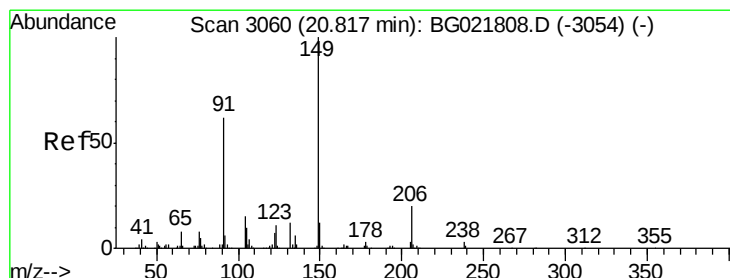
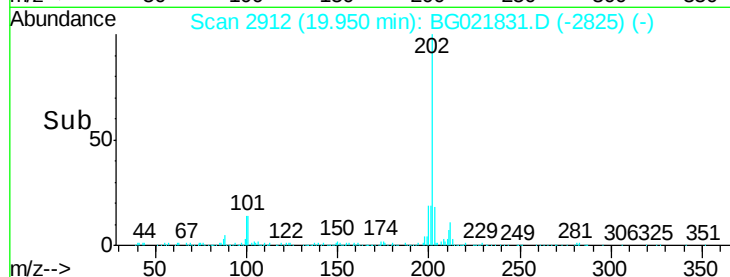
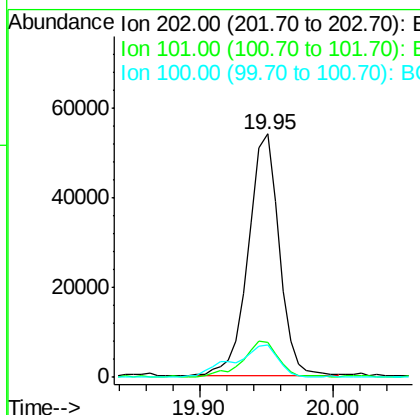
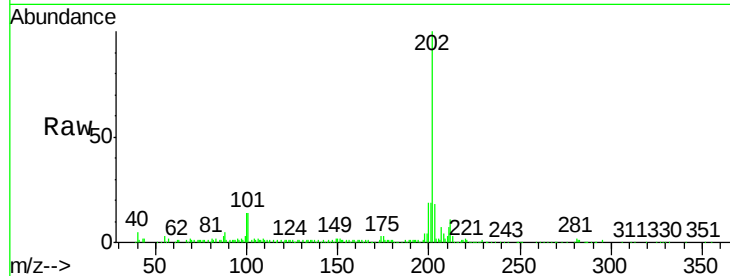




#78
 Pyrene
 Concen: 2.95 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. 0.01 min
 Lab File: BG021831.D
 Acq: 11 May 2016 00:42

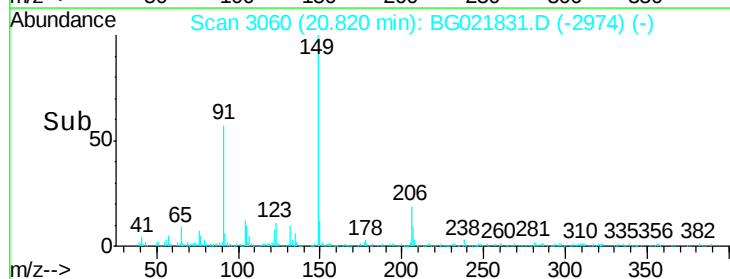
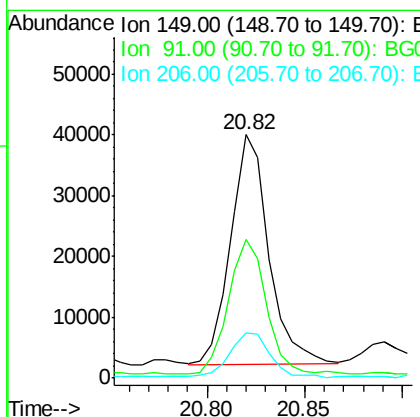
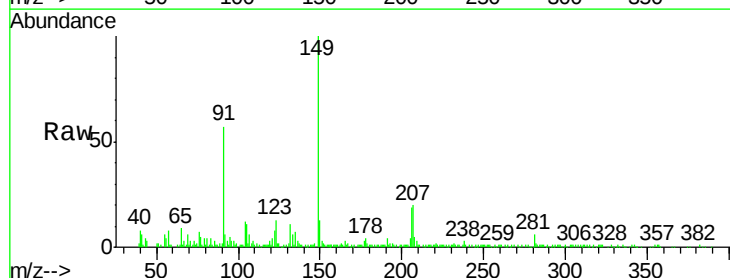
Instrument :
 BNA_G
 ClientSampleId :
 D9X82

