

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070516\
 Data File : BG022853.D
 Acq On : 5 Jul 2016 16:45
 Operator : UM/SJ
 Sample : PB91784BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK84

Quant Time: Jul 06 03:23:43 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	116924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	544879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	433857	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1797068	20.00	ng/ul	0.10
75) Chrysene-d12	21.93	240	2544	20.00	ng/ul	0.09
83) Perylene-d12	25.22	264	1152044	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8235	3.94	ng/uL	0.00
5) Phenol-d5	7.31	99	415361	33.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	251139	36.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	266839	32.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	325058	34.02	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	151027	34.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	178722	34.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	354814	32.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	451636	48.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1310045	37.17	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1470886	36.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	190639	34.45	ng/ul	0.00
57) Fluorene-d10	15.79	176	1222375	36.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	696	0.06	ng/ul	0.08
70) Anthracene-d10	17.65	188	1797068	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	2046479	16838.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	2098098	38.33	ng/ul	0.01

Target Compounds

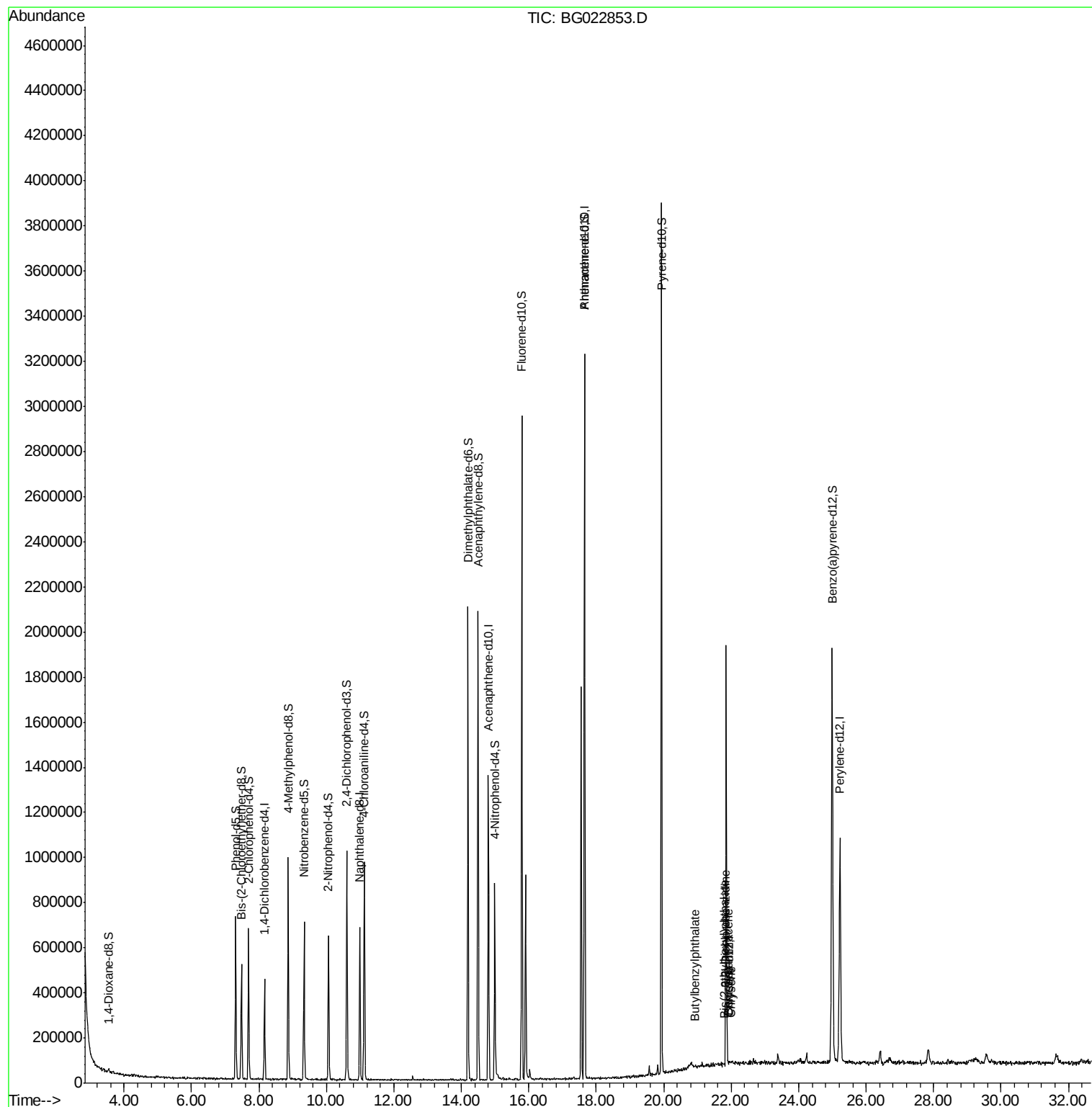
					Qvalue
78) Butylbenzylphthalate	20.92	149	209	3.78 ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.82	252	203	4.21 ng/ul#	26
80) Benzo(a)anthracene	21.90	228	769	5.15 ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.80	149	347	4.87 ng/ul#	9
82) Chrysene	21.98	228	193	1.42 ng/ul#	50

