

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022851.D
 Acq On : 5 Jul 2016 15:17
 Operator : UM/SJ
 Sample : H3811-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TV5

Quant Time: Jul 06 03:23:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	143195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	645267	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	505961	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1153620	20.00	ng/ul	0.10
75) Chrysene-d12	21.93	240	2139	20.00	ng/ul	0.08
83) Perylene-d12	25.22	264	1329543	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2898	1.13	ng/uL	0.00
5) Phenol-d5	7.30	99	290556	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	182361	21.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	199291	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	183957	15.72	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	101961	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	123322	19.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	250682	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	6520	0.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	878817	21.38	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1012820	21.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	124290	19.26	ng/ul	0.00
57) Fluorene-d10	15.79	176	832801	21.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	202	0.03	ng/ul	0.08
70) Anthracene-d10	17.71	188	1428	0.03	ng/ul	0.07
76) Pyrene-d10	19.98	212	1668	16.32	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.98	264	1343681	21.27	ng/ul	0.00

Target Compounds

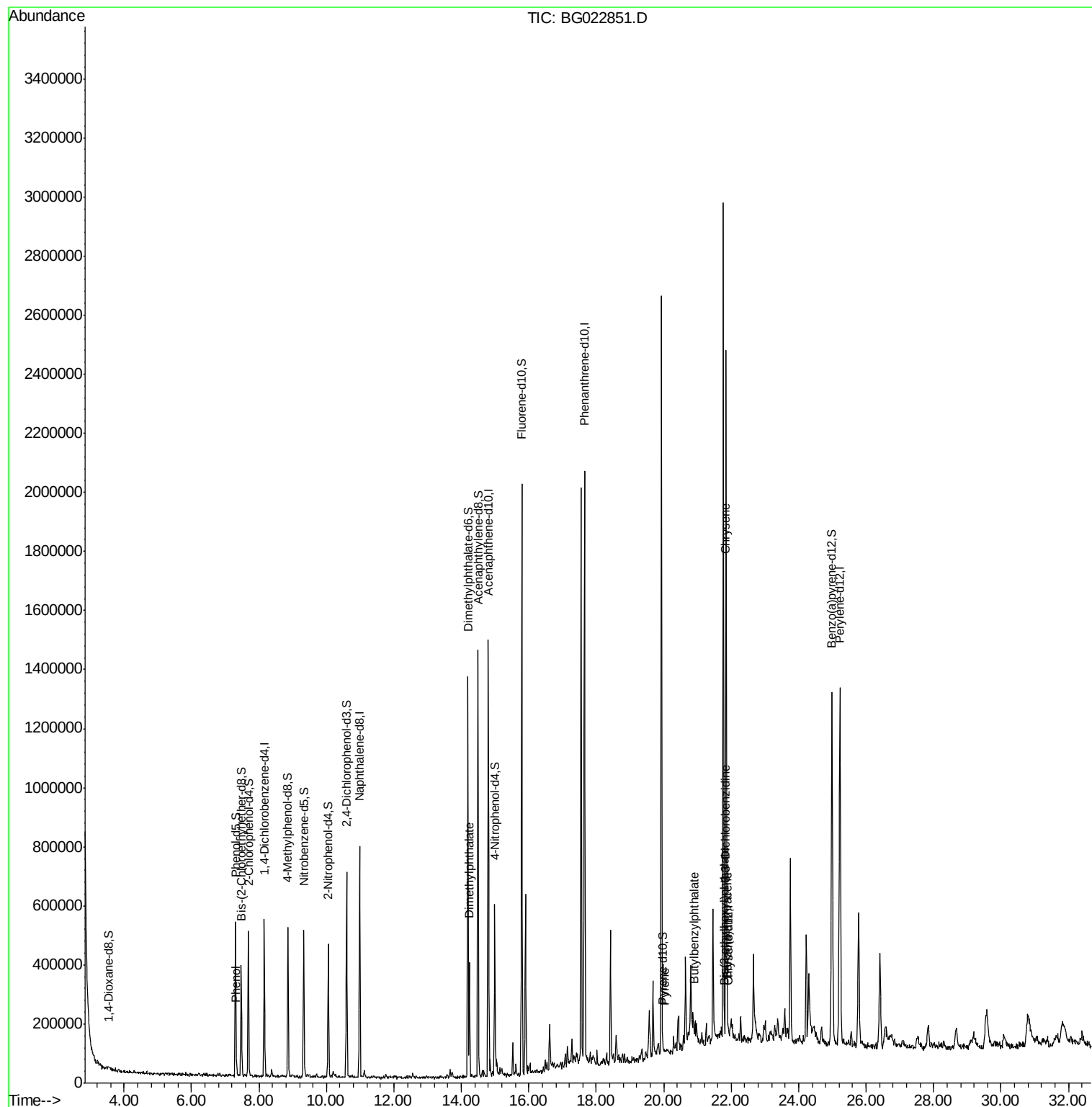
						Qvalue
6) Phenol	7.33	94	16809	1.09	ng/ul#	42
44) Dimethylphthalate	14.24	163	242028	5.77	ng/ul	98
77) Pyrene	20.02	202	437	3.65	ng/ul#	1
78) Butylbenzylphthalate	20.90	149	229	4.93	ng/ul#	21
79) 3,3'-Dichlorobenzidine	21.82	252	54	1.33	ng/ul#	1
80) Benzo(a)anthracene	21.90	228	9085	72.41	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.80	149	532	8.88	ng/ul#	49
82) Chrysene	21.83	228	6078	53.22	ng/ul	93

