

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\
 Data File : BG023518.D
 Acq On : 6 Aug 2016 11:07
 Operator : UM/SJ
 Sample : H4249-14
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 08 01:00:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 04 17:27:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	134436	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	633065	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.78	164	476418	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.54	188	1187889	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	1201347	20.00	ng/ul	-0.04
83) Perylene-d12	25.24	264	1177059	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	6255	1.98	ng/uL	-0.02
5) Phenol-d5	7.27	99	285893	21.11	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	208766	24.06	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.65	132	210425	22.78	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	225246	21.30	ng/ul	-0.02
19) Nitrobenzene-d5	9.39	128	423	0.08	ng/ul	0.07
22) 2-Nitrophenol-d4	10.02	143	136790	23.87	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	233271	21.58	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.08	131	315544	24.88	ng/ul	-0.03
43) Dimethylphthalate-d6	14.28	166	958	0.02	ng/ul	0.07
46) Acenaphthylene-d8	14.47	160	1034506	23.56	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.99	143	138944	20.87	ng/ul	-0.02
57) Fluorene-d10	15.78	176	828797	23.00	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.89	200	162877	21.37	ng/ul	-0.03
70) Anthracene-d10	17.64	188	1301036	24.31	ng/ul	-0.03
76) Pyrene-d10	19.93	212	1522107	25.03	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.00	264	1407744	26.42	ng/ul	-0.06

Target Compounds

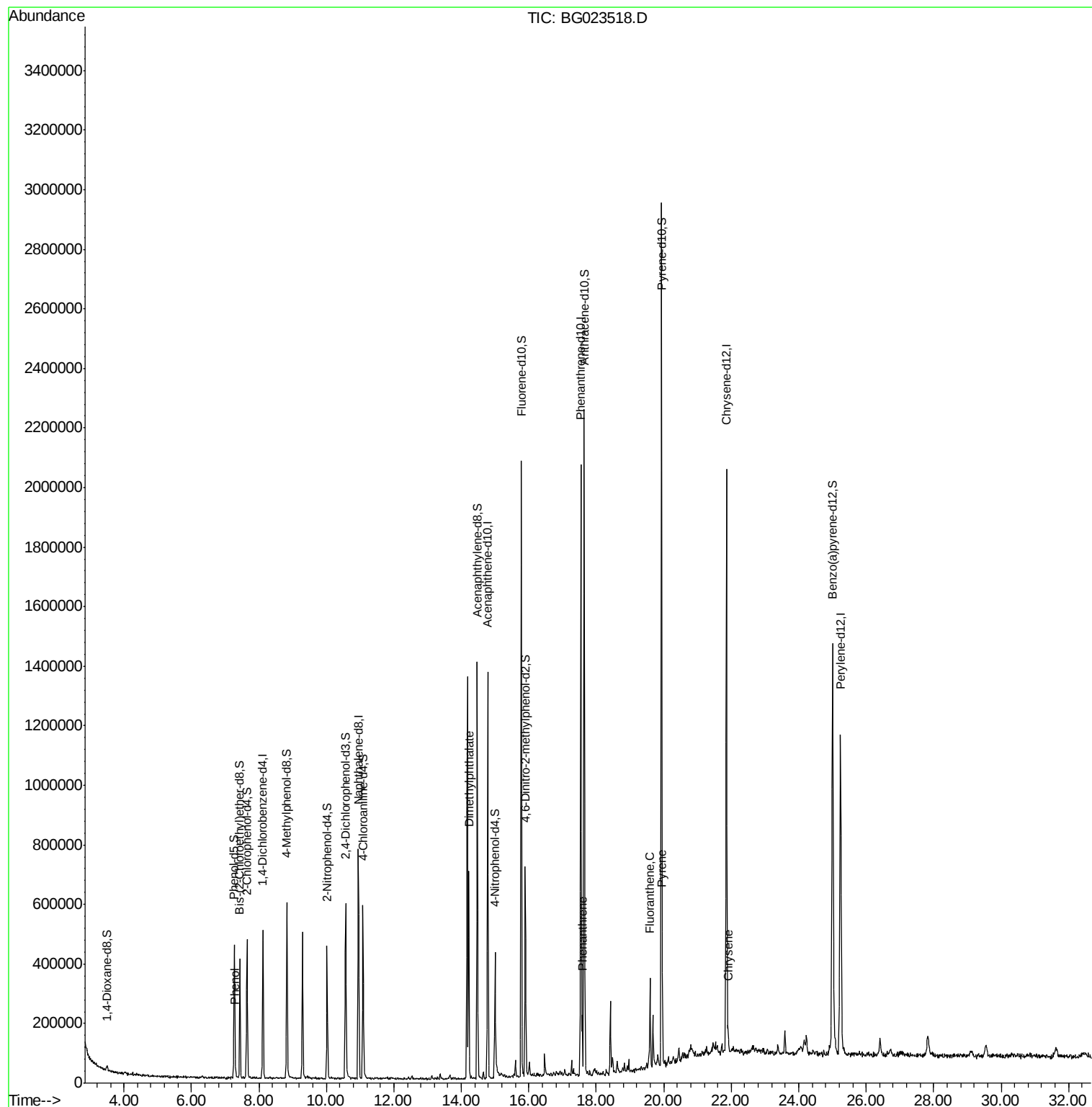
						Ovalue
6) Phenol	7.30	94	15552	1.10	ng/ul#	61
44) Dimethylphthalate	14.22	163	431687	11.18	ng/ul	99
69) Phenanthrene	17.59	178	117180	1.90	ng/ul	95
74) Fluoranthene	19.60	202	180902	2.87	ng/ul#	89
77) Pyrene	19.96	202	137445	1.85	ng/ul#	95
82) Chrysene	21.91	228	65090	1.06	ng/ul	98

