

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\
 Data File : BG023520.D
 Acq On : 6 Aug 2016 13:07
 Operator : UM/SJ
 Sample : H4249-13
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 01:34:17 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 01 04:44:16 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	125203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	598288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	432536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1063254	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1048213	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1029680	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5802	1.97	ng/uL	0.00
5) Phenol-d5	7.27	99	278623	22.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	184432	22.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	195137	22.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	210365	21.36	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	105997	22.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	120913	22.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	218667	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	273642	22.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	806404	22.77	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	946808	23.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	121583	20.11	ng/ul	0.01
57) Fluorene-d10	15.77	176	774824	23.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	137936	20.22	ng/ul	0.00
70) Anthracene-d10	17.64	188	1136980	23.73	ng/ul	0.00
76) Pyrene-d10	19.93	212	1290731	24.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1181554	25.35	ng/ul	0.00

Target Compounds

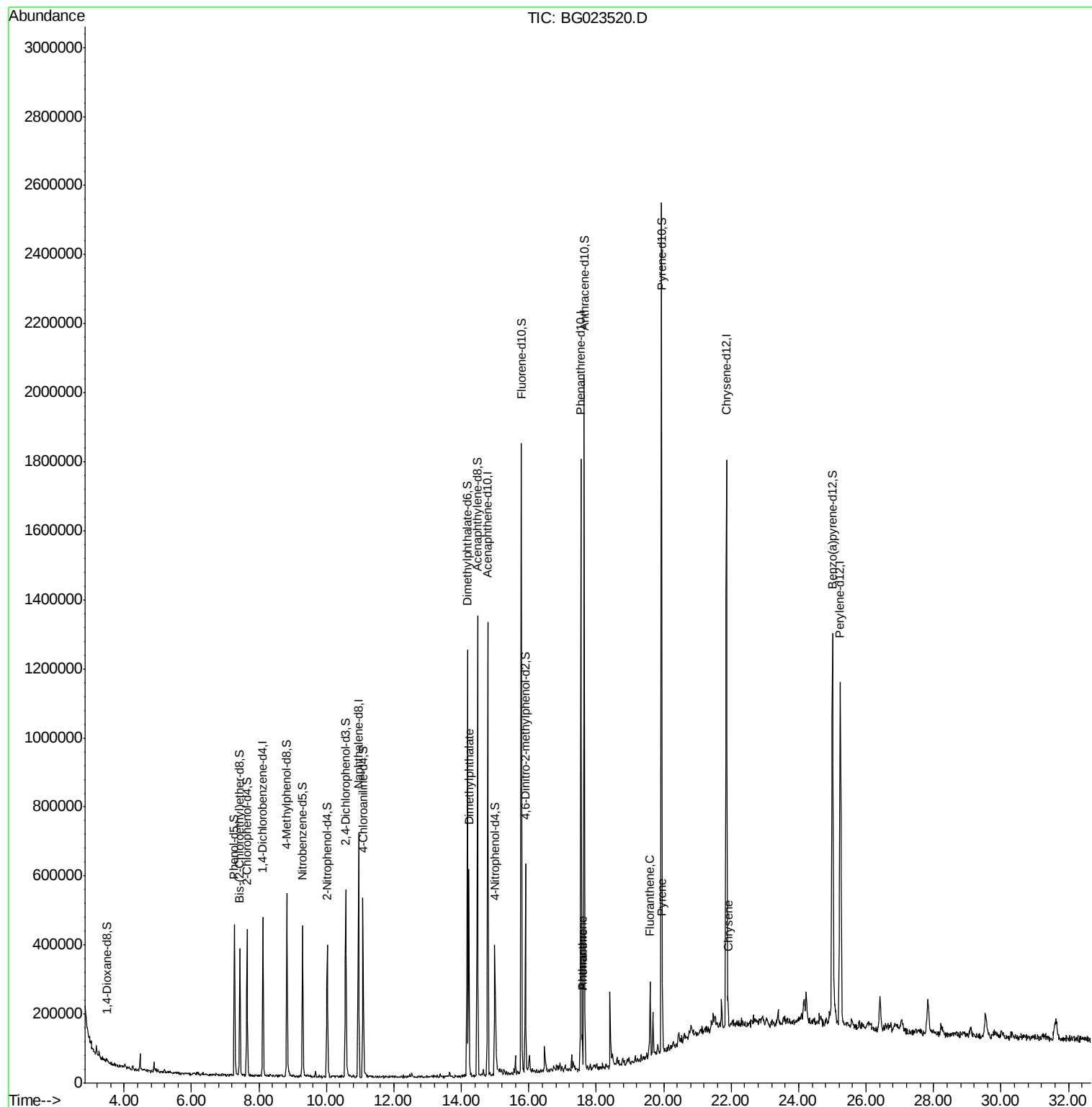
						Ovalue
44) Dimethylphthalate	14.22	163	379602	10.82	ng/ul	98
69) Phenanthrene	17.58	178	56954	1.03	ng/ul	98
71) Anthracene	17.58	178	56954	1.01	ng/ul	98
74) Fluoranthene	19.60	202	134381	2.38	ng/ul#	91
77) Pyrene	19.96	202	117133	1.81	ng/ul#	90
82) Chrysene	21.91	228	59452	1.11	ng/ul#	90

