

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018218.D
 Acq On : 1 Aug 2015 13:23
 Operator : TP/UM
 Sample : G3073-13
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 02:01:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	60607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	265739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	163864	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.01	188	219046	20.00	ng/ul	0.11
78) Chrysene-d12	21.25	240	460	20.00	ng/ul	0.14
86) Perylene-d12	23.31	264	234656	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1817	2.26	ng/uL	0.00
5) Phenol-d5	6.68	99	90401	16.59	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	45574	16.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	75421	18.32	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	70852	15.96	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	41581	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	39455	16.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	80284	18.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	65893	12.45	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	240945	19.03	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	259851	17.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	28050	11.97	ng/ul	0.02
58) Fluorene-d10	15.16	176	176495	15.40	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.30	200	2398	1.57	ng/ul	0.01
71) Anthracene-d10	17.01	188	218846	22.98	ng/ul	0.00
79) Pyrene-d10	19.43	212	326	14.65	ng/ul	0.12
90) Benzo(a)pyrene-d12	23.17	264	158923	13.39	ng/ul	0.02

Target Compounds

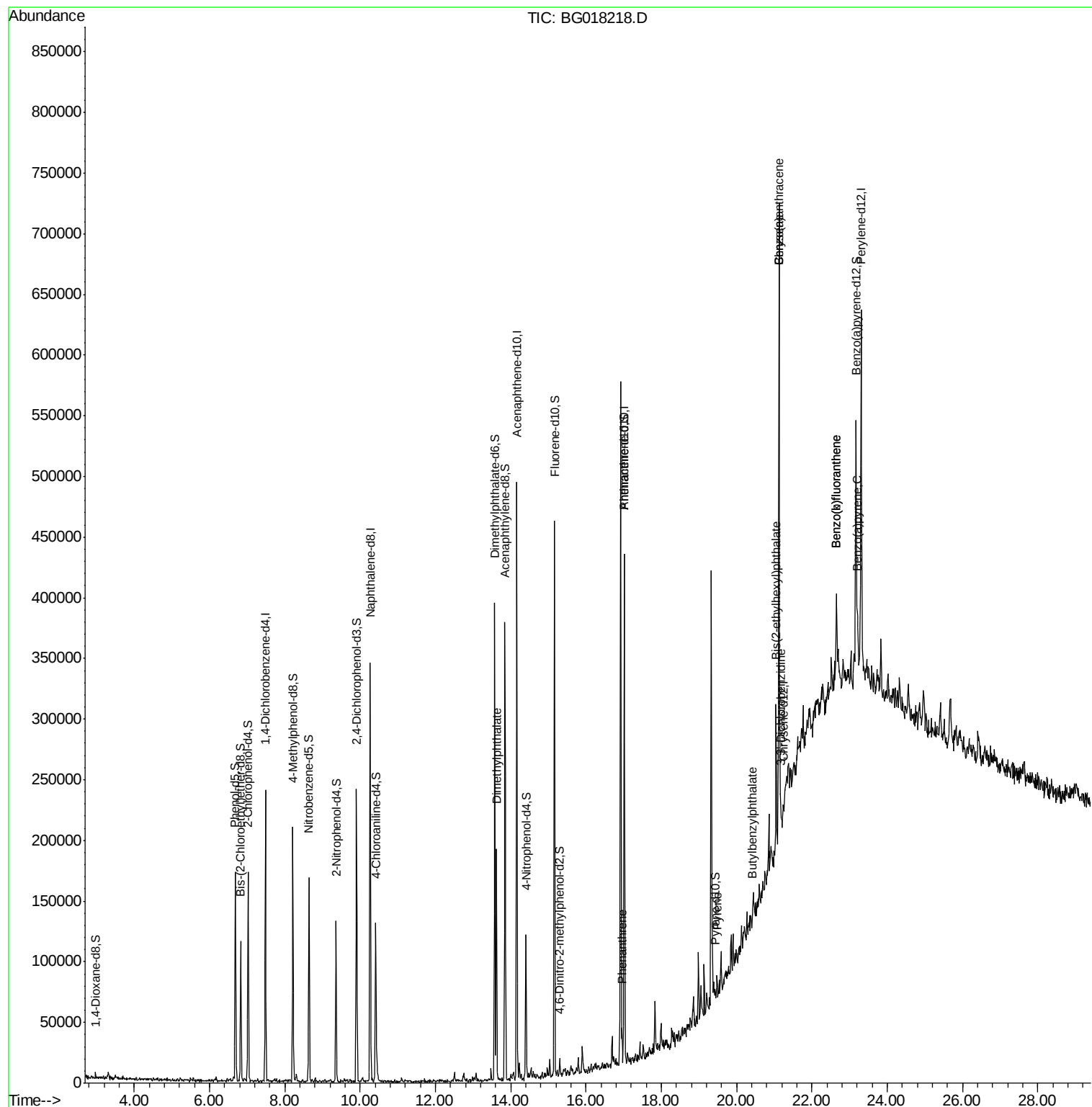
						Ovalue
45) Dimethylphthalate	13.62	163	111791	8.87	ng/ul	97
70) Phenanthrene	16.96	178	15652	1.41	ng/ul	99
80) Pyrene	19.47	202	210	7.53	ng/ul#	74
81) Butylbenzylphthalate	20.40	149	65	5.74	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.18	252	285	29.38	ng/ul#	50
83) Benzo(a)anthracene	21.11	228	17627	711.56	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	39743	2599.11	ng/ul	91
85) Chrysene	21.11	228	7762	342.07	ng/ul	98
88) Benzo(b)fluoranthene	22.65	252	34063	2.42	ng/ul	97
89) Benzo(k)fluoranthene	22.65	252	34231	2.64	ng/ul	96
91) Benzo(a)pyrene	23.21	252	18871	1.50	ng/ul#	90

