

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022842.D
 Acq On : 3 Jul 2016 23:52
 Operator : UM/SJ
 Sample : PB91784BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 04 04:20:19 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

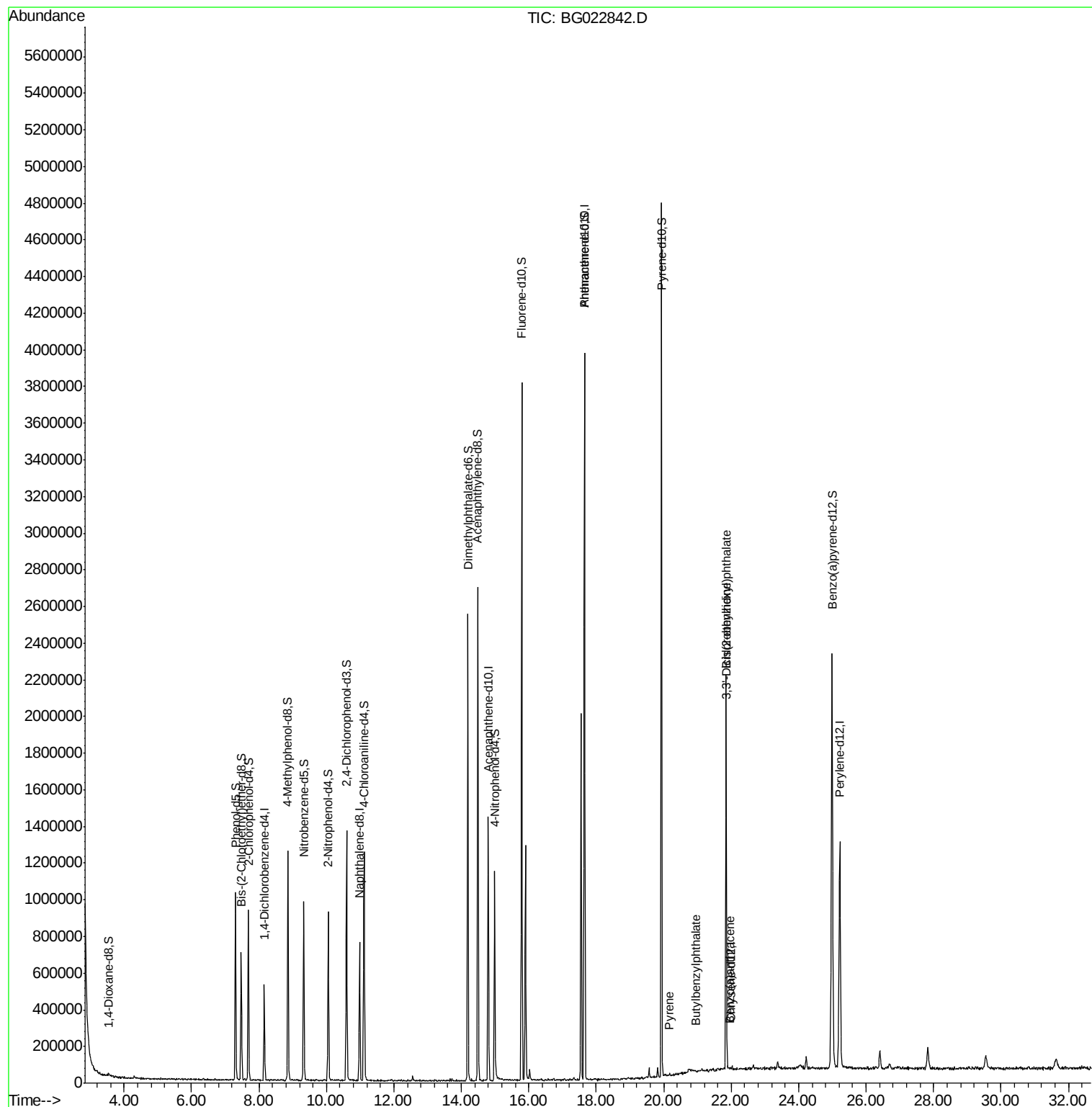
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	137788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	613435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	496196	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	2213000	20.00	ng/ul	0.10
75) Chrysene-d12	21.97	240	1476	20.00	ng/ul	0.12
83) Perylene-d12	25.22	264	1340220	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	10943	4.44	ng/uL	0.00
5) Phenol-d5	7.30	99	585268	40.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	367544	44.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	384418	39.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	454302	40.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	208316	42.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	246682	41.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	474541	38.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	613443	58.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1587016	39.37	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1815346	39.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	243144	38.42	ng/ul	0.00
57) Fluorene-d10	15.79	176	1525819	39.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	3676	0.26	ng/ul	0.06
70) Anthracene-d10	17.65	188	2213000	21.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	2494287	35373.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	2644993	41.54	ng/ul	0.00
Target Compounds						
77) Pvrene	20.15	202	287	3.47	ng/ul#	65
78) Butylbenzylphthalate	20.95	149	967	30.18	ng/ul#	58
79) 3,3'-Dichlorobenzidine	21.86	252	172	6.15	ng/ul#	1
80) Benzo(a)anthracene	21.96	228	95	1.10	ng/ul#	20
81) Bis(2-ethylhexyl)phthalate	21.84	149	341	8.25	ng/ul#	67

