

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023605.D
 Acq On : 10 Aug 2016 23:12
 Operator : UM/SJ
 Sample : H4384-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-0002-01

Quant Time: Aug 11 04:00:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	167740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	739494	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	516424	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1251541	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1313882	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1319335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	15991	4.05	ng/uL	0.00
5) Phenol-d5	7.26	99	362326	21.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	257796	23.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	260399	22.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	246351	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	141617	24.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	159717	23.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	290340	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	353669	23.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1041204	24.62	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1205377	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	174055	24.11	ng/ul	0.00
57) Fluorene-d10	15.78	176	981075	25.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	185581	23.11	ng/ul	0.00
70) Anthracene-d10	17.64	188	1451657	25.74	ng/ul	0.00
76) Pyrene-d10	19.94	212	1725771	25.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1603325	26.85	ng/ul	0.00

Target Compounds

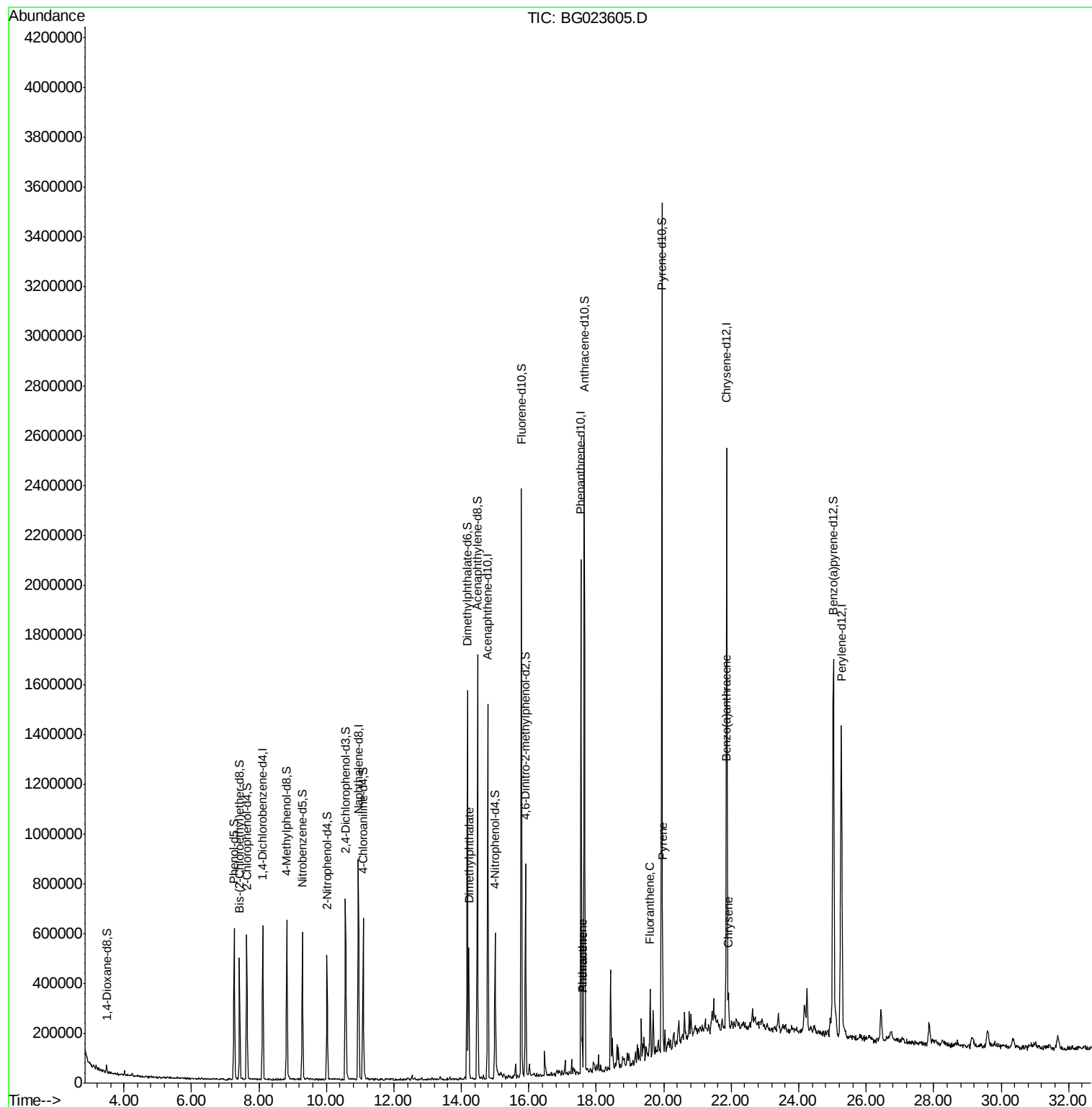
						Qvalue
44) Dimethylphthalate	14.22	163	335740	8.02	ng/ul#	99
69) Phenanthrene	17.59	178	86237	1.33	ng/ul	97
71) Anthracene	17.59	178	86524	1.31	ng/ul	96
74) Fluoranthene	19.60	202	154848	2.33	ng/ul#	95
77) Pyrene	19.96	202	232181	2.86	ng/ul#	92
80) Benzo(a)anthracene	21.84	228	102416	1.38	ng/ul#	94
82) Chrysene	21.91	228	107655	1.60	ng/ul#	93