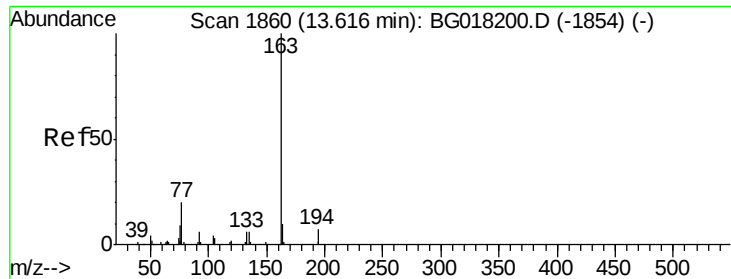
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

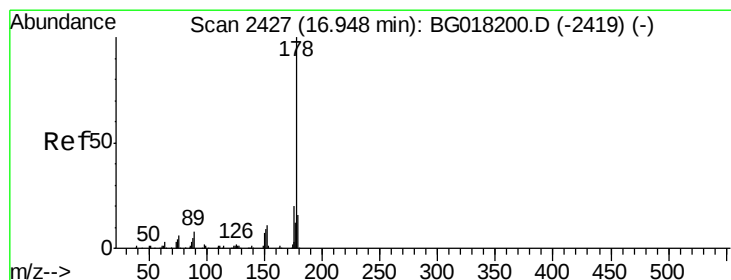
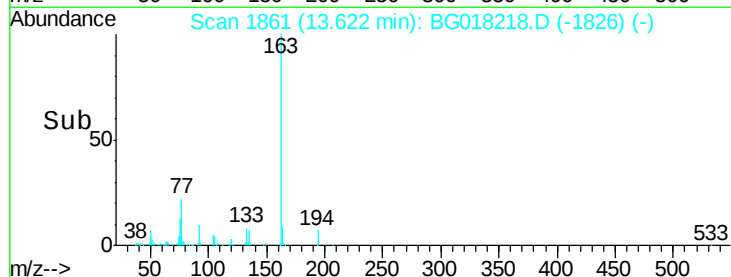
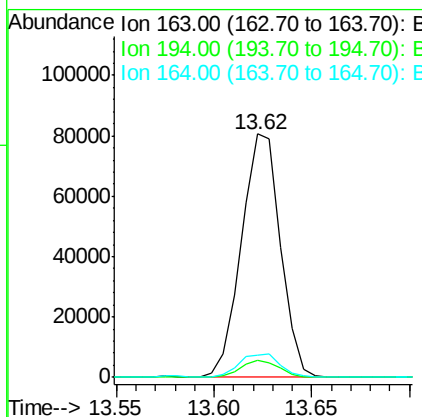
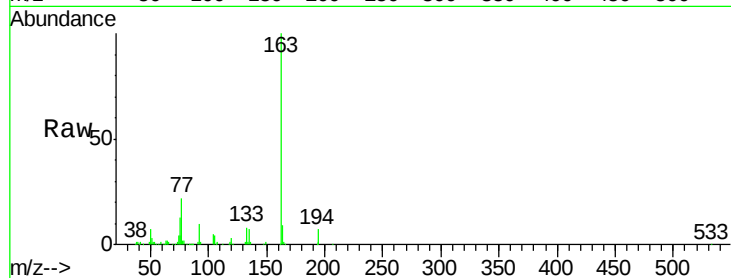