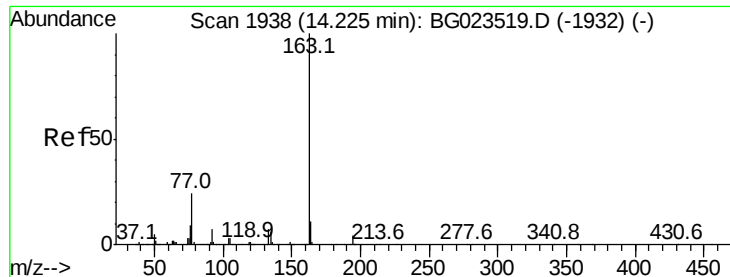
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 10.82 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

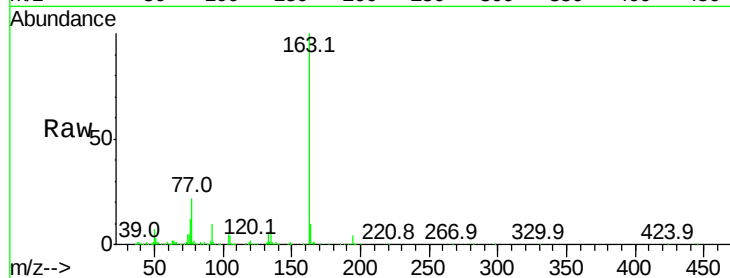
Tot Ion:163 Resp: 379602

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

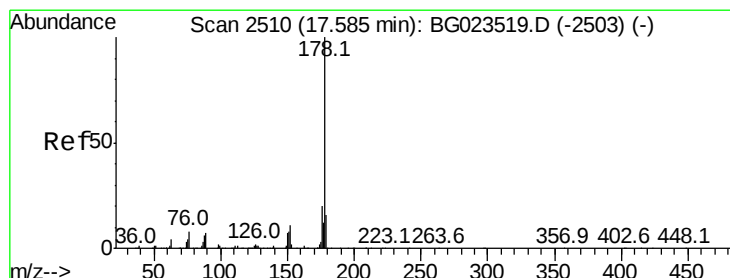
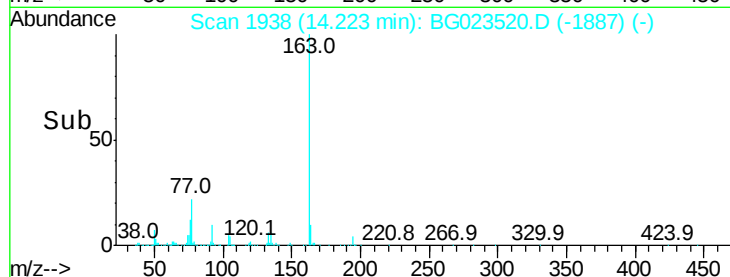
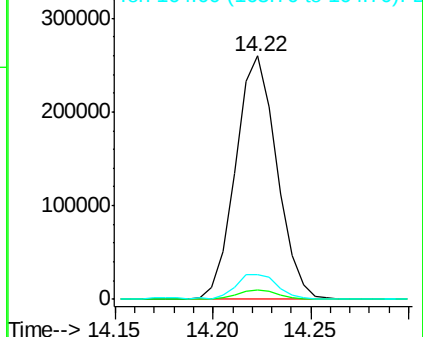
164 10.1 8.8 13.2



