

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082016\
 Data File : BG023808.D
 Acq On : 20 Aug 2016 9:02
 Operator : UM/SJ
 Sample : H4496-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHPS8

Quant Time: Aug 22 03:42:57 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG081816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 22 03:42:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	116388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	492374	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	308829	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	761729	20.00	ng/ul	0.10
75) Chrysene-d12	21.98	240	887	20.00	ng/ul	0.14
83) Perylene-d12	25.24	264	745140	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	9611	3.75	ng/uL	0.00
5) Phenol-d5	7.25	99	233143	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	158311	21.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	165904	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	177156	20.76	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	83854	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	100507	22.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	175010	21.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	215904	21.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	577094	22.54	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	666929	23.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	67623	16.34	ng/ul	0.00
57) Fluorene-d10	15.77	176	504034	22.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	350	0.07	ng/ul	0.09
70) Anthracene-d10	17.73	188	848	0.02	ng/ul	0.10
76) Pyrene-d10	19.93	212	875004	20559.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	793514	23.26	ng/ul	0.01

Target Compounds

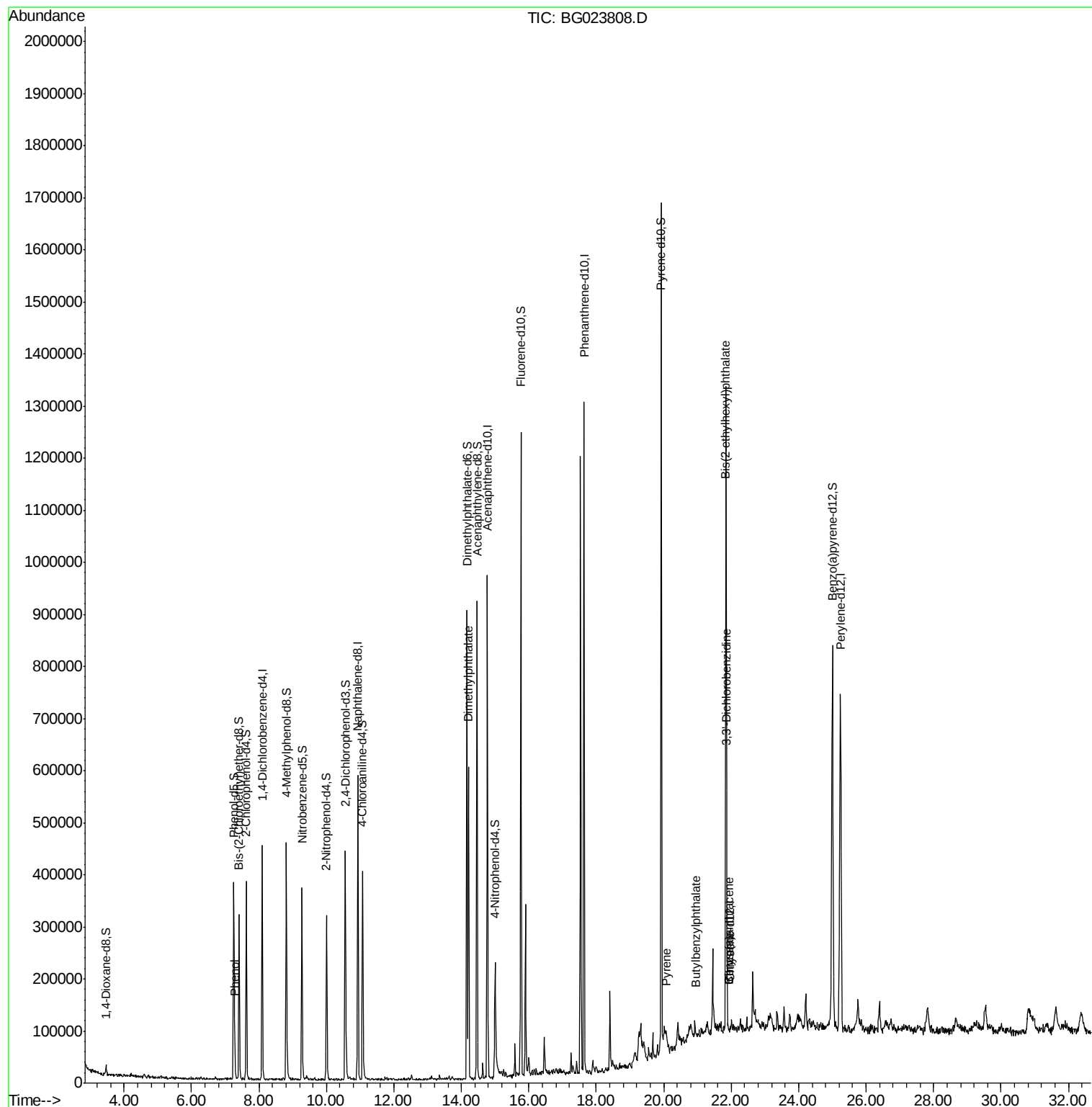
					Qvalue	
6) Phenol	7.28	94	21027	1.88	ng/ul#	68
44) Dimethylphthalate	14.21	163	377607	14.75	ng/ul	98
77) Pyrene	20.06	202	94	1.79	ng/ul#	65
78) Butylbenzylphthalate	20.95	149	155	6.54	ng/ul#	75
79) 3,3'-Dichlorobenzidine	21.87	252	346	19.63	ng/ul#	73
80) Benzo(a)anthracene	21.94	228	122	2.38	ng/ul#	51
81) Bis(2-ethylhexyl)phthalate	21.83	149	303	9.50	ng/ul#	81
82) Chrysene	21.94	228	122	2.64	ng/ul#	50