#45
Dimethylphthalate
Concen: 8.87 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018218.D
Acq: 1 Aug 2015 13:23

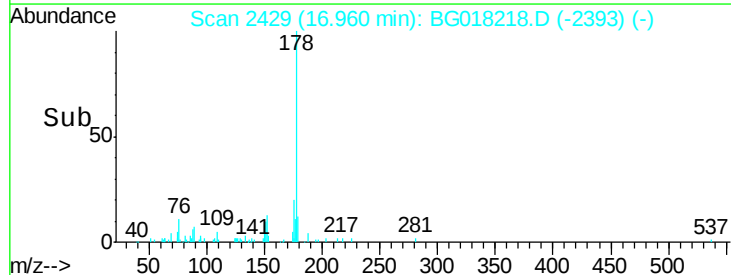
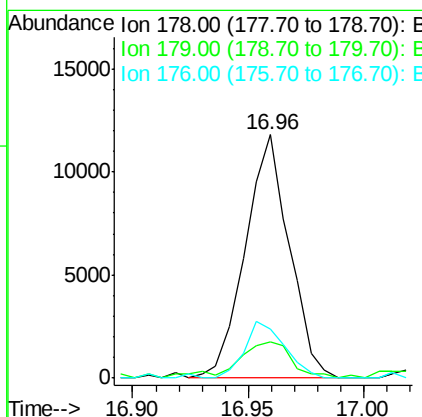
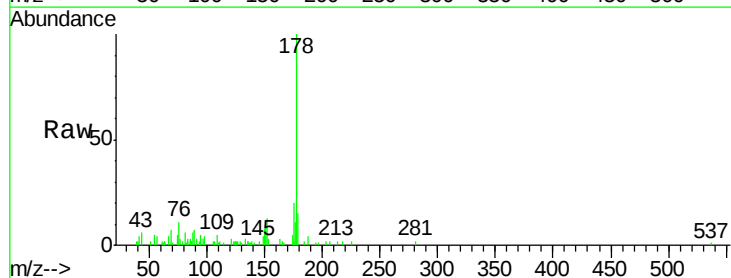
Instrument :
BNA_G
ClientSampled :

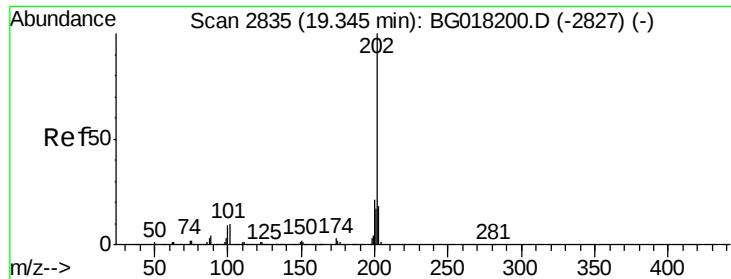
Tot Ion:163 Resp: 111791
Ion Ratio Lower Upper
163 100
194 7.0 5.2 7.8
164 9.0 8.4 12.6



#70
Phenanthrene
Concen: 1.41 ng/ul
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018218.D
Acq: 1 Aug 2015 13:23

Tgt Ion:178 Resp: 15652
Ion Ratio Lower Upper
178 100
179 14.9 12.8 19.2
176 19.9 16.0 24.0





#80

Pvrene

Concen: 7.53 ng/ul

RT: 19.47 min Scan# 2857

Delta R.T. 0.13 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampled :

