

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018373.D
 Acq On : 11 Aug 2015 3:16
 Operator : UM/MA
 Sample : G3136-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D1

Quant Time: Aug 11 04:53:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	180310	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	823392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	532003	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	1115926	20.00	ng/ul	0.01
78) Chrysene-d12	21.68	240	954476	20.00	ng/ul	0.02
86) Perylene-d12	24.92	264	950574	20.00	ng/ul	0.04

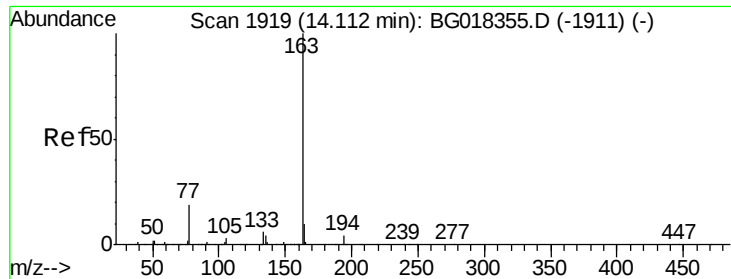
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	6936	1.70	ng/uL	0.00
5) Phenol-d5	7.20	99	154310	9.43	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	118502	11.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	128114	10.22	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	60610	4.41	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	67507	10.52	ng/ul	0.01
22) 2-Nitrophenol-d4	9.92	143	72145	11.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	116722	8.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	62505	3.99	ng/ul	0.01
44) Dimethylphthalate-d6	14.07	166	420263	9.39	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	383752	6.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	24620	3.06	ng/ul	0.01
58) Fluorene-d10	15.66	176	258330	6.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	9890	1.80	ng/ul	0.01
71) Anthracene-d10	17.51	188	343254	6.43	ng/ul	0.00
79) Pyrene-d10	19.79	212	321338	6.49	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.68	264	312174	6.19	ng/ul	0.03

Target Compounds

						Qvalue
45) Dimethylphthalate	14.11	163	254927	5.77	ng/ul	98
70) Phenanthrene	17.45	178	170841	2.82	ng/ul	100
72) Anthracene	17.45	178	171070	2.77	ng/ul	98
77) Fluoranthene	19.46	202	310013	4.79	ng/ul	98
80) Pyrene	19.82	202	289926	4.49	ng/ul	99
83) Benzo(a)anthracene	21.66	228	146584	2.48	ng/ul#	89
85) Chrysene	21.73	228	139999	2.53	ng/ul	97
88) Benzo(b)fluoranthene	23.89	252	201611	3.38	ng/ul#	88
91) Benzo(a)pyrene	24.75	252	153200	2.70	ng/ul#	85

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



#45

Dimethylphthalate

Concen: 5.77 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018373.D

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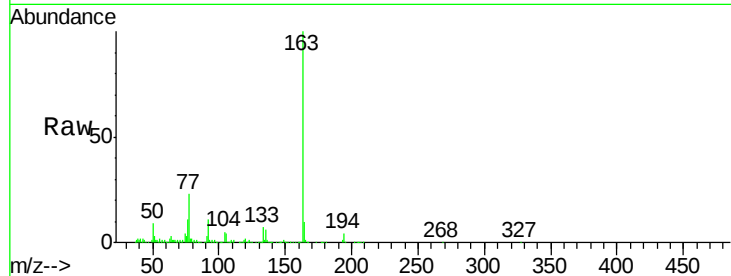
Tgt Ion:163 Resp: 254927