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: 1.03 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

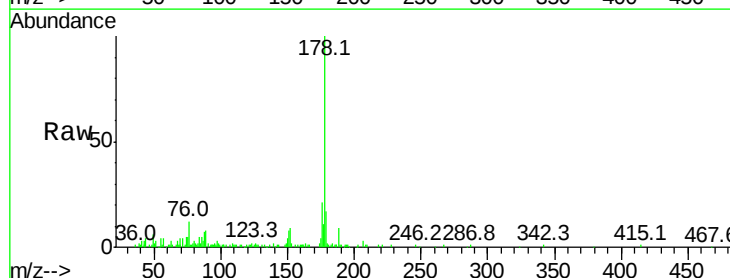
Tgt Ion:178 Resp: 56954

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

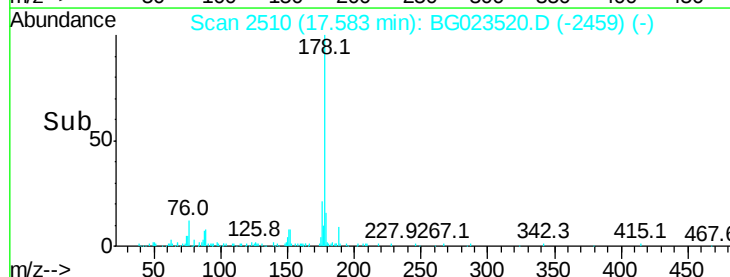
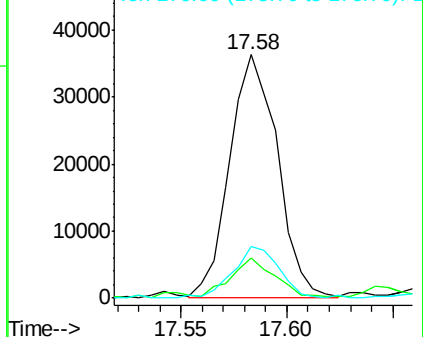
176 21.0 15.8 23.8

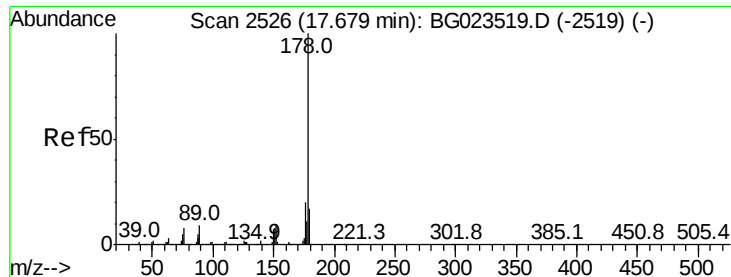


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.01 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.10 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

Instrument :

BNA_G

ClientSampleId :

