

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080915\
 Data File : BG018351.D
 Acq On : 10 Aug 2015 5:15
 Operator : UM/TP
 Sample : G3136-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02C7

Quant Time: Aug 10 05:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 02:20:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	149207	20.00	ng/ul	0.01
18) Naphthalene-d8	10.88	136	715093	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	439315	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	891101	20.00	ng/ul	0.01
78) Chrysene-d12	21.71	240	761366	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	750332	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5512	1.65	ng/uL	0.00
5) Phenol-d5	7.23	99	146567	10.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	93154	11.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	116263	11.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	103889	9.19	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	60622	11.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	61404	11.09	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	121888	10.19	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	108741	8.14	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	379626	10.35	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	413605	9.01	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	29825	4.53	ng/ul	0.02
58) Fluorene-d10	15.69	176	281014	8.83	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.79	200	2049	0.47	ng/ul	0.01
71) Anthracene-d10	17.54	188	370967	8.78	ng/ul	0.01
79) Pyrene-d10	19.82	212	343096	8.76	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	334569	8.45	ng/ul	0.03

Target Compounds

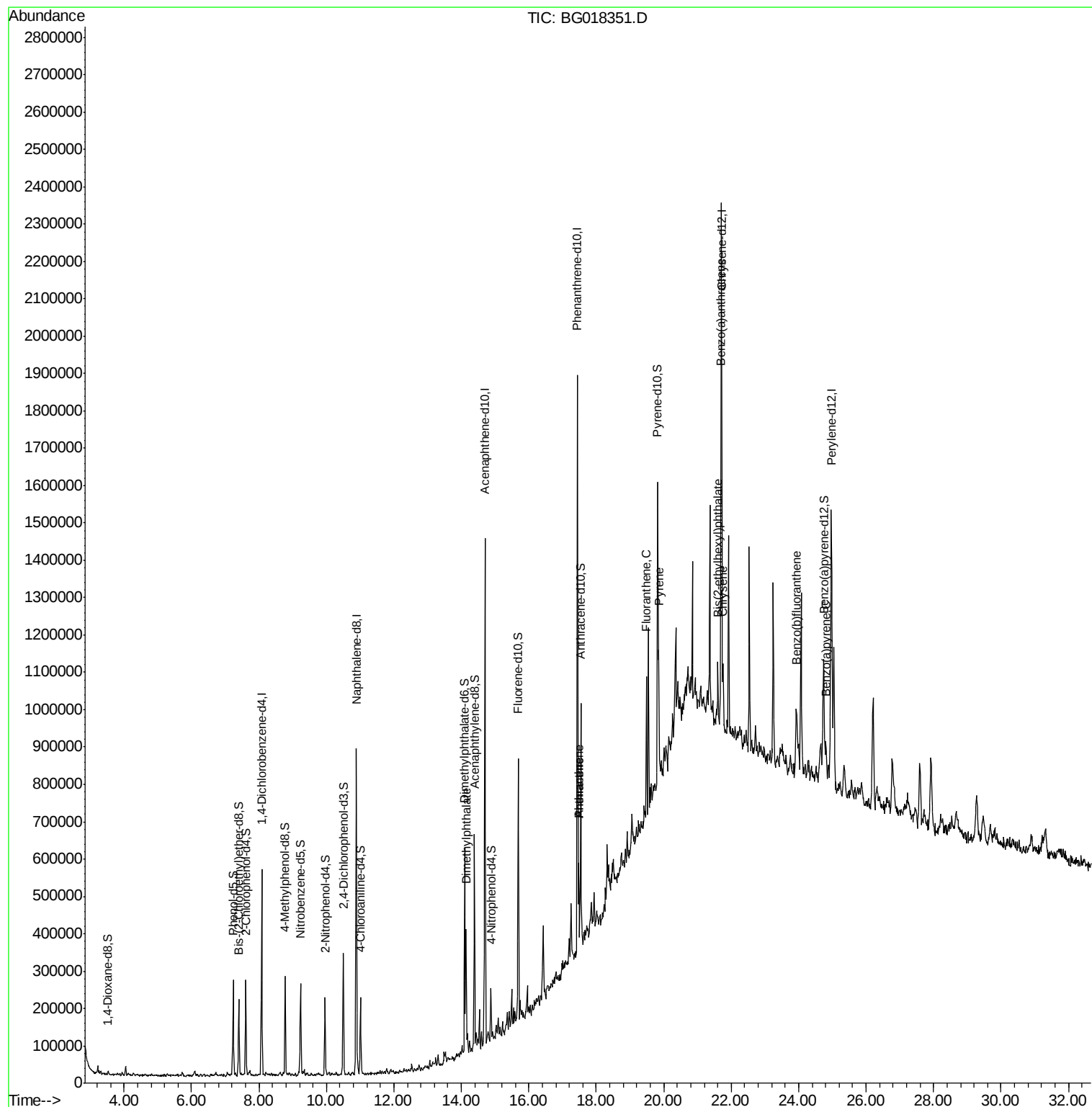
						Qvalue
45) Dimethylphthalate	14.14	163	200538	5.55	ng/ul	99
70) Phenanthrene	17.48	178	135448	2.80	ng/ul	93
72) Anthracene	17.48	178	135448	2.75	ng/ul	94
77) Fluoranthene	19.48	202	222628	4.32	ng/ul	97
80) Pyrene	19.85	202	204692	4.02	ng/ul	98
83) Benzo(a)anthracene	21.69	228	110636	2.36	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.60	149	52982	1.73	ng/ul#	92
85) Chrysene	21.76	228	112942	2.58	ng/ul#	93
88) Benzo(b)fluoranthene	23.93	252	176674	3.78	ng/ul#	90
91) Benzo(a)pyrene	24.81	252	117455	2.64	ng/ul#	82

