

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022837.D
 Acq On : 3 Jul 2016 20:32
 Operator : UM/SJ
 Sample : H3844-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 04:19:38 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 04:18:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	161025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	683974	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	561257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1895608	20.00	ng/ul	0.10
75) Chrysene-d12	21.99	240	2701	20.00	ng/ul	0.14
83) Perylene-d12	25.23	264	1590382	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8500	2.95	ng/uL	0.00
5) Phenol-d5	7.31	99	458127	27.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	286305	29.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	302572	26.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	353423	26.86	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	157207	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	192456	29.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	381003	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	480548	41.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1348078	29.57	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1517123	29.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	225680	31.52	ng/ul	0.00
57) Fluorene-d10	15.80	176	1292462	29.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	949	0.08	ng/ul	0.11
70) Anthracene-d10	17.65	188	1895608	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	2218130	17190.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	2333139	30.88	ng/ul	0.00

Target Compounds

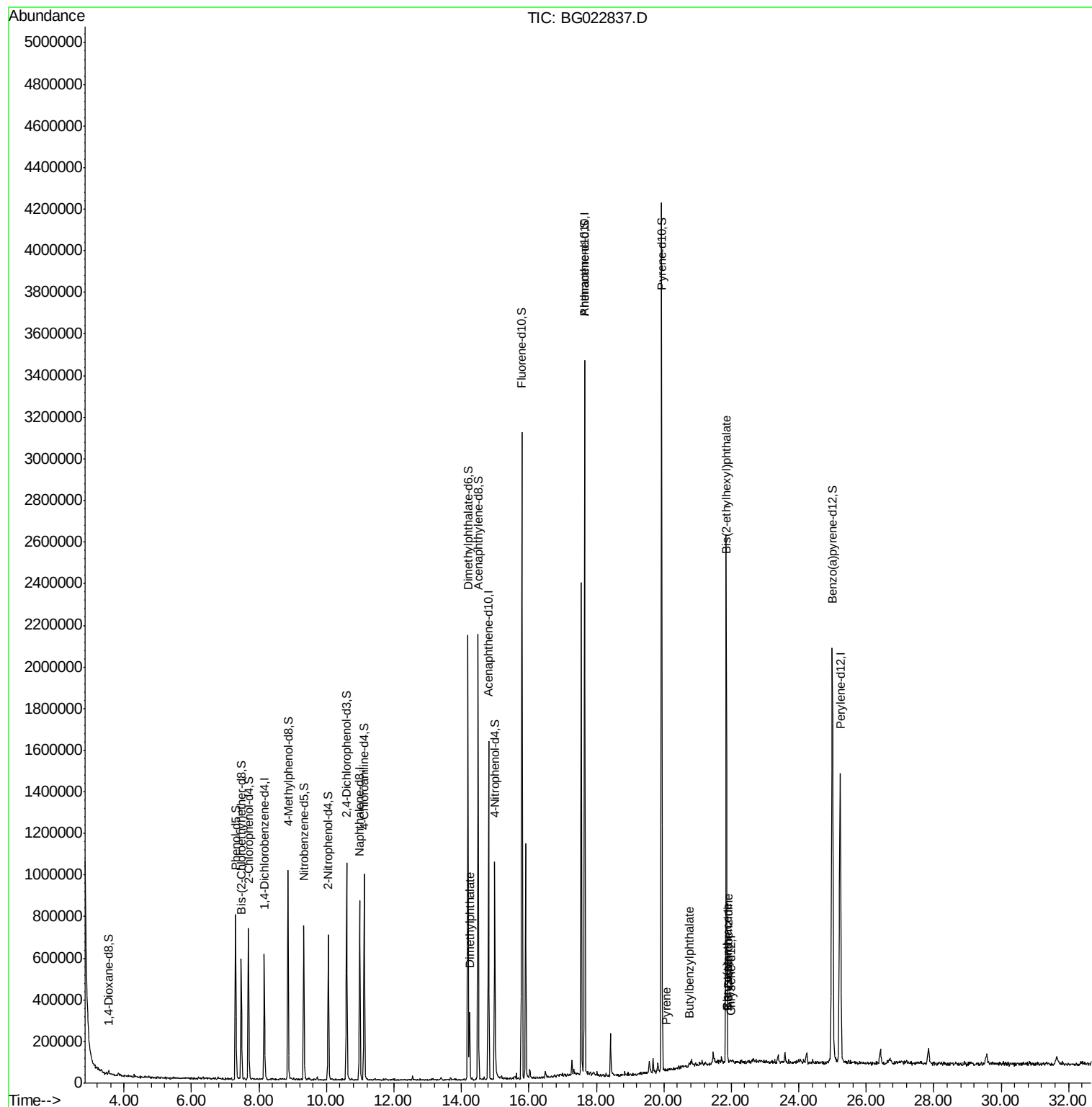
						Ovalue
44) Dimethylphthalate	14.24	163	195612	4.20	ng/ul	97
77) Pyrene	20.08	202	189	1.25	ng/ul#	1
78) Butylbenzylphthalate	20.77	149	1097	18.71	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.91	252	70	1.37	ng/ul#	1
80) Benzo(a)anthracene	21.90	228	14868	93.85	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.84	149	827	10.93	ng/ul#	1
82) Chrysene	21.90	228	14868	103.10	ng/ul	96