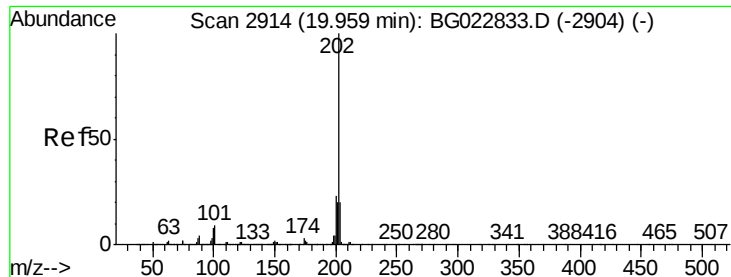
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Pvrene

Concen: 3.47 ng/ul

RT: 20.15 min Scan# 2946

Delta R.T. 0.19 min

Lab File: BG022842.D

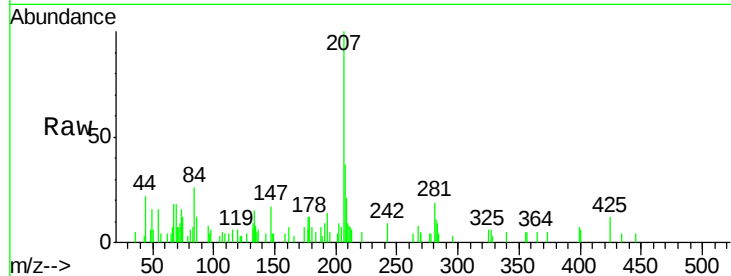
Acq: 3 Jul 2016 23:52

Instrument :

BNA_G

ClientSampled :