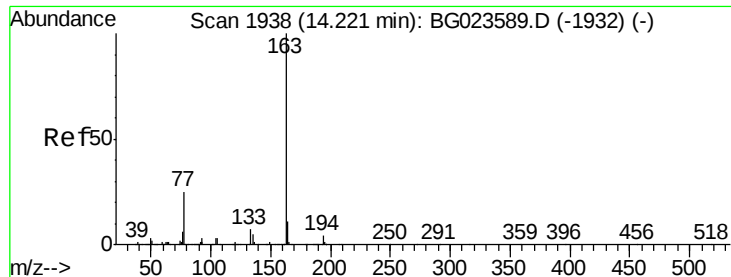
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023605.D
Acq On : 10 Aug 2016 23:12
Operator : UM/SJ
Sample : H4384-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0002-01

Quant Time: Aug 11 04:00:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.02 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0002-01

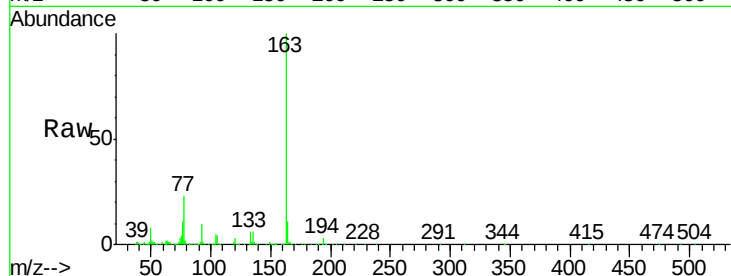
Tgt Ion:163 Resp: 335740

Ion Ratio Lower Upper

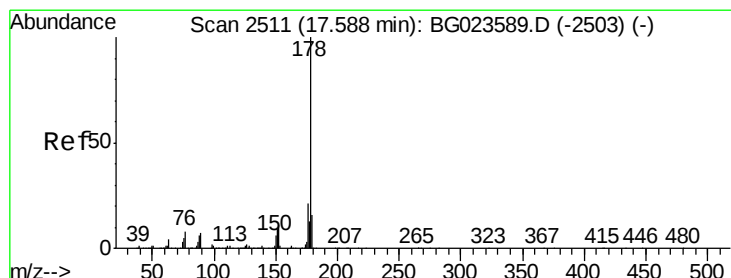
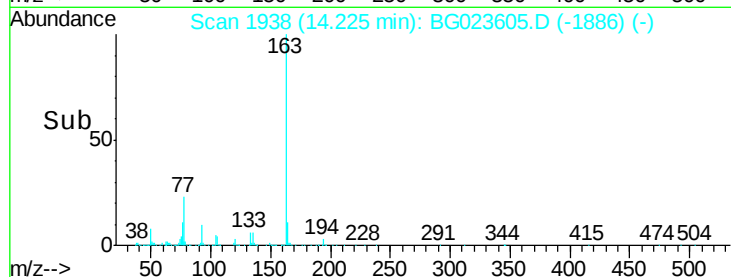
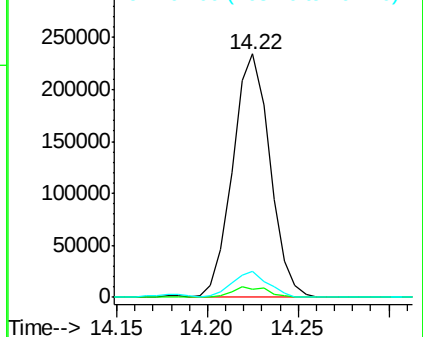
163 100

194 3.4 3.4 5.2#

164 10.6 8.8 13.2