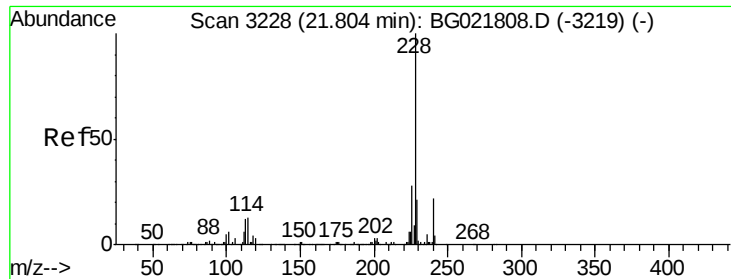
Tgt Ion: 202 Resp: 86013
 Ion Ratio Lower Upper
 202 100
 101 14.2 9.8 14.8
 100 13.6 9.3 13.9



#79
 Butylbenzylphthalate
 Concen: 7.92 ng/ul
 RT: 20.82 min Scan# 3060
 Delta R.T. 0.00 min
 Lab File: BG021831.D
 Acq: 11 May 2016 00:42

Tgt Ion: 149 Resp: 51037
 Ion Ratio Lower Upper
 149 100
 91 57.1 65.8 98.8#
 206 18.8 15.5 23.3





#81

Benzo(a)anthracene

Concen: 1.93 ng/ul

RT: 21.81 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

Instrument :

BNA_G

ClientSampleId :

D9X82

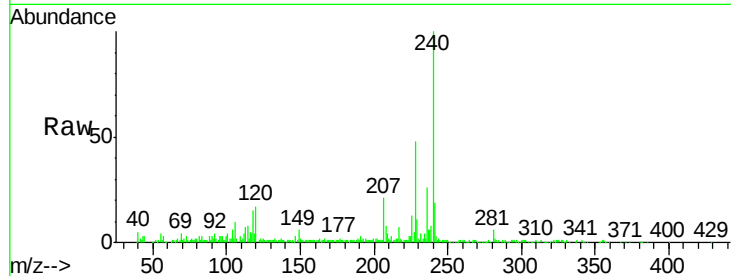
Tgt Ion:228 Resp: 54024

Ion Ratio Lower Upper

228 100

229 23.0 16.6 25.0

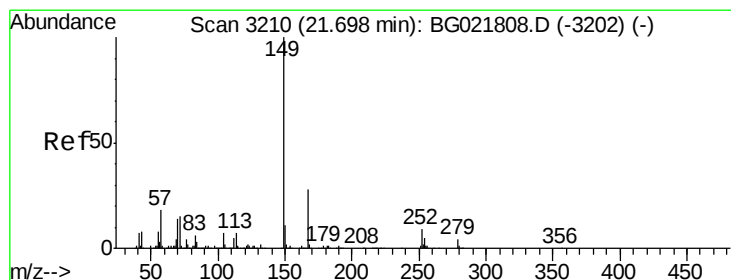
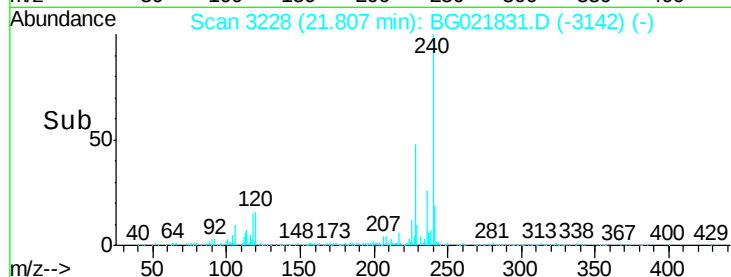
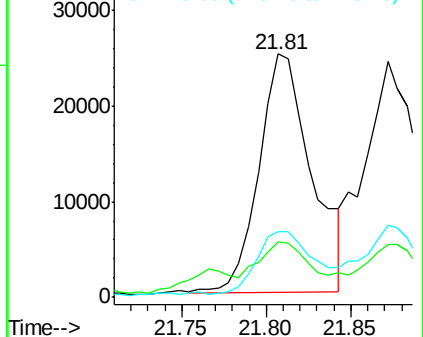
226 27.1 21.0 31.4