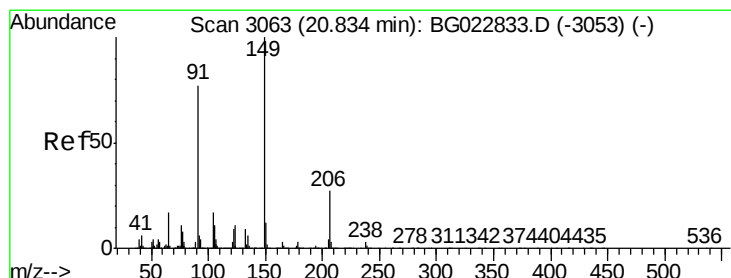
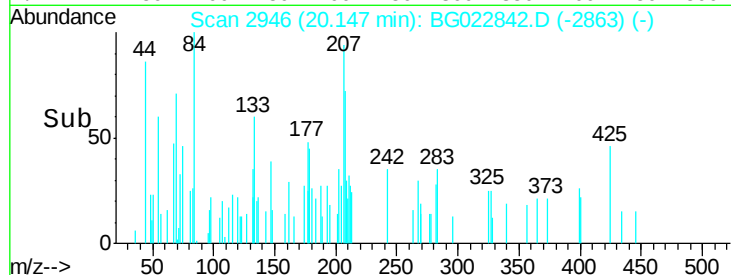
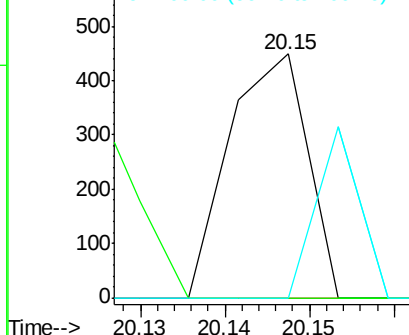
Tot Ion:	202	Resp:	287
Ion	Ratio	Lower	Upper
202	100		
101	0.0	12.5	18.7#
100	0.0	10.2	15.4#



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): B



#78

Butylbenzylphthalate

Concen: 30.18 ng/ul

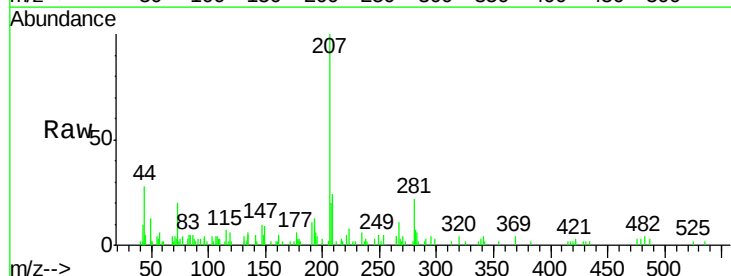
RT: 20.95 min Scan# 3082

Delta R.T. 0.11 min

Lab File: BG022842.D

Acq: 3 Jul 2016 23:52

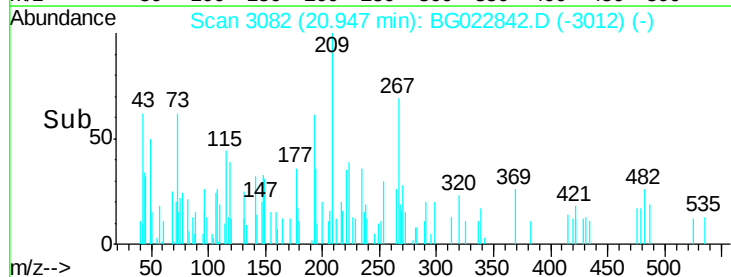
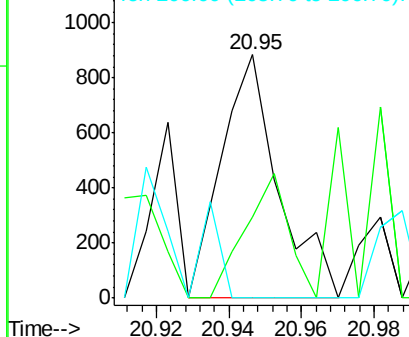
Tgt Ion:	149	Resp:	967
Ion	Ratio	Lower	Upper
149	100		
91	33.0	54.2	81.4#
206	0.0	14.1	21.1#