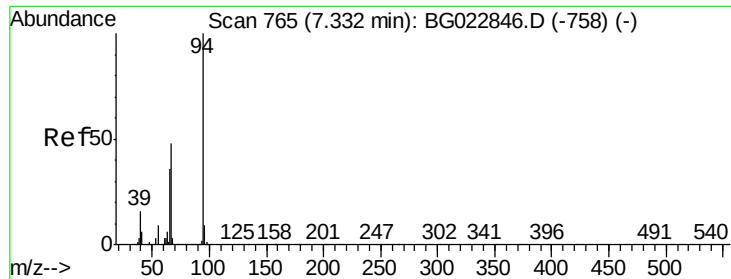
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.09 ng/ul

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022851.D

Acq: 5 Jul 2016 15:17

Instrument :

BNA_G

ClientSampleId :

A4TV5

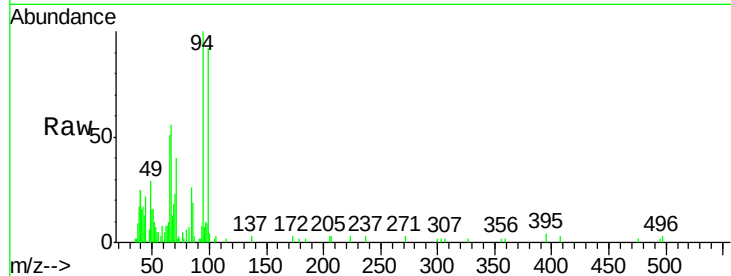
Tgt Ion: 94 Resp: 16809

Ion Ratio Lower Upper

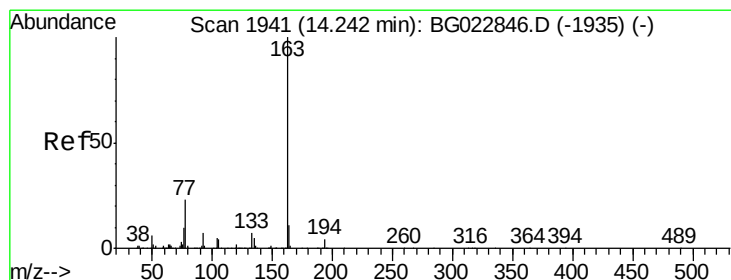
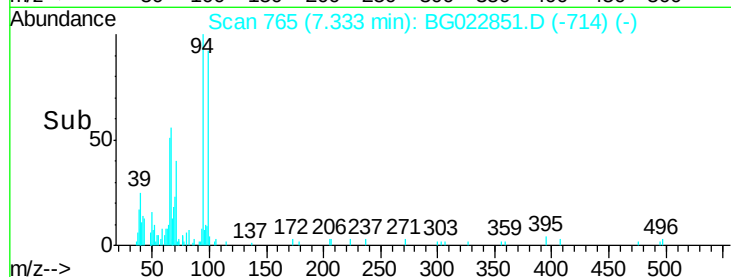
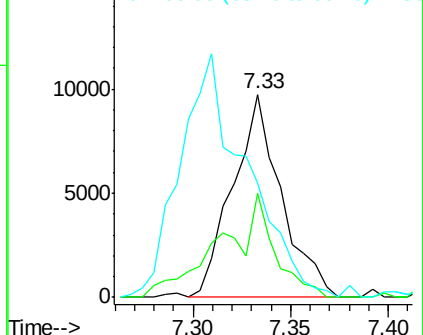
94 100

65 51.0 16.8 25.2#