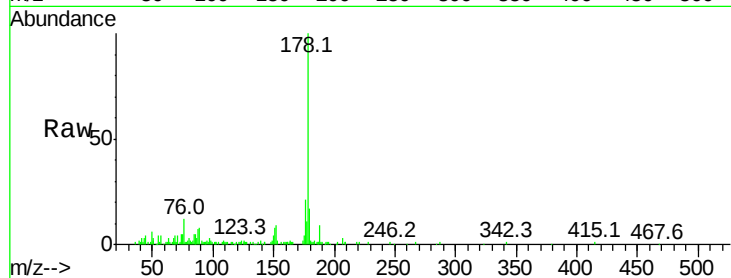
Tot Ion:178 Resp: 56954

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

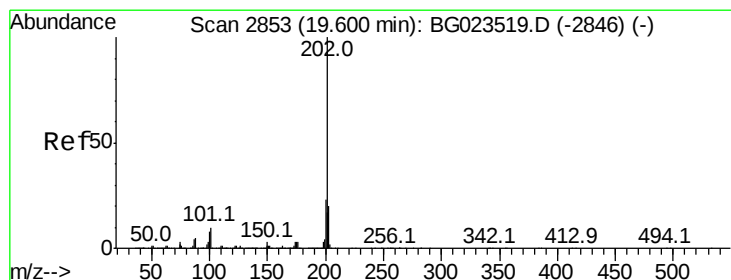
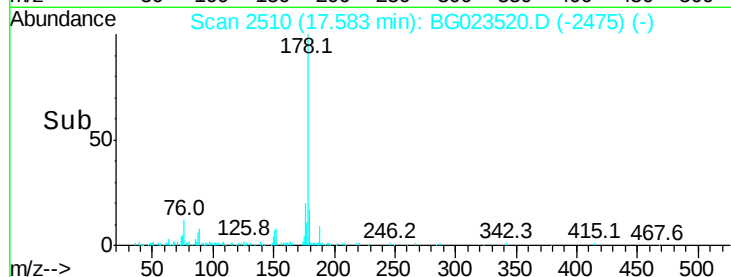
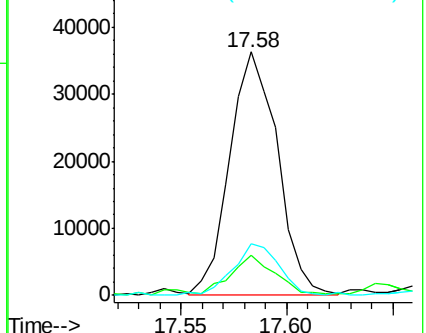
176 21.0 16.3 24.5



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: 2.38 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

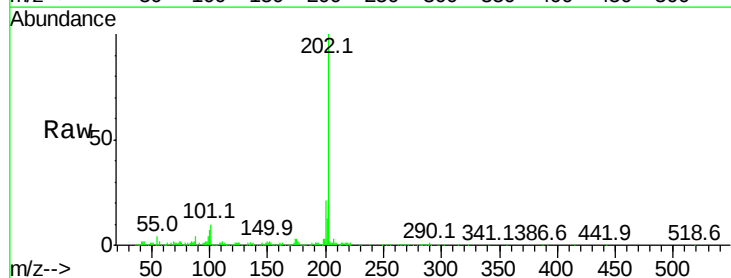
Tgt Ion:202 Resp: 134381

Ion Ratio Lower Upper

202 100

101 10.3 10.6 16.0#

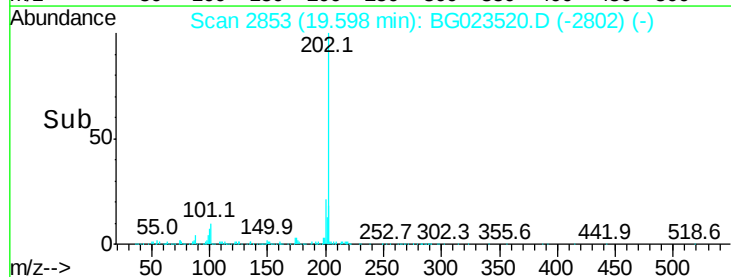
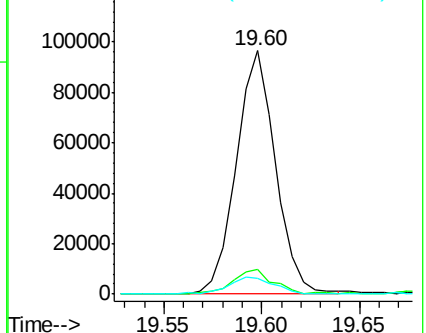
100 6.6 8.7 13.1#

