

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
 Data File : BG018248.D
 Acq On : 3 Aug 2015 18:34
 Operator : UM/TP
 Sample : G3109-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01P1

Quant Time: Aug 04 02:56:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:54:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	29733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	135976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	93787	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	134735	20.00	ng/ul	0.09
78) Chrysene-d12	21.21	240	379	20.00	ng/ul	0.11
86) Perylene-d12	23.27	264	145372	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.93	96	594	1.51	ng/uL	0.00
5) Phenol-d5	6.66	99	31954	11.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	16412	12.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	28249	13.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	16641	7.64	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	14411	13.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	16252	13.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	28557	13.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	25130	9.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	108358	14.95	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	112266	13.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	11234	8.37	ng/ul	-0.01
58) Fluorene-d10	15.14	176	89462	13.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	10096	10.73	ng/ul	-0.01
71) Anthracene-d10	16.99	188	134735	23.00	ng/ul	0.00
79) Pyrene-d10	19.39	212	157	8.56	ng/ul	0.08
90) Benzo(a)pyrene-d12	23.13	264	97032	13.20	ng/ul	0.00

Target Compounds

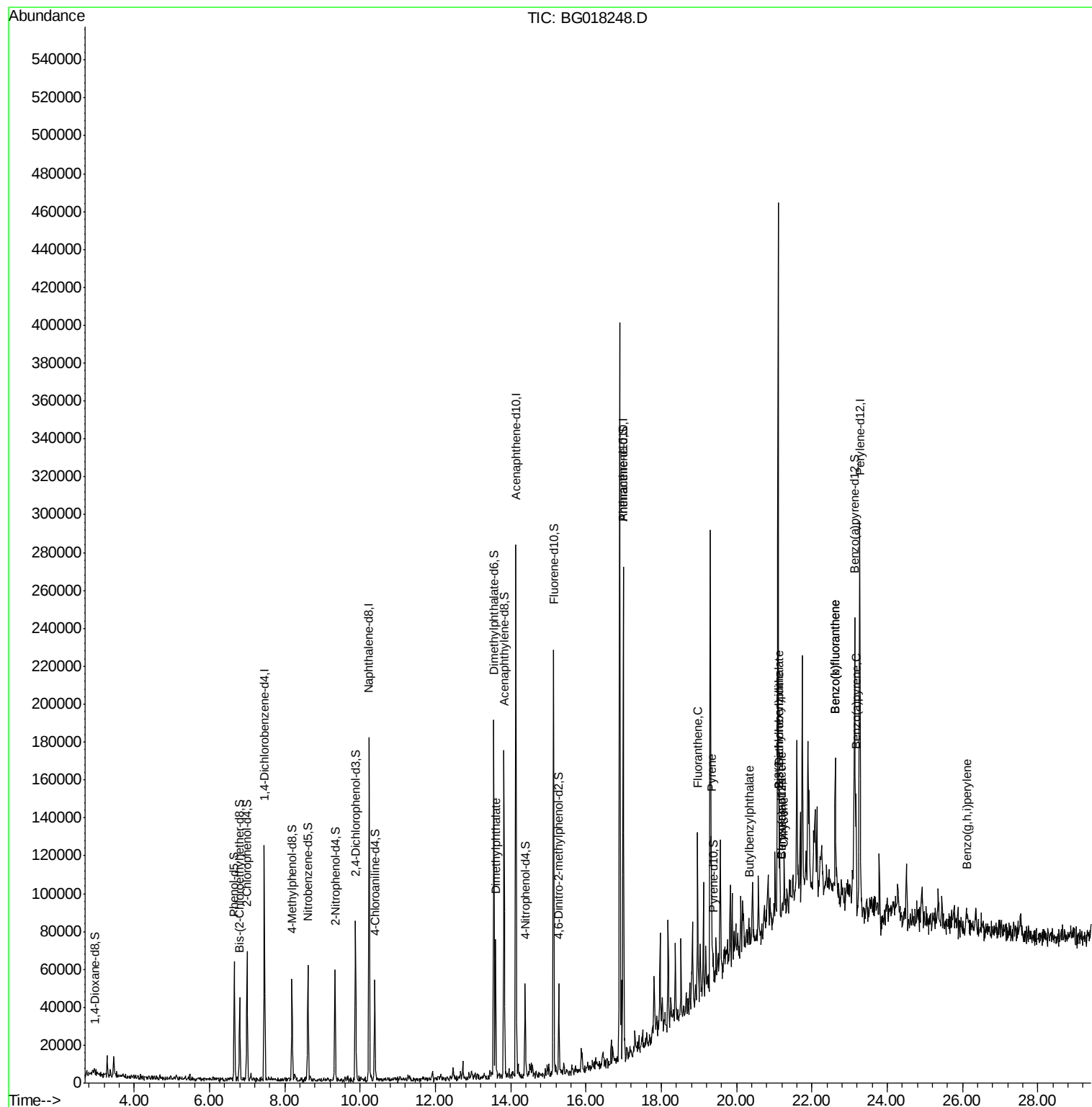
						Qvalue
45) Dimethylphthalate	13.60	163	41228	5.72	ng/ul#	97
77) Fluoranthene	18.96	202	50148	6.67	ng/ul	99
80) Pyrene	19.33	202	44118	1919.11	ng/ul	96
81) Butylbenzylphthalate	20.34	149	263	28.17	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.13	252	314	39.29	ng/ul#	71
83) Benzo(a)anthracene	21.21	228	68	3.33	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.14	149	212	16.83	ng/ul#	91
85) Chrysene	21.25	228	2471	132.17	ng/ul#	49
88) Benzo(b)fluoranthene	22.62	252	20329	2.33	ng/ul	96
89) Benzo(k)fluoranthene	22.62	252	20329	2.53	ng/ul	97
91) Benzo(a)pyrene	23.17	252	13906	1.78	ng/ul#	90
94) Benzo(g,h,i)perylene	26.12	276	8220	1.11	ng/ul#	88

