

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021843.D
 Acq On : 11 May 2016 14:20
 Operator : UM/SJ
 Sample : H2937-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X89

Quant Time: May 12 04:49:09 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	68715	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	373004	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	225517	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	479191	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	481223	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	466784	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4142	2.91	ng/uL	0.00
5) Phenol-d5	7.33	99	86550	16.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	41034	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	79954	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	70321	16.42	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	41201	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	42148	27.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	84736	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	255	0.05	ng/ul	0.25
44) Dimethylphthalate-d6	14.28	166	631	0.04	ng/ul	0.07
47) Acenaphthylene-d8	14.50	160	397603	17.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	19644	7.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	266273	15.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	29872	22.50	ng/ul	0.00
71) Anthracene-d10	17.64	188	373449	16.01	ng/ul	0.00
77) Pyrene-d10	19.92	212	407038	18.07	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	376522	16.98	ng/ul	0.00

Target Compounds

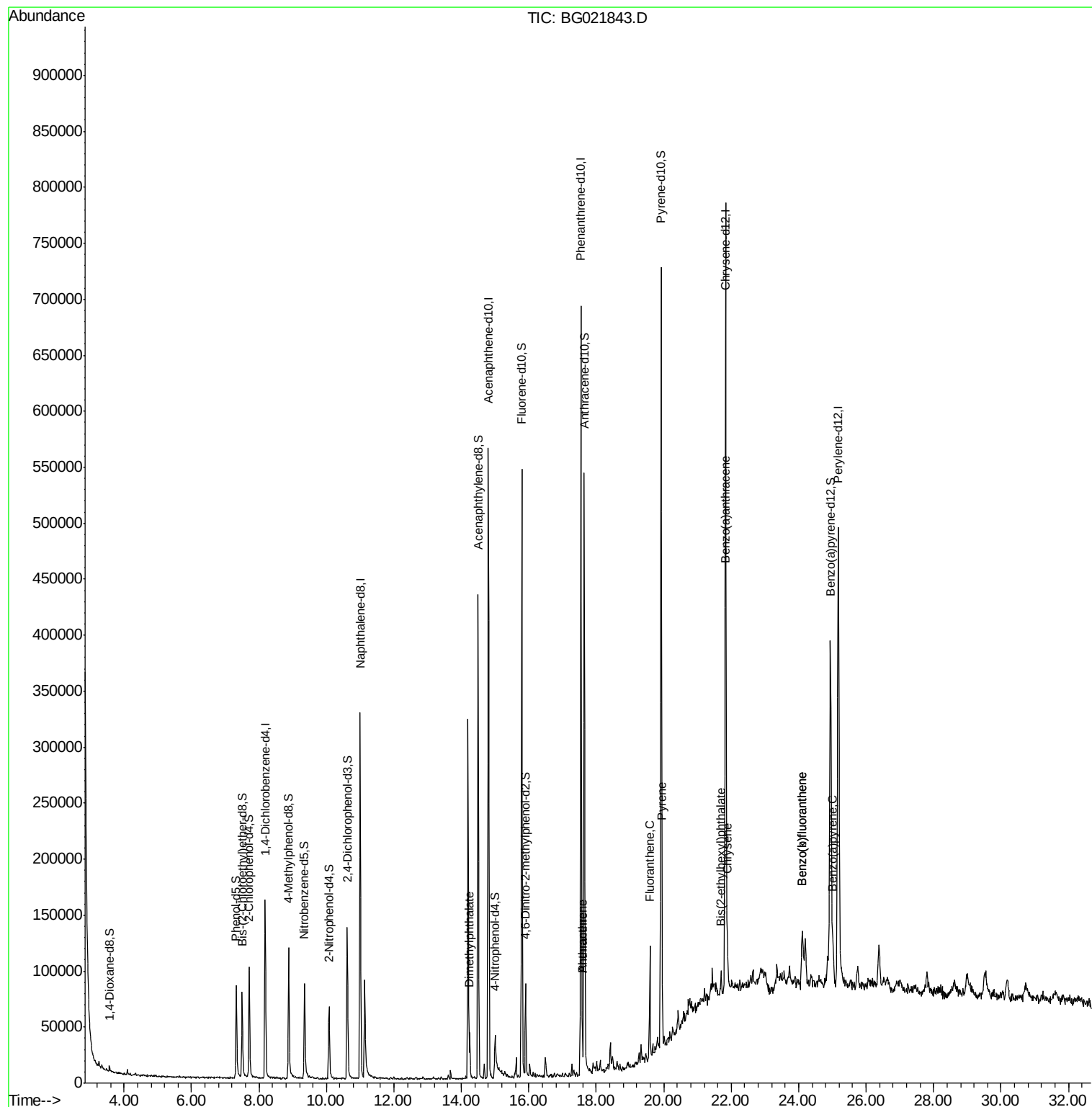
						Ovalue
45) Dimethylphthalate	14.24	163	34976	2.17	ng/ul#	99
70) Phenanthrene	17.59	178	28292	1.08	ng/ul	97
72) Anthracene	17.59	178	28292	1.06	ng/ul	97
75) Fluoranthene	19.59	202	68715	2.31	ng/ul#	95
78) Pyrene	19.95	202	62191	2.23	ng/ul	96
81) Benzo(a)anthracene	21.81	228	38513	1.44	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.70	149	10314	1.03	ng/ul	93
83) Chrysene	21.88	228	36410	1.37	ng/ul	97
86) Benzo(b)fluoranthene	24.11	252	88781	3.32	ng/ul#	93
87) Benzo(k)fluoranthene	24.11	252	88781	3.10	ng/ul#	93
89) Benzo(a)pyrene	25.01	252	38146	1.43	ng/ul#	96

