

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022803.D
 Acq On : 2 Jul 2016 21:08
 Operator : UM/SJ
 Sample : H3818-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHT1

Quant Time: Jul 03 00:34:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 03 00:31:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	166106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	721734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	554779	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1332592	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	2624	20.00	ng/ul	-0.05
83) Perylene-d12	25.23	264	1581293	20.00	ng/ul	0.00

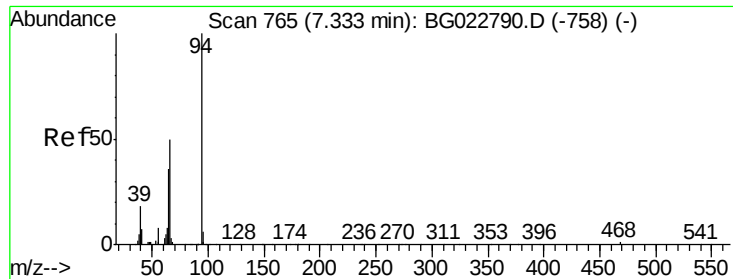
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	6757	2.27	ng/uL	0.00
5) Phenol-d5	7.31	99	411110	23.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	243081	24.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	291409	24.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	324930	23.94	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	138731	24.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	170738	24.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	346413	23.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	356585	29.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1133482	25.15	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1252768	24.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	142887	20.19	ng/ul	0.00
57) Fluorene-d10	15.79	176	1040976	24.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	175154	20.44	ng/ul	0.00
70) Anthracene-d10	17.65	188	1485399	23.98	ng/ul	0.00
76) Pyrene-d10	19.93	212	1810258	14441.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1813067	24.13	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	24192	1.35	ng/ul#	62
44) Dimethylphthalate	14.24	163	774771	16.84	ng/ul	99
77) Pyrene	19.93	202	3375	22.98	ng/ul#	1
78) Butylbenzylphthalate	20.78	149	164	2.88	ng/ul#	23
79) 3,3'-Dichlorobenzidine	21.68	252	70	1.41	ng/ul#	26
80) Benzo(a)anthracene	21.89	228	2528	16.43	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.67	149	546	7.43	ng/ul#	52
82) Chrysene	21.85	228	7646	54.57	ng/ul#	83

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



#6

Phenol

Concen: 1.35 ng/ul

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

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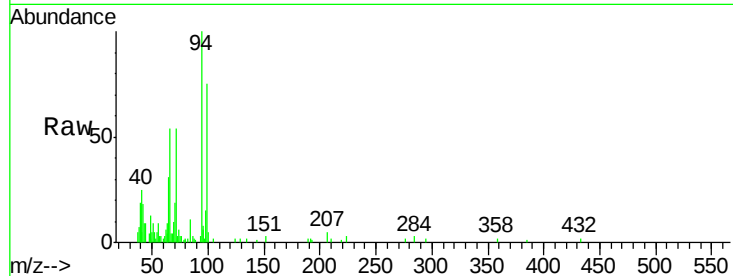
Tot Ion: 94 Resp: 24192

Ion Ratio Lower Upper

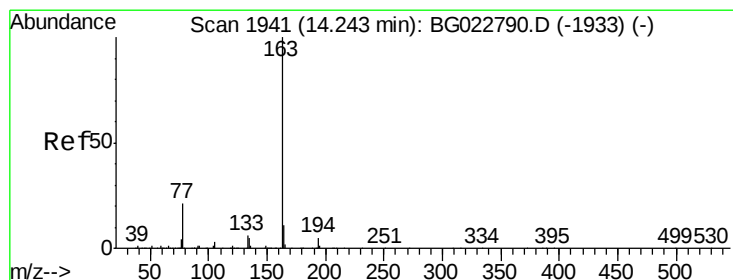
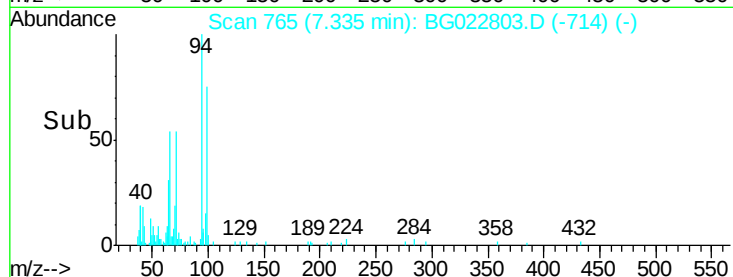
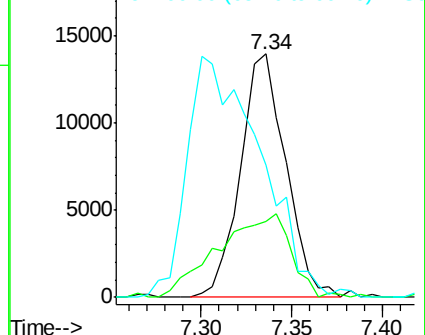
94 100