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

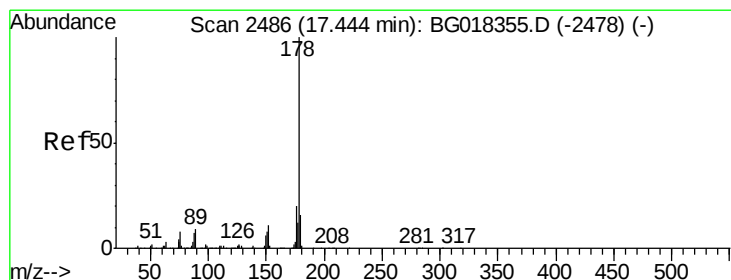
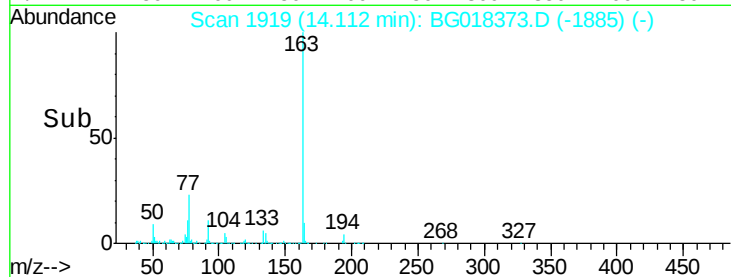
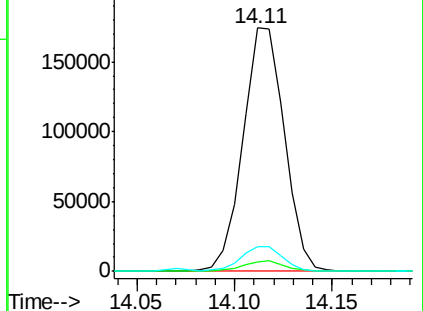
164 10.4 7.7 11.5



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



#70

Phenanthrene

Concen: 2.82 ng/ul

RT: 17.45 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BG018373.D

Acq: 11 Aug 2015 3:16

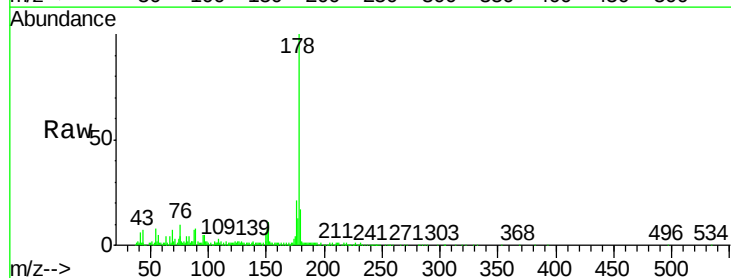
Tgt Ion:178 Resp: 170841

Ion Ratio Lower Upper

178 100

179 17.3 13.7 20.5

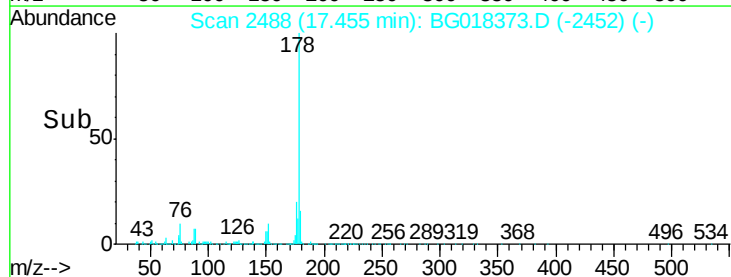
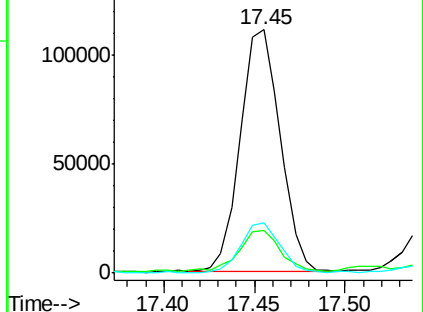
176 20.6 16.6 24.8