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: 6.25 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

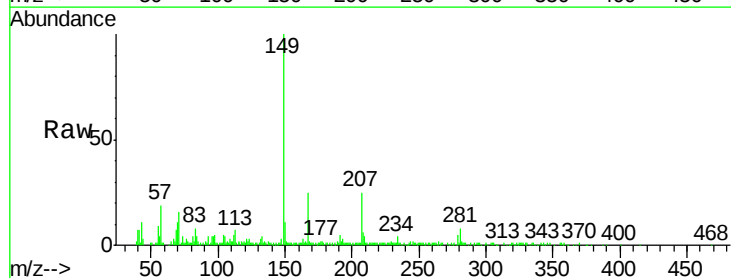
Tgt Ion:149 Resp: 65760

Ion Ratio Lower Upper

149 100

167 25.5 20.5 30.7

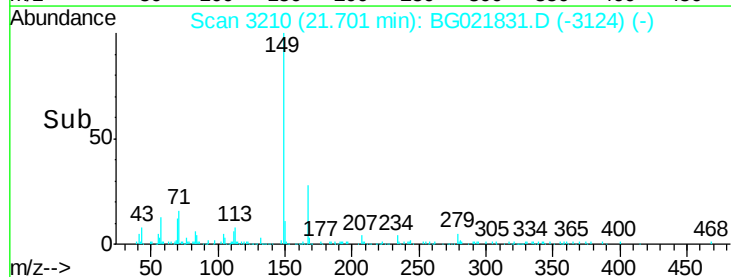
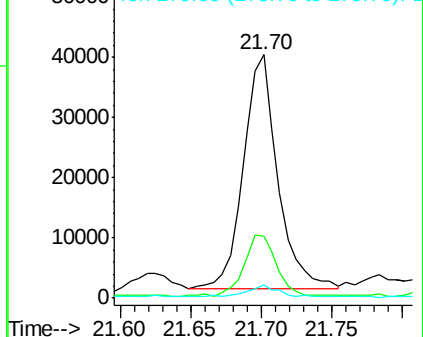
279 5.2 3.7 5.5

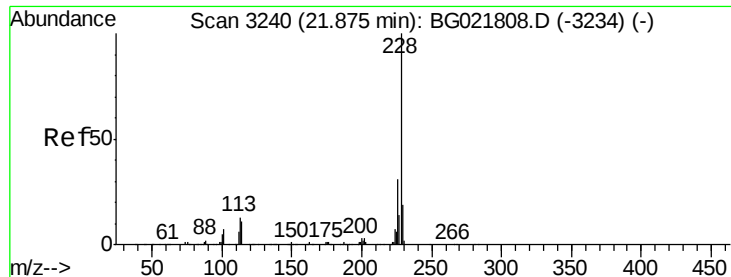


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#83

Chrysene

Concen: 1.92 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -0.00 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