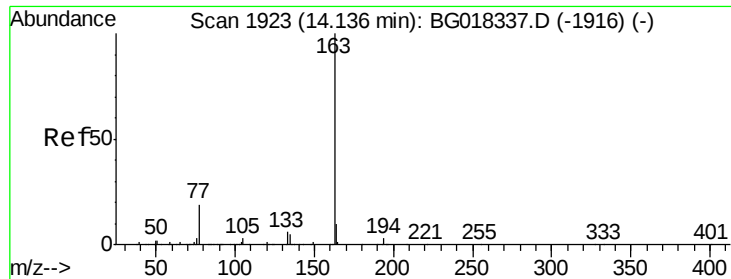
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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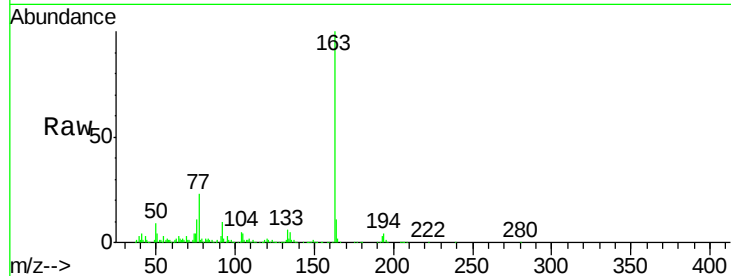




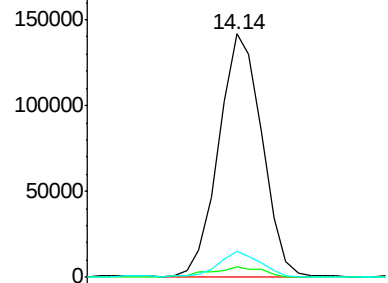
#45
Dimethylphthalate
Concen: 5.55 ng/ul
RT: 14.14 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

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BNA_G
ClientSampleId :
C02C7