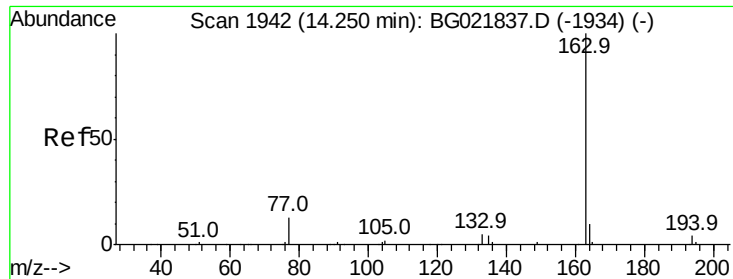
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021843.D
Acq On : 11 May 2016 14:20
Operator : UM/SJ
Sample : H2937-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9X89

Quant Time: May 12 04:49:09 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

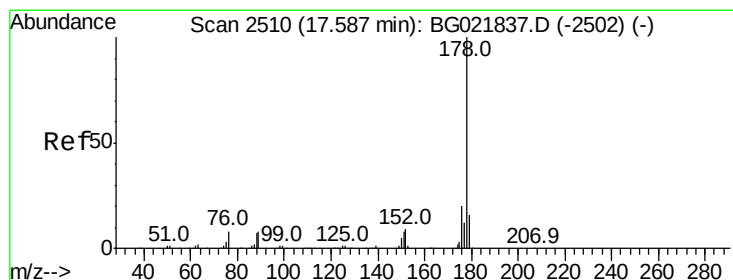
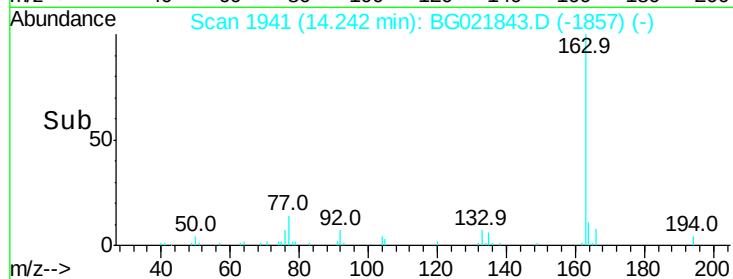
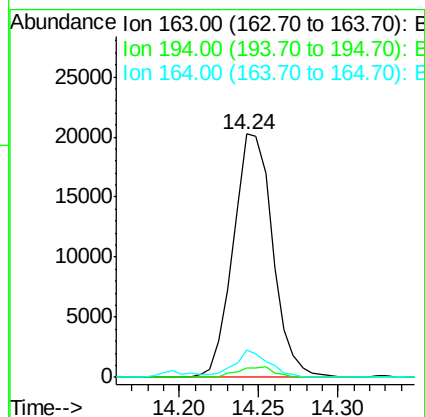
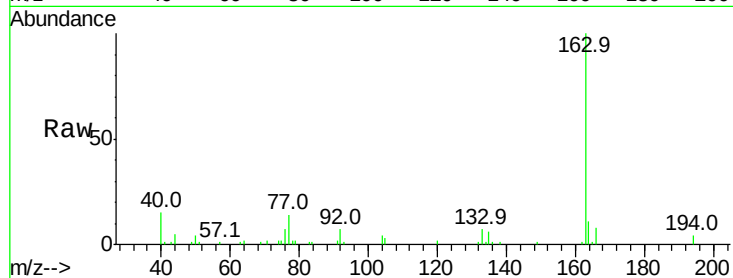