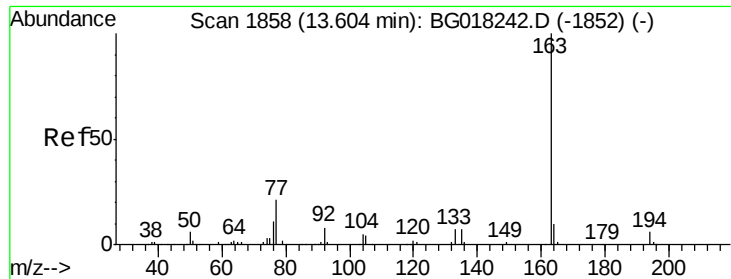
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080315\
Data File : BG018248.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01P1

Quant Time: Aug 04 02:56:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.72 ng/ul

RT: 13.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

ClientSampleId :

C01P1

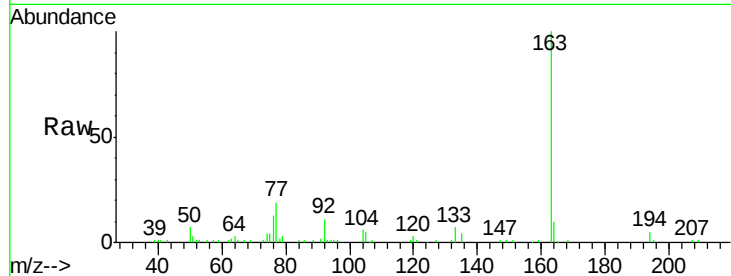
Tgt Ion:163 Resp: 41228

Ion Ratio Lower Upper

163 100

194 5.0 5.2 7.8#

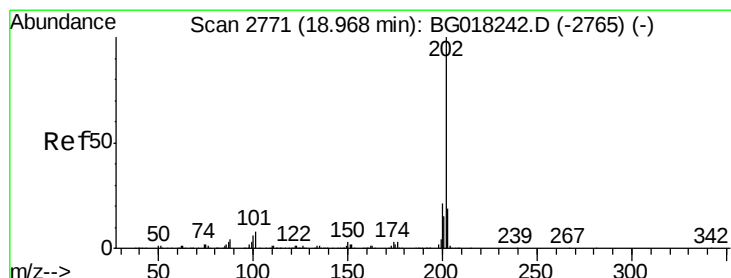
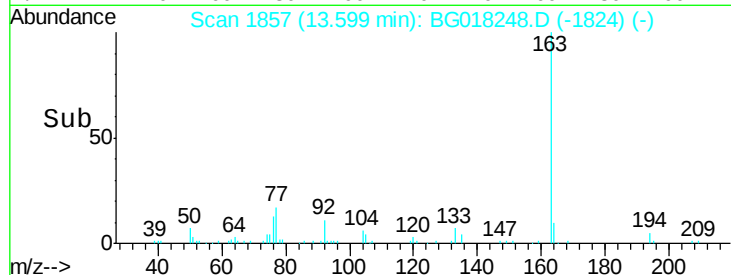
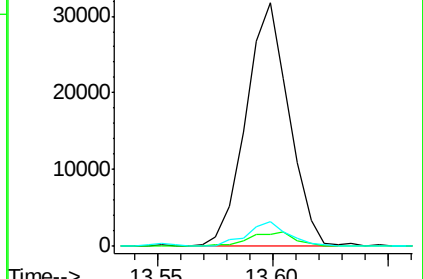
164 9.9 8.4 12.6