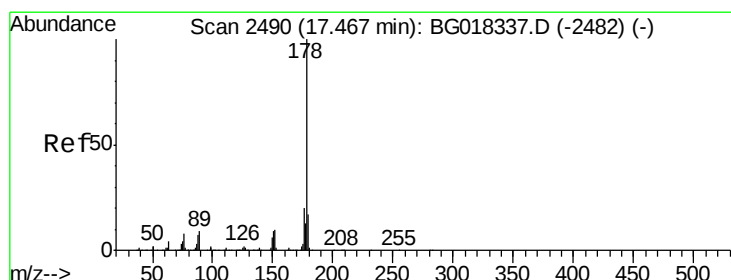
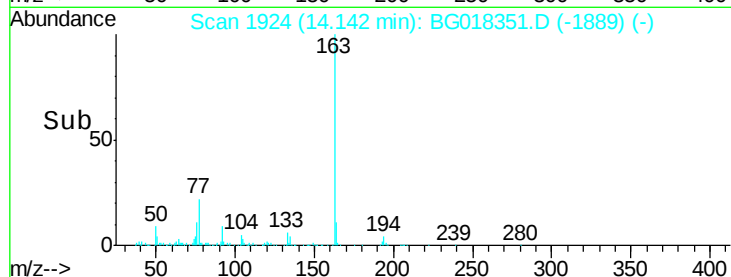
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.5	8.0	12.0



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

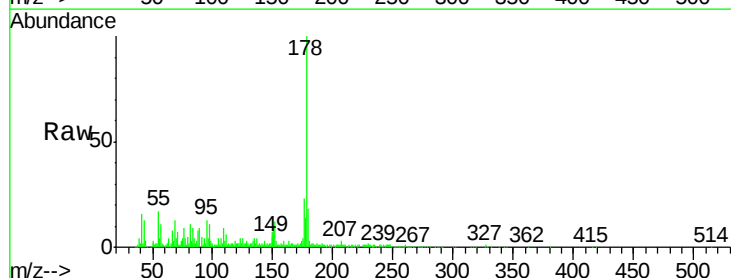


Time-->

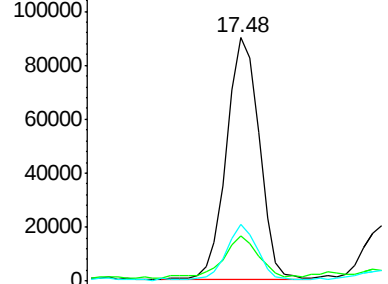


#70
Phenanthrene
Concen: 2.80 ng/ul
RT: 17.48 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BG018351.D
Acq: 10 Aug 2015 5:15

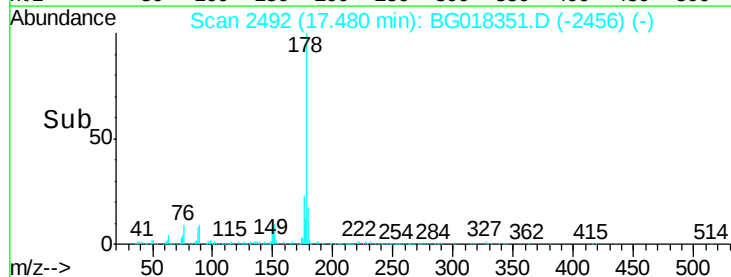
Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.4	18.6
176	23.1	15.9	23.9

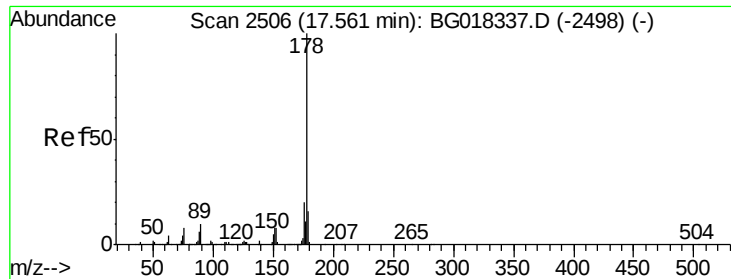


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Anthracene

Concen: 2.75 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.08 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Instrument :

BNA_G

ClientSampleId :