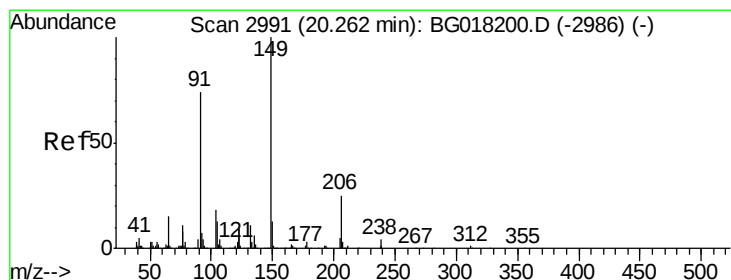
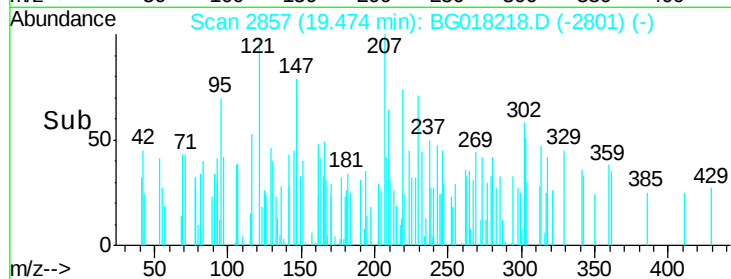
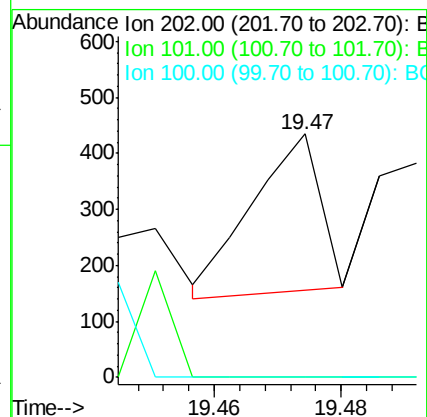
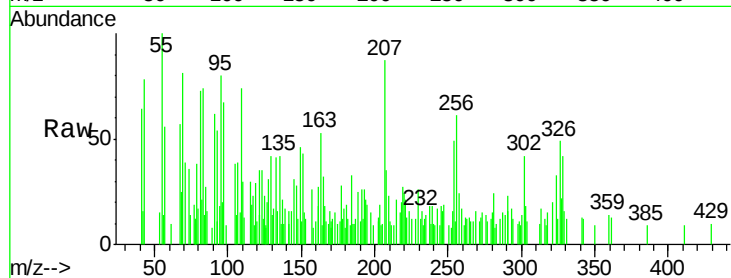
Tot Ion:202 Resp: 210

Ion Ratio Lower Upper

202 100

101 0.0 8.1 12.1#

100 0.0 7.4 11.0#



#81

Butylbenzylphthalate

Concen: 5.74 ng/ul

RT: 20.40 min Scan# 3015

Delta R.T. 0.14 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

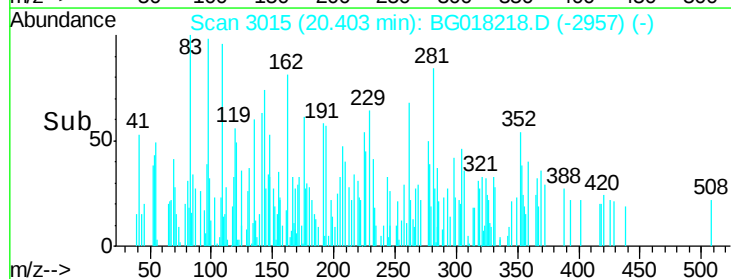
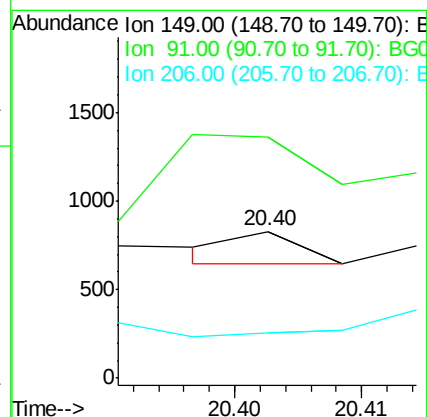
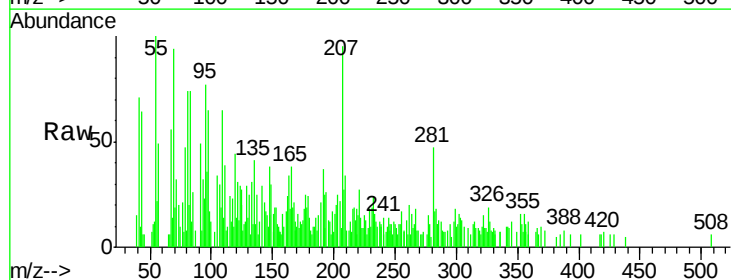
Tgt Ion:149 Resp: 65

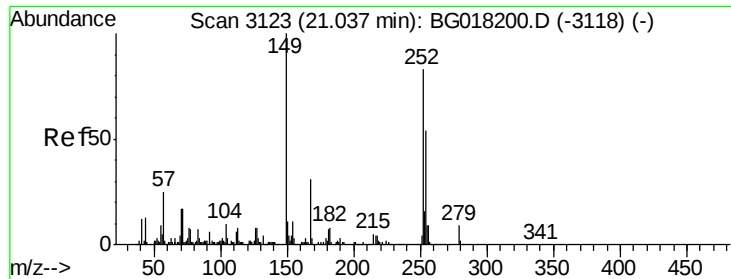
Ion Ratio Lower Upper

149 100

91 164.4 46.6 69.8#

206 31.3 21.8 32.8





#82

3,3'-Dichlorobenzidine

Concen: 29.38 ng/ul

RT: 21.18 min Scan# 3147

Delta R.T. 0.14 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampled :