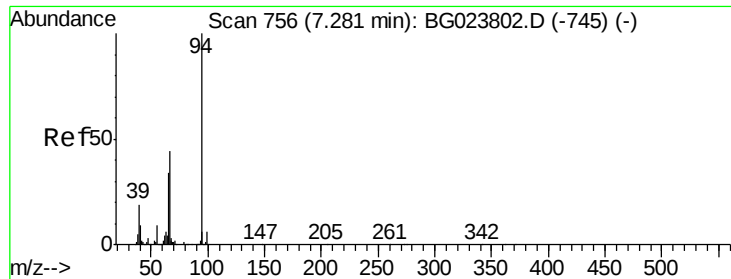
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.88 ng/ul

RT: 7.28 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG023808.D

Acq: 20 Aug 2016 9:02

Instrument :

BNA_G

ClientSampleId :

JHPS8

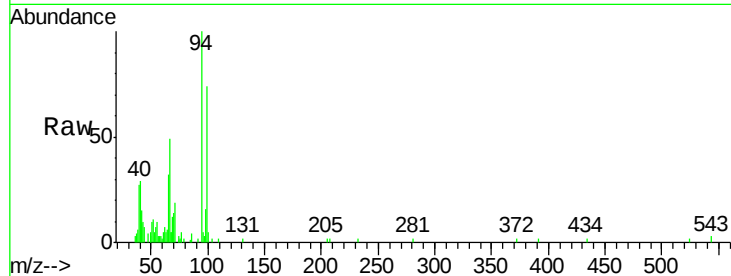
Tgt Ion: 94 Resp: 21027

Ion Ratio Lower Upper

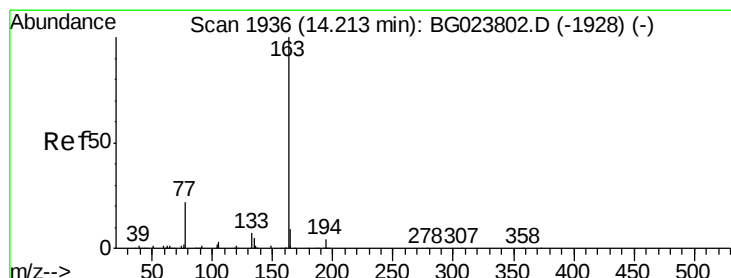
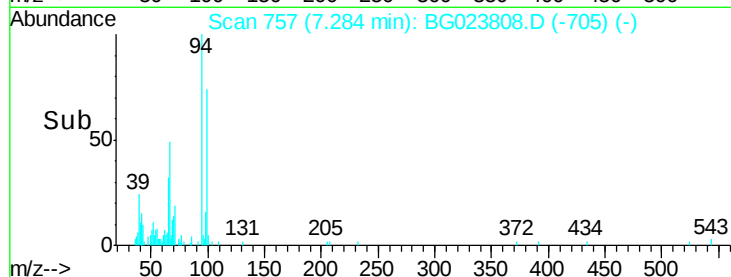
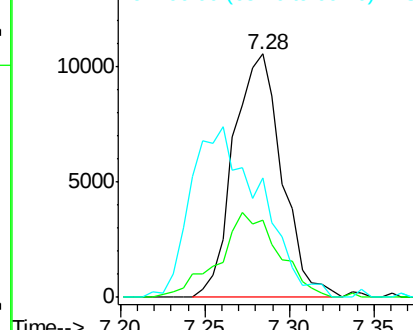
94 100

65 31.7 16.8 25.2#

66 49.2 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: 14.75 ng/ul

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023808.D

Acq: 20 Aug 2016 9:02

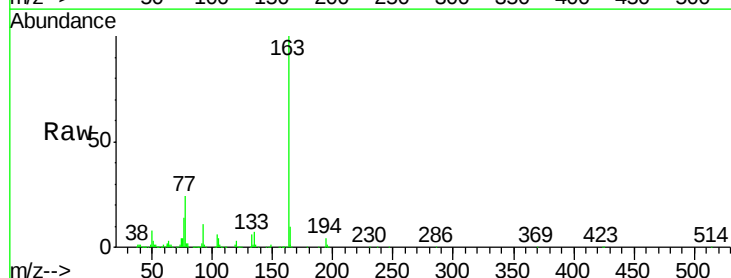
Tgt Ion: 163 Resp: 377607

Ion Ratio Lower Upper

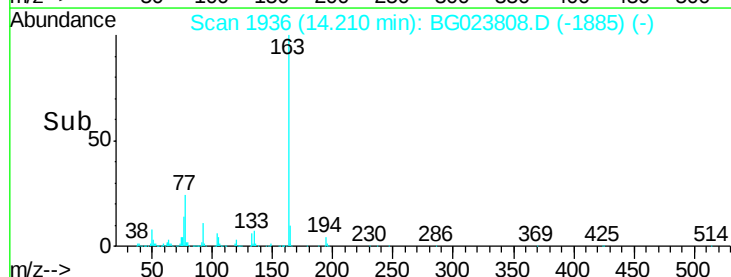
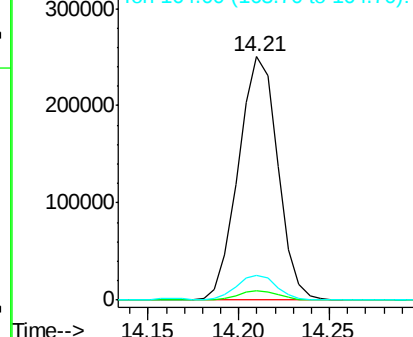
163 100