C02C7

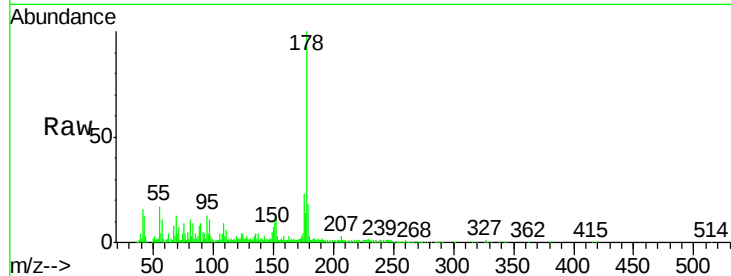
Tgt Ion:178 Resp: 135448

Ion Ratio Lower Upper

178 100

179 18.4 12.8 19.2

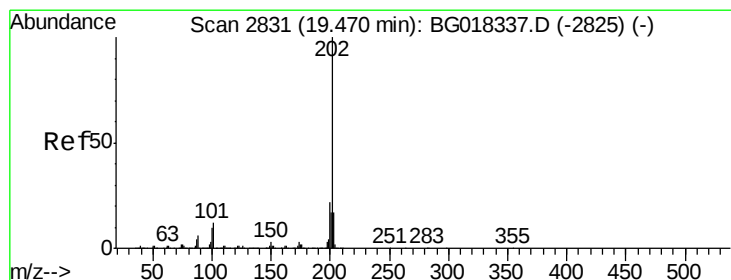
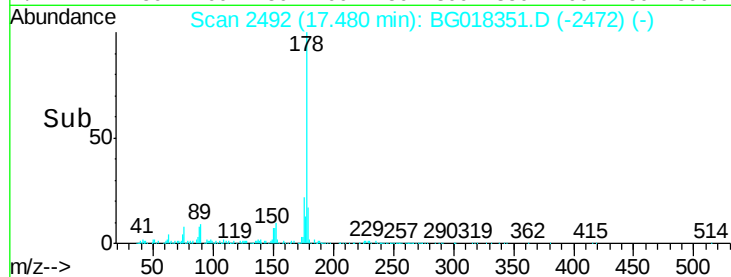
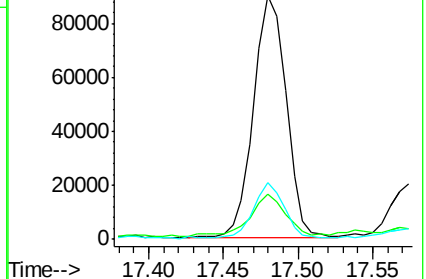
176 23.1 15.9 23.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 4.32 ng/ul

RT: 19.48 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

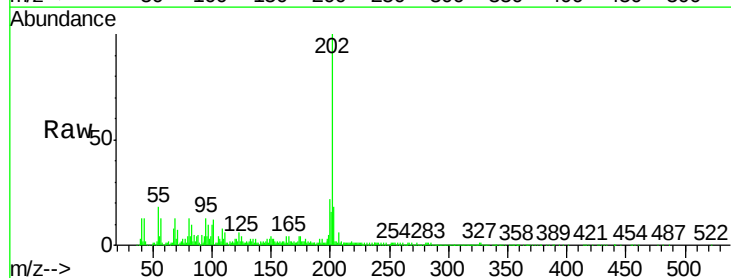
Tgt Ion:202 Resp: 222628

Ion Ratio Lower Upper

202 100

101 12.5 8.9 13.3

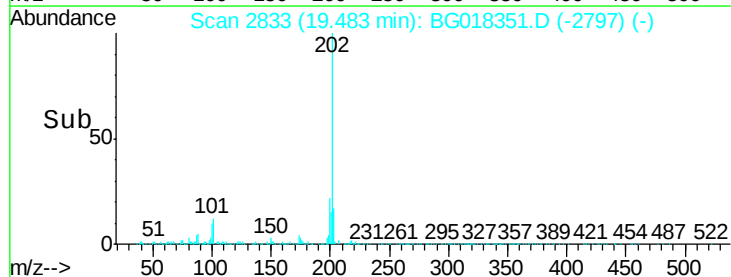
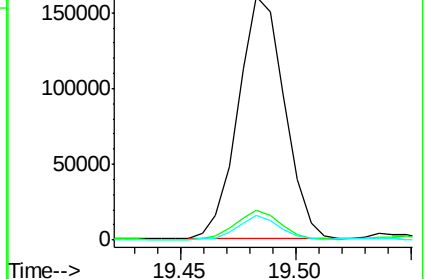
100 10.0 8.5 12.7