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



#69

Phenanthrene

Concen: 1.33 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

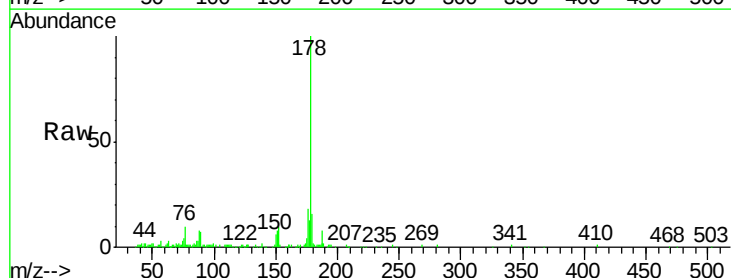
Tgt Ion:178 Resp: 86237

Ion Ratio Lower Upper

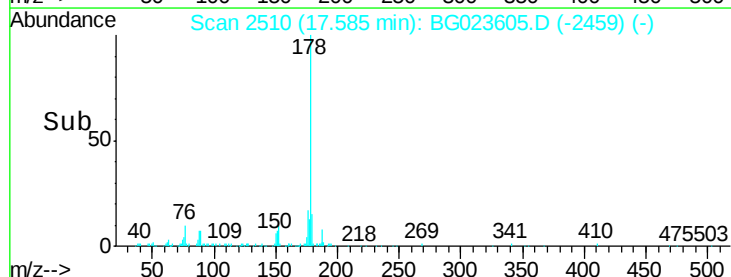
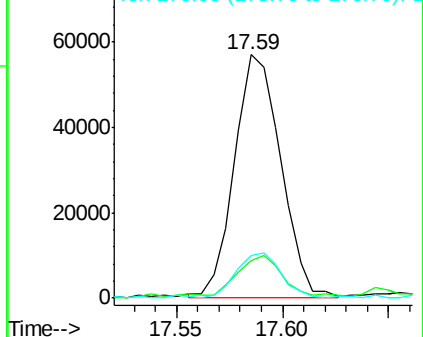
178 100

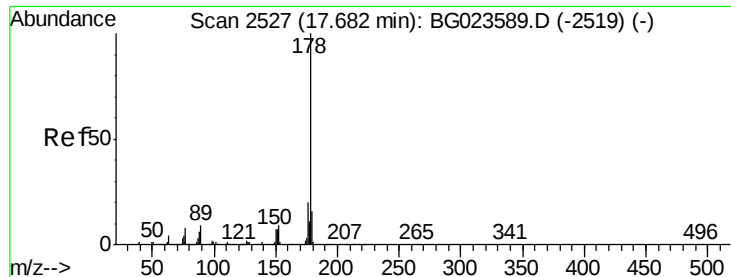
179 15.7 12.9 19.3

176 17.8 15.8 23.8



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





#71

Anthracene

Concen: 1.31 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.10 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0002-01