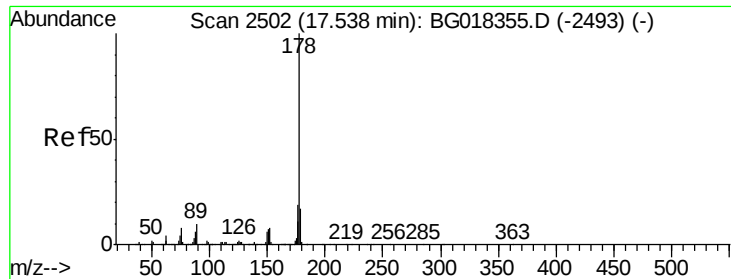


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.77 ng/ul

RT: 17.45 min Scan# 2488

Delta R.T. -0.08 min

Lab File: BG018373.D

Acq: 11 Aug 2015 3:16

Instrument :

BNA_G

ClientSampleId :

C02D1

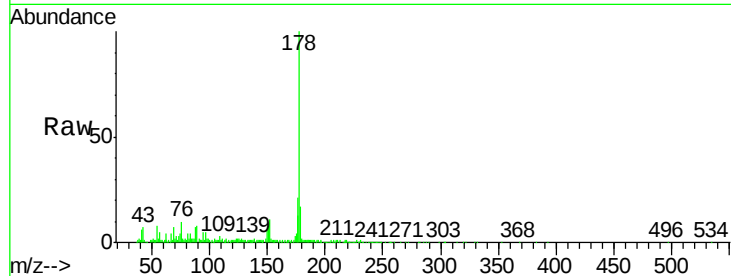
Tgt Ion:178 Resp: 171070

Ion Ratio Lower Upper

178 100

179 17.3 13.0 19.4

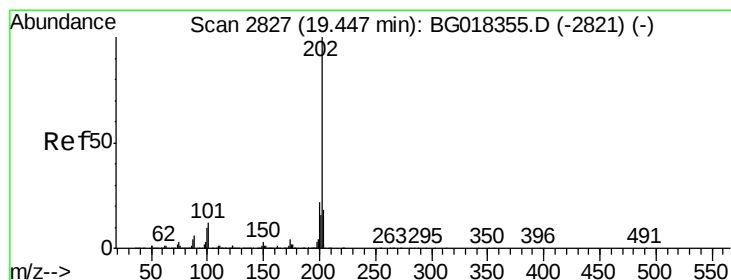
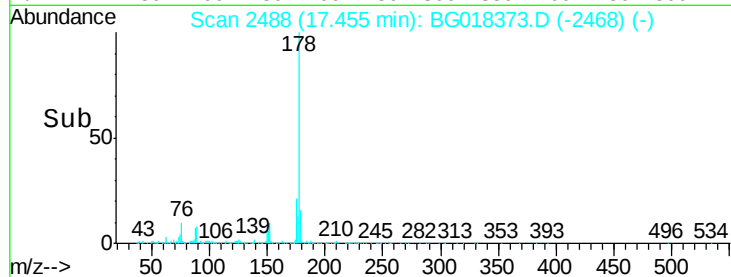
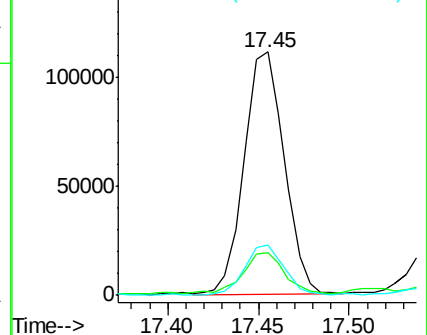
176 20.6 16.0 24.0



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: 4.79 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG018373.D