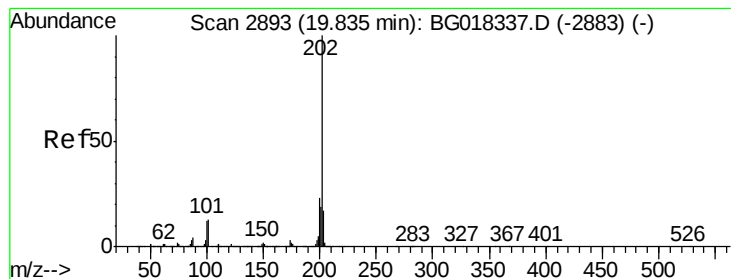


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 4.02 ng/ul

RT: 19.85 min Scan# 2895

Delta R.T. 0.01 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

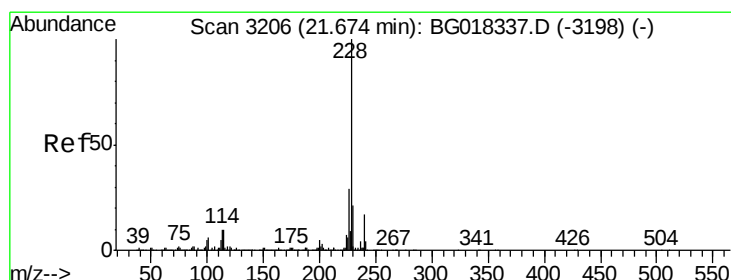
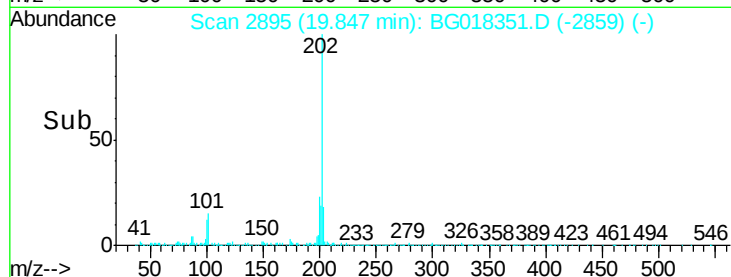
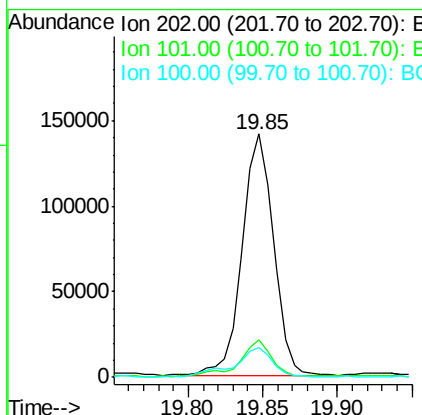
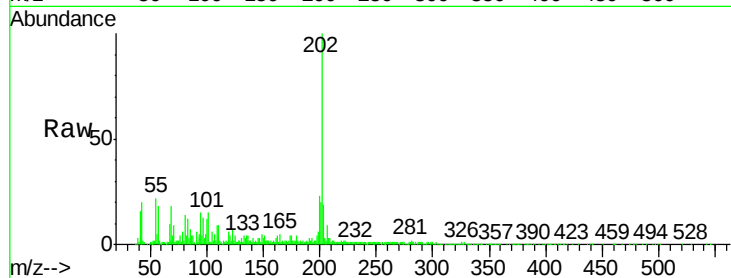
Instrument :

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Tgt Ion:	202	Resp:	204692
Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.3	16.9
100	12.5	9.6	14.4