#45
Dimethylphthalate
Concen: 2.17 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG021843.D
Acq: 11 May 2016 14:20

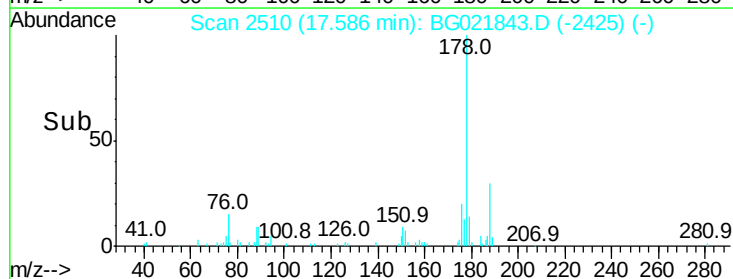
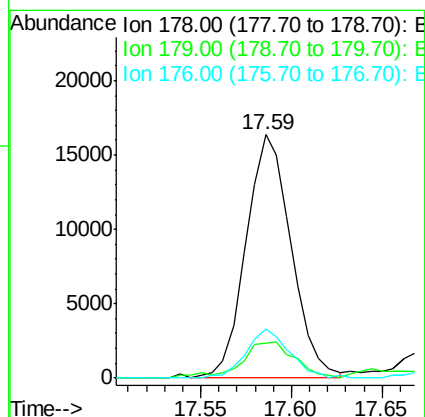
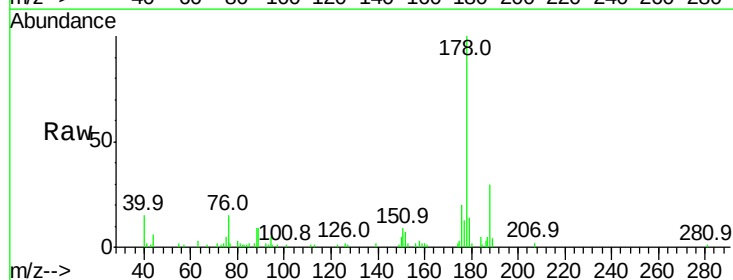
Instrument :
BNA_G
ClientSampled :
D9X89

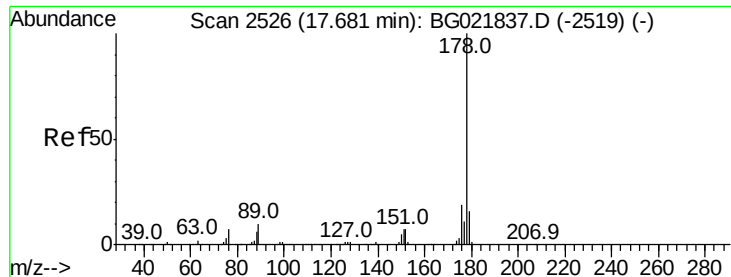
Tot Ion:163 Resp: 34976
Ion Ratio Lower Upper
163 100
194 3.9 3.9 5.9#
164 11.0 8.7 13.1



#70
Phenanthrene
Concen: 1.08 ng/ul
RT: 17.59 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG021843.D
Acq: 11 May 2016 14:20

Tgt Ion:178 Resp: 28292
Ion Ratio Lower Upper
178 100
179 14.3 11.8 17.8
176 20.2 14.8 22.2

