

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023687.D
 Acq On : 13 Aug 2016 14:01
 Operator : UM/SJ
 Sample : H4388-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS003-0206-01

Quant Time: Aug 15 11:57:31 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 15 11:28:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	91001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	443992	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	314085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	737456	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	767309	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	766592	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	10589	4.95	ng/uL	0.00
5) Phenol-d5	7.27	99	272042	29.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	184178	31.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	188790	30.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	211396	29.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	109827	31.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	125354	31.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	220542	29.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	268381	30.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	807392	31.40	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	934534	32.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	116938	26.64	ng/ul	0.00
57) Fluorene-d10	15.78	176	727215	30.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	126626	26.76	ng/ul	0.00
70) Anthracene-d10	17.65	188	1060657	31.92	ng/ul	0.00
76) Pyrene-d10	19.94	212	1140466	29.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1104164	31.82	ng/ul	0.00

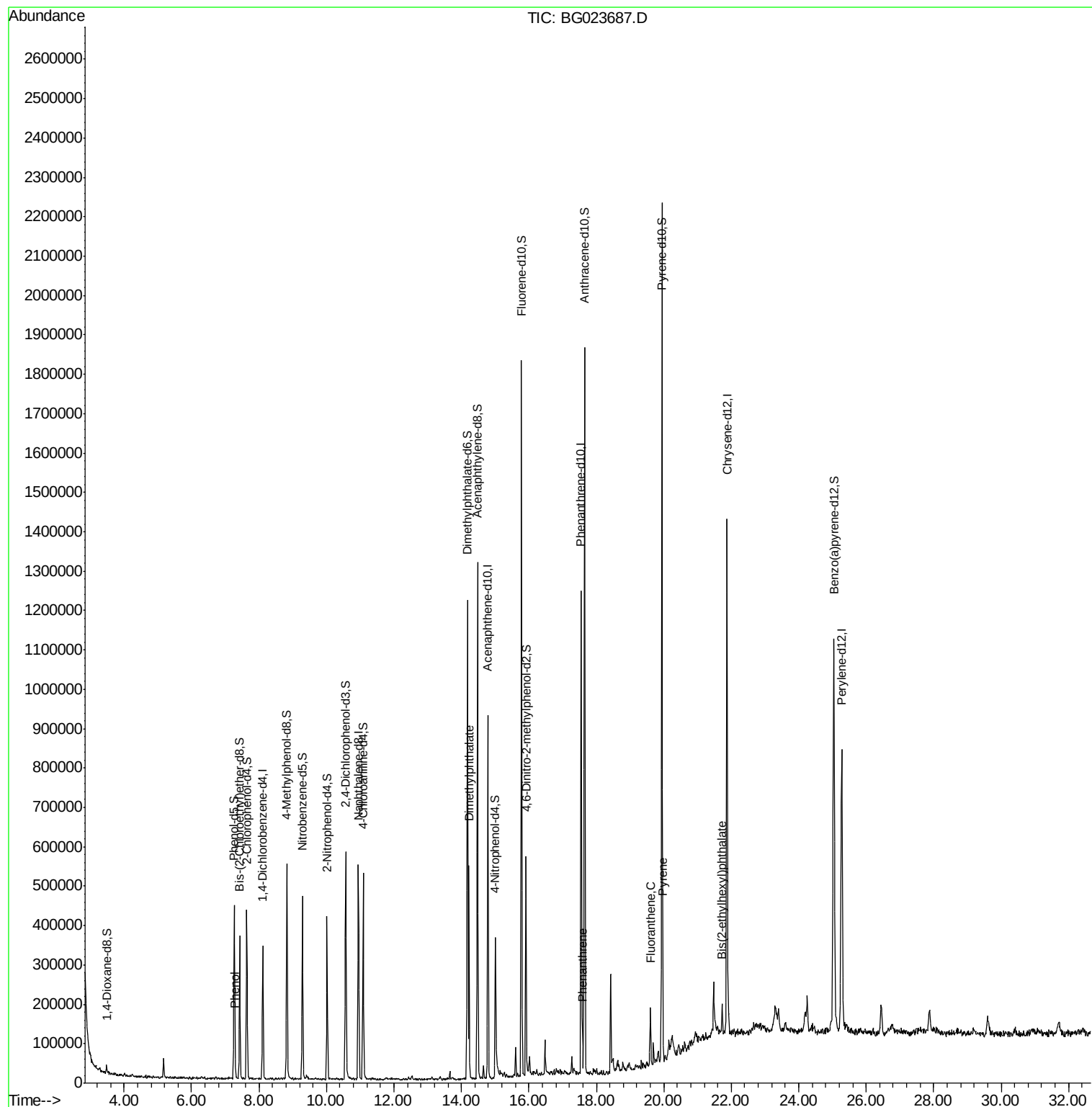
Target Compounds				Ovalue		
6) Phenol	7.30	94	14840	1.55	ng/ul#	76
44) Dimethylphthalate	14.22	163	335942	13.19	ng/ul#	99
69) Phenanthrene	17.59	178	38569	1.01	ng/ul#	95
74) Fluoranthene	19.61	202	84837	2.17	ng/ul#	90
77) Pyrene	19.97	202	86738	1.83	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.73	149	29373	1.21	ng/ul#	99