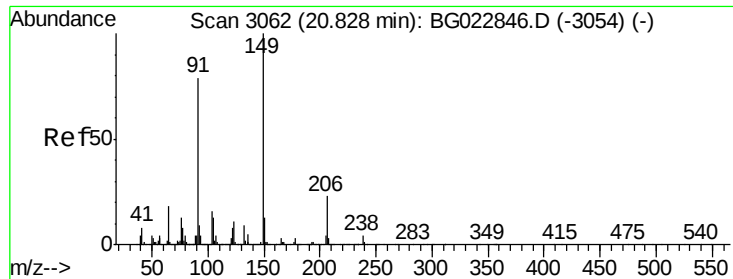
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#78

Butylbenzylphthalate

Concen: 3.78 ng/ul

RT: 20.92 min Scan# 3077

Delta R.T. 0.09 min

Lab File: BG022853.D

Acq: 5 Jul 2016 16:45

Instrument :

BNA_G

ClientSampleId :

SBLK84

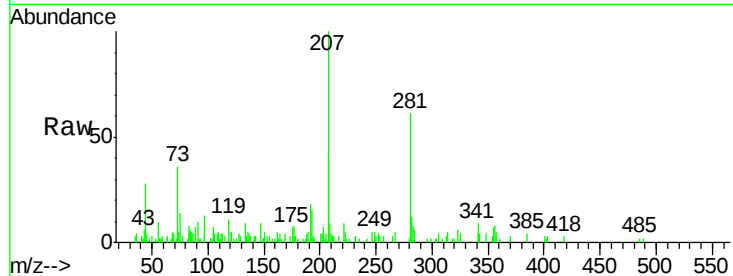
Tgt Ion:149 Resp: 209

Ion Ratio Lower Upper

149 100

91 231.6 54.2 81.4#

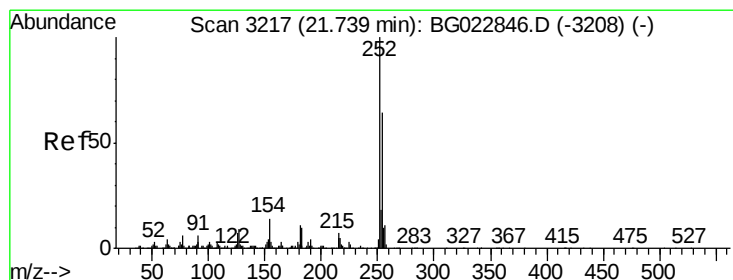
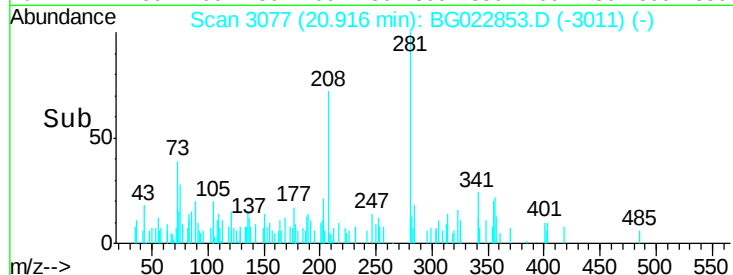
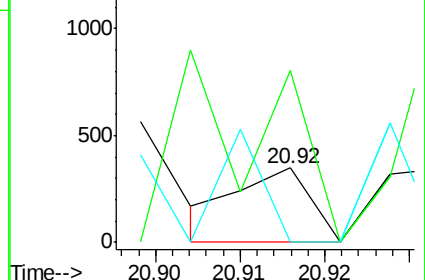
206 0.0 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 4.21 ng/ul