#83

Benzo(a)anthracene

Concen: 2.36 ng/ul

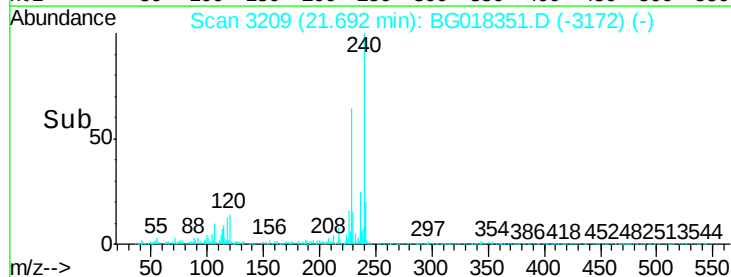
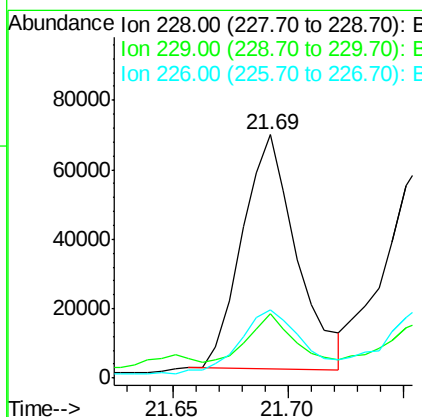
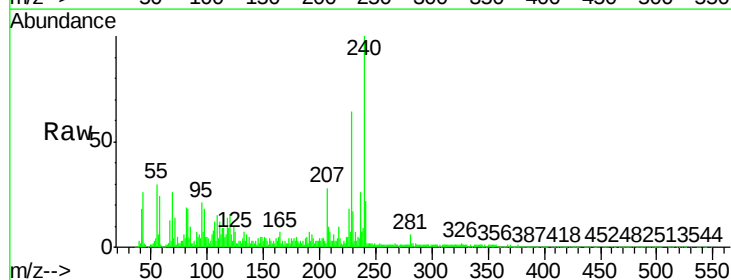
RT: 21.69 min Scan# 3209

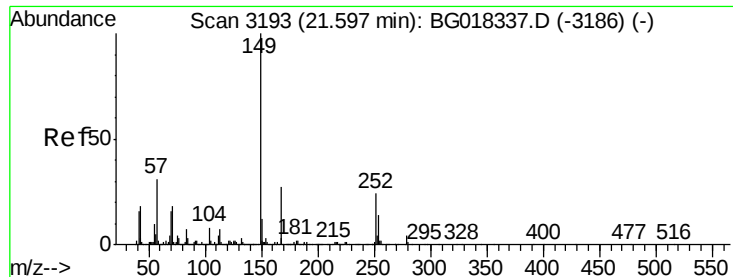
Delta R.T. 0.02 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Tgt Ion:	228	Resp:	110636
Ion	Ratio	Lower	Upper
228	100		
229	26.2	15.4	23.2#
226	28.0	22.3	33.5