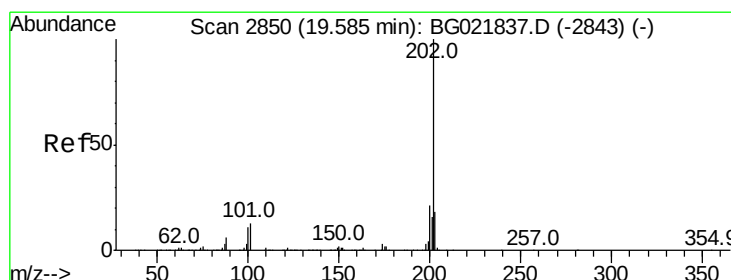
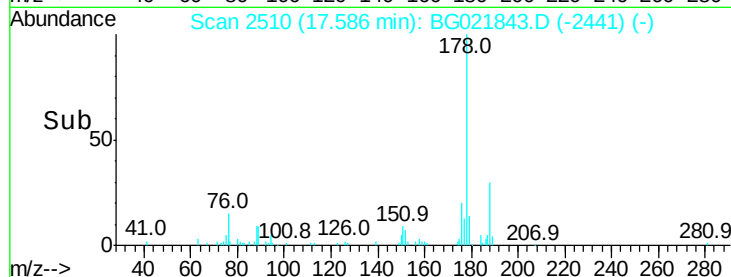
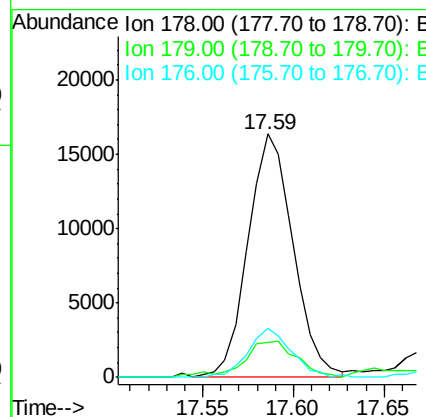
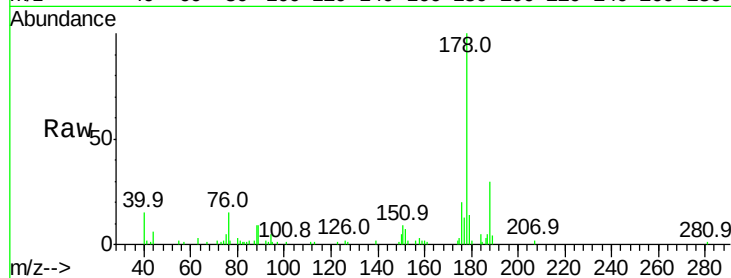




#72
 Anthracene
 Concen: 1.06 ng/ul
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.10 min
 Lab File: BG021843.D
 Acq: 11 May 2016 14:20

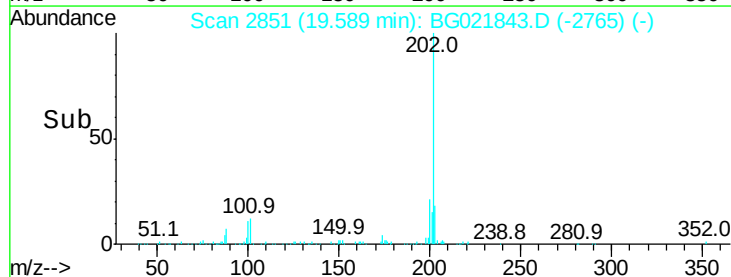
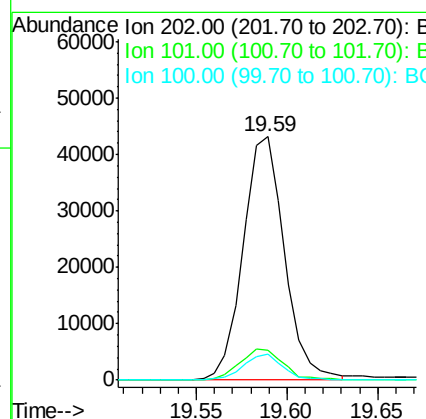
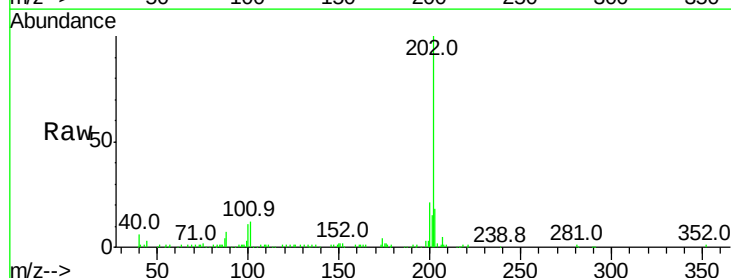
Instrument :
 BNA_G
 ClientSampleId :
 D9X89

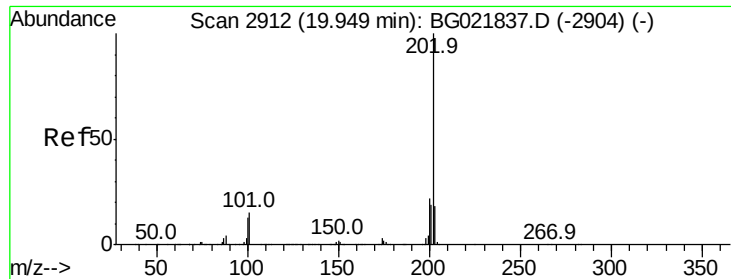
Tot Ion:178 Resp: 28292
 Ion Ratio Lower Upper
 178 100
 179 14.3 12.9 19.3
 176 20.2 15.6 23.4