RT: 21.82 min Scan# 3231

Delta R.T. 0.08 min

Lab File: BG022853.D

Acq: 5 Jul 2016 16:45

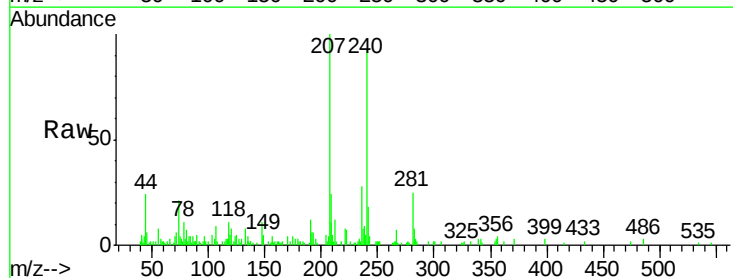
Tgt Ion:252 Resp: 203

Ion Ratio Lower Upper

252 100

254 0.0 51.4 77.2#

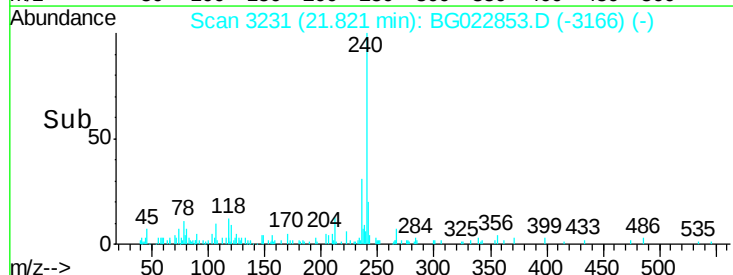
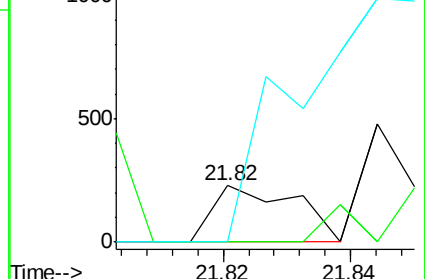
126 0.0 10.7 16.1#

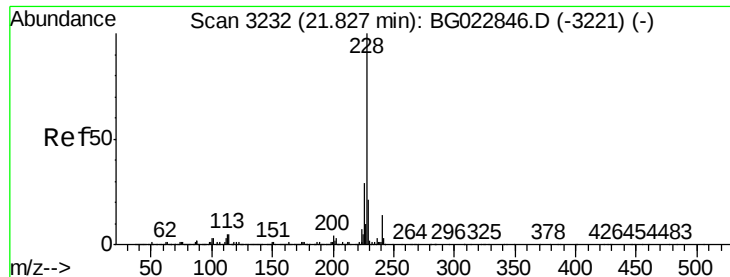


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 5.15 ng/ul

RT: 21.90 min Scan# 3245

Delta R.T. 0.08 min

Lab File: BG022853.D

Acq: 5 Jul 2016 16:45

Instrument :

BNA_G

ClientSampled :

SBLK84

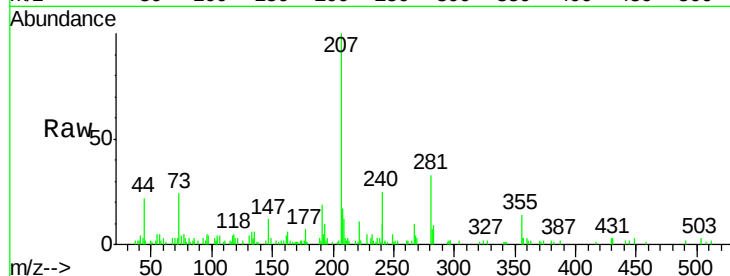
Tgt Ion:228 Resp: 769

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

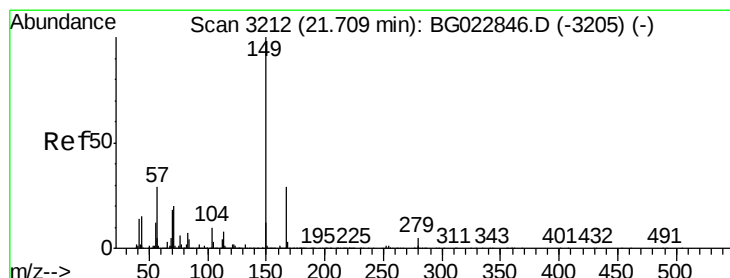
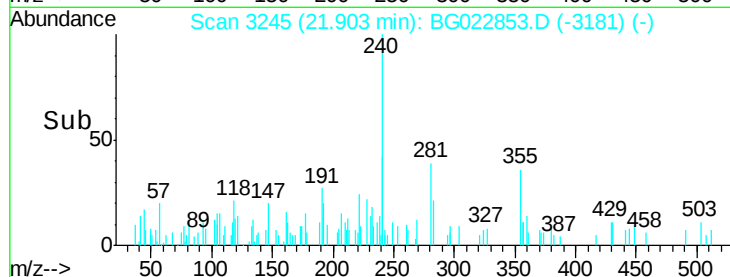
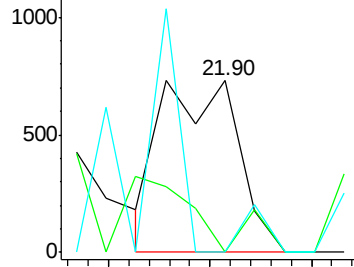
226 0.0 22.8 34.2#