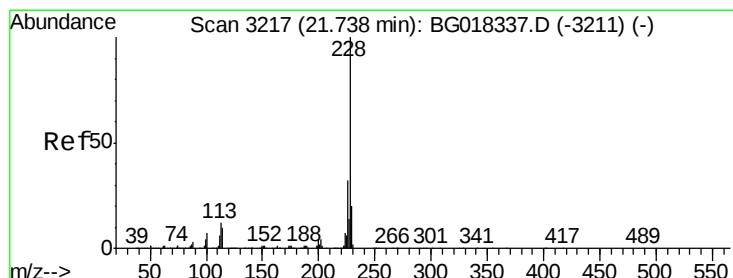
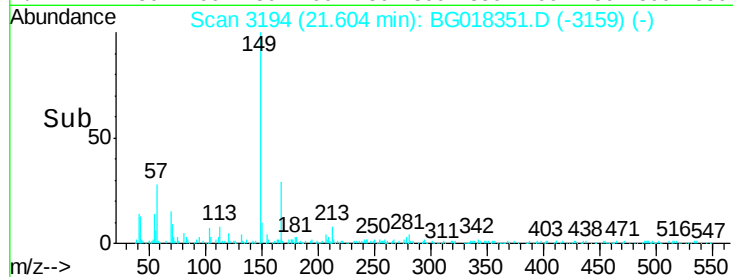
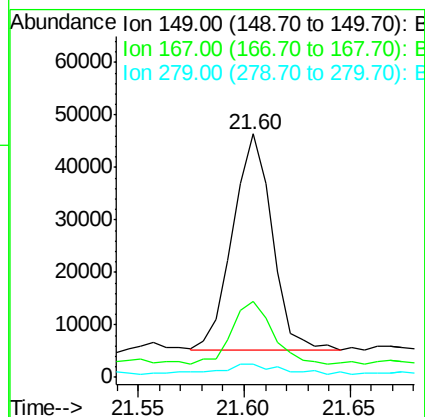
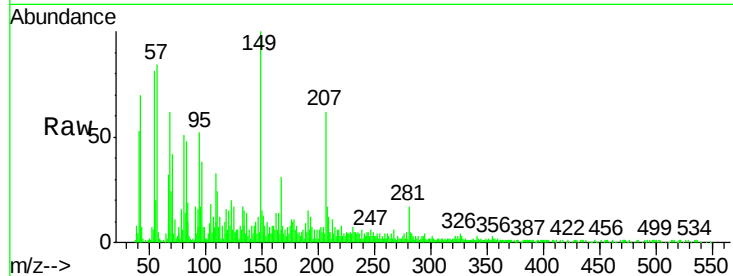




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.73 ng/ul
 RT: 21.60 min Scan# 3194
 Delta R.T. 0.01 min
 Lab File: BG018351.D
 Acq: 10 Aug 2015 5:15

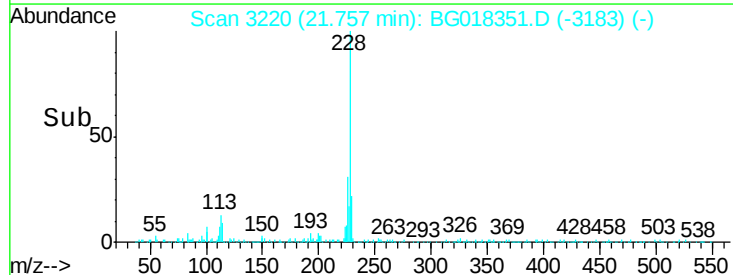
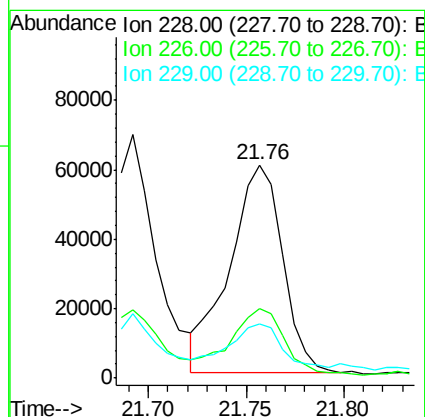
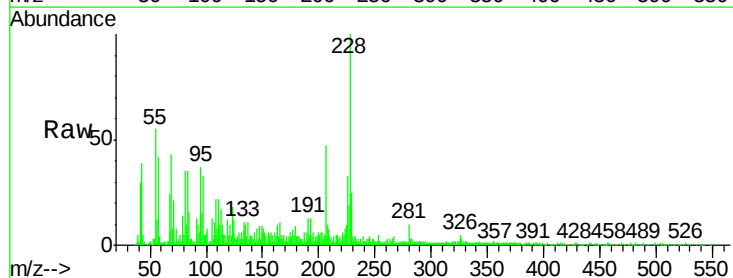
Instrument :
 BNA_G
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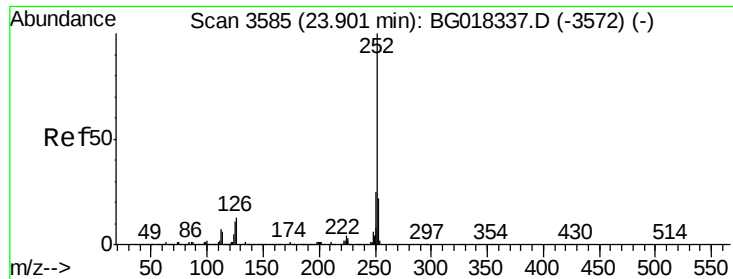
Tgt Ion:149 Resp: 52982
 Ion Ratio Lower Upper
 149 100
 167 31.3 21.8 32.6
 279 5.3 2.8 4.2#