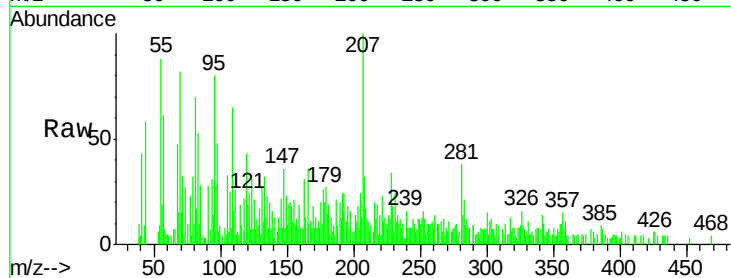
Tot Ion:252 Resp: 285

Ion Ratio Lower Upper

252 100

254 31.4 53.4 80.0#

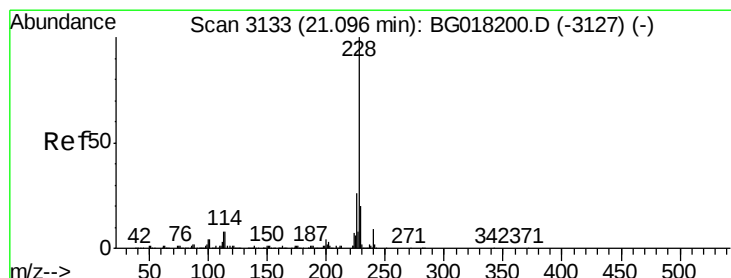
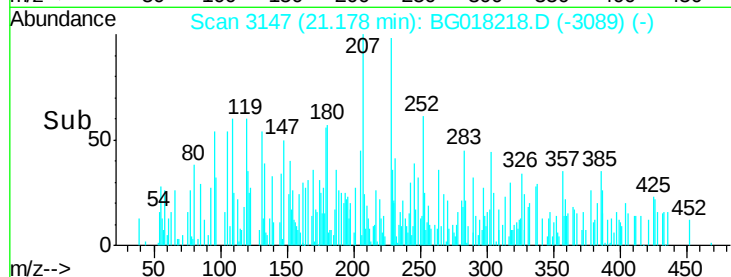
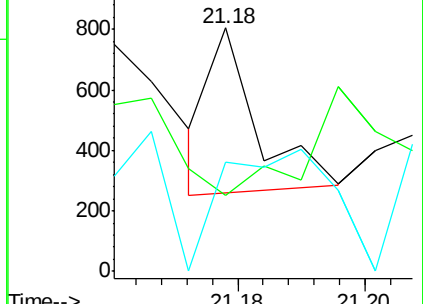
126 44.7 8.7 13.1#



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



#83

Benzo(a)anthracene

Concen: 711.56 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. 0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

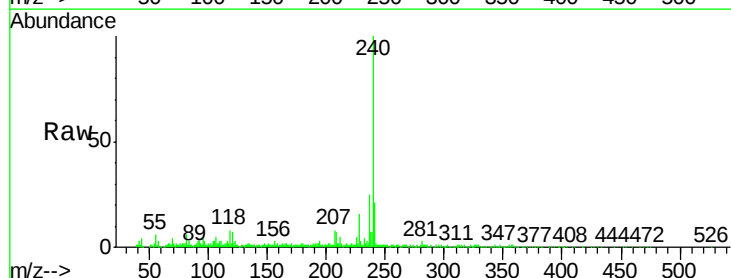
Tgt Ion:228 Resp: 17627

Ion Ratio Lower Upper

228 100

229 20.6 16.5 24.7

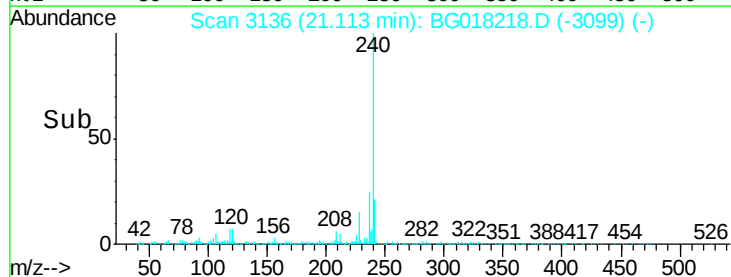
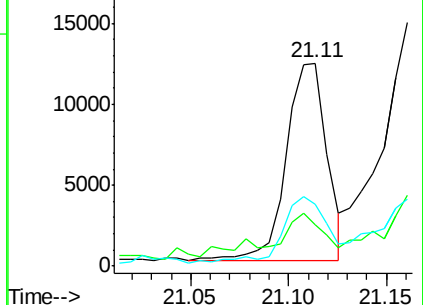
226 30.3 21.5 32.3