65 31.4 16.8 25.2#

66 54.2 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: 16.84 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG022803.D

Acq: 2 Jul 2016 21:08

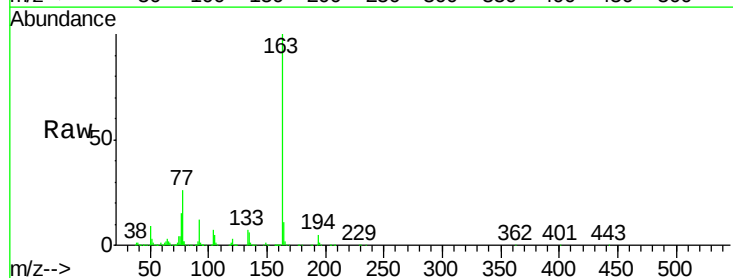
Tgt Ion:163 Resp: 774771

Ion Ratio Lower Upper

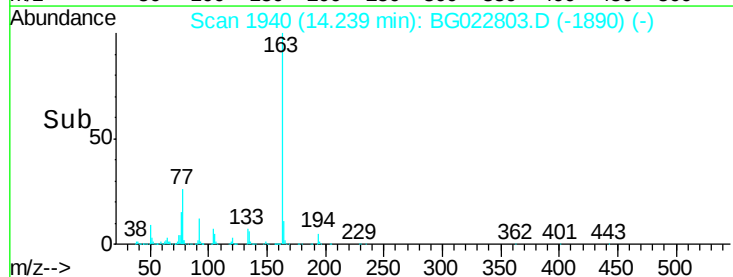
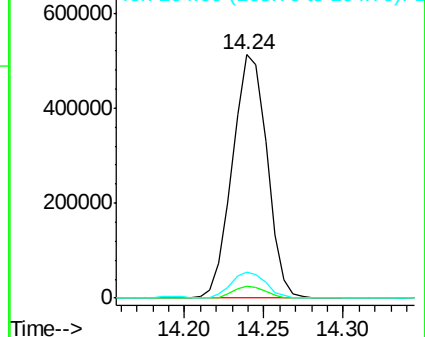
163 100

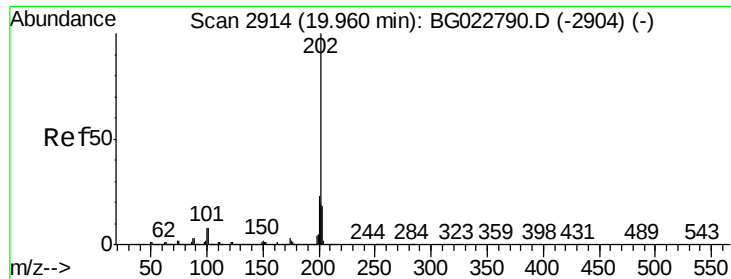
194 4.7 3.4 5.2

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

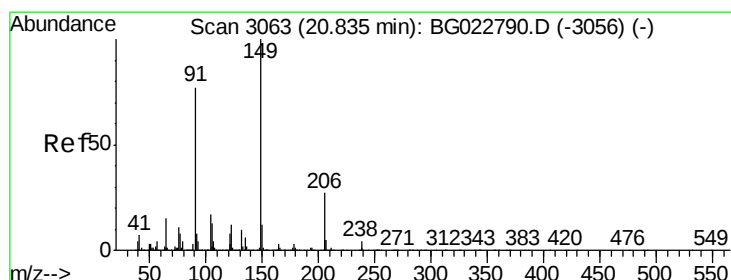
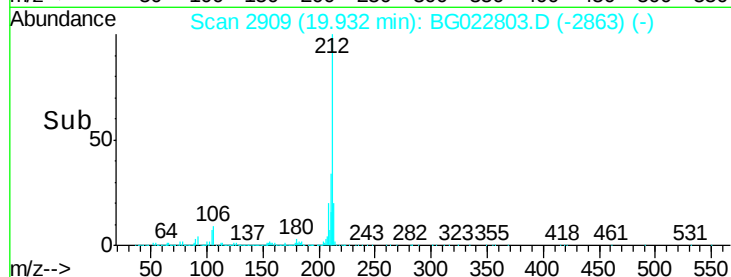
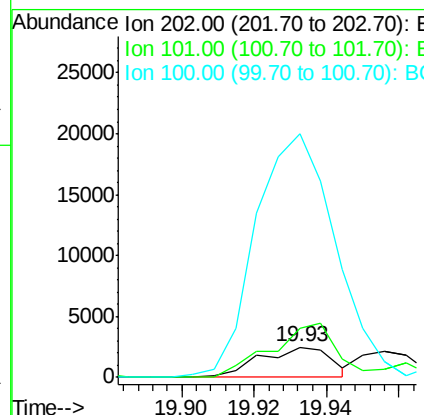
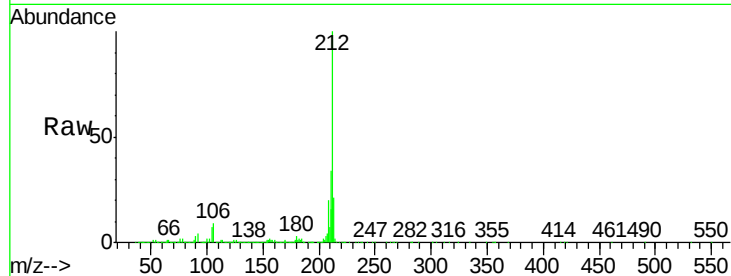