#75
 Fluoranthene
 Concen: 2.31 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG021843.D
 Acq: 11 May 2016 14:20

Tgt Ion:202 Resp: 68715
 Ion Ratio Lower Upper
 202 100
 101 12.4 8.9 13.3
 100 10.9 7.0 10.4#





#78

Pvrene

Concen: 2.23 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

ClientSampleId :

D9X89

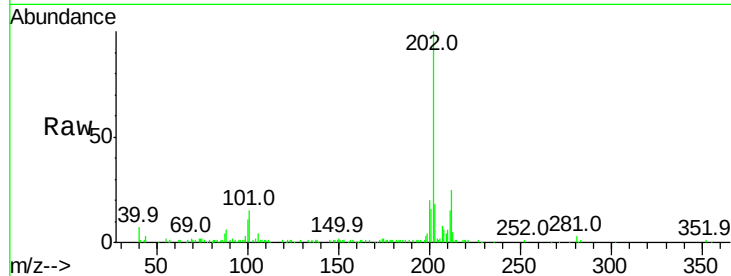
Tot Ion:202 Resp: 62191

Ion Ratio Lower Upper

202 100

101 14.6 9.8 14.8

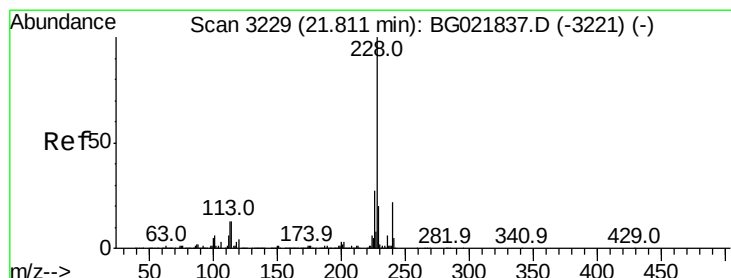
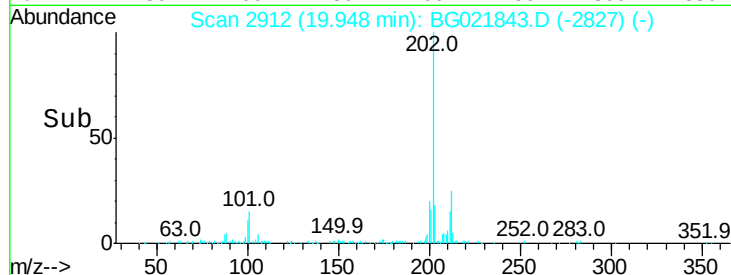
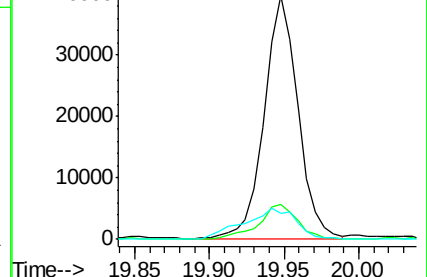
100 10.8 9.3 13.9