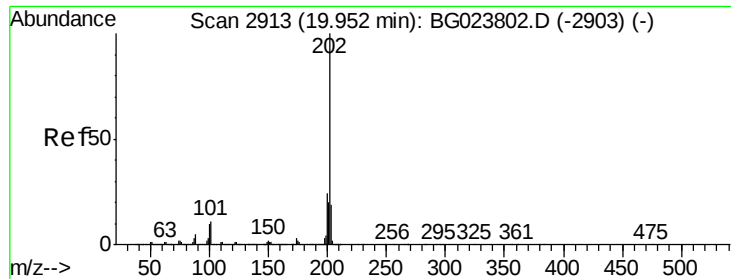
194 3.6 3.4 5.2

164 10.3 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: 1.79 ng/ul

RT: 20.06 min Scan# 2932

Delta R.T. 0.11 min

Lab File: BG023808.D

Acq: 20 Aug 2016 9:02

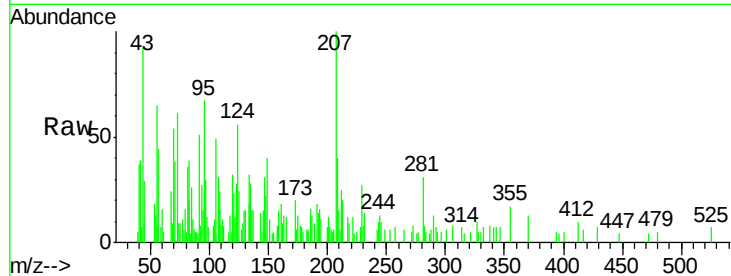
Instrument :

BNA_G

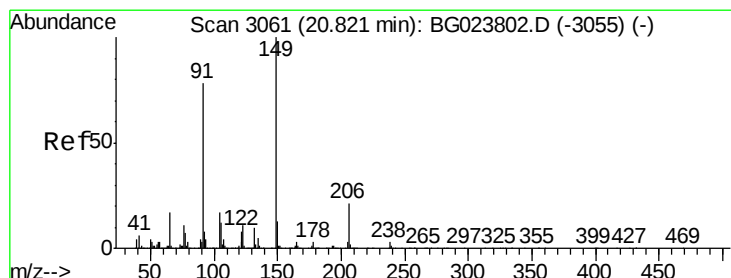
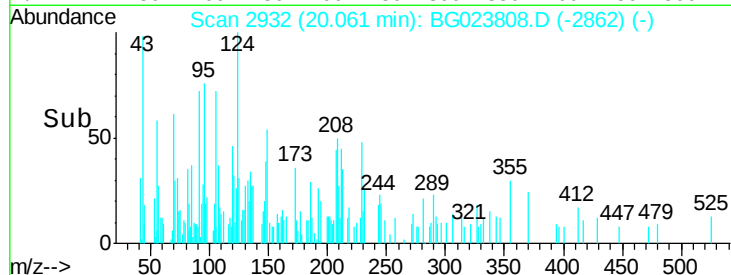
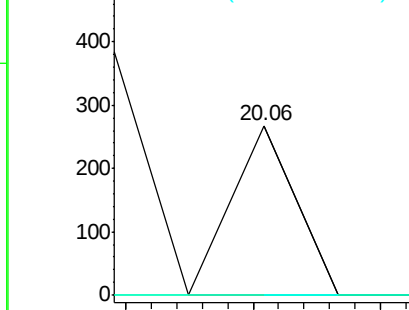
ClientSampleId :

JHPS8

Tgt Ion:	202	Resp:	94
Ion	Ratio	Lower	Upper
202	100		
101	0.0	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: 6.54 ng/ul