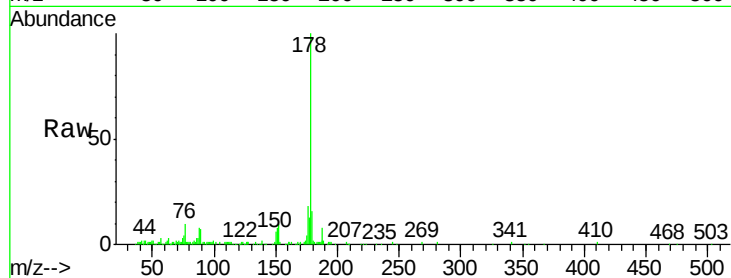
Tgt Ion:178 Resp: 86524

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

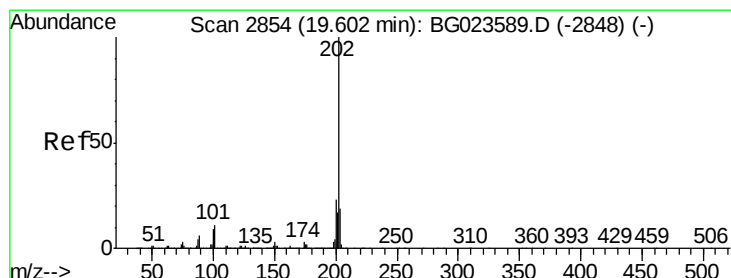
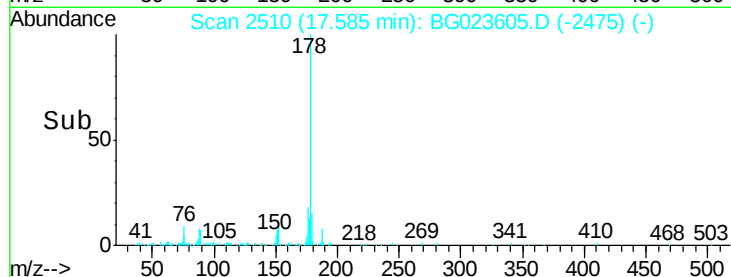
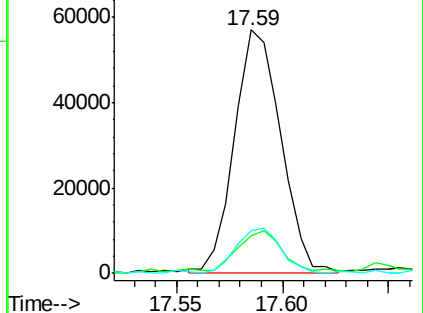
176 17.8 16.3 24.5