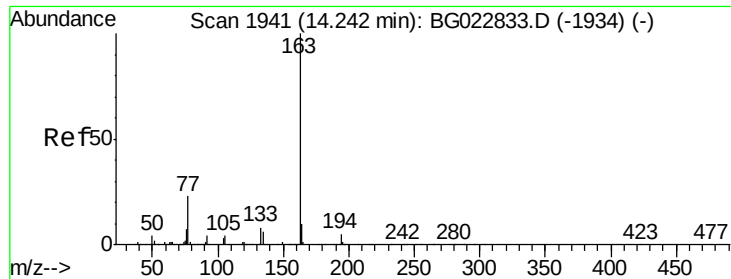
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 4.20 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

Instrument :

BNA_G

ClientSampleId :

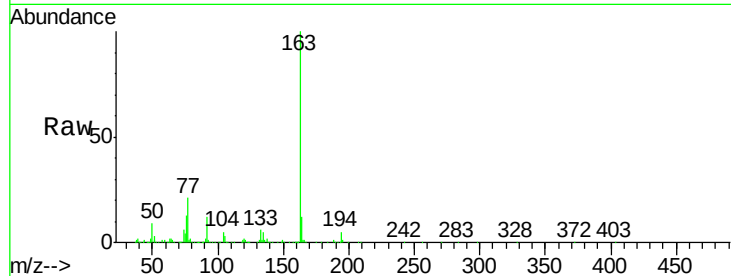
Tot Ion:163 Resp: 195612

Ion Ratio Lower Upper

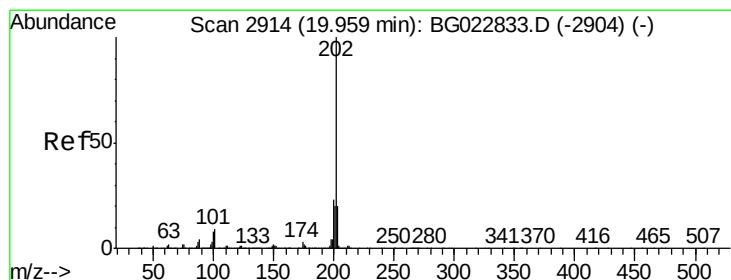
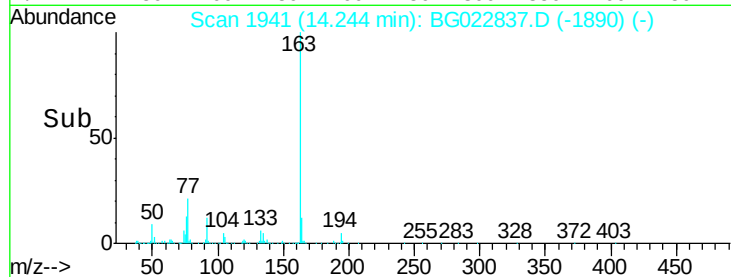
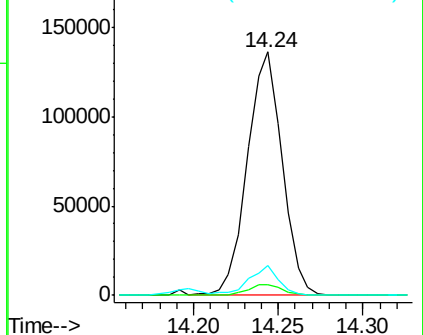
163 100