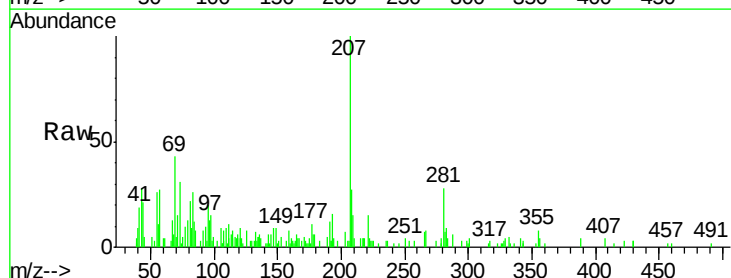
RT: 20.95 min Scan# 3084

Delta R.T. 0.13 min

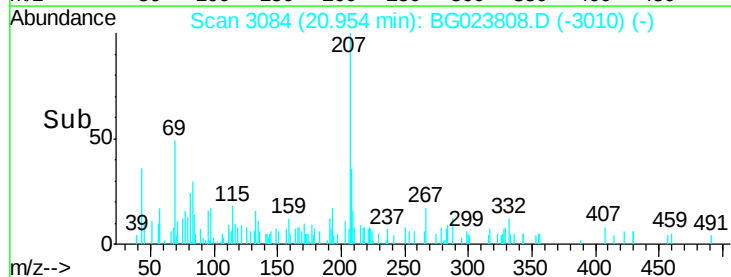
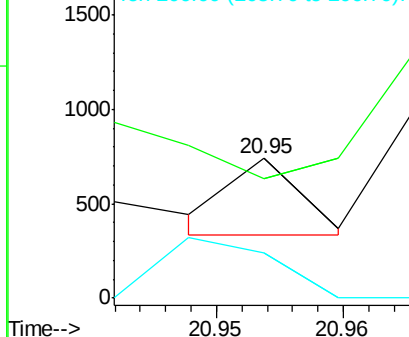
Lab File: BG023808.D

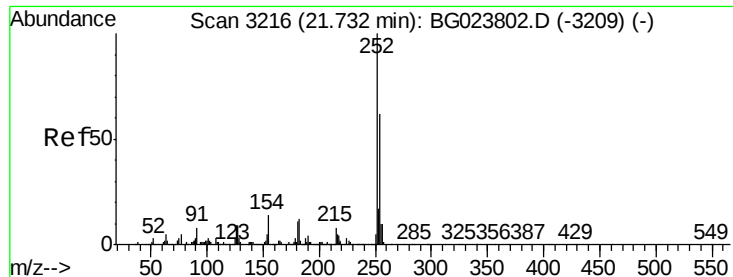
Acq: 20 Aug 2016 9:02

Tgt Ion:	149	Resp:	155
Ion	Ratio	Lower	Upper
149	100		
91	86.2	54.2	81.4#
206	32.4	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: 19.63 ng/ul

RT: 21.87 min Scan# 3240

Delta R.T. 0.14 min

Lab File: BG023808.D

Acq: 20 Aug 2016 9:02

Instrument :

BNA_G

ClientSampleId :