#85
 Chrysene
 Concen: 2.58 ng/ul
 RT: 21.76 min Scan# 3220
 Delta R.T. 0.02 min
 Lab File: BG018351.D
 Acq: 10 Aug 2015 5:15

Tgt Ion:228 Resp: 112942
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.6 37.0
 229 25.4 16.0 24.0#





#88

Benzo(b)fluoranthene

Concen: 3.78 ng/ul

RT: 23.93 min Scan# 3590

Delta R.T. 0.03 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Instrument :

BNA_G

ClientSampleId :

C02C7

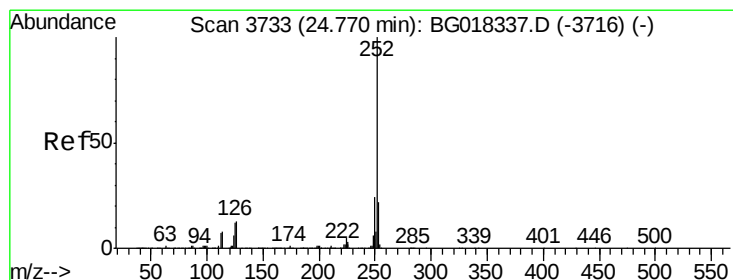
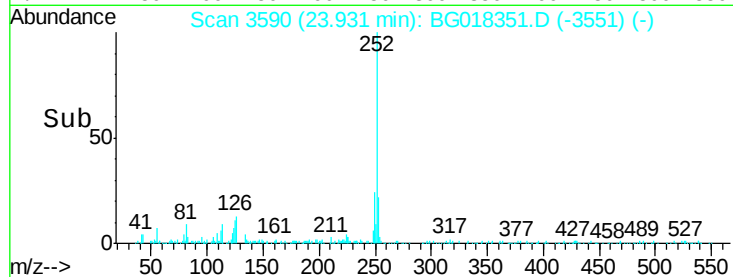
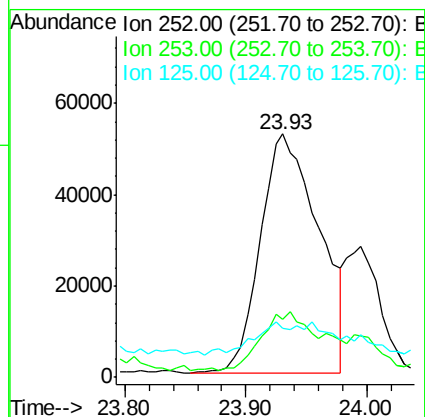
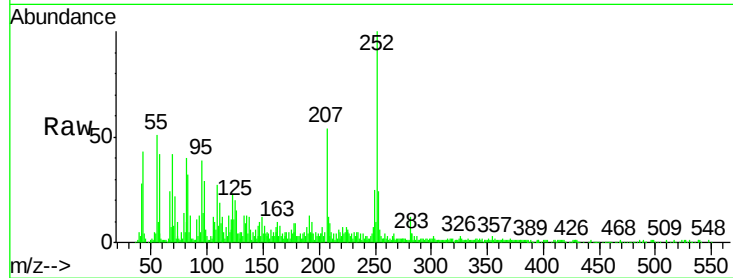
Tgt Ion:252 Resp: 176674

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

125 19.9 8.6 12.8#



#91

Benzo(a)pyrene

Concen: 2.64 ng/ul

RT: 24.81 min Scan# 3739

Delta R.T. 0.04 min

Lab File: BG018351.D

Acq: 10 Aug 2015 5:15

Tgt Ion:252 Resp: 117455

Ion Ratio Lower Upper

252 100

253 27.4 18.6 27.8

125 26.7 9.8 14.6#