194 4.6 3.4 5.2

164 12.3 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: 1.25 ng/ul

RT: 20.08 min Scan# 2934

Delta R.T. 0.12 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

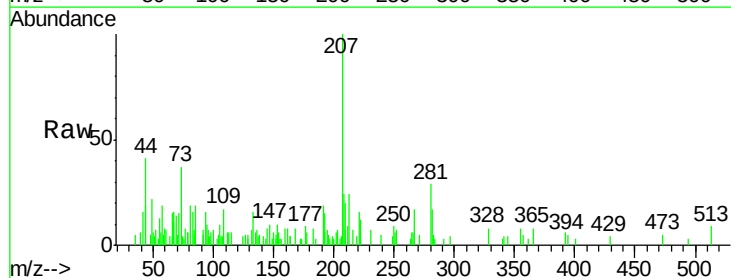
Tgt Ion:202 Resp: 189

Ion Ratio Lower Upper

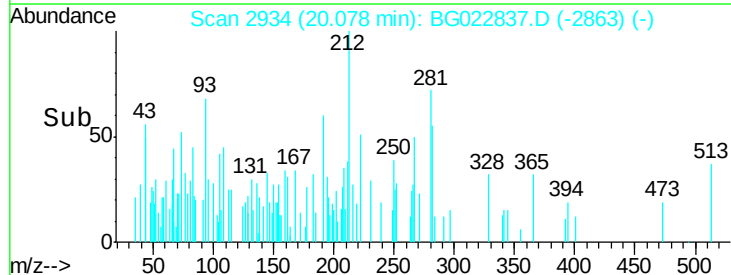
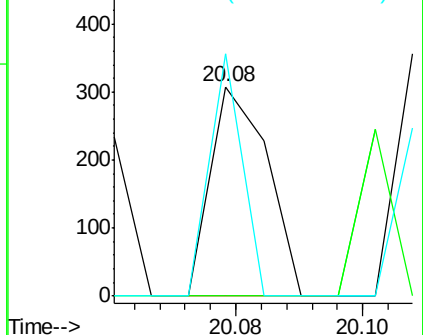
202 100

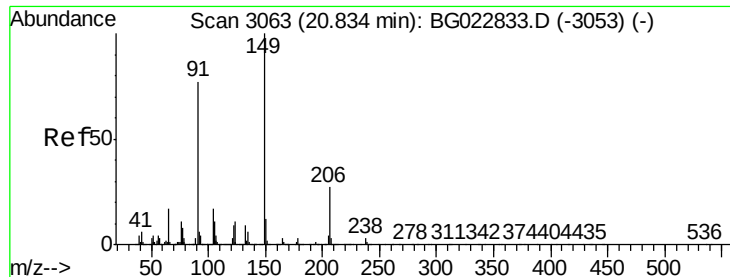
101 0.0 12.5 18.7#

100 115.6 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): B





#78

Butylbenzylphthalate

Concen: 18.71 ng/ul

RT: 20.77 min Scan# 3051

Delta R.T. -0.07 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

Instrument :

BNA_G

ClientSampleId :