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



#81

Benzo(a)anthracene

Concen: 1.44 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

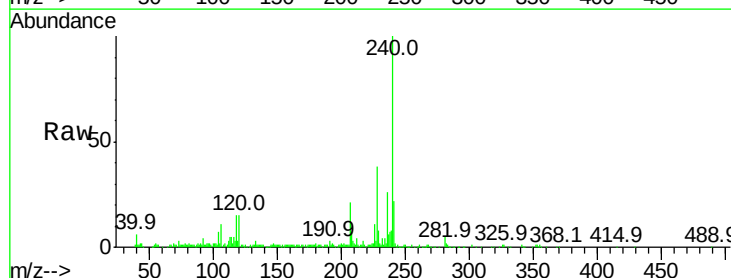
Tgt Ion:228 Resp: 38513

Ion Ratio Lower Upper

228 100

229 20.3 16.6 25.0

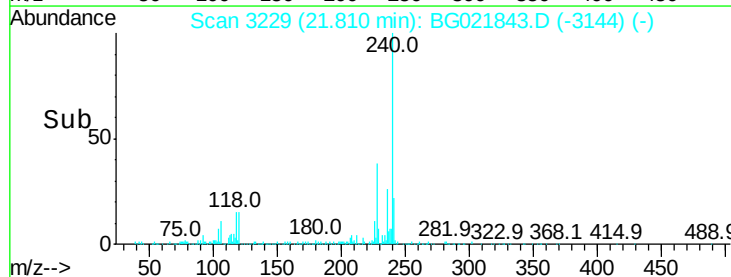
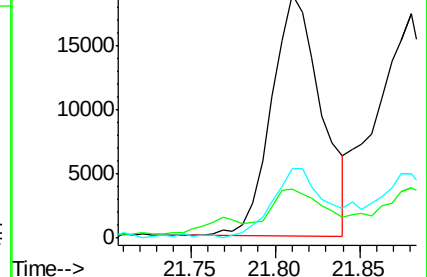
226 28.4 21.0 31.4

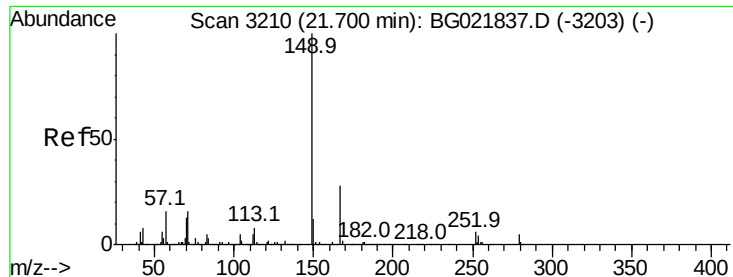


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

ClientSampleId :

D9X89

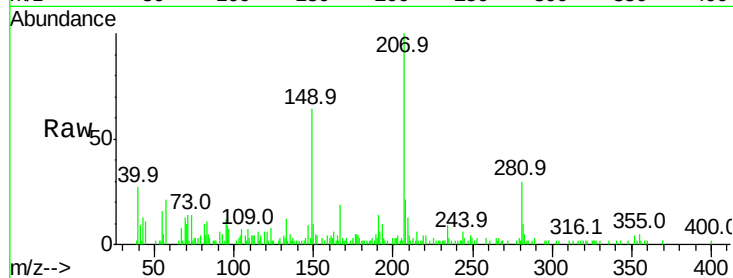
Tot Ion:149 Resp: 10314

Ion Ratio Lower Upper

149 100

167 29.7 20.5 30.7

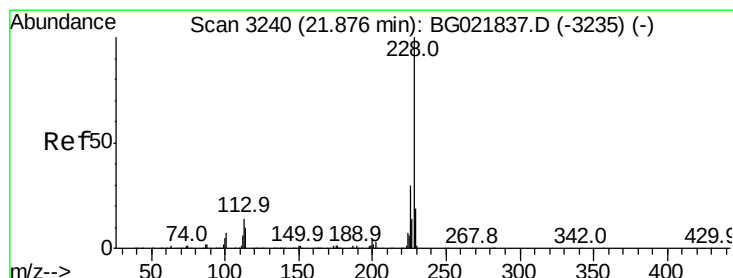
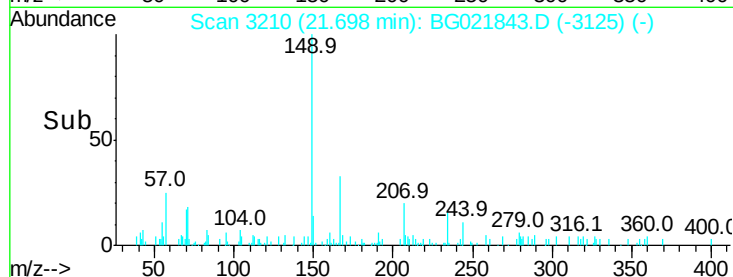
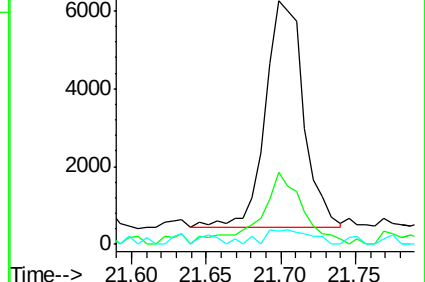
279 5.3 3.7 5.5



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: 1.37 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