66 56.2 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: 5.77 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022851.D

Acq: 5 Jul 2016 15:17

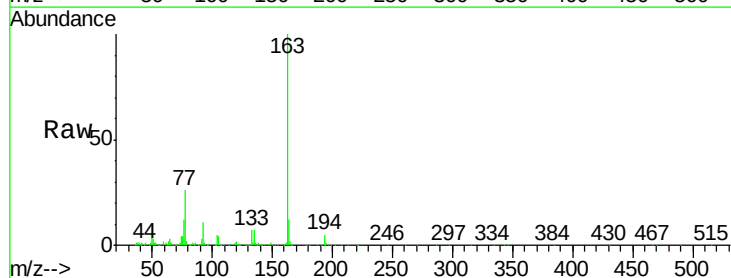
Tgt Ion:163 Resp: 242028

Ion Ratio Lower Upper

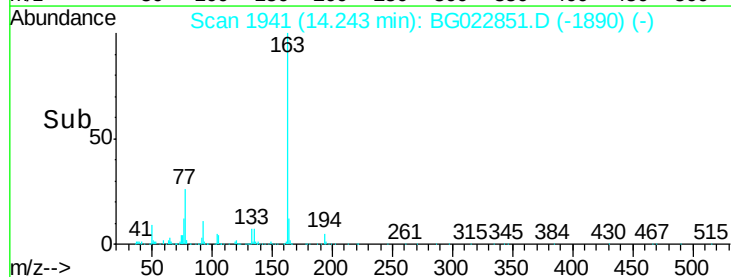
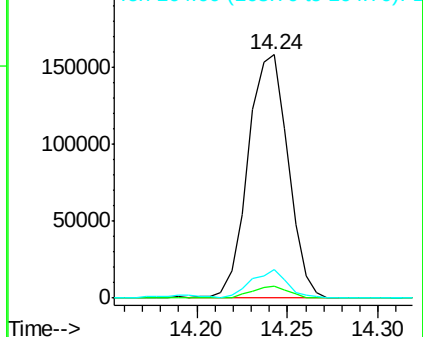
163 100

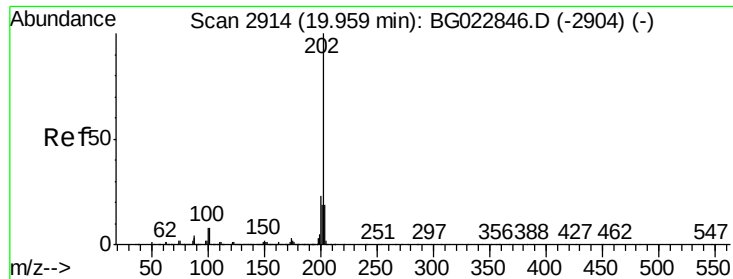
194 4.9 3.4 5.2

164 11.6 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

Pyrene

Concen: 3.65 ng/ul

RT: 20.02 min Scan# 2925

Delta R.T. 0.07 min

Lab File: BG022851.D

Acq: 5 Jul 2016 15:17

Instrument :