#77
Pvrene
Concen: 22.98 ng/ul
RT: 19.93 min Scan# 2909
Delta R.T. -0.03 min
Lab File: BG022803.D
Acq: 2 Jul 2016 21:08

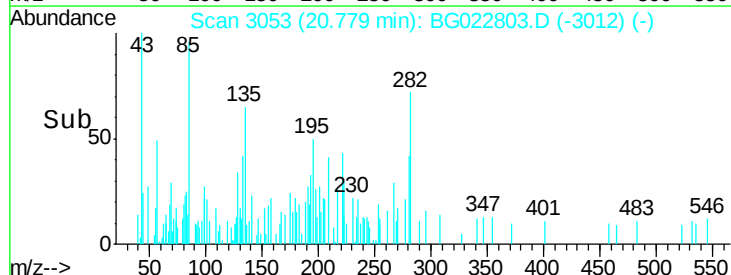
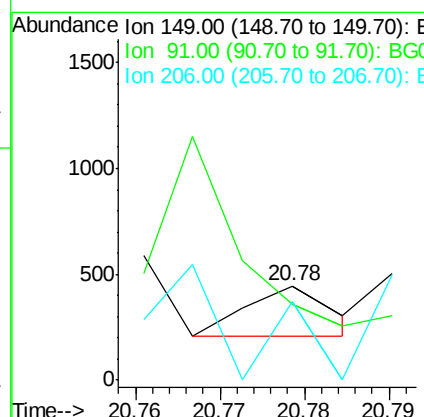
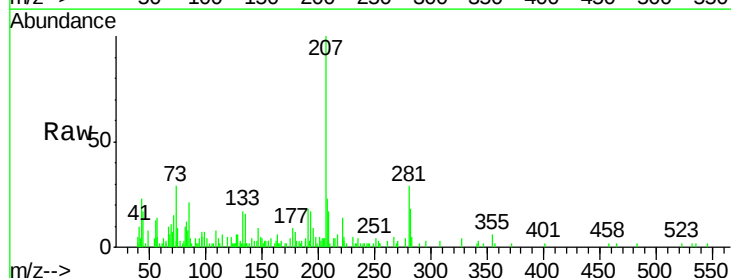
Instrument :
BNA_G
ClientSampleId :
BDHT1

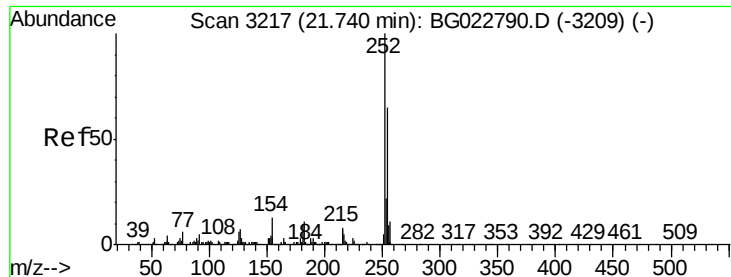
Tot Ion:202 Resp: 3375
Ion Ratio Lower Upper
202 100
101 163.3 12.5 18.7#
100 815.0 10.2 15.4#



#78
Butylbenzylphthalate
Concen: 2.88 ng/ul
RT: 20.78 min Scan# 3053
Delta R.T. -0.06 min
Lab File: BG022803.D
Acq: 2 Jul 2016 21:08