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

Fluoranthene

Concen: 2.33 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

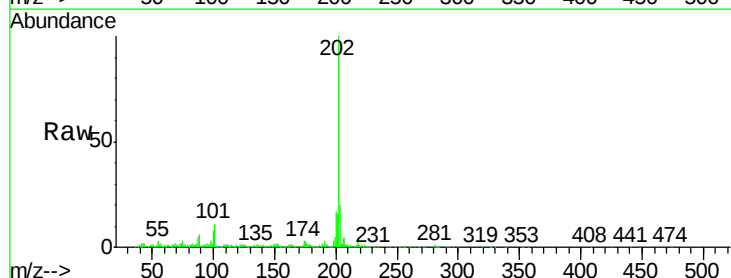
Tgt Ion:202 Resp: 154848

Ion Ratio Lower Upper

202 100

101 11.4 10.6 16.0

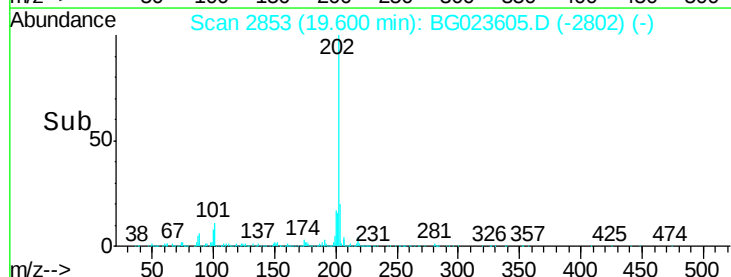
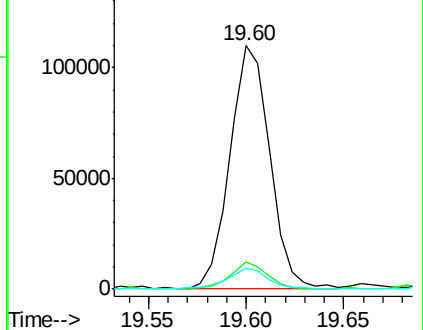
100 8.5 8.7 13.1#

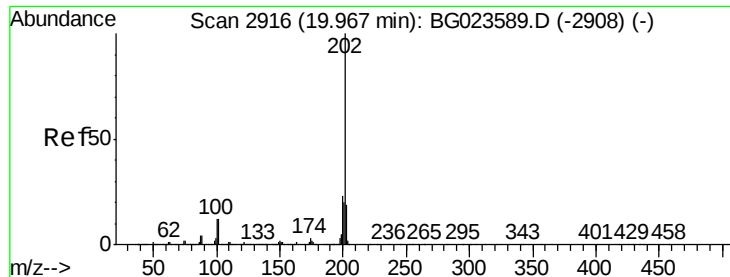


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.86 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0002-01

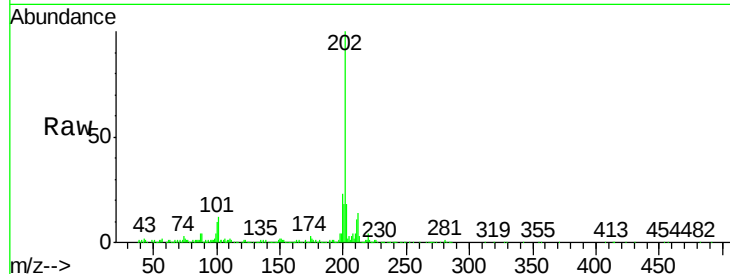
Tgt Ion: 202 Resp: 232181

Ion Ratio Lower Upper

202 100

101 12.3 12.5 18.7#

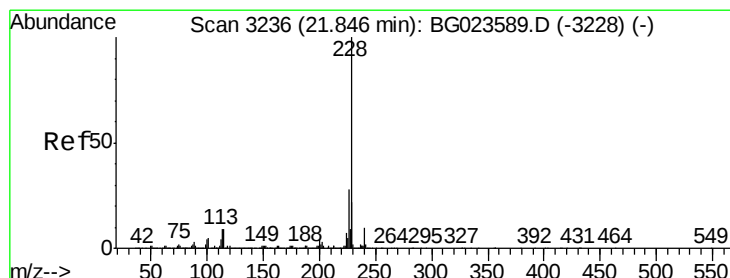
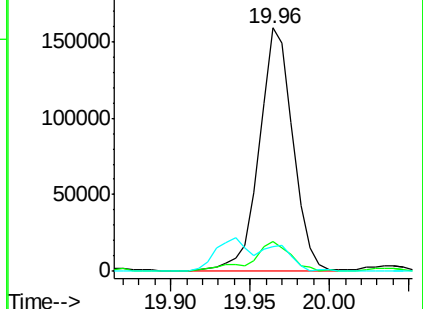
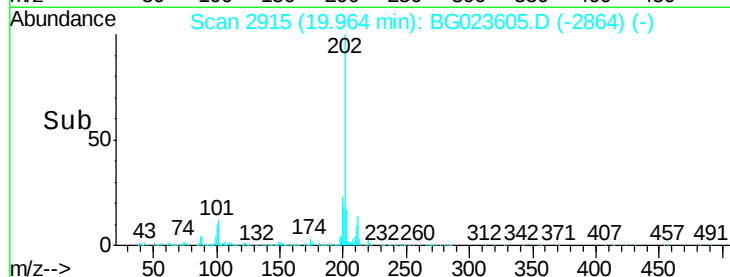
100 10.0 10.2 15.4#