BNA_G

ClientSampleId :

A4TV5

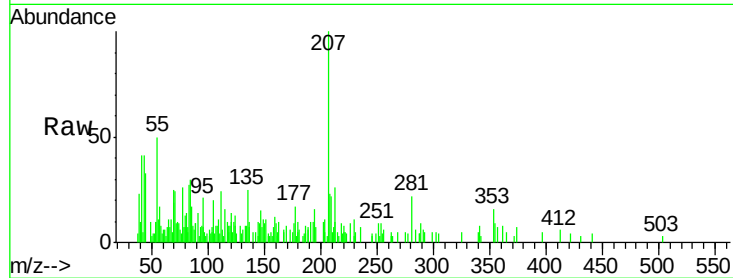
Tgt Ion:202 Resp: 437

Ion Ratio Lower Upper

202 100

101 88.6 12.5 18.7#

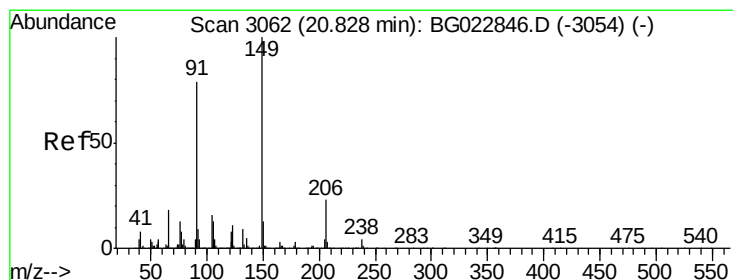
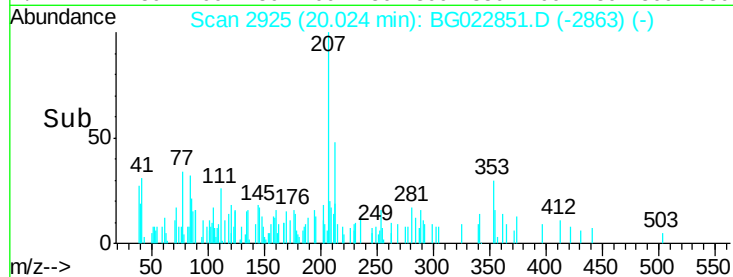
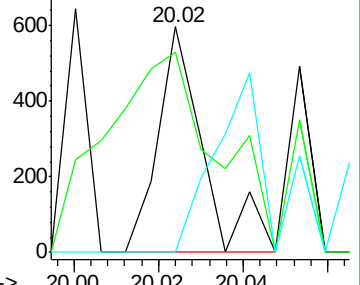
100 0.0 10.2 15.4#



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



#78

Butylbenzylphthalate

Concen: 4.93 ng/ul

RT: 20.90 min Scan# 3074

Delta R.T. 0.07 min

Lab File: BG022851.D

Acq: 5 Jul 2016 15:17

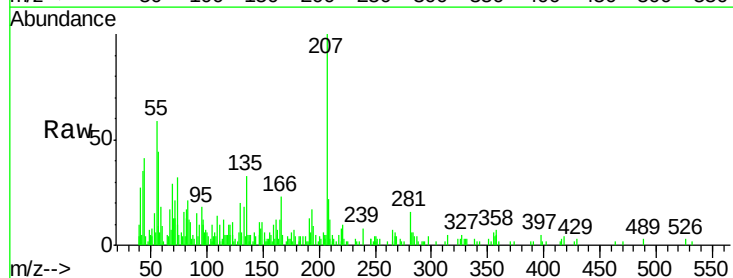
Tgt Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