Tgt Ion:149 Resp: 164
Ion Ratio Lower Upper
149 100
91 114.8 54.2 81.4#
206 82.7 14.1 21.1#





#79

3,3'-Dichlorobenzidine

Concen: 1.41 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.06 min

Lab File: BG022803.D

Acq: 2 Jul 2016 21:08

Instrument :

BNA_G

ClientSampled :

BDHT1

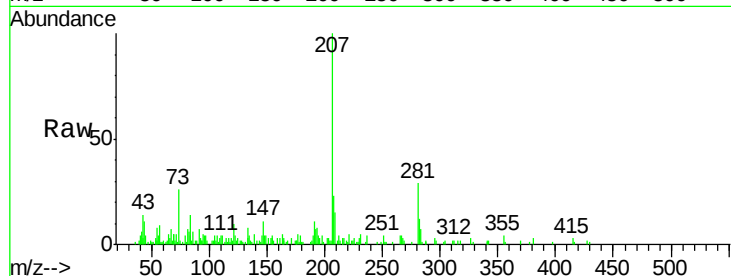
Tot Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

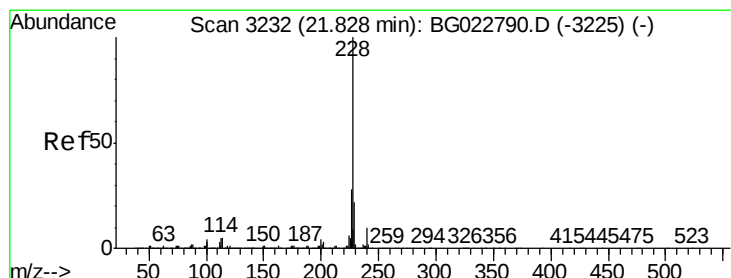
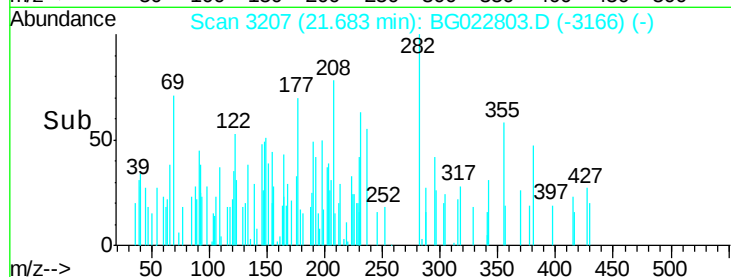
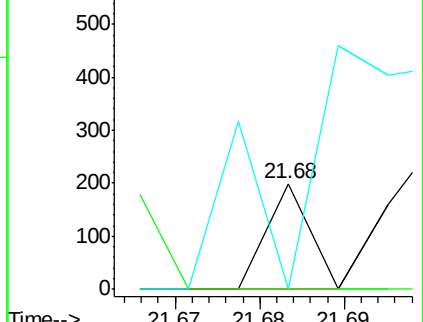
126 0.0 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 16.43 ng/ul

RT: 21.89 min Scan# 3243

Delta R.T. 0.07 min

Lab File: BG022803.D

Acq: 2 Jul 2016 21:08

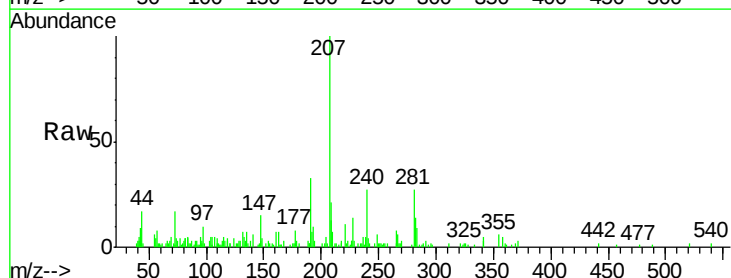
Tgt Ion:228 Resp: 2528

Ion Ratio Lower Upper

228 100

229 23.0 15.4 23.2

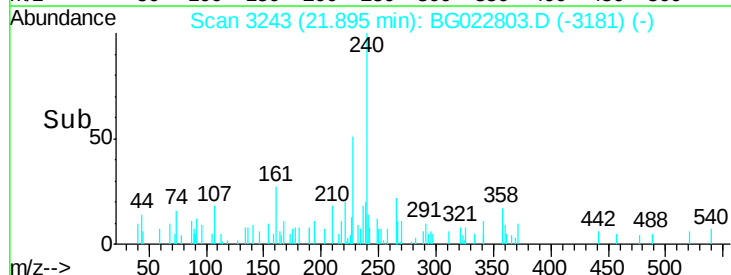
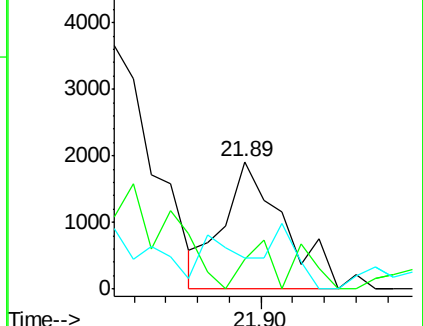
226 24.7 22.8 34.2