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

Fluoranthene

Concen: 6.67 ng/ul

RT: 18.96 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

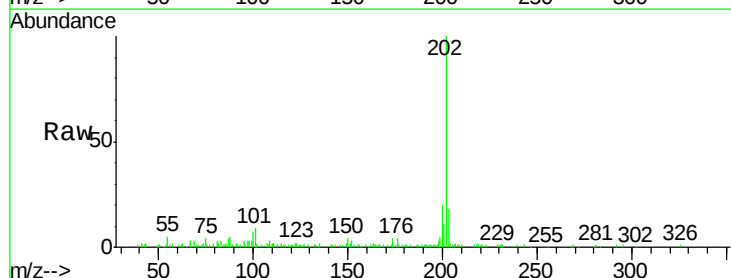
Tgt Ion:202 Resp: 50148

Ion Ratio Lower Upper

202 100

101 9.2 7.5 11.3

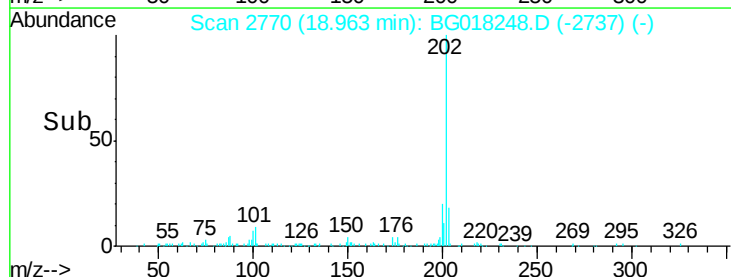
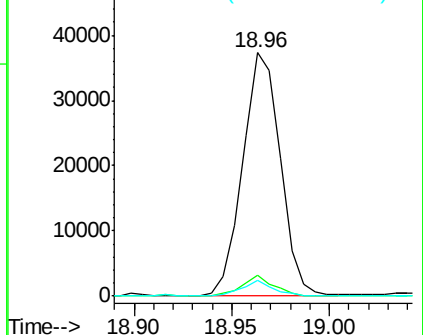
100 6.6 5.5 8.3

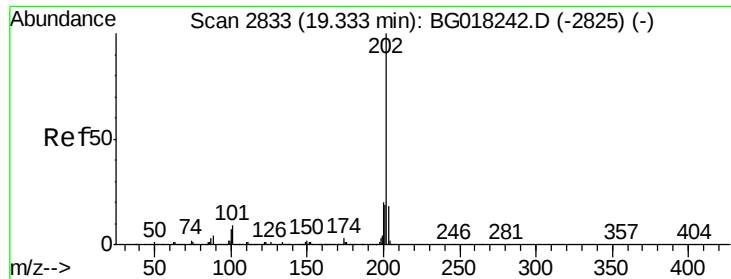


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1919.11 ng/ul

RT: 19.33 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

ClientSampleId :

C01P1

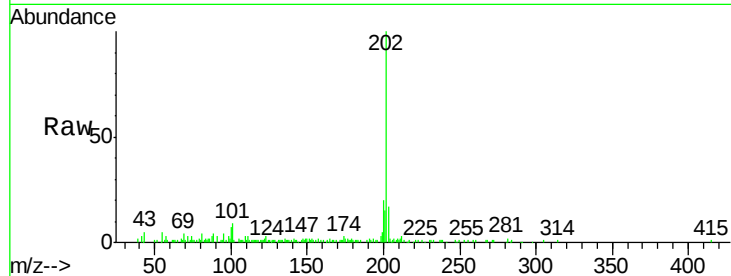
Tgt Ion: 202 Resp: 44118

Ion Ratio Lower Upper

202 100

101 9.1 8.1 12.1

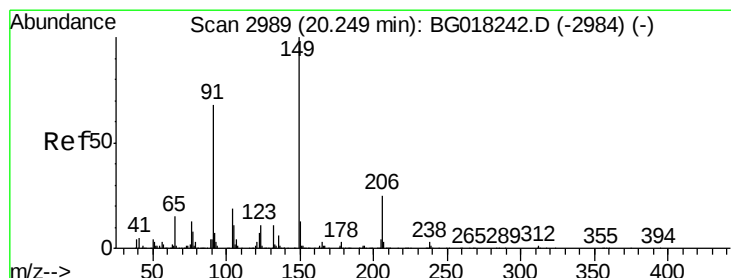
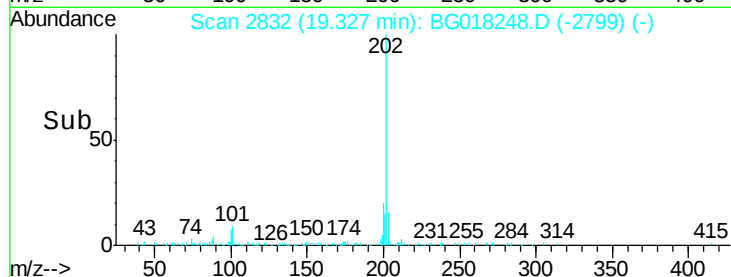
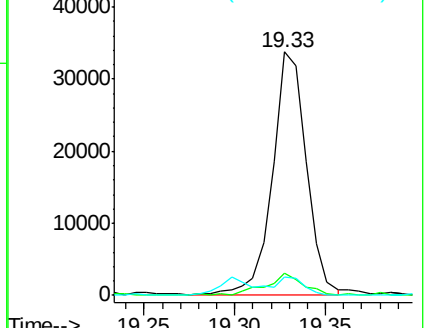
100 7.4 7.4 11.0