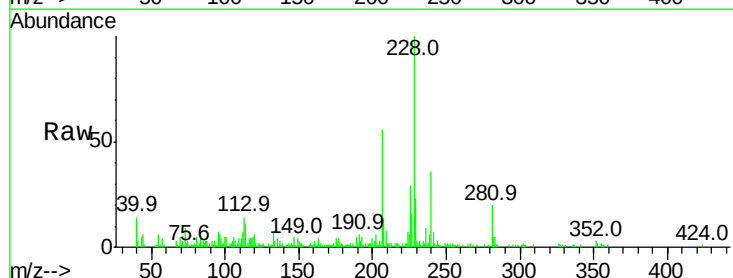
Tgt Ion:228 Resp: 36410

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

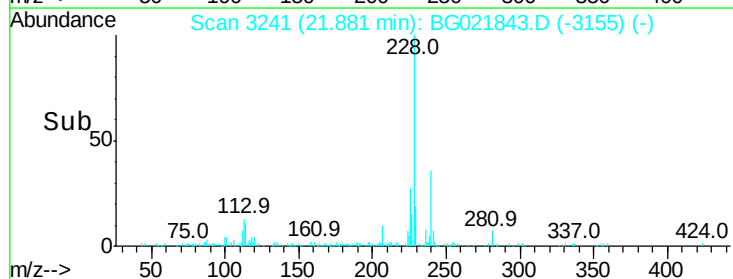
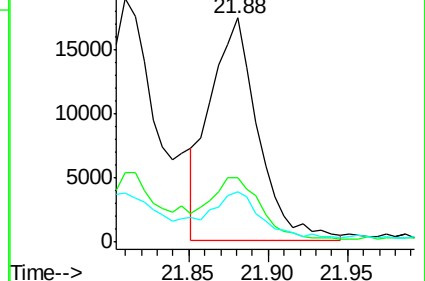
229 22.5 16.2 24.2

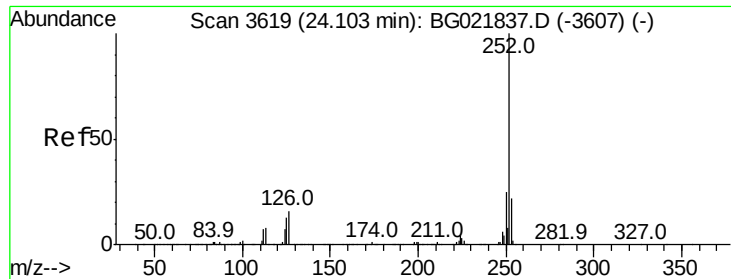


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(b)fluoranthene

Concen: 3.32 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

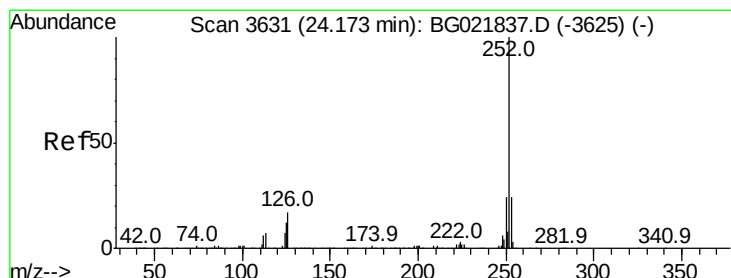
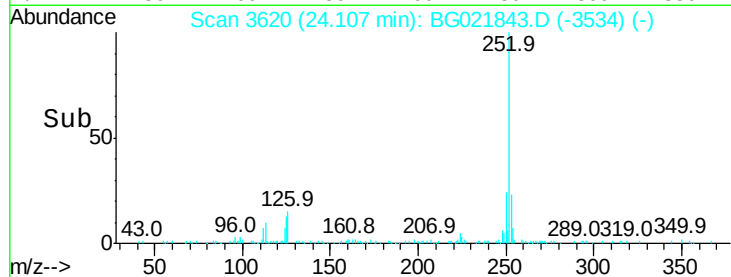
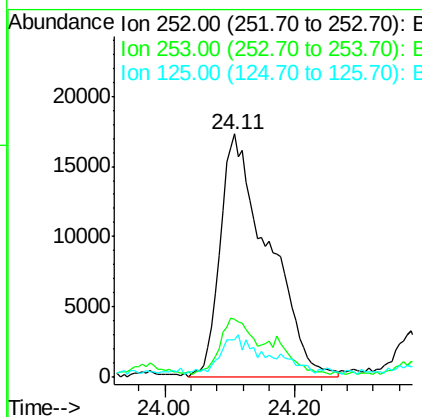
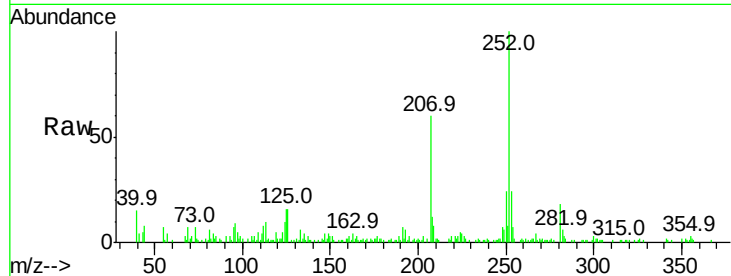
Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :
BNA_G
ClientSampleId :
D9X89