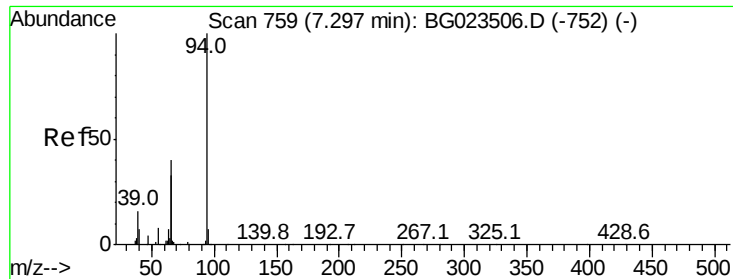
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.10 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. -0.02 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

Instrument :

BNA_G

ClientSampleId :

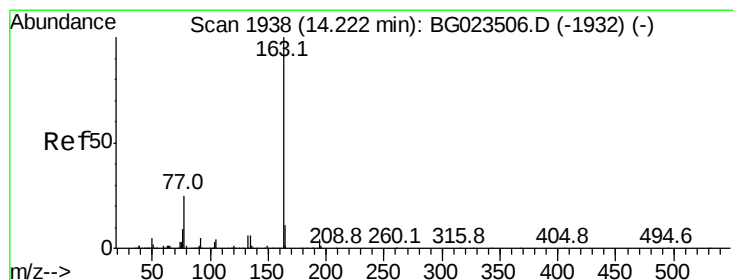
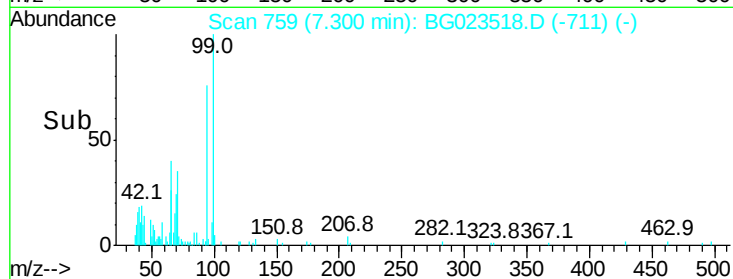
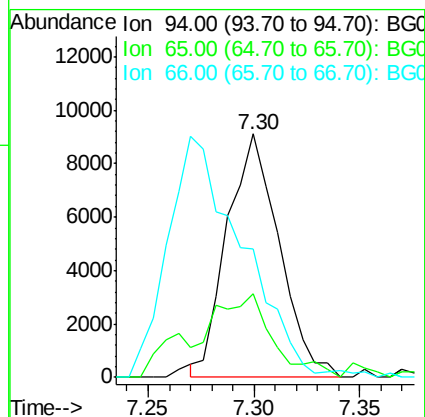
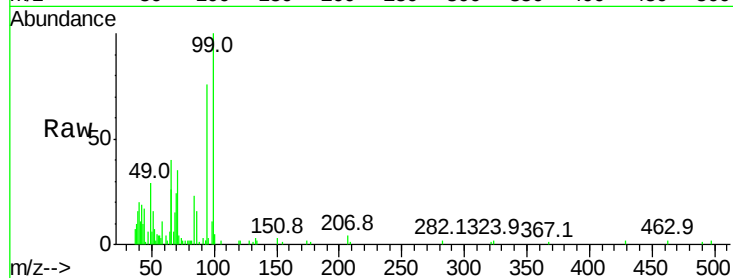
Tot Ion: 94 Resp: 15552