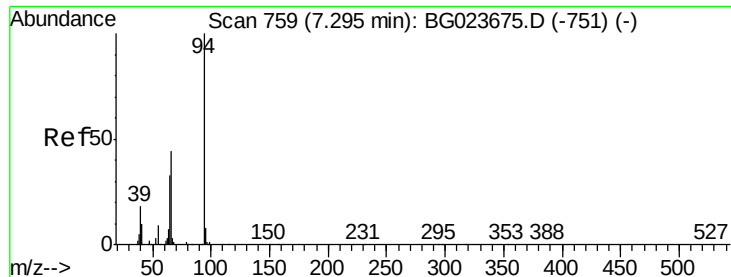
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.55 ng/ul

RT: 7.30 min Scan# 759

Delta R.T. 0.00 min

Lab File: BG023687.D

Acq: 13 Aug 2016 14:01

Instrument :

BNA_G

ClientSampleId :

PR002-SS003-0206-01

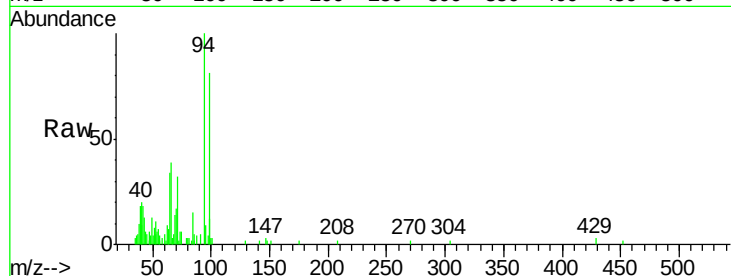
Tot Ion: 94 Resp: 14840

Ion Ratio Lower Upper

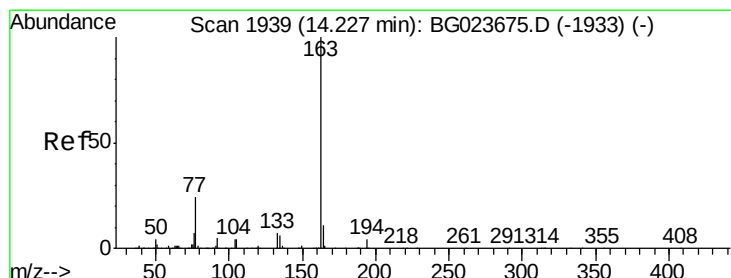
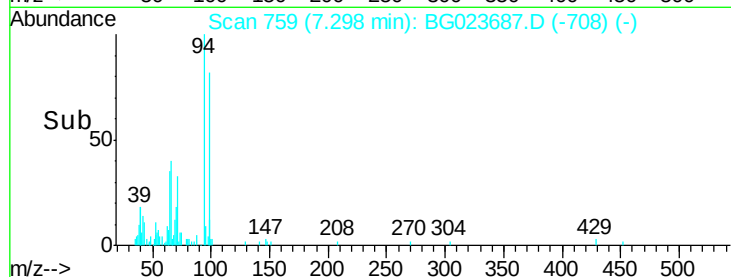
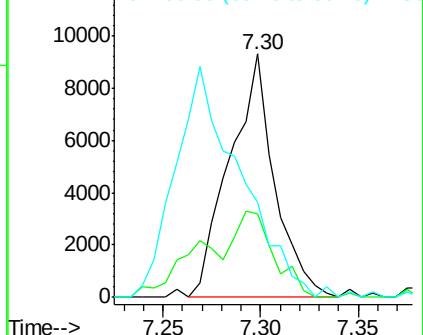
94 100