91 136.0 54.2 81.4#

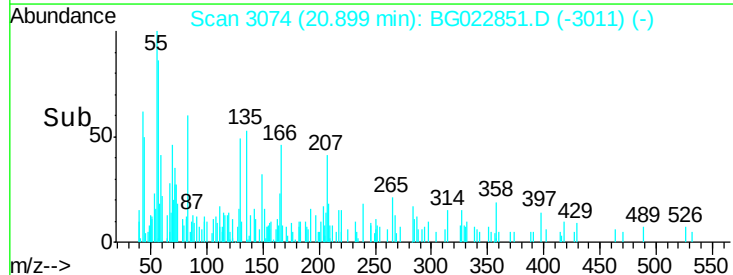
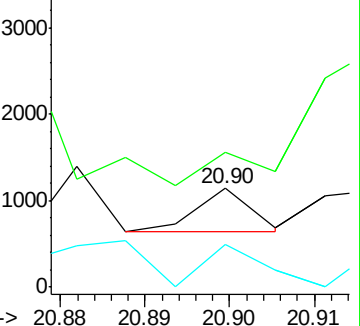
206 43.1 14.1 21.1#

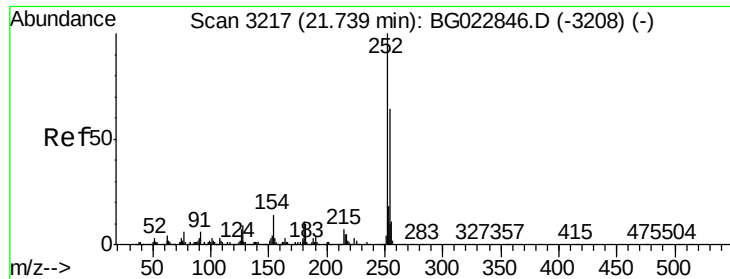


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

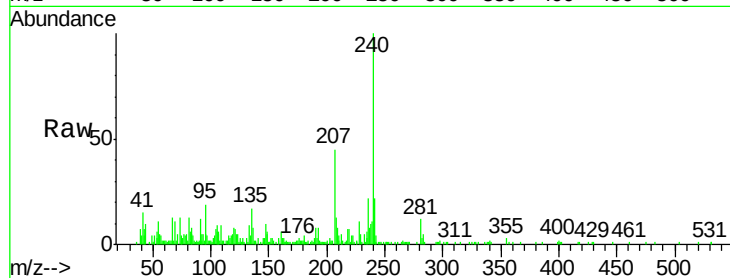




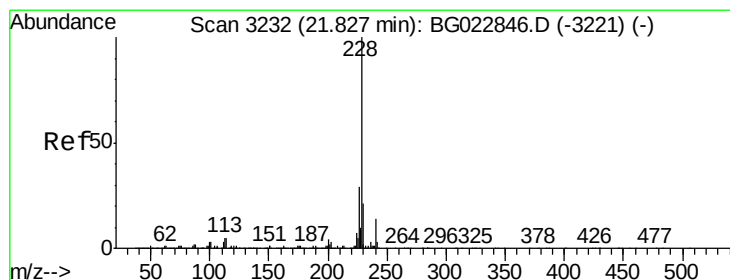
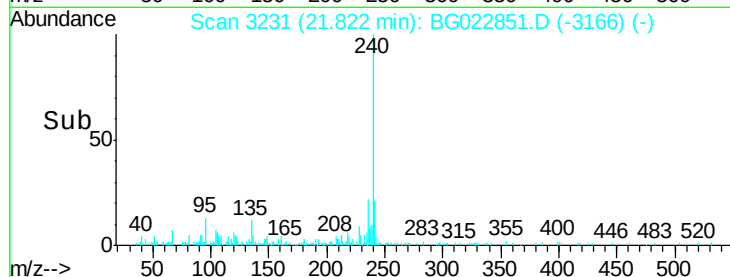
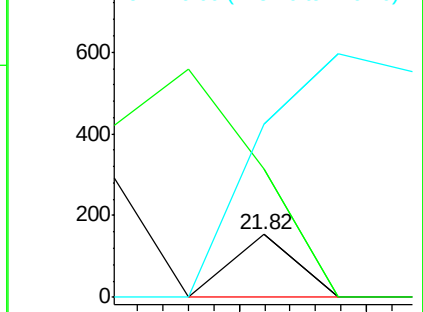
#79
 3,3'-Dichlorobenzidine
 Concen: 1.33 ng/ul
 RT: 21.82 min Scan# 3231
 Delta R.T. 0.08 min
 Lab File: BG022851.D
 Acq: 5 Jul 2016 15:17