Acq: 11 Aug 2015 3:16

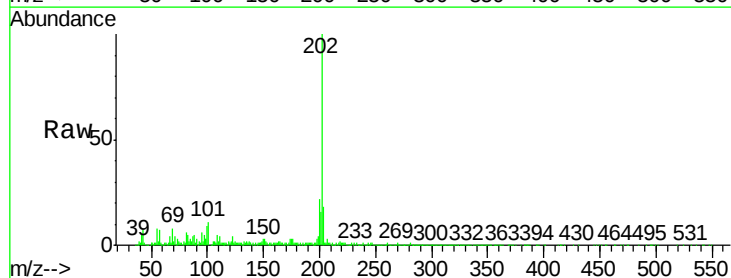
Tgt Ion:202 Resp: 310013

Ion Ratio Lower Upper

202 100

101 10.7 9.7 14.5

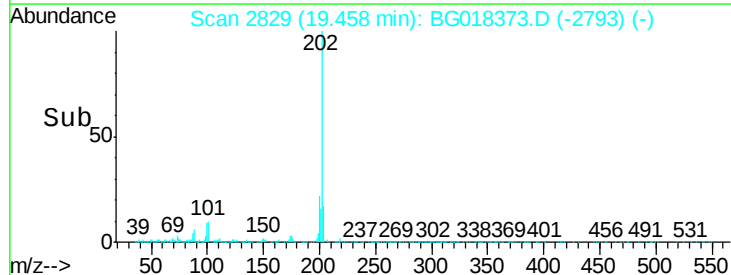
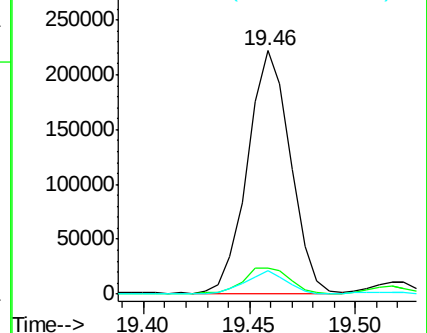
100 9.5 7.8 11.8

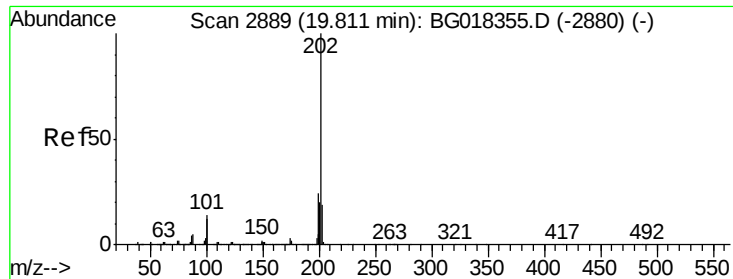


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

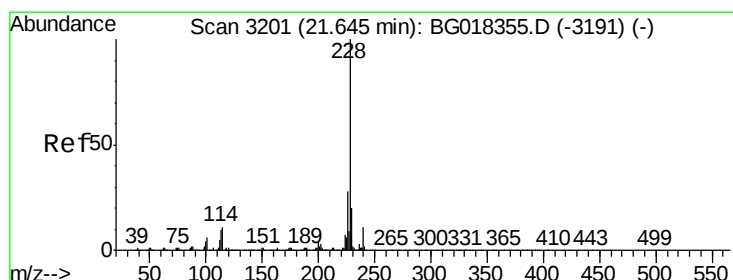
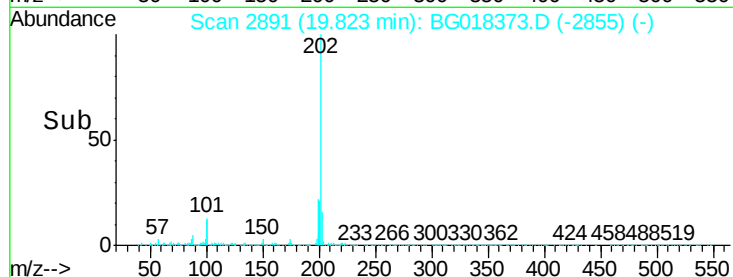
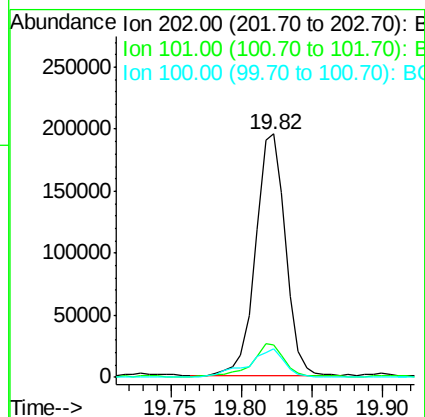
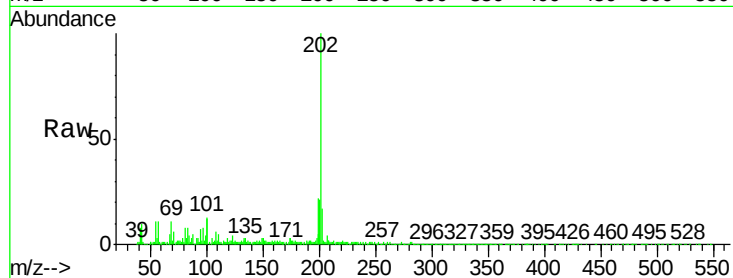