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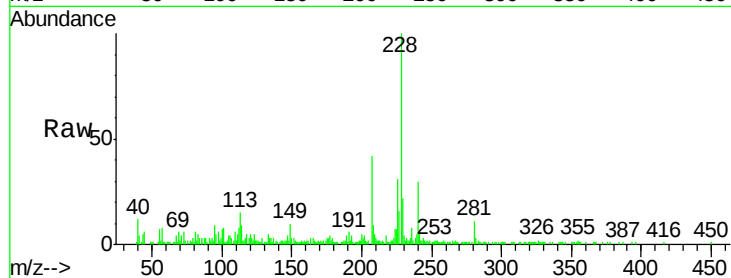
Tgt Ion:228 Resp: 53248

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

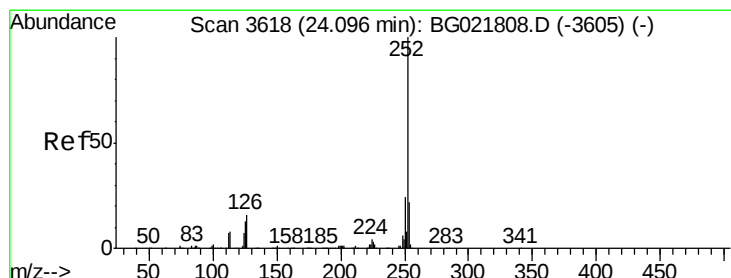
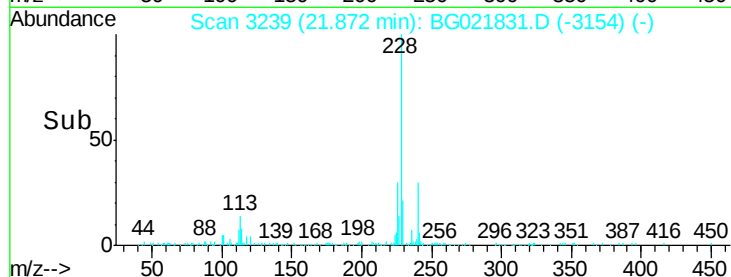
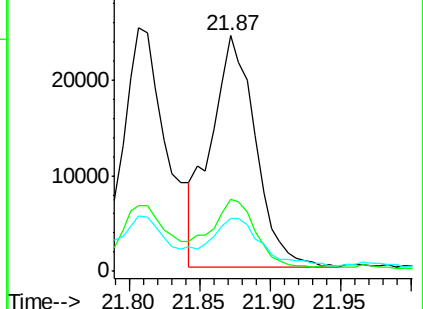
229 22.3 16.2 24.2



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: 3.11 ng/ul

RT: 24.10 min Scan# 3619

Delta R.T. 0.01 min

Lab File: BG021831.D

Acq: 11 May 2016 00:42

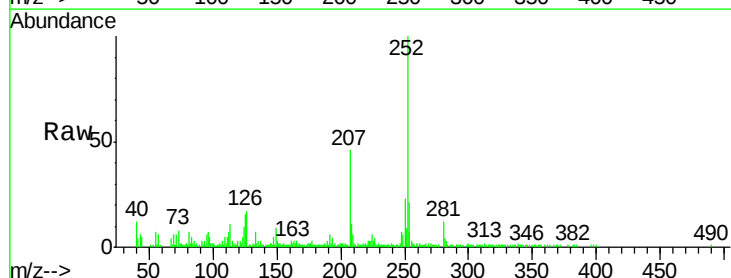
Tgt Ion:252 Resp: 89395

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

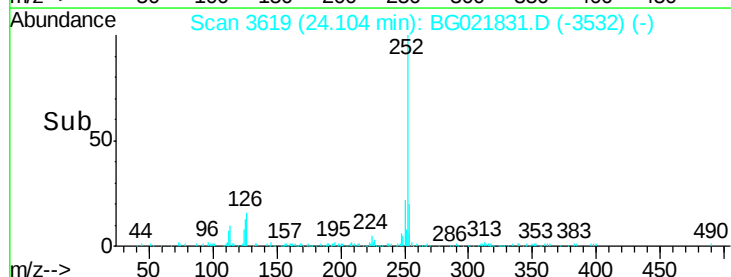
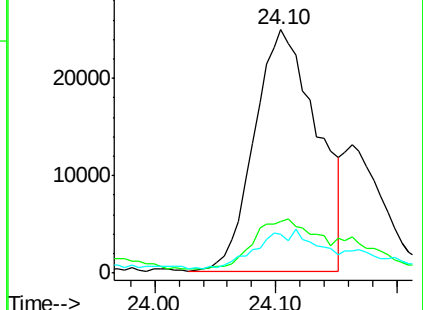
125 16.1 7.6 11.4#