Instrument :
 BNA_G
 ClientSampleId :
 A4TV5

Tgt Ion:252 Resp: 54
 Ion Ratio Lower Upper
 252 100
 254 204.5 51.4 77.2#
 126 276.0 10.7 16.1#

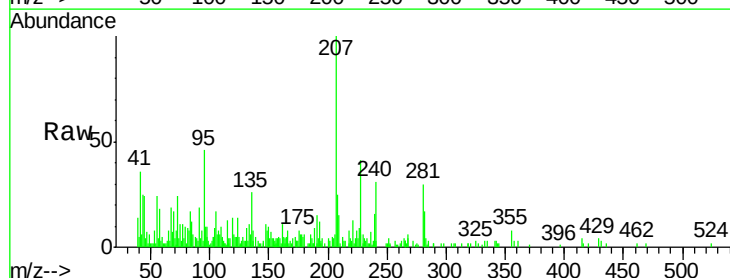


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

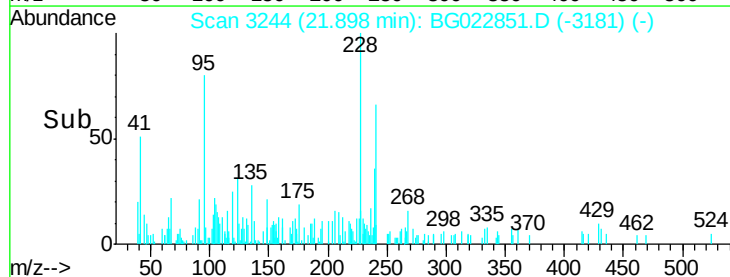
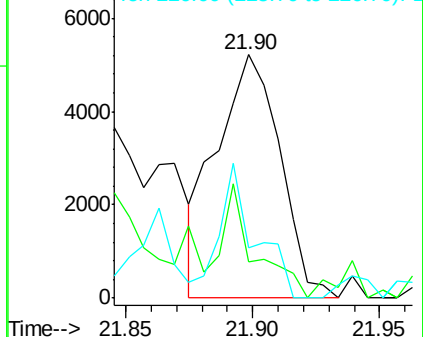


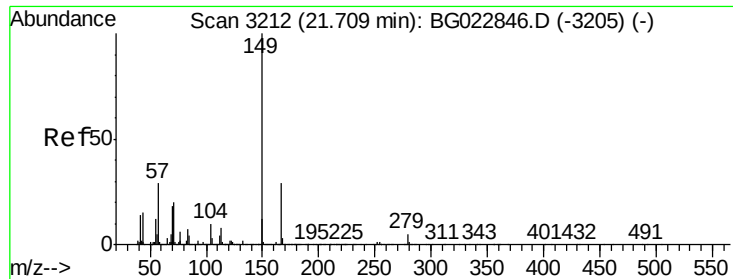
#80
 Benzo(a)anthracene
 Concen: 72.41 ng/ul
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.07 min
 Lab File: BG022851.D
 Acq: 5 Jul 2016 15:17

Tgt Ion:228 Resp: 9085
 Ion Ratio Lower Upper
 228 100
 229 14.8 15.4 23.2#
 226 20.8 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