JHPS8

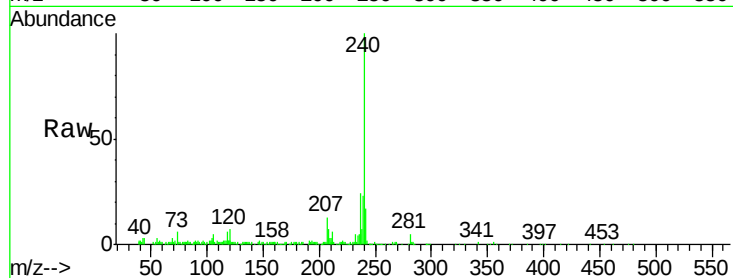
Tgt Ion:252 Resp: 346

Ion Ratio Lower Upper

252 100

254 54.8 51.4 77.2

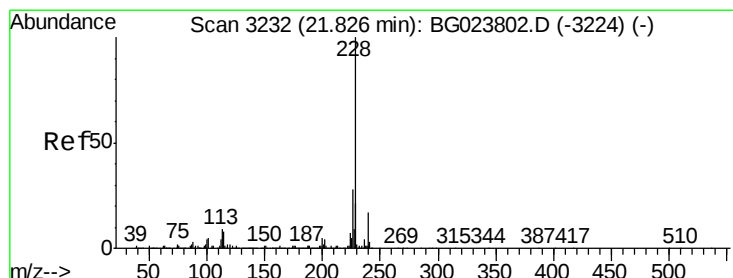
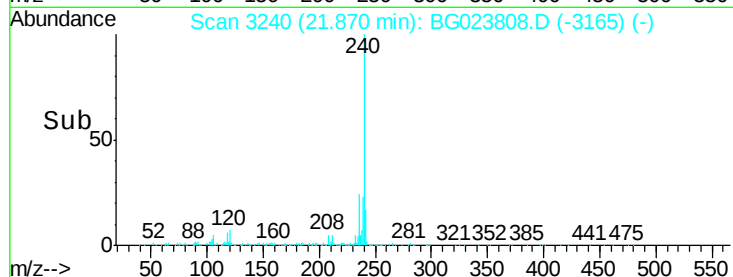
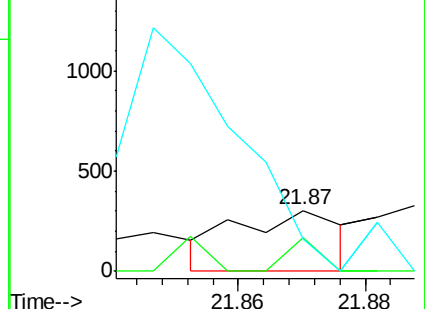
126 53.1 10.7 16.1#



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: 2.38 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. 0.11 min

Lab File: BG023808.D

Acq: 20 Aug 2016 9:02

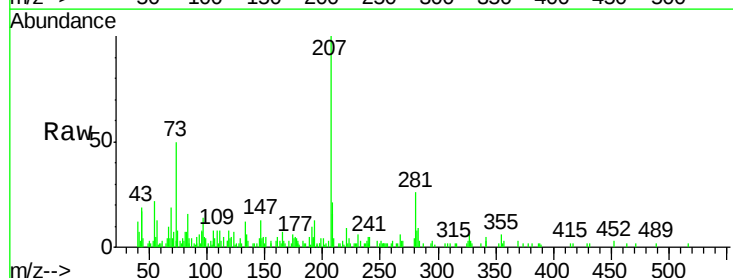
Tgt Ion:228 Resp: 122

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

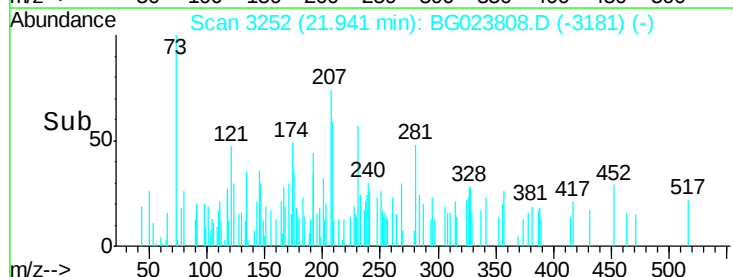
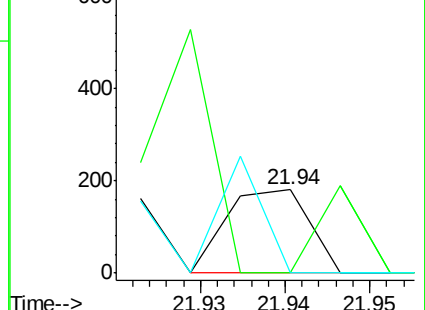
226 0.0 22.8 34.2#