#80
Pyrene
Concen: 4.49 ng/ul
RT: 19.82 min Scan# 2891
Delta R.T. 0.01 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

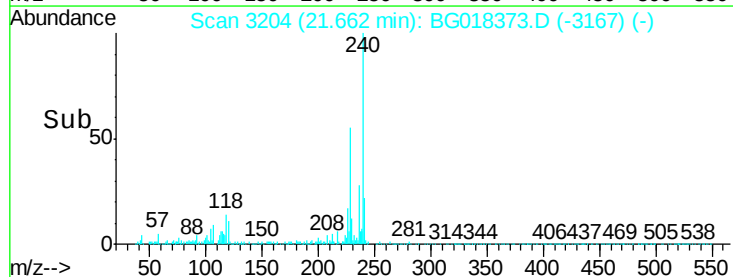
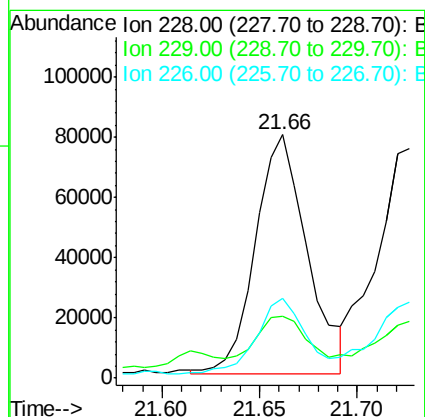
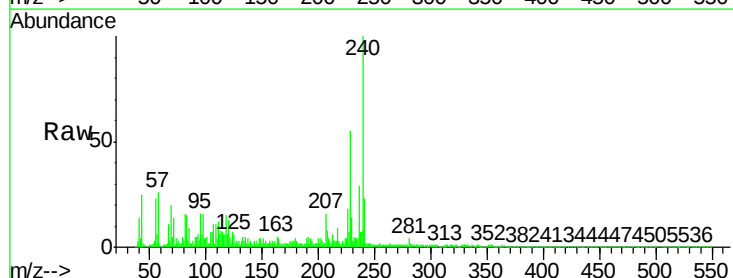
Instrument :
BNA_G
ClientSampled :
C02D1

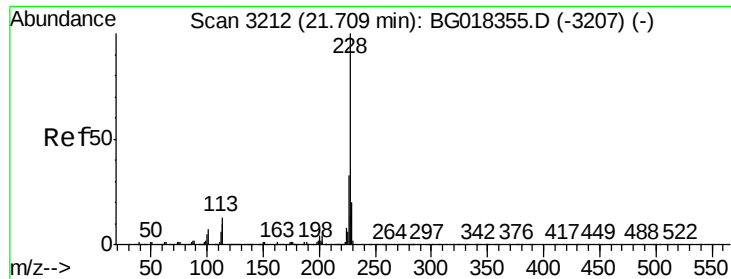
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
100	11.7	9.8	14.6



#83
Benzo(a)anthracene
Concen: 2.48 ng/ul
RT: 21.66 min Scan# 3204
Delta R.T. 0.02 min
Lab File: BG018373.D
Acq: 11 Aug 2015 3:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.5	23.3#
226	32.6	22.1	33.1