Ion Ratio Lower Upper

94 100

65 34.1 16.8 25.2#

66 53.0 22.6 33.8#



#44

Dimethylphthalate

Concen: 11.18 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. -0.03 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

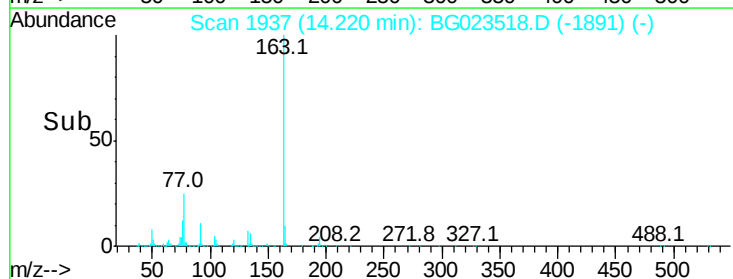
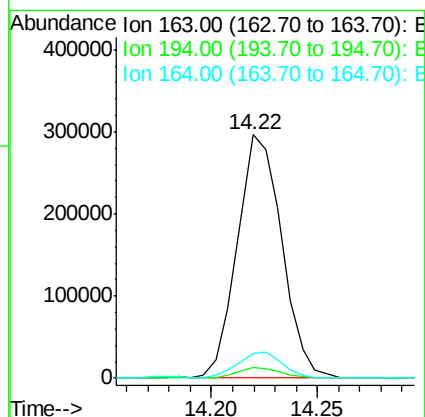
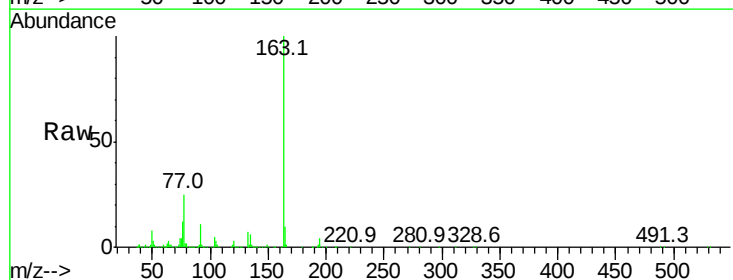
Tgt Ion:163 Resp: 431687

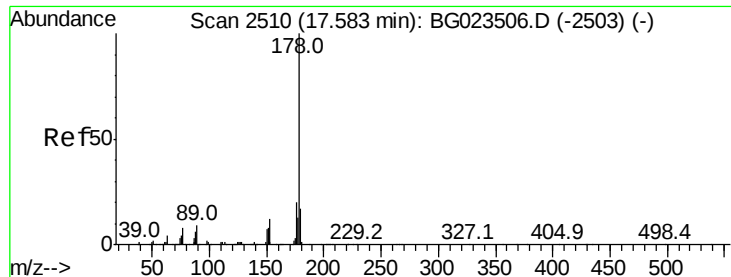
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.4 8.8 13.2





#69

Phenanthrene

Concen: 1.90 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.03 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

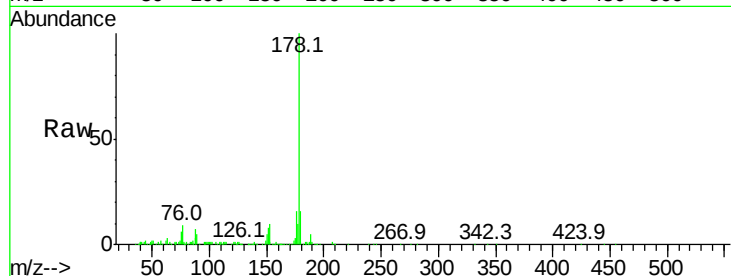
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 117180