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): B



#81

Butylbenzylphthalate

Concen: 28.17 ng/ul

RT: 20.34 min Scan# 3004

Delta R.T. 0.09 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

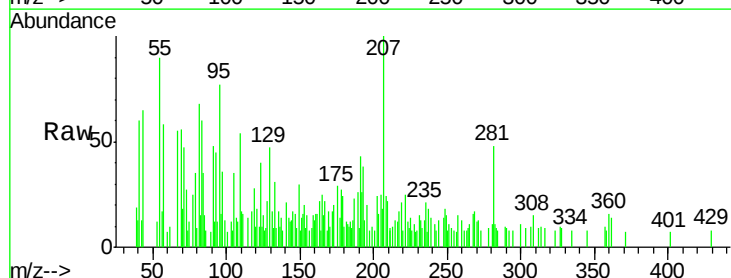
Tgt Ion: 149 Resp: 263

Ion Ratio Lower Upper

149 100

91 157.7 46.6 69.8#

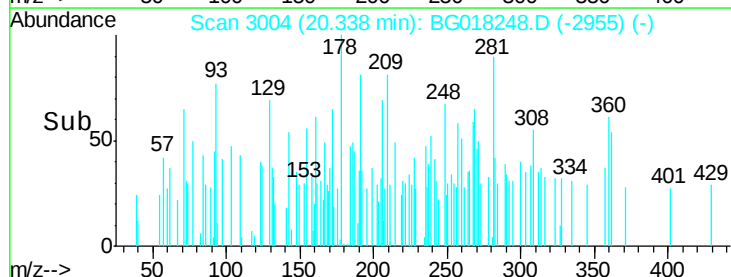
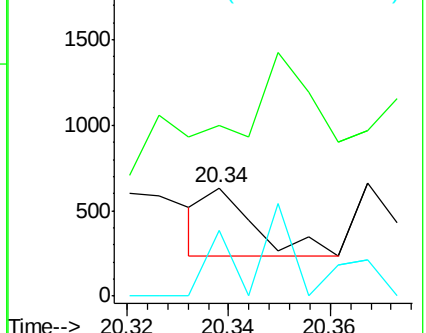
206 60.4 21.8 32.8#

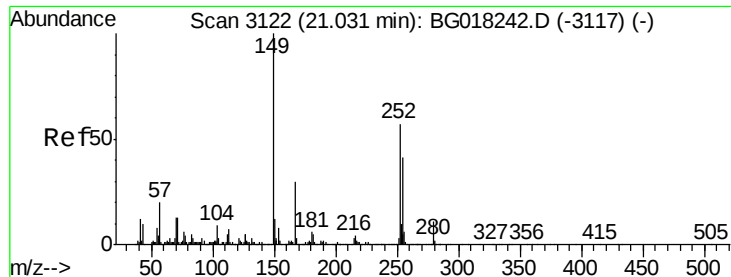


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

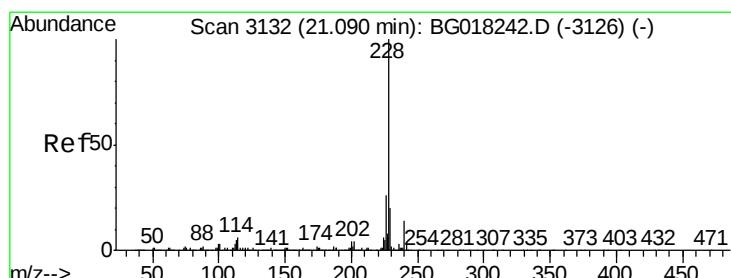
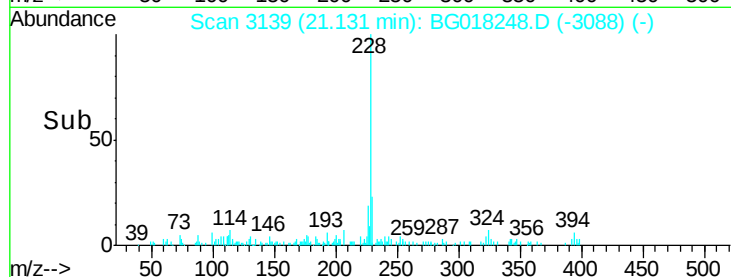
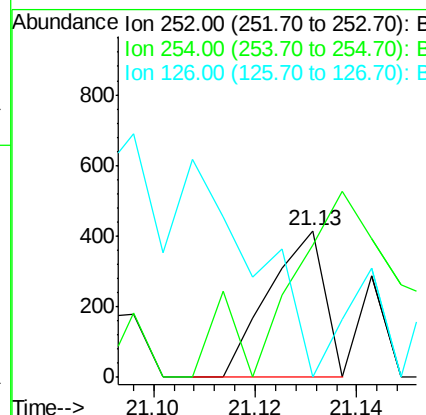
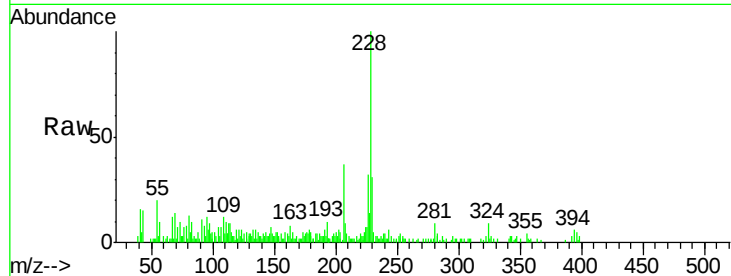