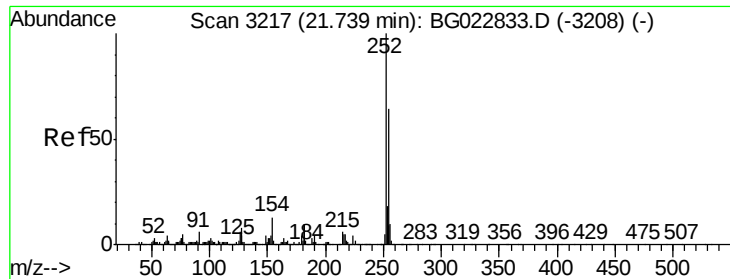


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

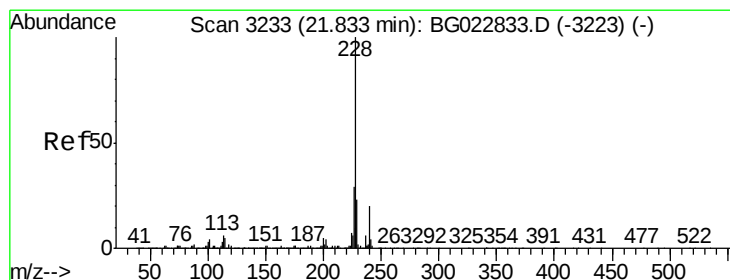
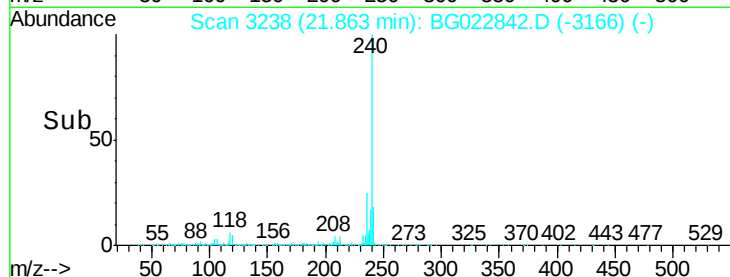
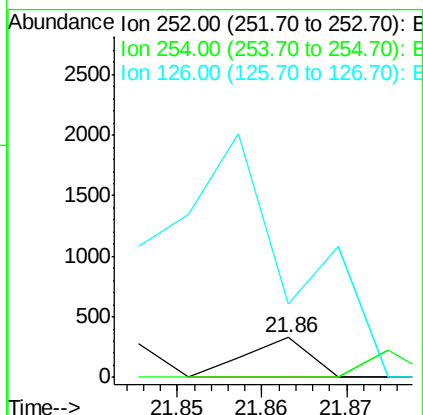
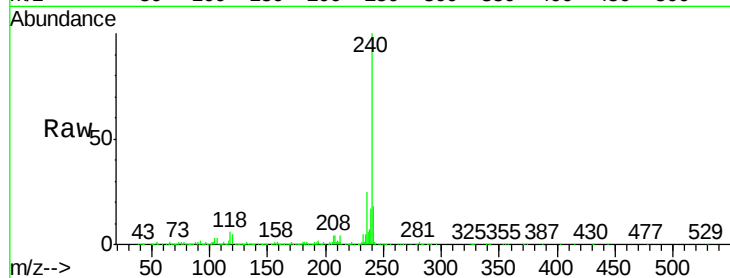




#79
 3,3'-Dichlorobenzidine
 Concen: 6.15 ng/ul
 RT: 21.86 min Scan# 3238
 Delta R.T. 0.12 min
 Lab File: BG022842.D
 Acq: 3 Jul 2016 23:52