65 34.3 16.8 25.2#

66 39.1 22.6 33.8#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 13.19 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG023687.D

Acq: 13 Aug 2016 14:01

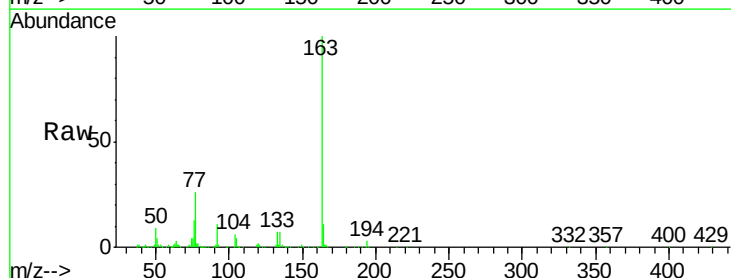
Tgt Ion:163 Resp: 335942

Ion Ratio Lower Upper

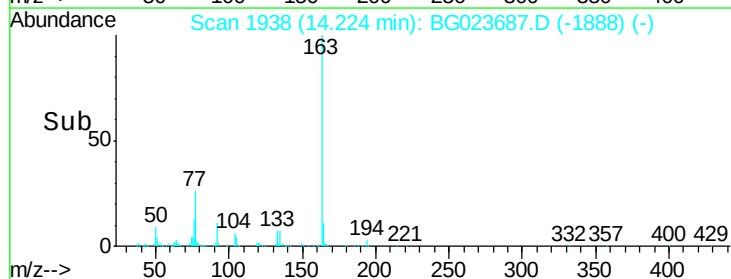
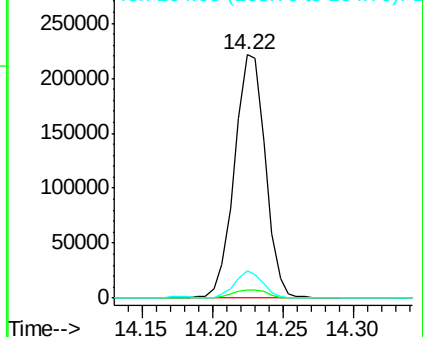
163 100

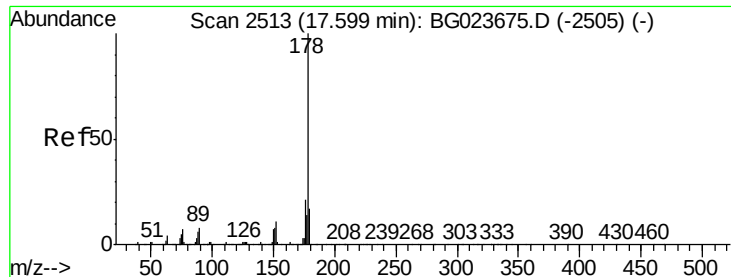
194 3.3 3.4 5.2#

164 11.1 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: 1.01 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG023687.D

Acq: 13 Aug 2016 14:01

Instrument :

BNA_G

ClientSampleId :