#82
 3,3'-Dichlorobenzidine
 Concen: 39.29 ng/ul
 RT: 21.13 min Scan# 3139
 Delta R.T. 0.10 min
 Lab File: BG018248.D
 Acq: 3 Aug 2015 18:34

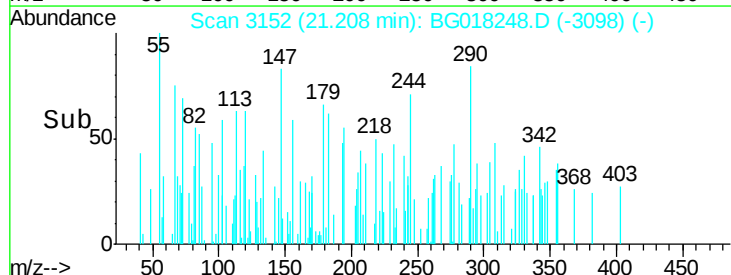
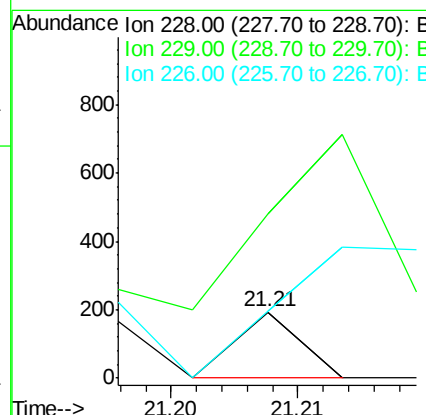
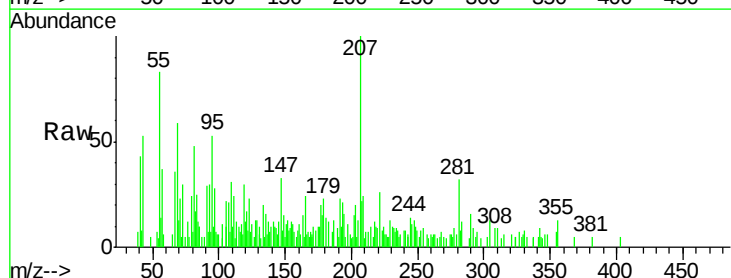
Instrument :
 BNA_G
 ClientSampled :
 C01P1

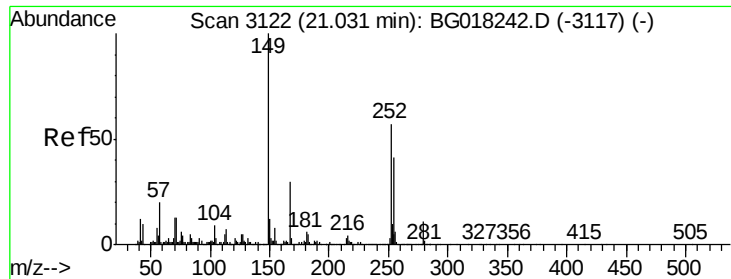
Tgt Ion:252 Resp: 314
 Ion Ratio Lower Upper
 252 100
 254 89.9 53.4 80.0#
 126 0.0 8.7 13.1#



#83
 Benzo(a)anthracene
 Concen: 3.33 ng/ul
 RT: 21.21 min Scan# 3152
 Delta R.T. 0.12 min
 Lab File: BG018248.D
 Acq: 3 Aug 2015 18:34

Tgt Ion:228 Resp: 68
 Ion Ratio Lower Upper
 228 100
 229 247.4 16.5 24.7#
 226 102.1 21.5 32.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 16.83 ng/ul

RT: 21.14 min Scan# 3141

Delta R.T. 0.11 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

ClientSampleId :

