

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018239.D
 Acq On : 2 Aug 2015 22:50
 Operator : TP
 Sample : G3073-13RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01R1RE

Quant Time: Aug 03 06:05:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	111218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	464978	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	294659	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	547312	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	383256	20.00	ng/ul	0.01
86) Perylene-d12	23.32	264	327581	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	3912	2.66	ng/uL	0.01
5) Phenol-d5	6.69	99	153656	15.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.82	67	75607	14.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	135788	17.98	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	123843	15.21	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	70628	19.28	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	72046	17.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	145714	19.61	ng/ul	0.02
29) 4-Chloroaniline-d4	10.41	131	110725	11.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	433862	19.05	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	465712	17.64	ng/ul	0.01
52) 4-Nitrophenol-d4	14.41	143	50155	11.90	ng/ul	0.02
58) Fluorene-d10	15.16	176	324457	15.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	5964	1.56	ng/ul	0.02
71) Anthracene-d10	17.02	188	400154	16.81	ng/ul	0.01
79) Pyrene-d10	19.33	212	291616	15.73	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	230918	13.94	ng/ul	0.03

Target Compounds

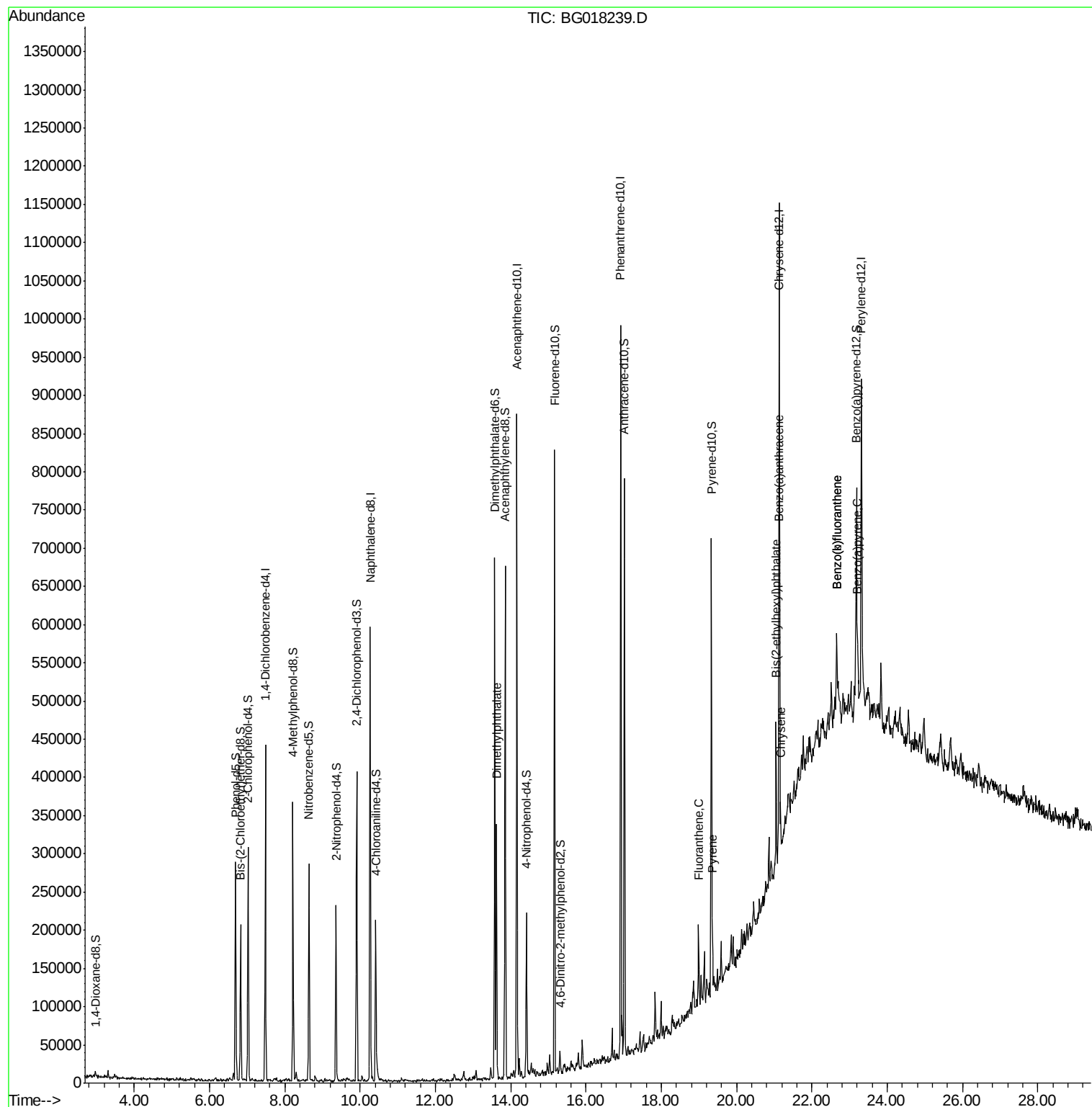
						Qvalue
45) Dimethylphthalate	13.62	163	195233	8.62	ng/ul	99
77) Fluoranthene	18.99	202	60721	1.99	ng/ul#	93
80) Pyrene	19.36	202	55203	2.37	ng/ul#	90
83) Benzo(a)anthracene	21.11	228	27456	1.33	ng/ul#	90
84) Bis(2-ethylhexyl)phthalate	21.05	149	63590	4.99	ng/ul	96
85) Chrysene	21.16	228	31029	1.64	ng/ul#	87
88) Benzo(b)fluoranthene	22.66	252	65643	3.34	ng/ul#	95
89) Benzo(k)fluoranthene	22.66	252	65643	3.63	ng/ul#	94
91) Benzo(a)pyrene	23.22	252	24286	1.38	ng/ul#	73