PR002-SS003-0206-01

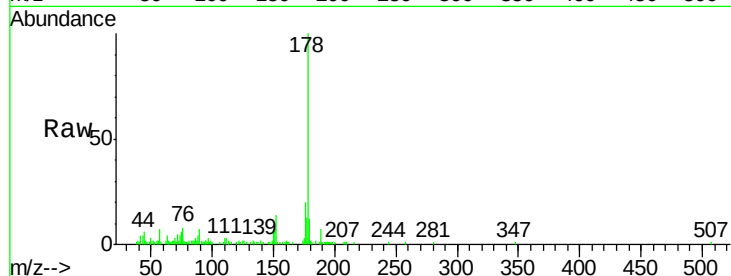
Tot Ion:178 Resp: 38569

Ion Ratio Lower Upper

178 100

179 12.2 12.9 19.3#

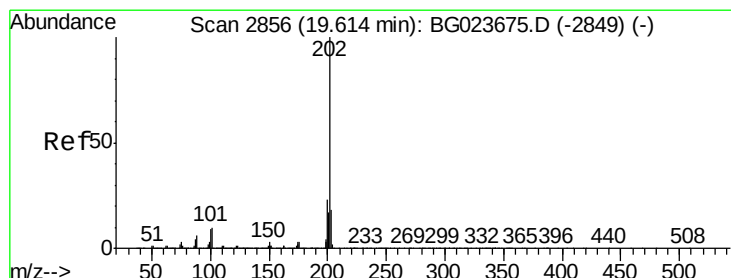
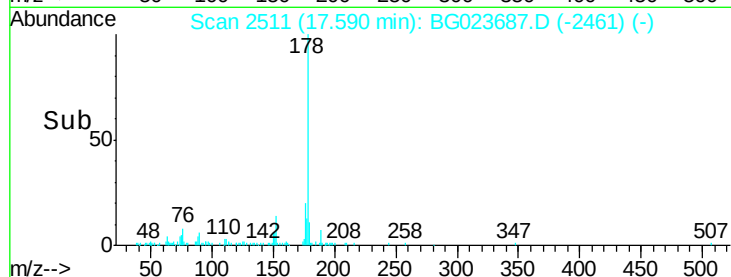
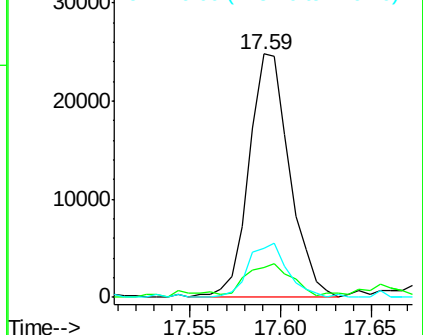
176 20.2 15.8 23.8



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: 2.17 ng/ul

RT: 19.61 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG023687.D

Acq: 13 Aug 2016 14:01

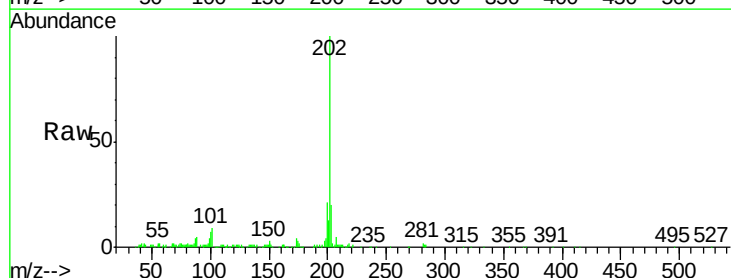
Tgt Ion:202 Resp: 84837

Ion Ratio Lower Upper

202 100

101 9.4 10.6 16.0#

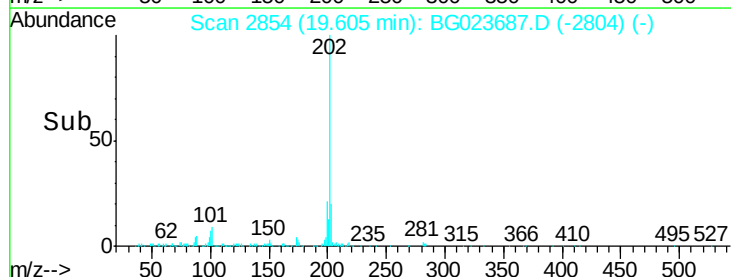
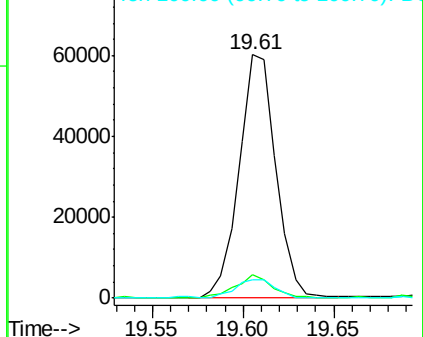
100 7.3 8.7 13.1#