C01P1

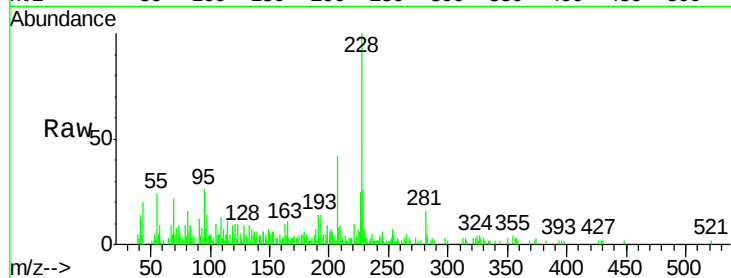
Tgt Ion:149 Resp: 212

Ion Ratio Lower Upper

149 100

167 36.1 27.4 41.2

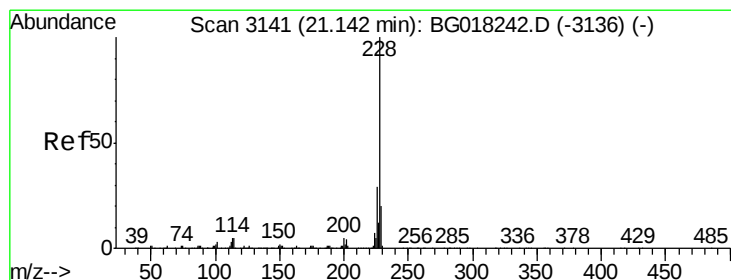
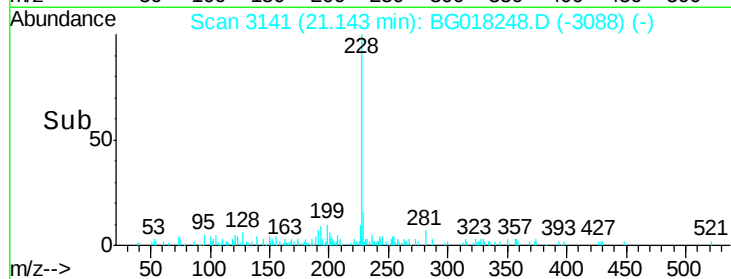
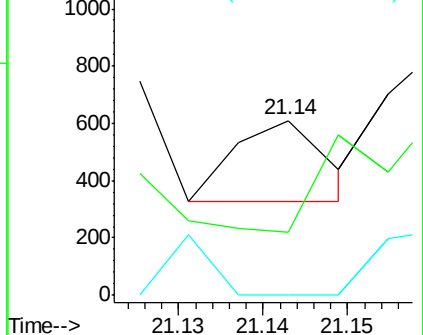
279 0.0 8.3 12.5#



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: 132.17 ng/ul

RT: 21.25 min Scan# 3159

Delta R.T. 0.11 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

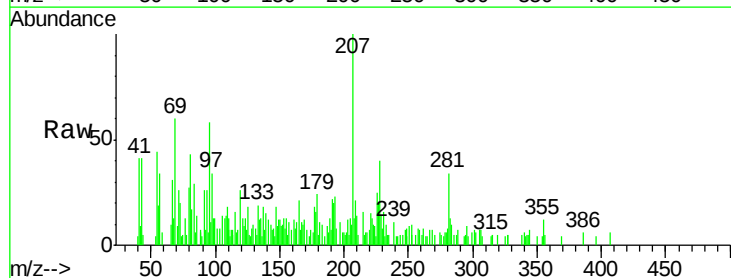
Tgt Ion:228 Resp: 2471

Ion Ratio Lower Upper

228 100

226 62.0 22.7 34.1#

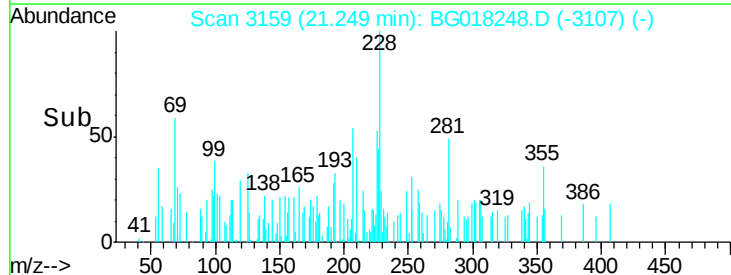
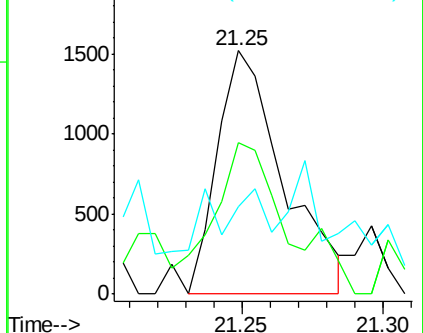
229 35.8 16.2 24.2#