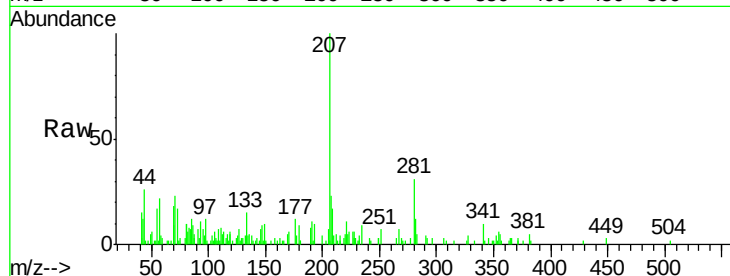
Tot Ion:149 Resp: 1097

Ion Ratio Lower Upper

149 100

91 71.9 54.2 81.4

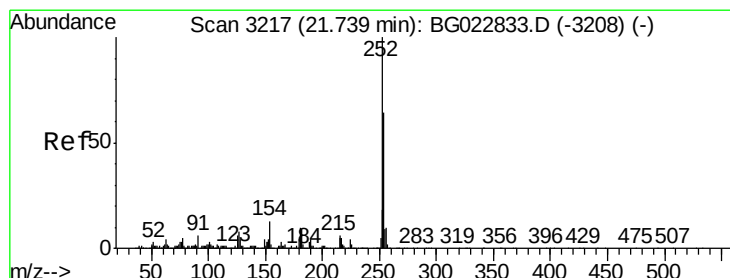
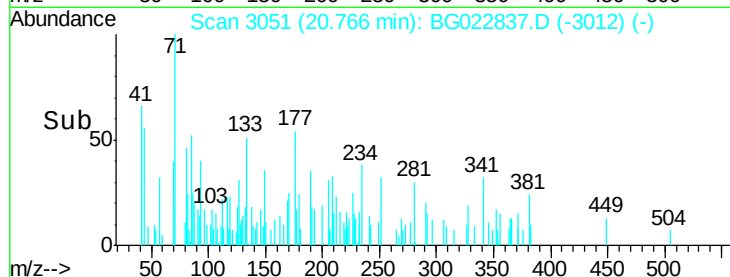
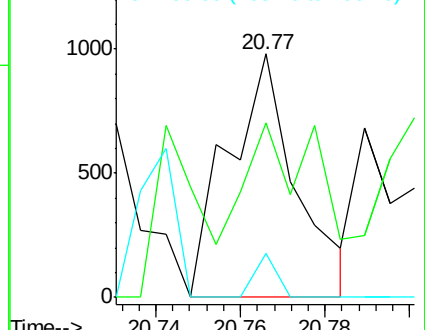
206 18.2 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 1.37 ng/ul