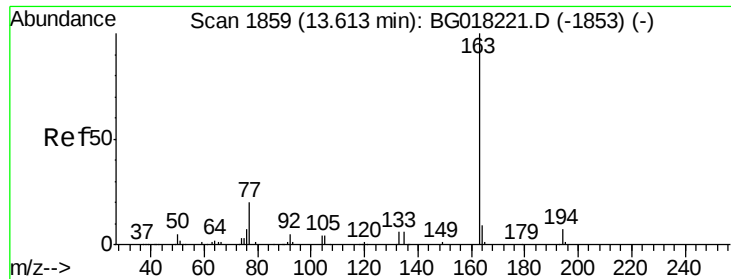
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

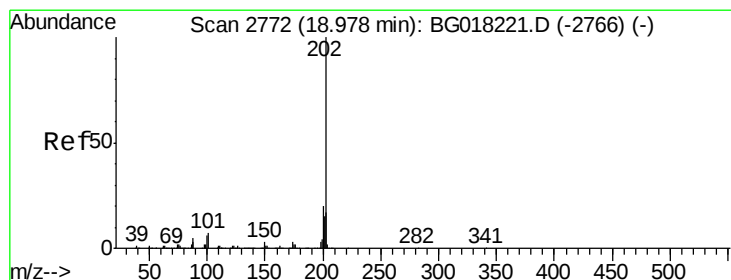
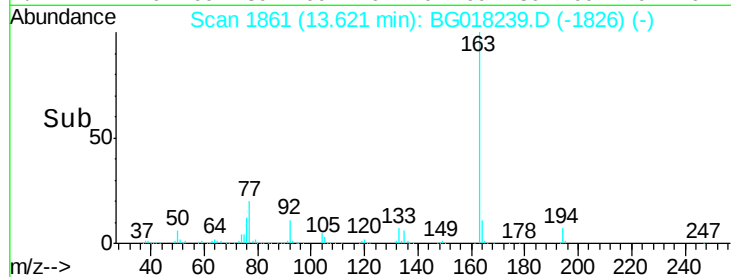
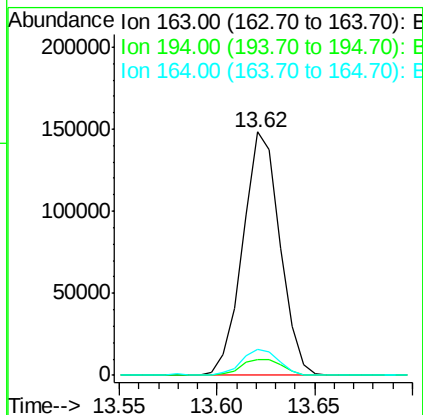
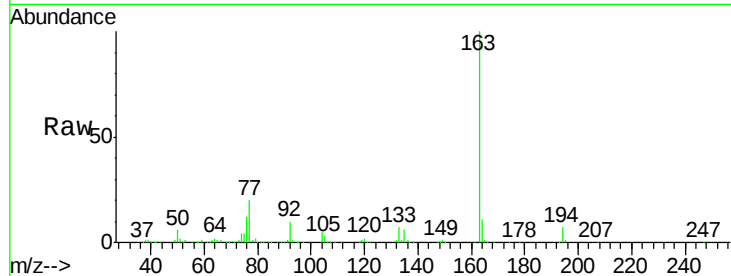