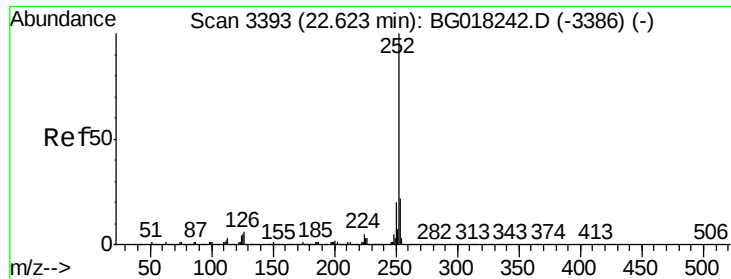


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

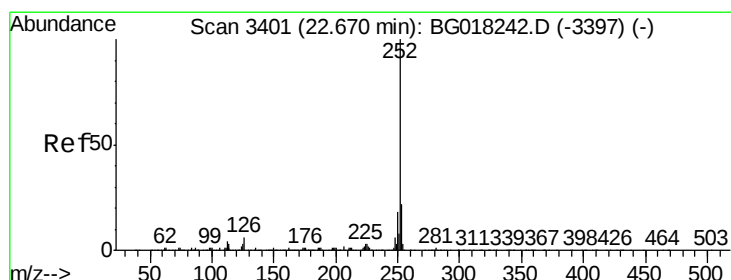
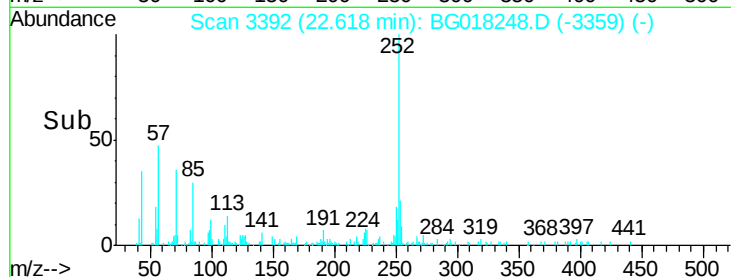
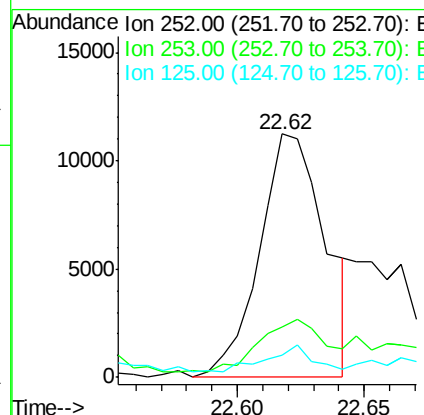
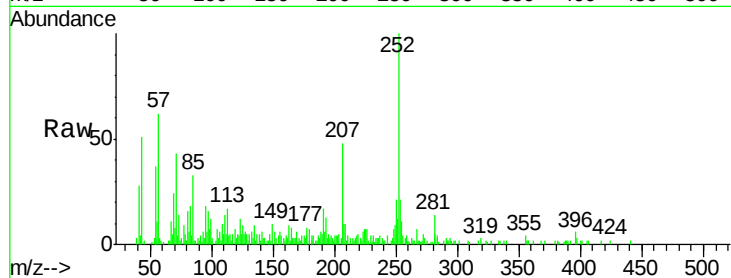




#88
Benzo(b)fluoranthene
Concen: 2.33 ng/ul
RT: 22.62 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

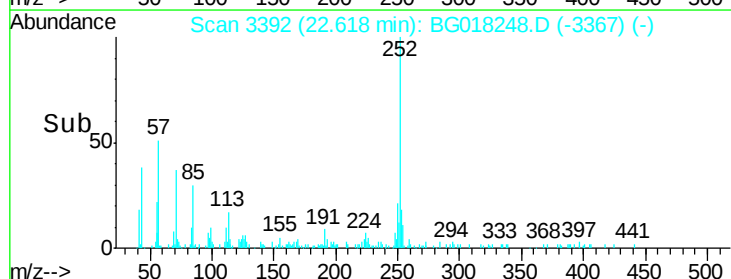
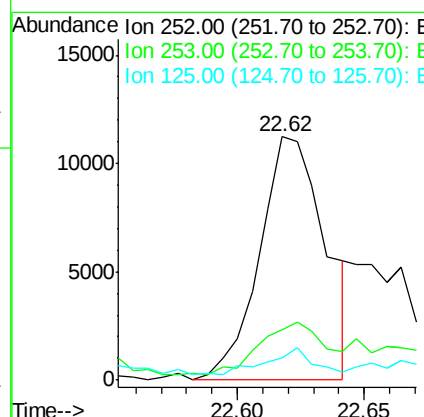
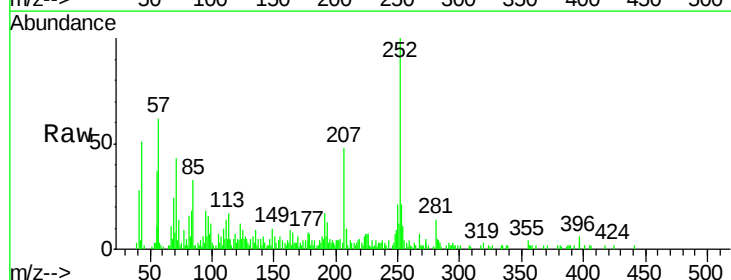
Instrument :
BNA_G
ClientSampleId :
C01P1