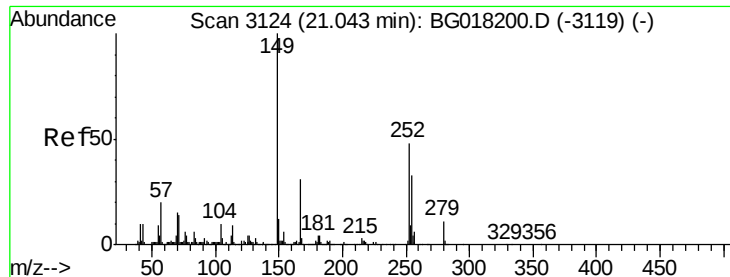


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2599.11 ng/ul

RT: 21.05 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampleId :

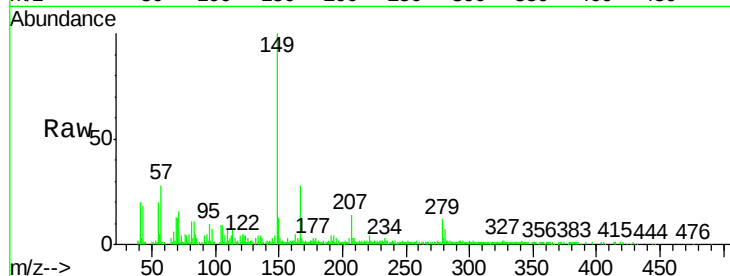
Tot Ion:149 Resp: 39743

Ion Ratio Lower Upper

149 100

167 28.3 27.4 41.2

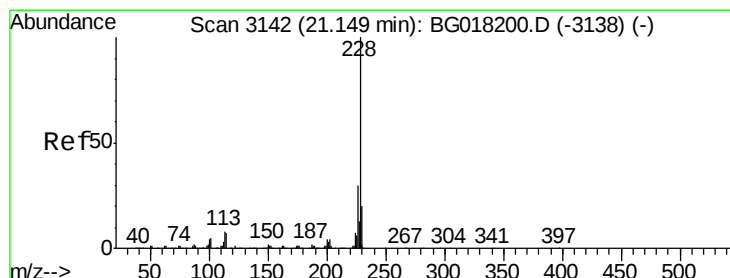
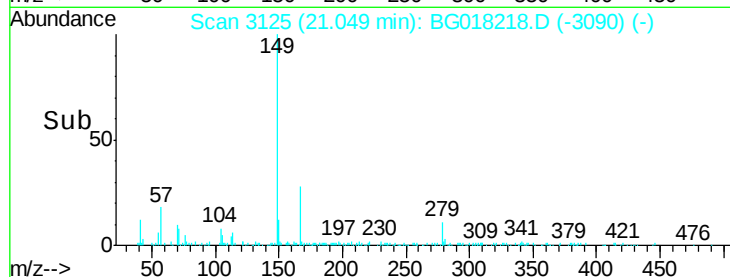
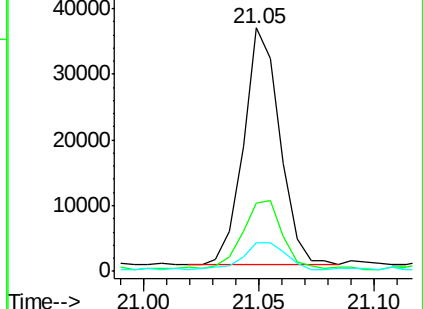
279 11.8 8.3 12.5



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: 342.07 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. -0.04 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