#45
Dimethylphthalate
Concen: 8.62 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018239.D
Acq: 2 Aug 2015 22:50

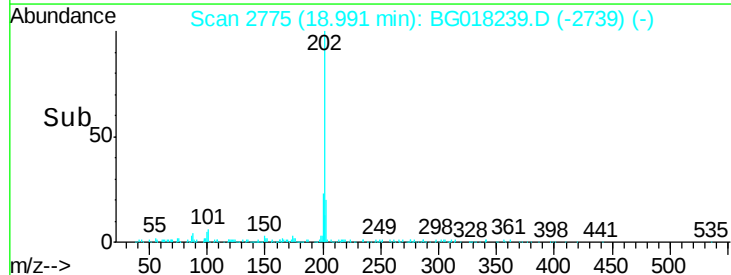
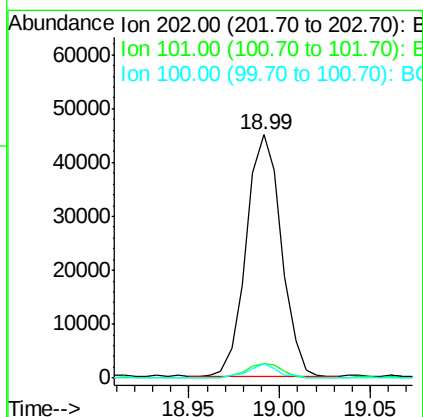
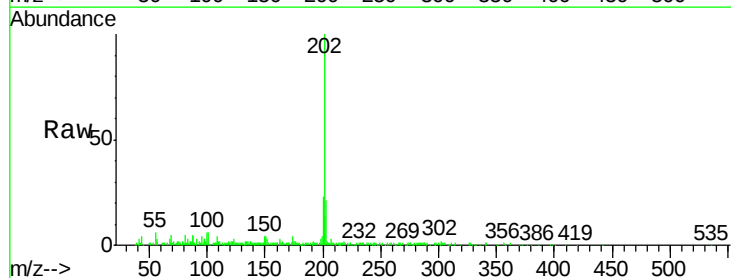
Instrument :
BNA_G
ClientSampleId :
C01R1RE

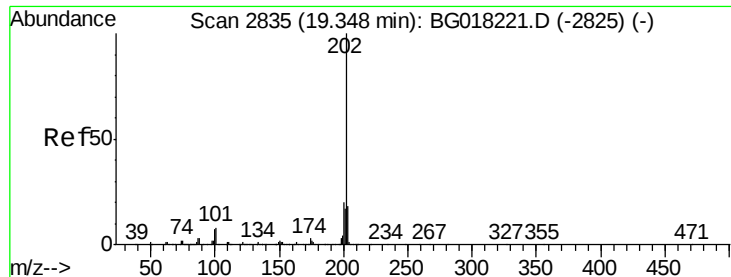
Tgt Ion:163 Resp: 195233
Ion Ratio Lower Upper
163 100
194 6.6 5.2 7.8
164 10.8 8.4 12.6



#77
Fluoranthene
Concen: 1.99 ng/ul
RT: 18.99 min Scan# 2775
Delta R.T. 0.01 min
Lab File: BG018239.D
Acq: 2 Aug 2015 22:50

Tgt Ion:202 Resp: 60721
Ion Ratio Lower Upper
202 100
101 6.1 7.5 11.3#
100 5.7 5.5 8.3