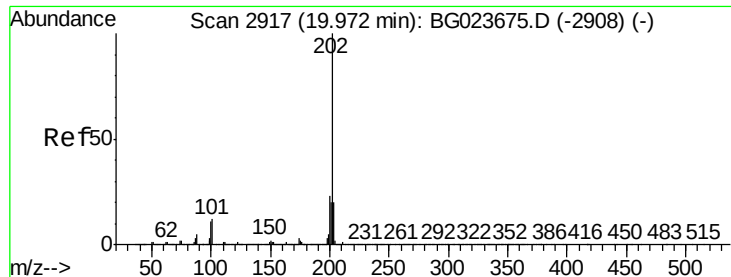


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

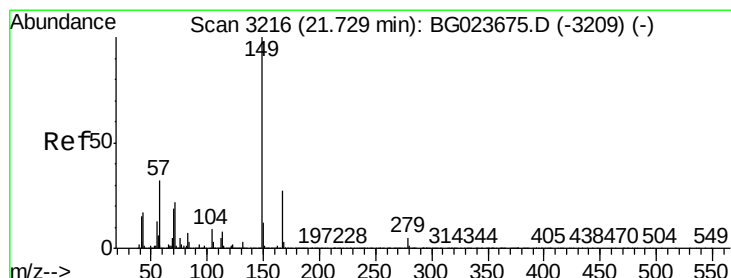
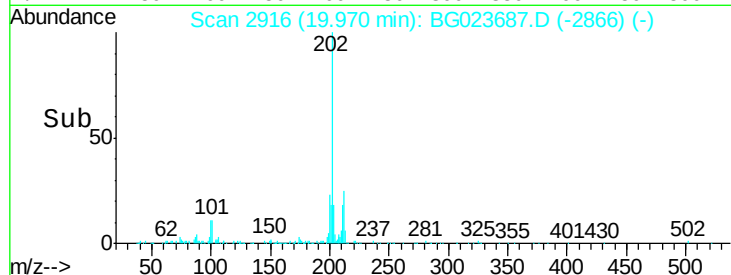
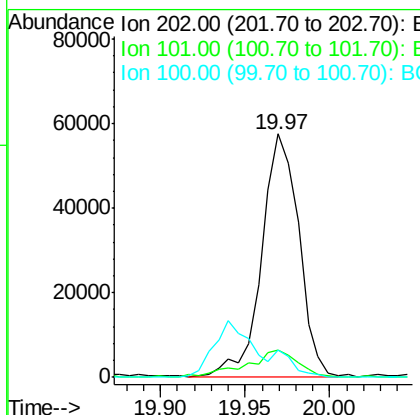
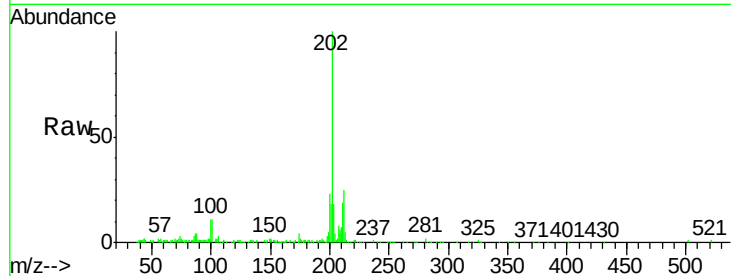




#77
 Pvrene
 Concen: 1.83 ng/ul
 RT: 19.97 min Scan# 2916
 Delta R.T. -0.00 min
 Lab File: BG023687.D
 Acq: 13 Aug 2016 14:01

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS003-0206-01

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	11.0	10.2	15.4



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.21 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023687.D
 Acq: 13 Aug 2016 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.9	32.9
279	5.3	2.9	4.3#