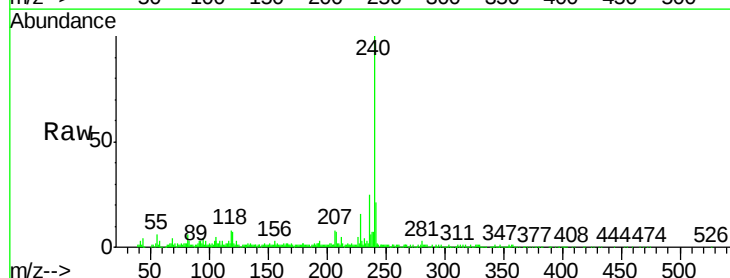
Tgt Ion:228 Resp: 7762

Ion Ratio Lower Upper

228 100

226 30.3 22.7 34.1

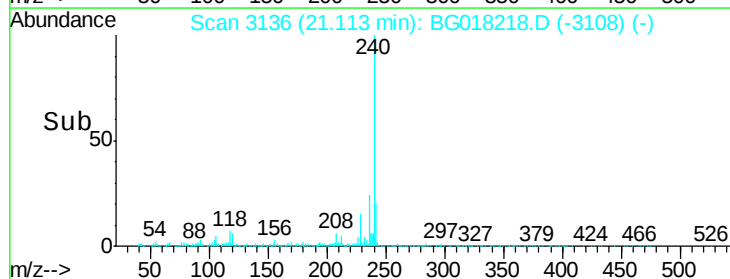
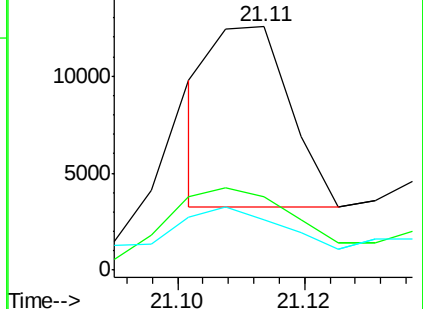
229 20.6 16.2 24.2

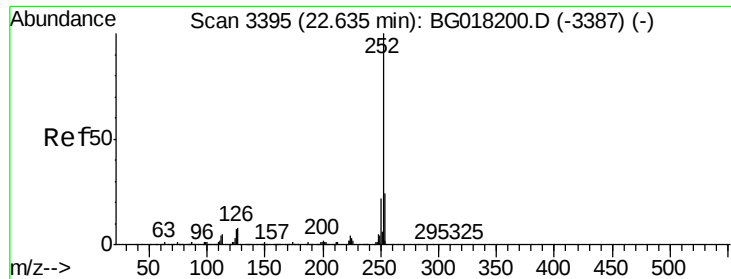


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.42 ng/ul

RT: 22.65 min Scan# 3398

Delta R.T. 0.02 min

Lab File: BG018218.D

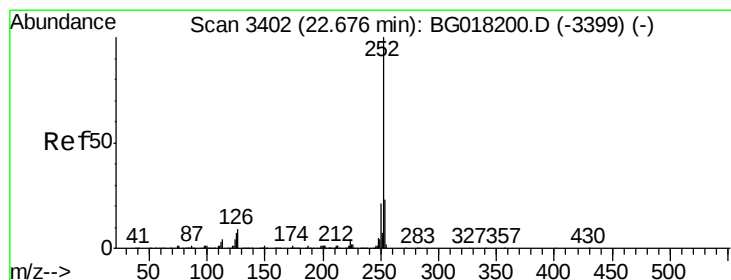
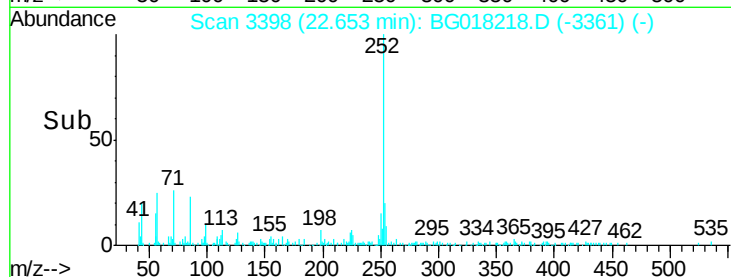
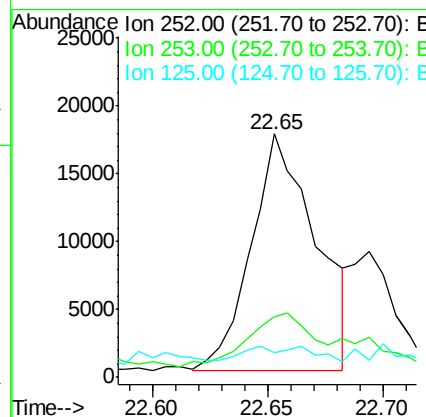
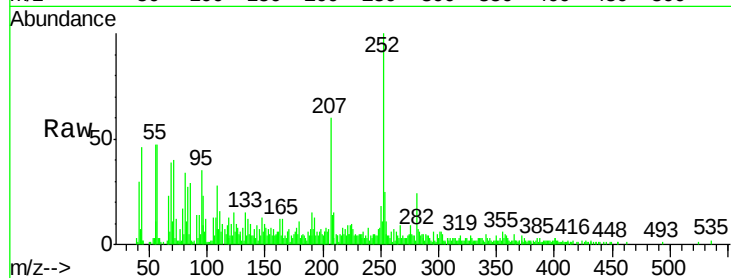
Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	34063
Ion Ratio	Lower	Upper
252	100	
253	24.8	18.5 27.7
125	10.3	7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 2.64 ng/ul