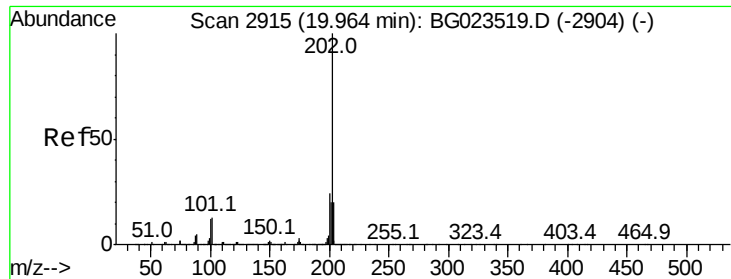


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.81 ng/ul

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

Instrument :

BNA_G

ClientSampled :

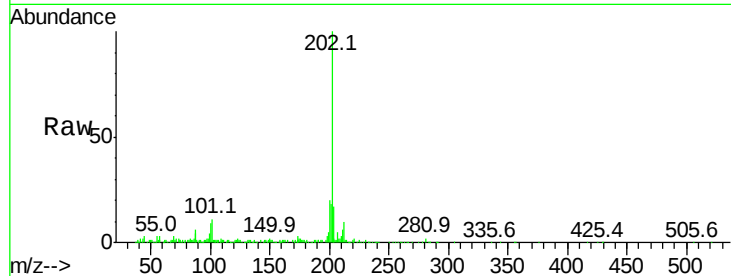
Tot Ion:202 Resp: 117133

Ion Ratio Lower Upper

202 100

101 11.3 12.5 18.7#

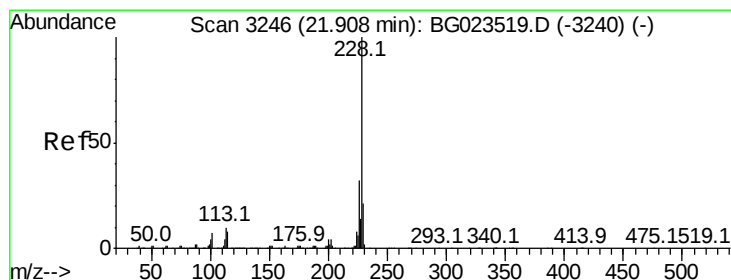
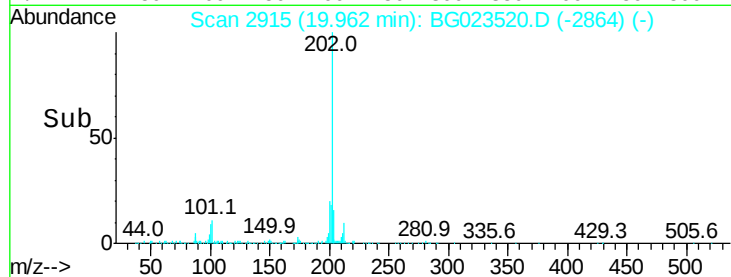
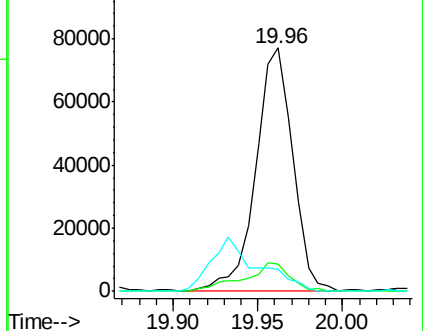
100 8.9 10.2 15.4#



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



#82

Chrysene

Concen: 1.11 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG023520.D

Acq: 6 Aug 2016 13:07

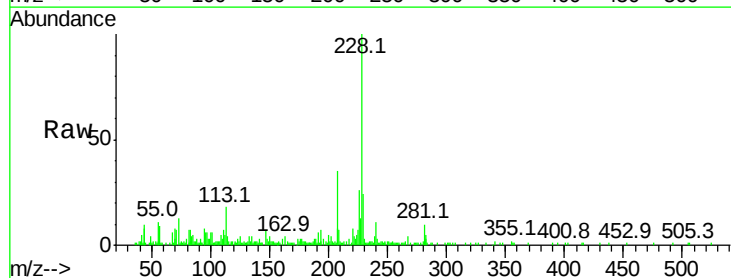
Tgt Ion:228 Resp: 59452

Ion Ratio Lower Upper

228 100

226 25.6 24.2 36.4

229 24.2 15.0 22.6#



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