#80

Pyrene

Concen: 2.37 ng/ul

RT: 19.36 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

C01R1RE

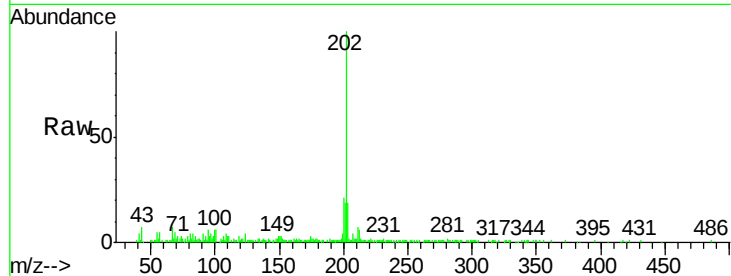
Tgt Ion:202 Resp: 55203

Ion Ratio Lower Upper

202 100

101 6.1 8.1 12.1#

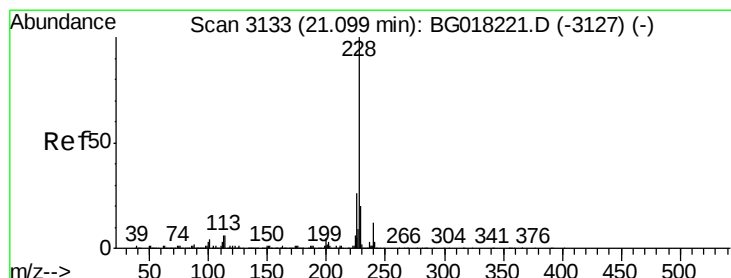
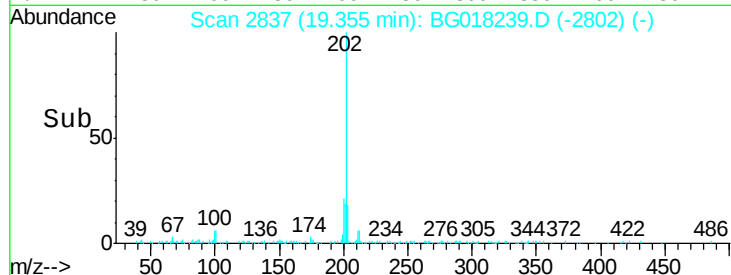
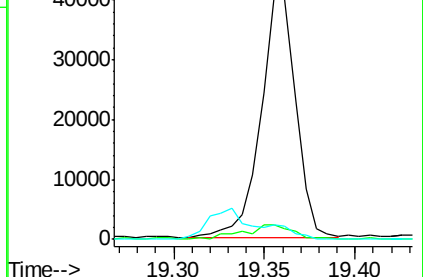
100 6.0 7.4 11.0#



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



#83

Benzo(a)anthracene

Concen: 1.33 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. 0.01 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

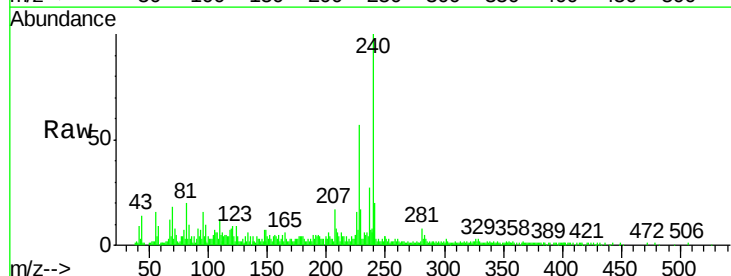
Tgt Ion:228 Resp: 27456

Ion Ratio Lower Upper

228 100

229 29.3 16.5 24.7#

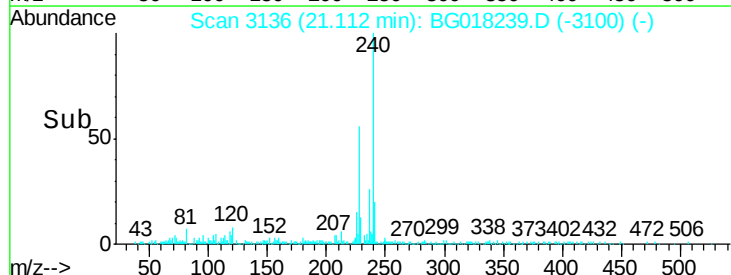
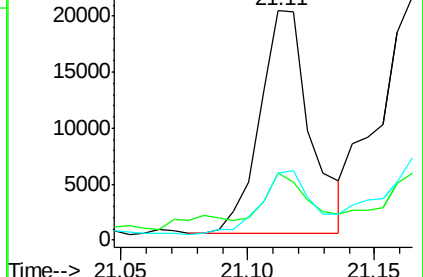
226 29.0 21.5 32.3