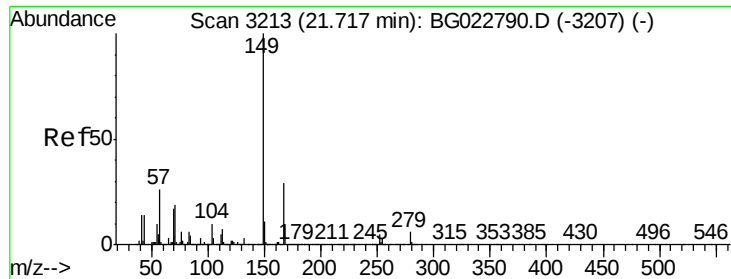


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

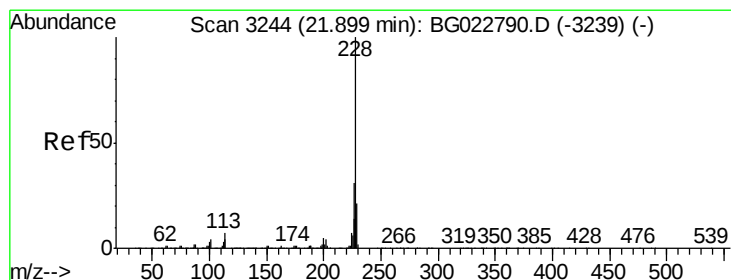
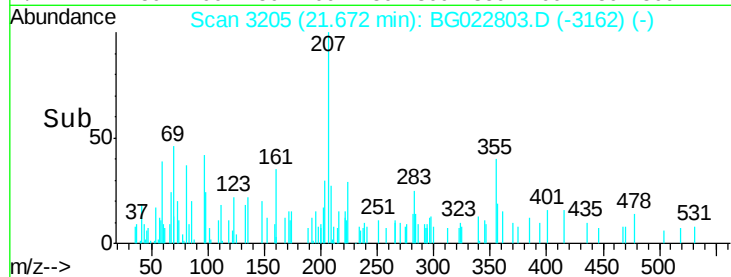
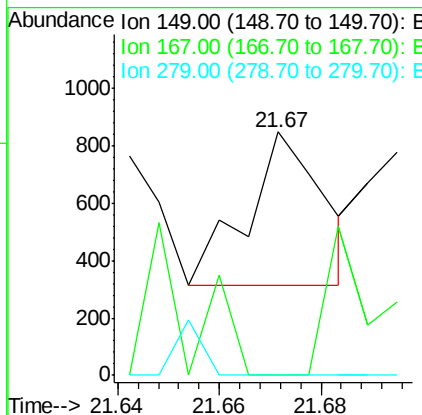
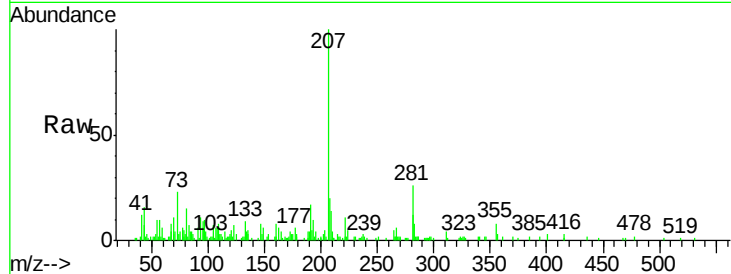




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 7.43 ng/ul
 RT: 21.67 min Scan# 3205
 Delta R.T. -0.04 min
 Lab File: BG022803.D
 Acq: 2 Jul 2016 21:08

Instrument :
 BNA_G
 ClientSampleId :
 BDHT1

Tot Ion:149 Resp: 546
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 2.9 4.3#



#82
 Chrysene
 Concen: 54.57 ng/ul
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.05 min
 Lab File: BG022803.D
 Acq: 2 Jul 2016 21:08

Tgt Ion:228 Resp: 7646
 Ion Ratio Lower Upper
 228 100
 226 15.4 24.2 36.4#
 229 18.1 15.0 22.6