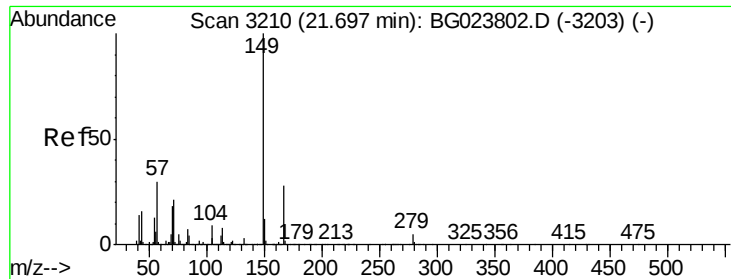


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

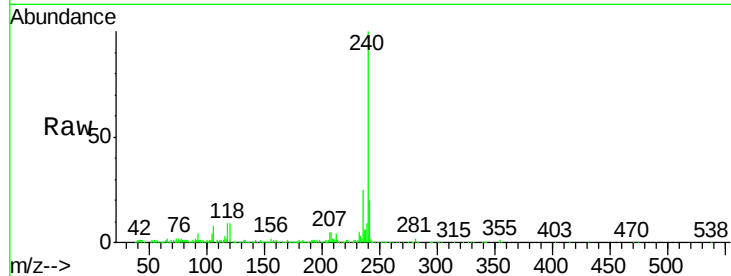




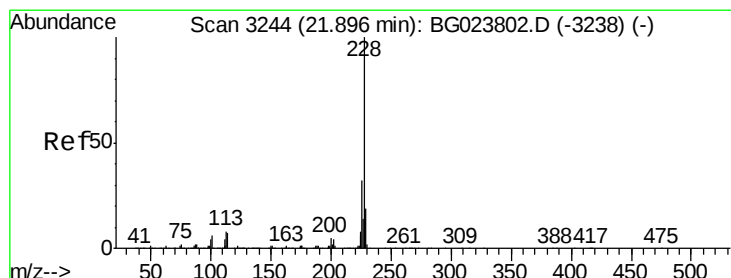
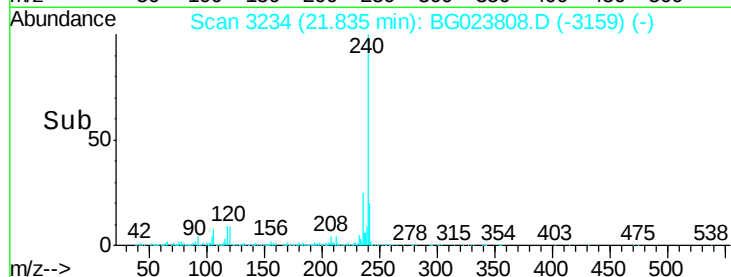
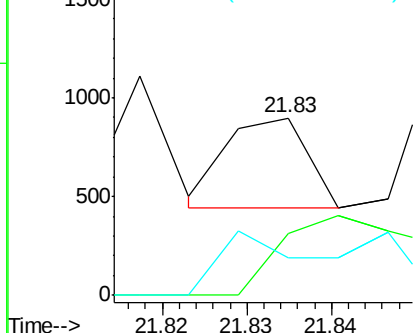
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 9.50 ng/ul
 RT: 21.83 min Scan# 3234
 Delta R.T. 0.14 min
 Lab File: BG023808.D
 Acq: 20 Aug 2016 9:02

Instrument :
 BNA_G
 ClientSampleId :
 JHPS8

Tgt Ion:149 Resp: 303
 Ion Ratio Lower Upper
 149 100
 167 35.0 21.9 32.9#
 279 20.9 2.9 4.3#

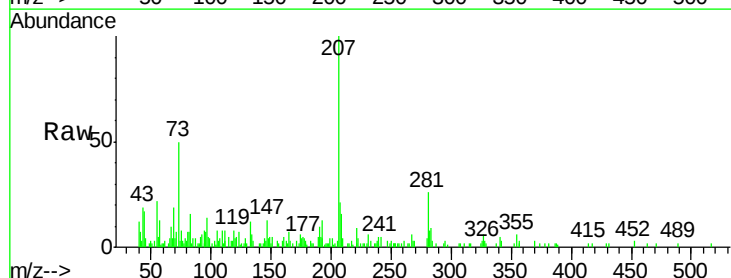


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#82
 Chrysene
 Concen: 2.64 ng/ul
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.04 min
 Lab File: BG023808.D
 Acq: 20 Aug 2016 9:02

Tgt Ion:228 Resp: 122
 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