RT: 21.91 min Scan# 3245

Delta R.T. 0.17 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

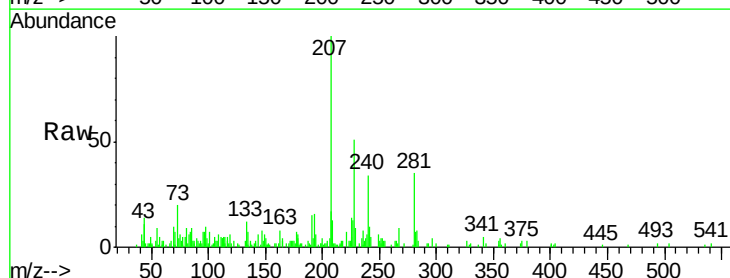
Tgt Ion:252 Resp: 70

Ion Ratio Lower Upper

252 100

254 192.5 51.4 77.2#

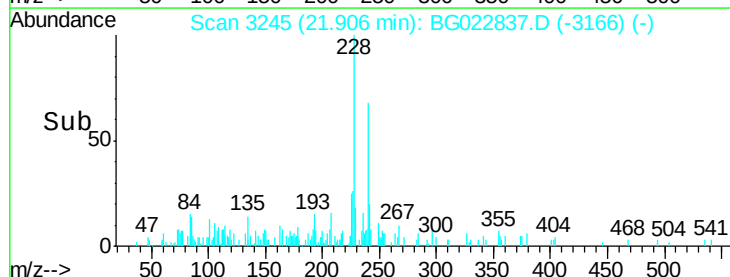
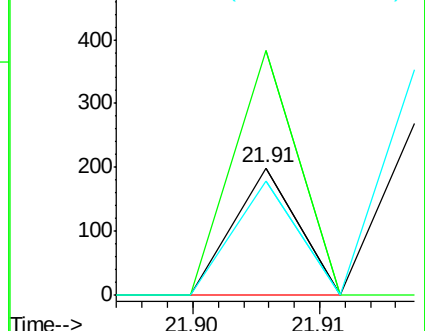
126 89.9 10.7 16.1#

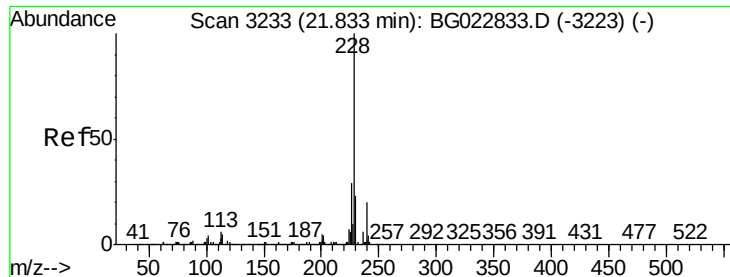


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 93.85 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.07 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

Instrument :

BNA_G

ClientSampleId :

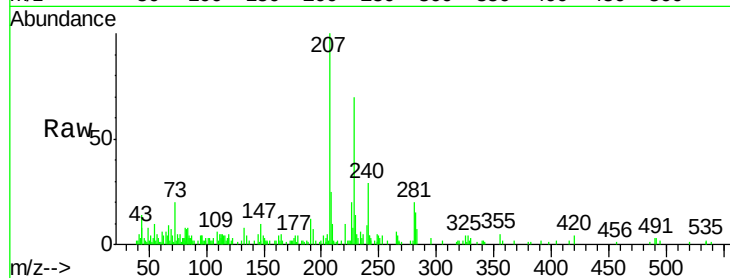
Tot Ion:228 Resp: 14868

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.2

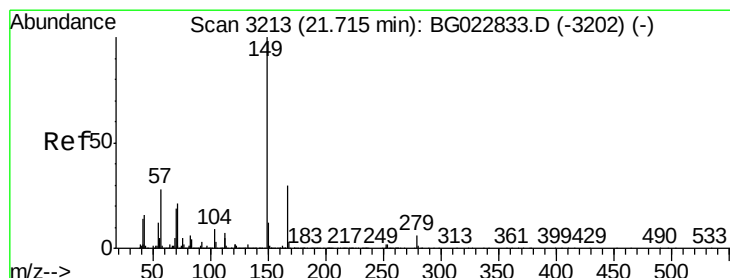
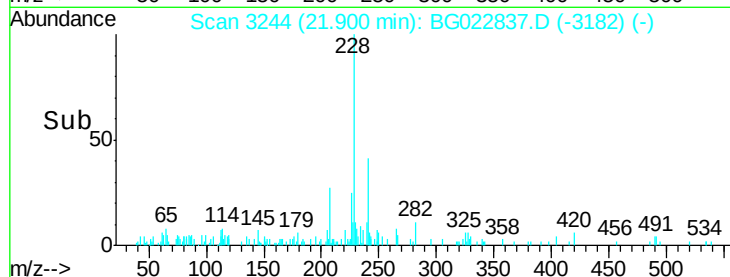
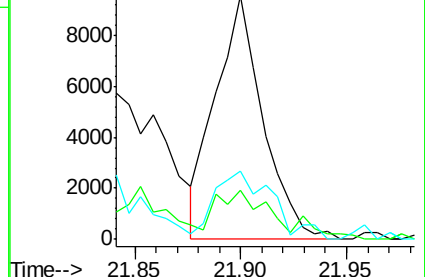
226 27.8 22.8 34.2