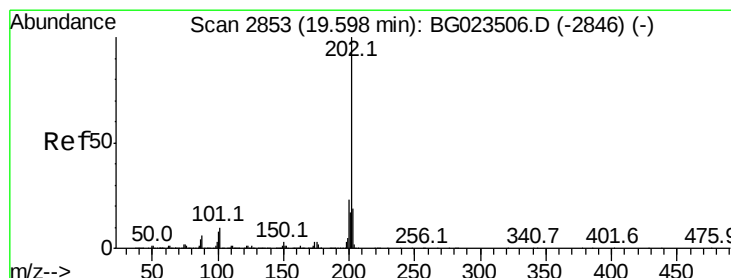
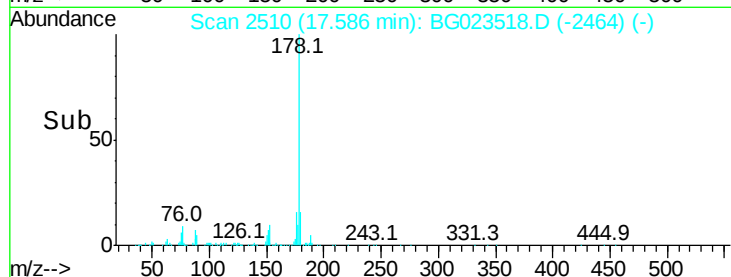
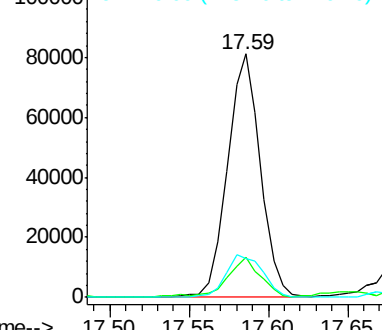
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	15.9	15.8	23.8



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



#74

Fluoranthene

Concen: 2.87 ng/ul

RT: 19.60 min Scan# 2853

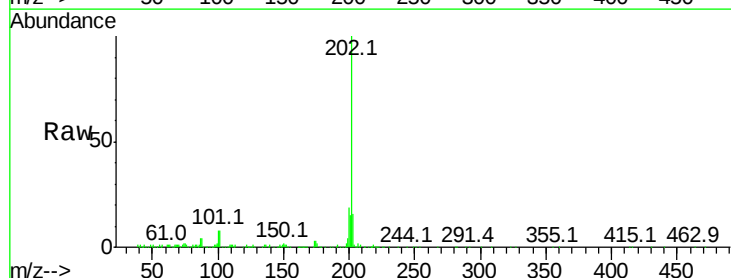
Delta R.T. -0.03 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

Tgt Ion:202 Resp: 180902

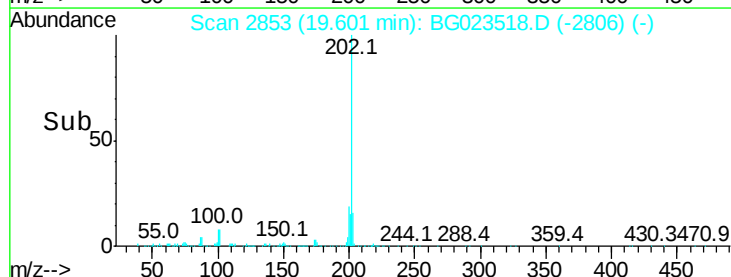
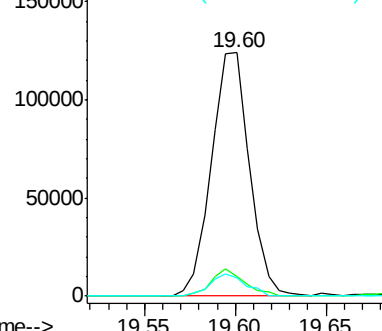
Ion	Ratio	Lower	Upper
202	100		
101	8.0	10.6	16.0#
100	7.7	8.7	13.1#