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: 4.87 ng/ul

RT: 21.80 min Scan# 3227

Delta R.T. 0.09 min

Lab File: BG022853.D

Acq: 5 Jul 2016 16:45

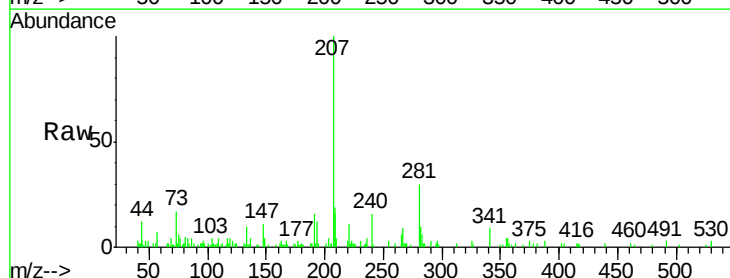
Tgt Ion:149 Resp: 347

Ion Ratio Lower Upper

149 100

167 80.4 21.9 32.9#

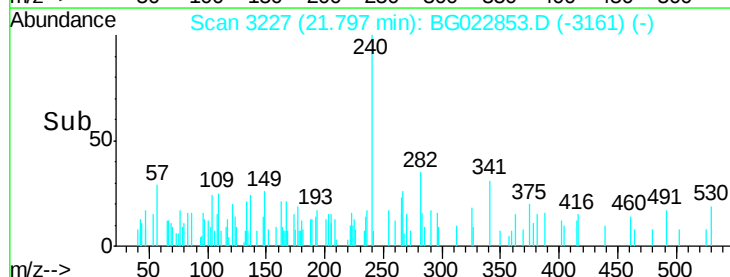
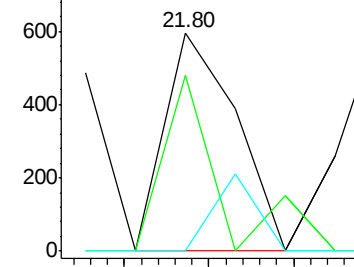
279 0.0 2.9 4.3#

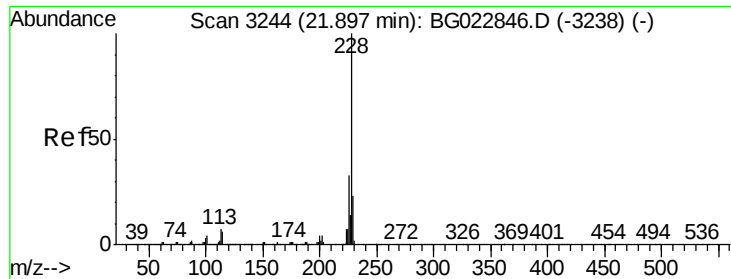


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.42 ng/ul

RT: 21.98 min Scan# 3258

Delta R.T. 0.08 min

Lab File: BG022853.D

Acq: 5 Jul 2016 16:45

Instrument :

BNA_G

ClientSampleId :

SBLK84

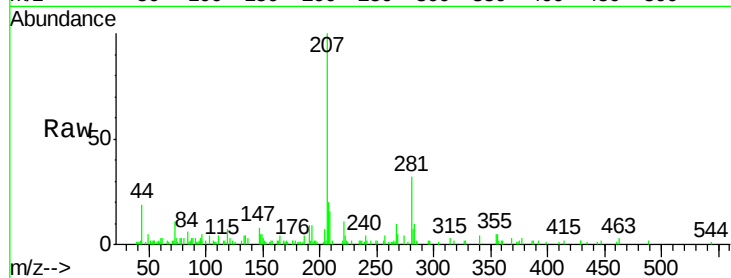
Tgt Ion:228 Resp: 193

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 0.0 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