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: 10.93 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.13 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

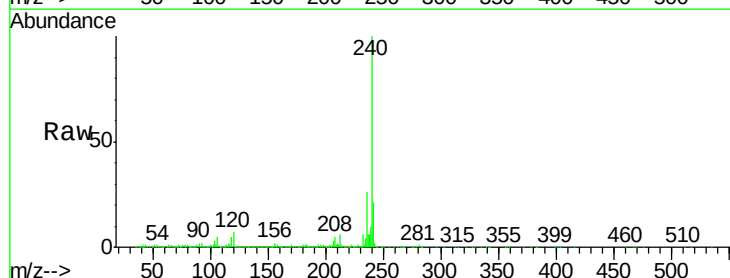
Tgt Ion:149 Resp: 827

Ion Ratio Lower Upper

149 100

167 105.5 21.9 32.9#

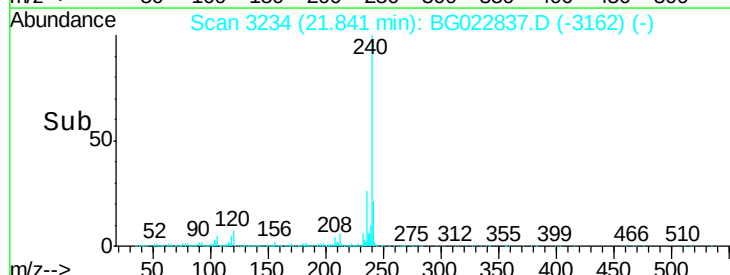
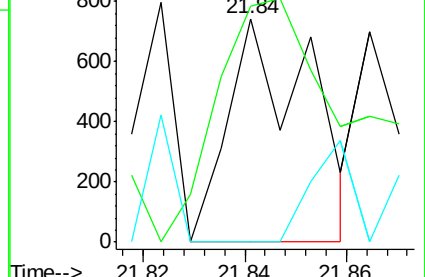
279 0.0 2.9 4.3#

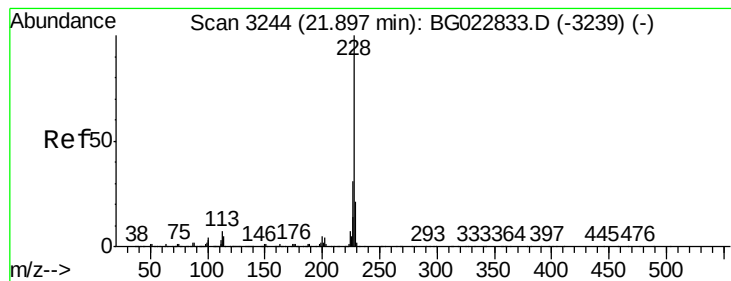


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrvsene

Concen: 103.10 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. 0.00 min

Lab File: BG022837.D

Acq: 3 Jul 2016 20:32

Instrument :

BNA_G

ClientSampleId :

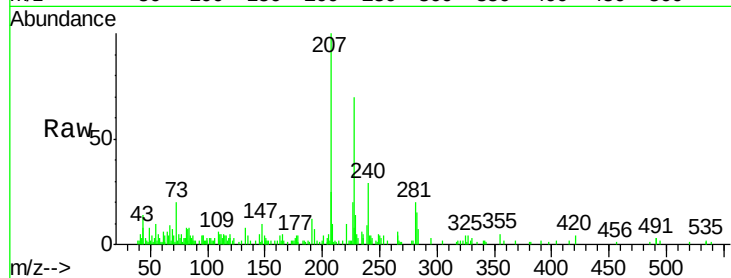
Tot Ion:228 Resp: 14868

Ion Ratio Lower Upper

228 100

226 27.8 24.2 36.4

229 20.2 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