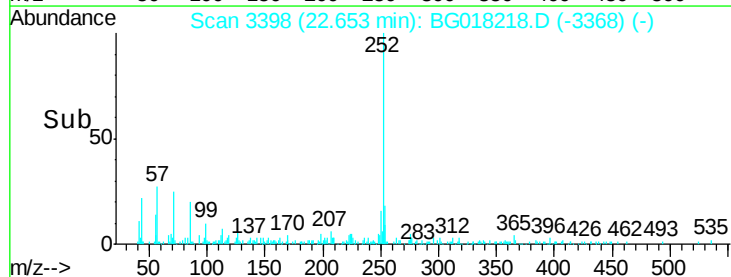
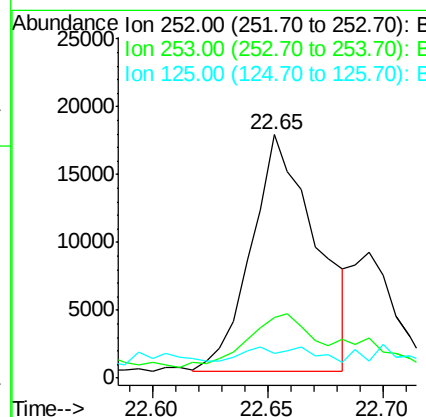
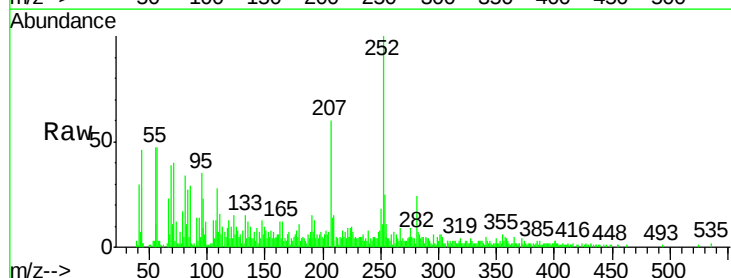
RT: 22.65 min Scan# 3398

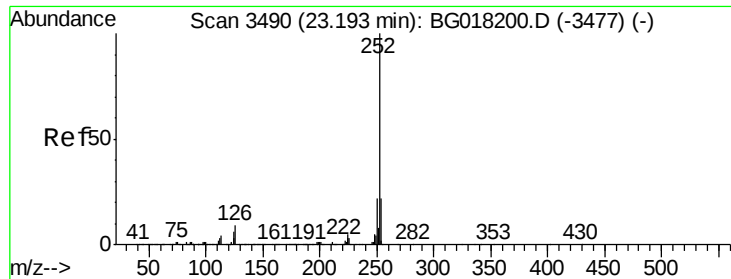
Delta R.T. -0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Tgt Ion:252	Resp:	34231
Ion Ratio	Lower	Upper
252	100	
253	24.8	18.2 27.2
125	10.3	7.5 11.3





#91

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 23.21 min Scan# 3493

Delta R.T. 0.02 min

Lab File: BG018218.D

Acq: 1 Aug 2015 13:23

Instrument :

BNA_G

ClientSampleId :

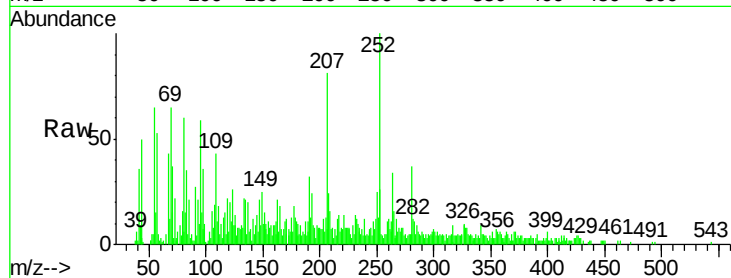
Tot Ion:252 Resp: 18871

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.2

125 14.3 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