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



#80

Benzo(a)anthracene

Concen: 1.38 ng/ul

RT: 21.84 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG023605.D

Acq: 10 Aug 2016 23:12

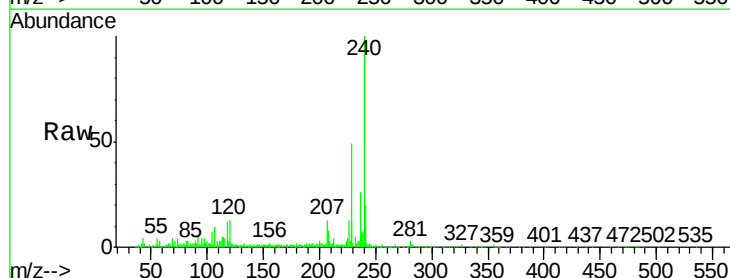
Tgt Ion: 228 Resp: 102416

Ion Ratio Lower Upper

228 100

229 23.8 15.4 23.2#

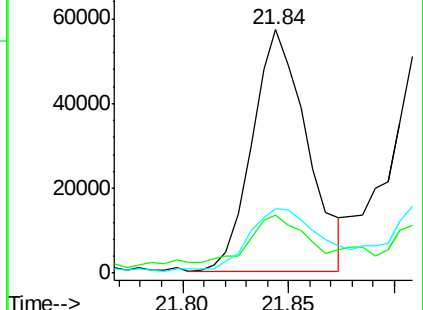
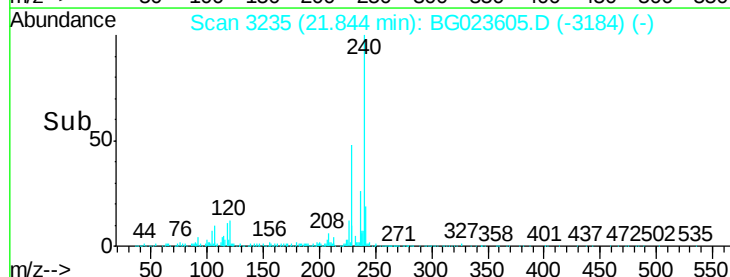
226 26.5 22.8 34.2

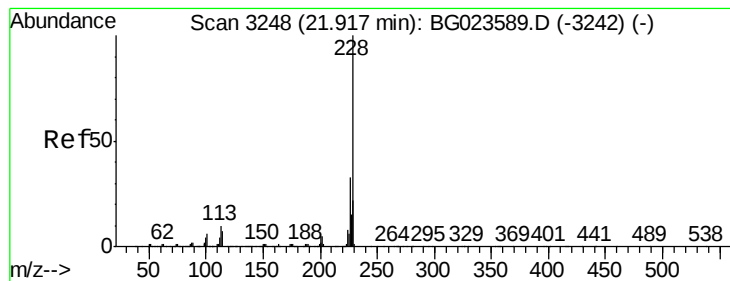


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.60 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG023605.D

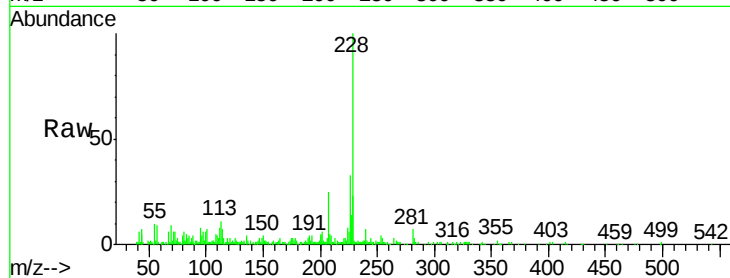
Acq: 10 Aug 2016 23:12

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0002-01



Tgt Ion: 228 Resp: 107655

Ion Ratio Lower Upper

228 100

226 33.4 24.2 36.4

229 23.2 15.0 22.6#