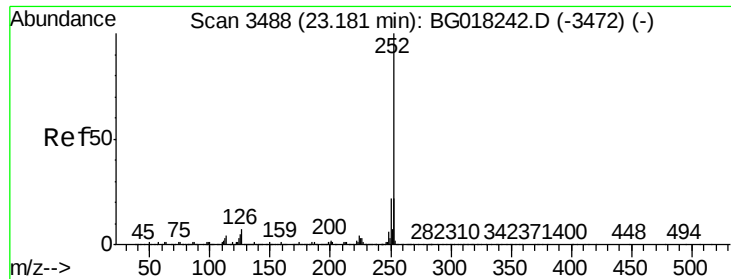
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.5	27.7
125	9.3	7.4	11.0



#89
Benzo(k)fluoranthene
Concen: 2.53 ng/ul
RT: 22.62 min Scan# 3392
Delta R.T. -0.05 min
Lab File: BG018248.D
Acq: 3 Aug 2015 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.2	27.2
125	9.3	7.5	11.3





#91

Benzo(a)pyrene

Concen: 1.78 ng/ul

RT: 23.17 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

Instrument :

BNA_G

ClientSampleId :

C01P1

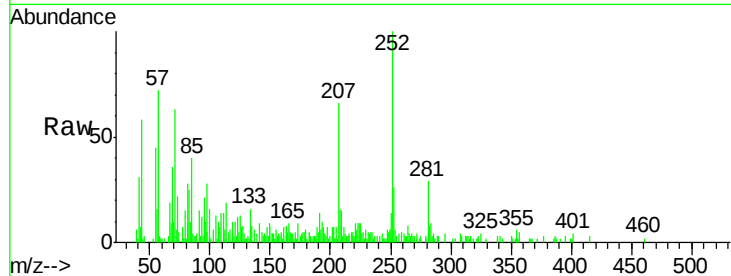
Tgt Ion:252 Resp: 13906

Ion Ratio Lower Upper

252 100

253 26.5 17.4 26.2#

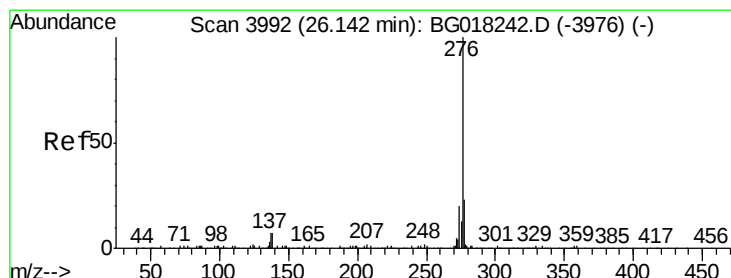
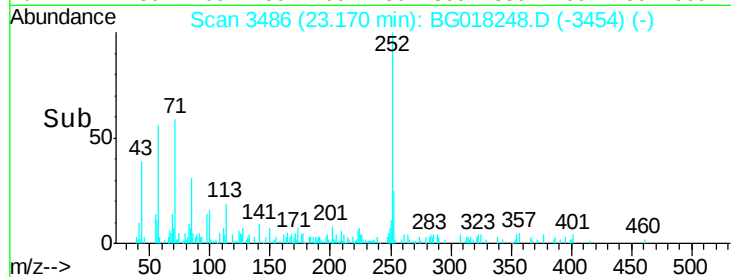
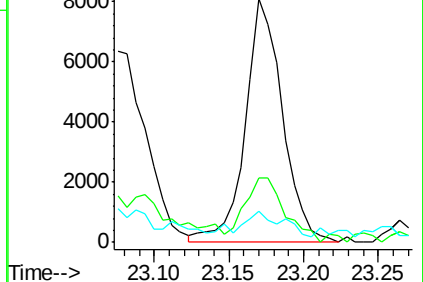
125 12.6 7.3 10.9#



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



#94

Benzo(g,h,i)perylene

Concen: 1.11 ng/ul

RT: 26.12 min Scan# 3988

Delta R.T. -0.02 min

Lab File: BG018248.D

Acq: 3 Aug 2015 18:34

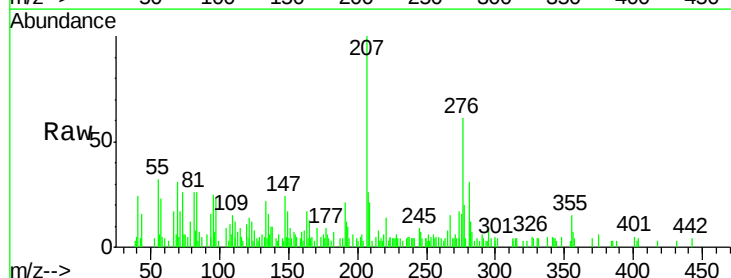
Tgt Ion:276 Resp: 8220

Ion Ratio Lower Upper

276 100

138 16.0 15.1 22.7

277 32.6 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