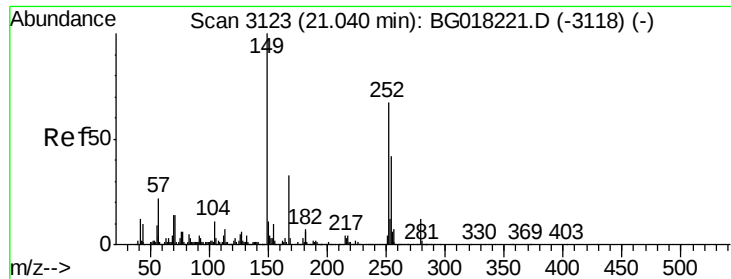


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

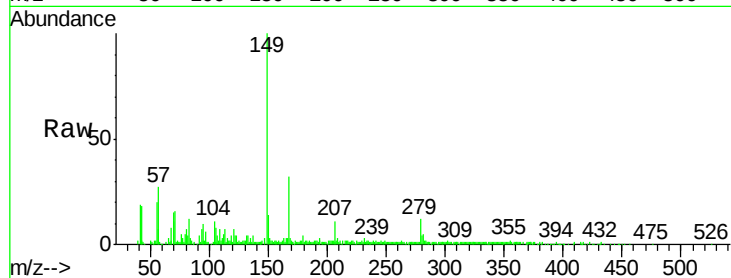




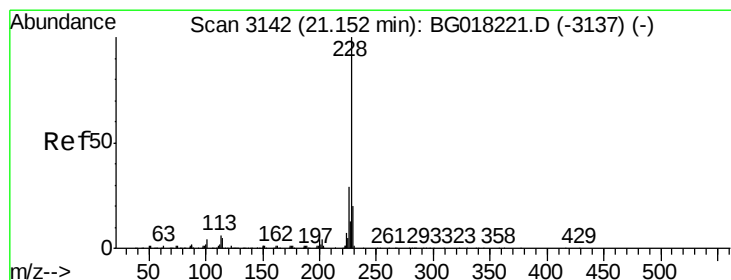
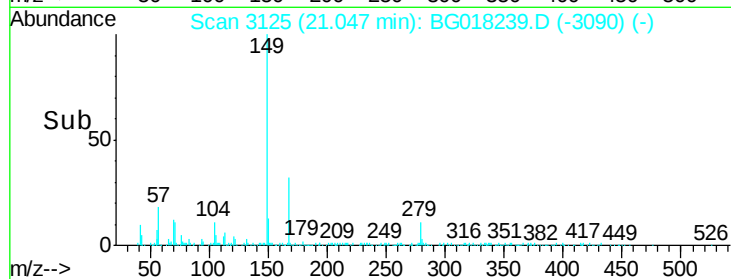
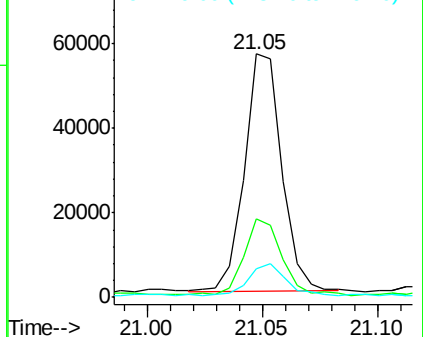
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.99 ng/ul
 RT: 21.05 min Scan# 3125
 Delta R.T. 0.01 min
 Lab File: BG018239.D
 Acq: 2 Aug 2015 22:50

Instrument :
 BNA_G
 ClientSampleId :
 C01R1RE

Tgt Ion:149 Resp: 63590
 Ion Ratio Lower Upper
 149 100
 167 32.0 27.4 41.2
 279 11.9 8.3 12.5