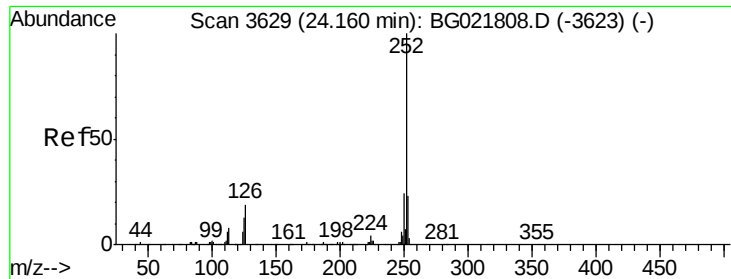


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

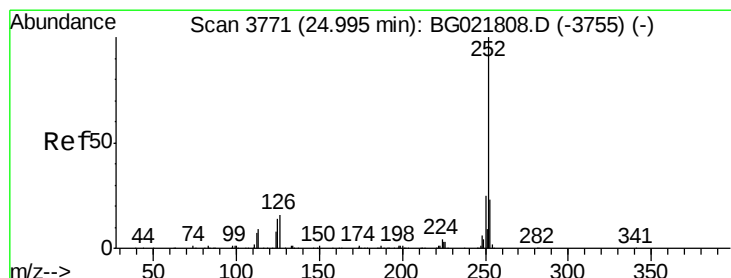
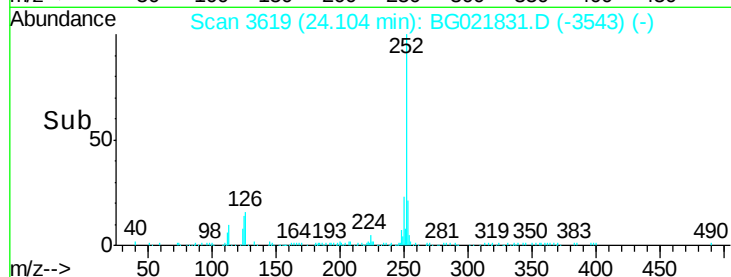
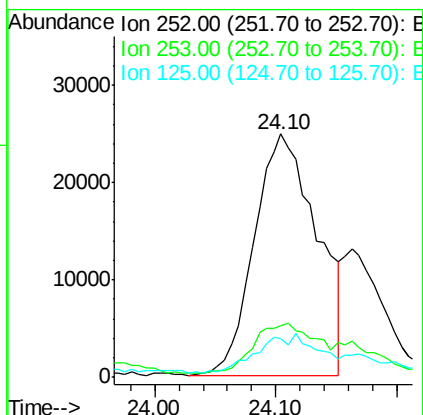
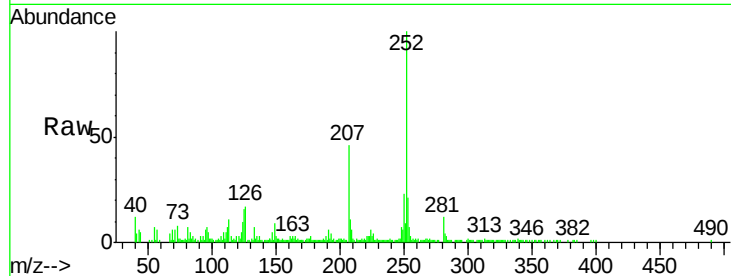




#87
Benzo(k)fluoranthene
Concen: 2.91 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.06 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Instrument :
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D9X82

Tgt Ion:252 Resp: 89395
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 16.1 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 1.94 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. 0.01 min
Lab File: BG021831.D
Acq: 11 May 2016 00:42

Tgt Ion:252 Resp: 55402
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 17.8 8.2 12.2#