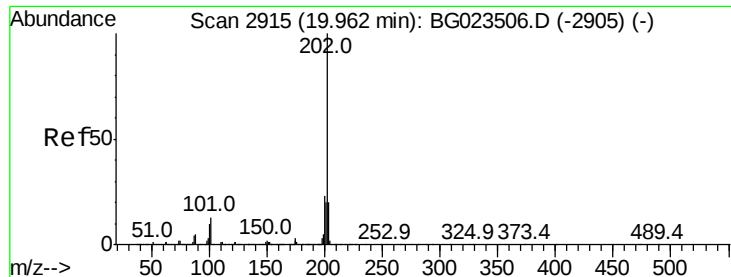


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 1.85 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.03 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

Instrument :

BNA_G

ClientSampleId :

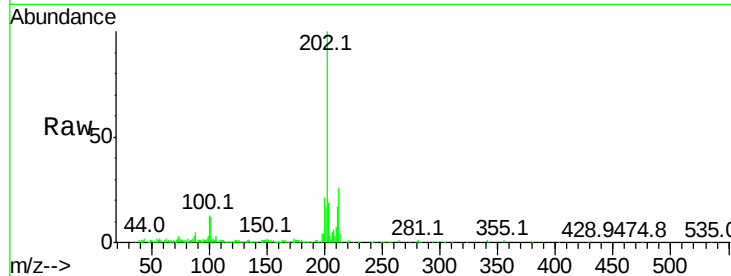
Tot Ion:202 Resp: 137445

Ion Ratio Lower Upper

202 100

101 11.7 12.5 18.7#

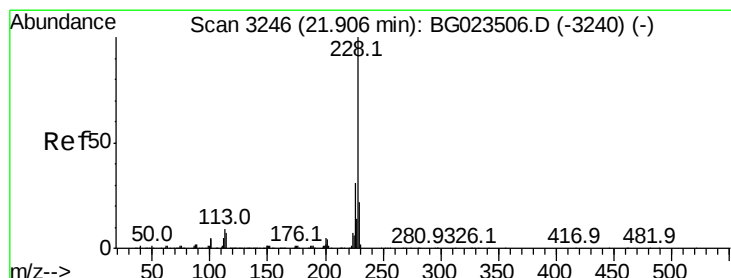
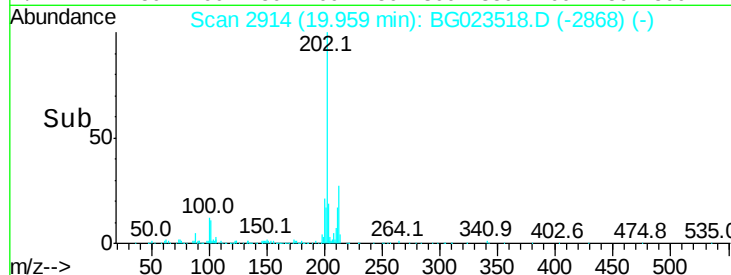
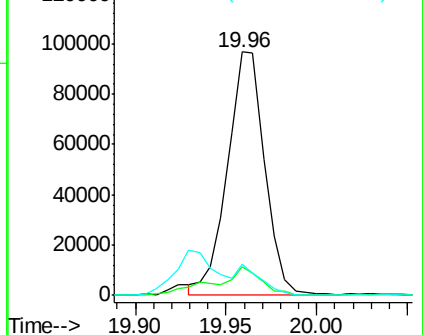
100 12.6 10.2 15.4



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: 1.06 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. -0.03 min

Lab File: BG023518.D

Acq: 6 Aug 2016 11:07

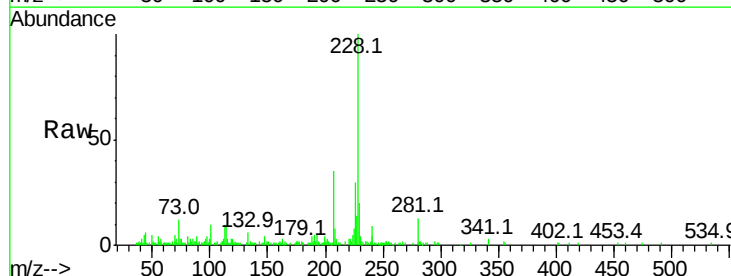
Tgt Ion:228 Resp: 65090

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

229 20.0 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