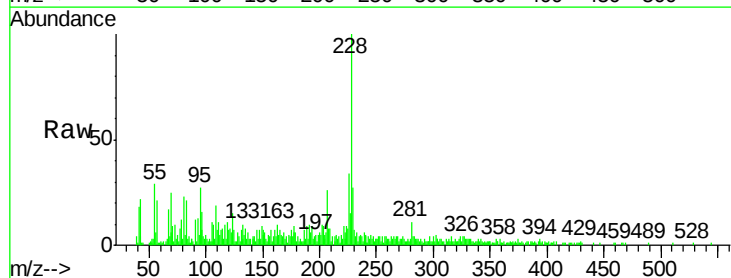


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

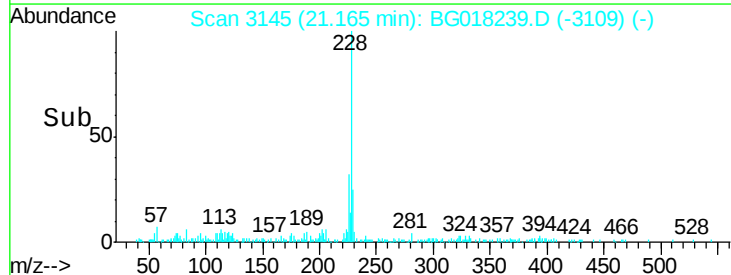
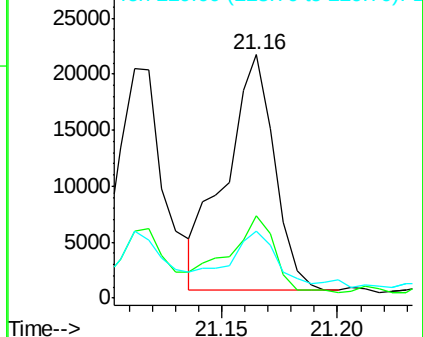


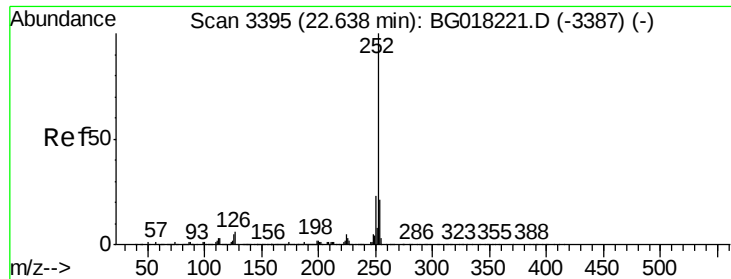
#85
 Chrysene
 Concen: 1.64 ng/ul
 RT: 21.16 min Scan# 3145
 Delta R.T. 0.01 min
 Lab File: BG018239.D
 Acq: 2 Aug 2015 22:50

Tgt Ion:228 Resp: 31029
 Ion Ratio Lower Upper
 228 100
 226 33.9 22.7 34.1
 229 27.5 16.2 24.2#



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





#88

Benzo(b)fluoranthene

Concen: 3.34 ng/ul

RT: 22.66 min Scan# 3400

Delta R.T. 0.03 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

Instrument :

BNA_G

ClientSampleId :

C01R1RE

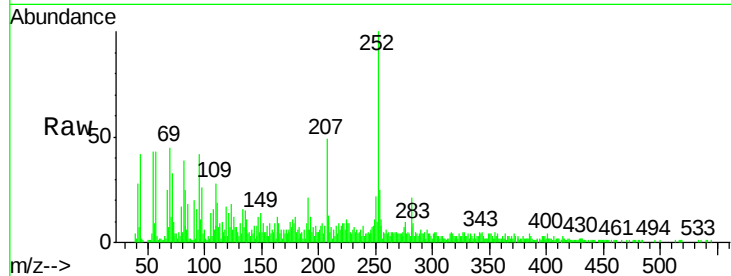
Tgt Ion:252 Resp: 65643

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

125 12.4 7.4 11.0#

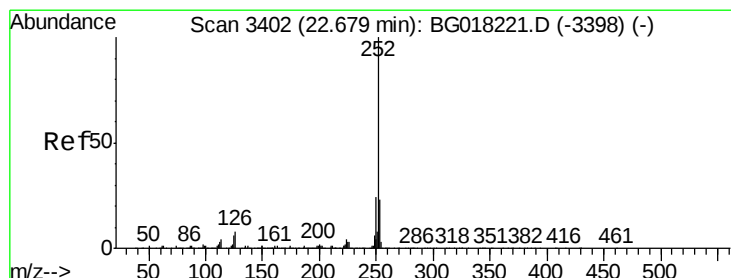
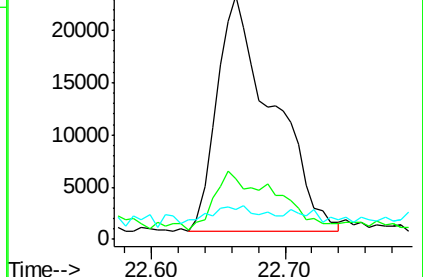
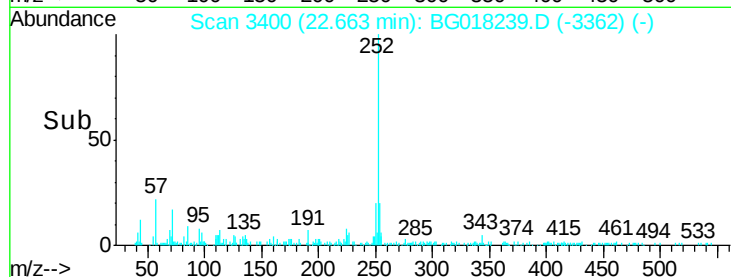