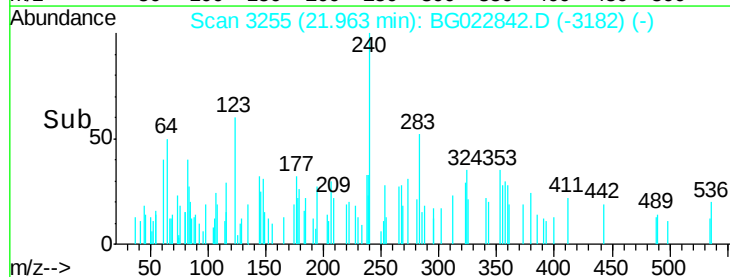
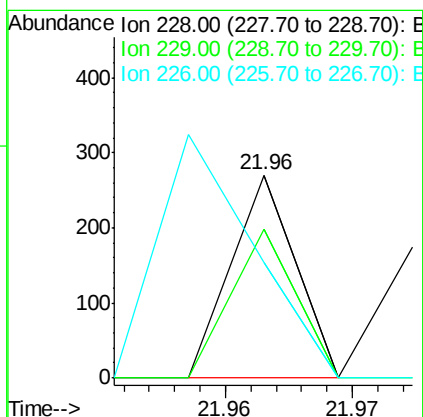
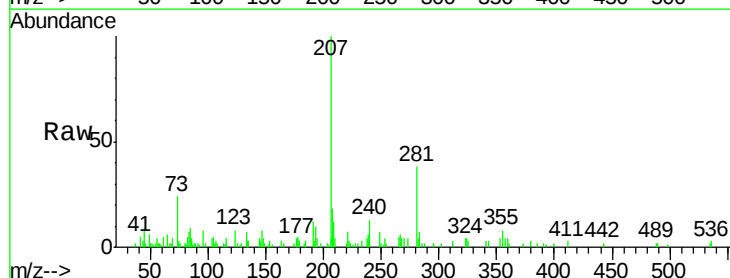
Instrument :
 BNA_G
 ClientSampled :

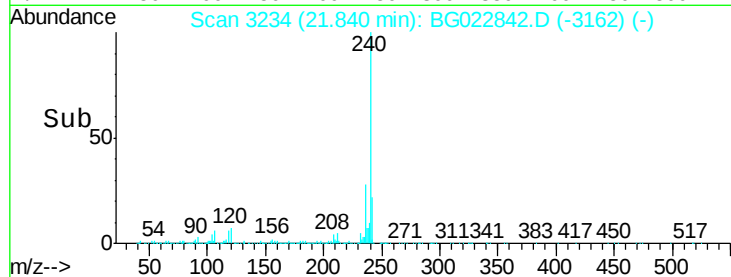
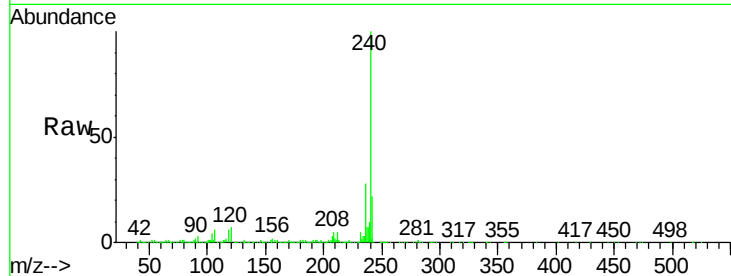
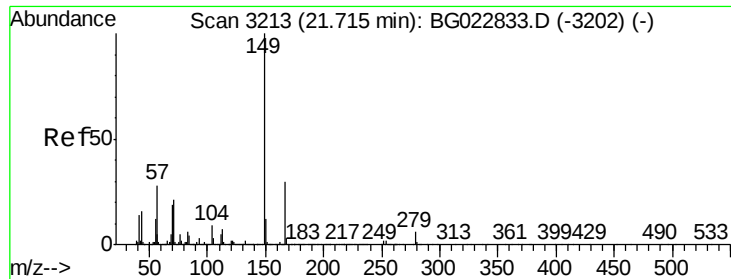
Tot Ion:252 Resp: 172
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.2#
 126 91.2 10.7 16.1#



#80
 Benzo(a)anthracene
 Concen: 1.10 ng/ul
 RT: 21.96 min Scan# 3255
 Delta R.T. 0.13 min
 Lab File: BG022842.D
 Acq: 3 Jul 2016 23:52

Tgt Ion:228 Resp: 95
 Ion Ratio Lower Upper
 228 100
 229 73.3 15.4 23.2#
 226 56.7 22.8 34.2#





#81

Bis(2-ethylhexyl)phthalate

Concen: 8.25 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.12 min

Lab File: BG022842.D

Acq: 3 Jul 2016 23:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 341

Ion Ratio Lower Upper

149 100

167 41.6 21.9 32.9#

279 29.4 2.9 4.3#