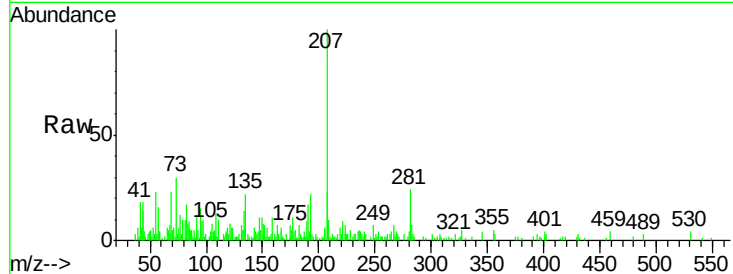




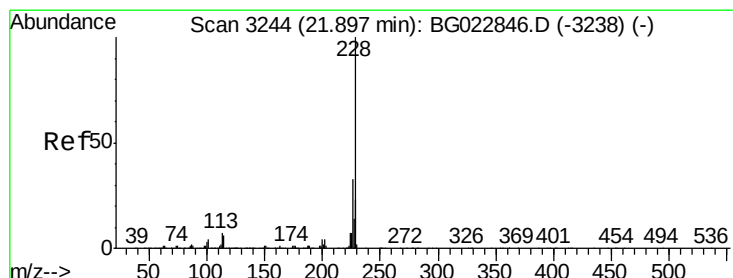
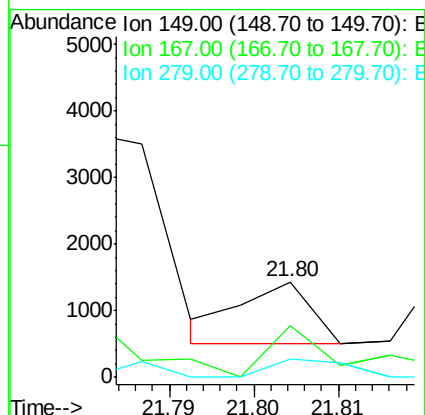
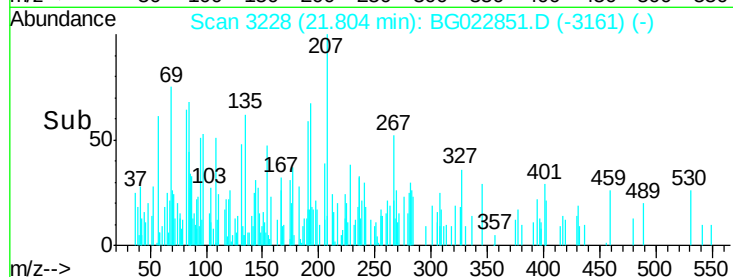
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 8.88 ng/ul
 RT: 21.80 min Scan# 3228
 Delta R.T. 0.09 min
 Lab File: BG022851.D
 Acq: 5 Jul 2016 15:17

Instrument :
 BNA_G
 ClientSampled :
 A4TV5

Tgt Ion:149 Resp: 532
 Ion Ratio Lower Upper
 149 100
 167 54.0 21.9 32.9#
 279 19.0 2.9 4.3#

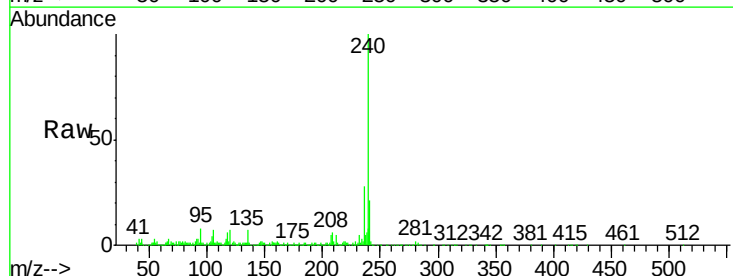


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#82
 Chrysene
 Concen: 53.22 ng/ul
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.06 min
 Lab File: BG022851.D
 Acq: 5 Jul 2016 15:17

Tgt Ion:228 Resp: 6078
 Ion Ratio Lower Upper
 228 100
 226 35.3 24.2 36.4
 229 17.0 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