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#89

Benzo(k)fluoranthene

Concen: 3.63 ng/ul

RT: 22.66 min Scan# 3400

Delta R.T. -0.02 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

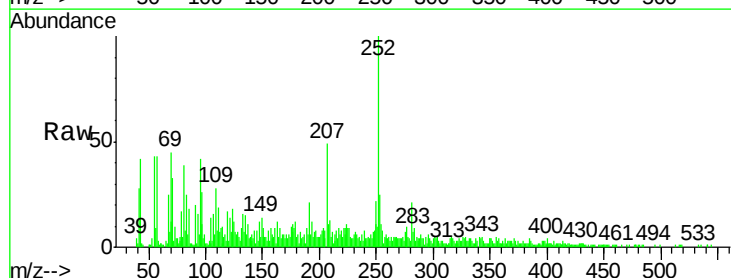
Tgt Ion:252 Resp: 65643

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.2

125 12.4 7.5 11.3#

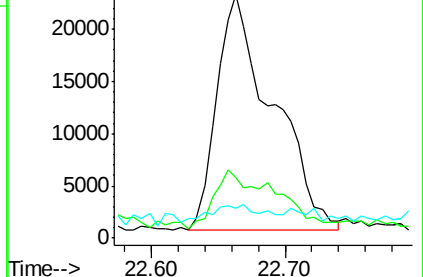
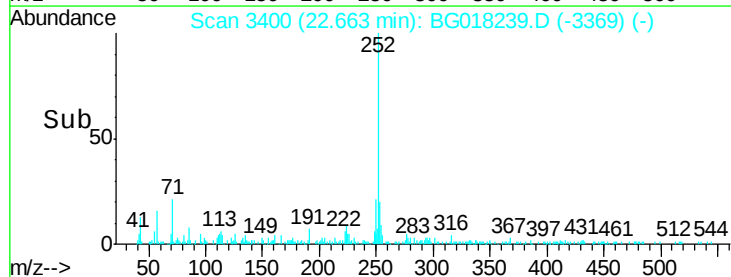


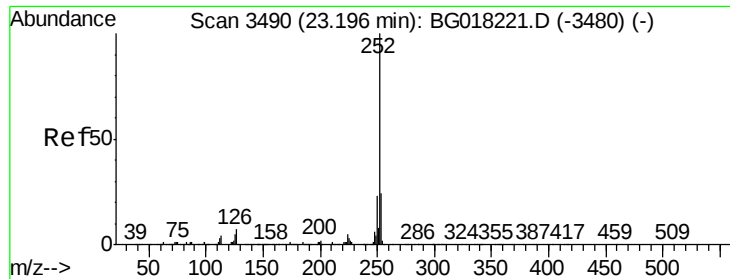
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#91

Benzo(a)pyrene

Concen: 1.38 ng/ul

RT: 23.22 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BG018239.D

Acq: 2 Aug 2015 22:50

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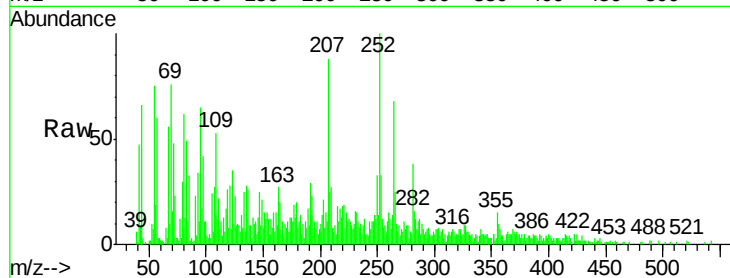
Tgt Ion:252 Resp: 24286

Ion Ratio Lower Upper

252 100

253 32.5 17.4 26.2#

125 23.1 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