Tot Ion:252 Resp: 88781

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.7	7.6	11.4



#87

Benzo(k)fluoranthene

Concen: 3.10 ng/ul

RT: 24.11 min Scan# 3620

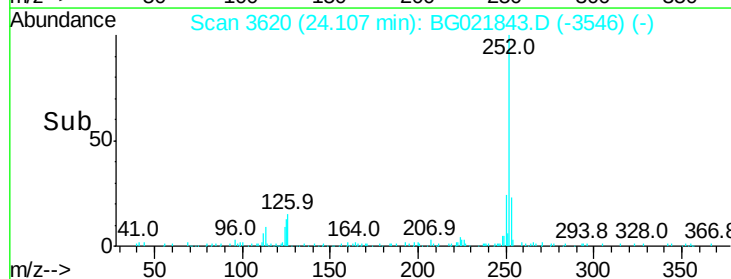
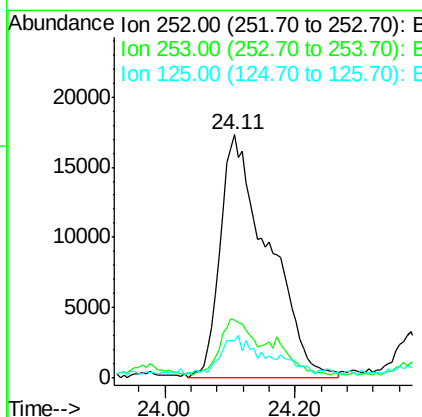
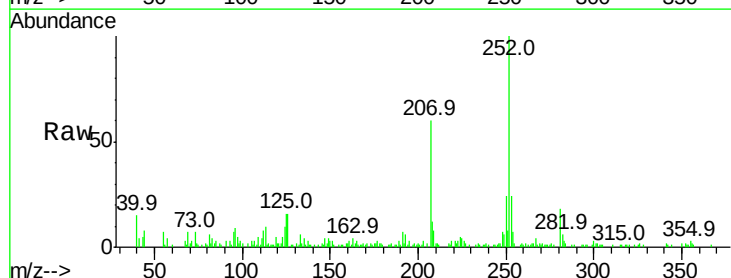
Delta R.T. -0.07 min

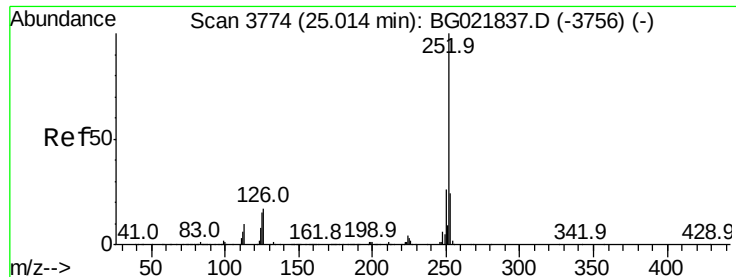
Lab File: BG021843.D

Acq: 11 May 2016 14:20

Tgt Ion:252 Resp: 88781

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	15.7	7.7	11.5





#89

Benzo(a)pyrene

Concen: 1.43 ng/ul

RT: 25.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BG021843.D

Acq: 11 May 2016 14:20

Instrument :

BNA_G

ClientSampleId :

D9X89

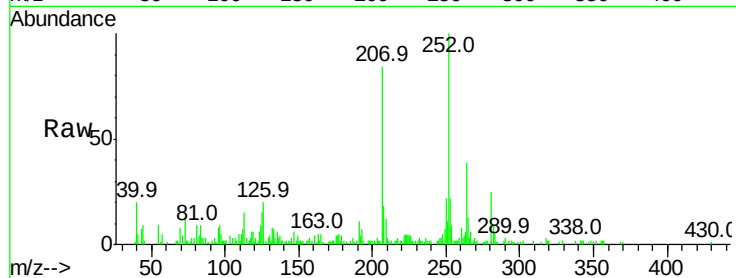
Tot Ion:252 Resp: 38146

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 15.3 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