#85

Chrysene

Concen: 2.53 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.02 min

Lab File: BG018373.D

Acq: 11 Aug 2015 3:16

Instrument :

BNA_G

ClientSampleId :

C02D1

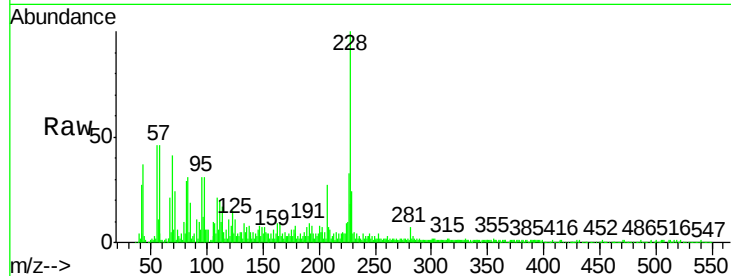
Tgt Ion:228 Resp: 139999

Ion Ratio Lower Upper

228 100

226 32.8 26.5 39.7

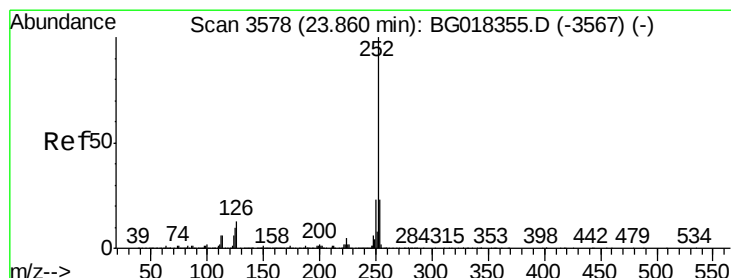
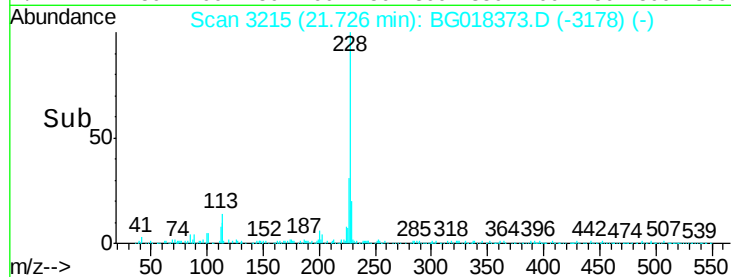
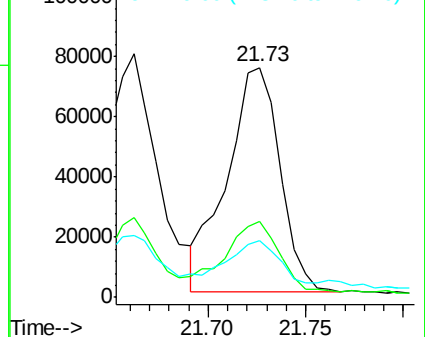
229 24.5 16.9 25.3



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: 3.38 ng/ul

RT: 23.89 min Scan# 3583

Delta R.T. 0.04 min

Lab File: BG018373.D

Acq: 11 Aug 2015 3:16

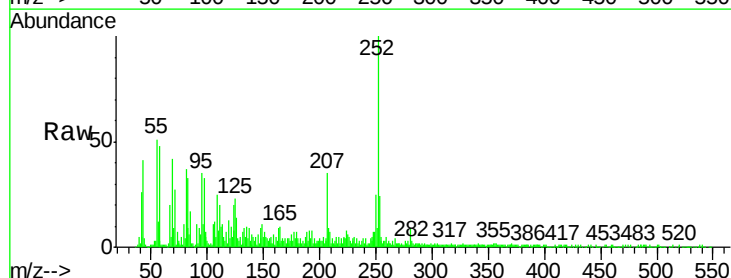
Tgt Ion:252 Resp: 201611

Ion Ratio Lower Upper

252 100

253 24.1 18.1 27.1

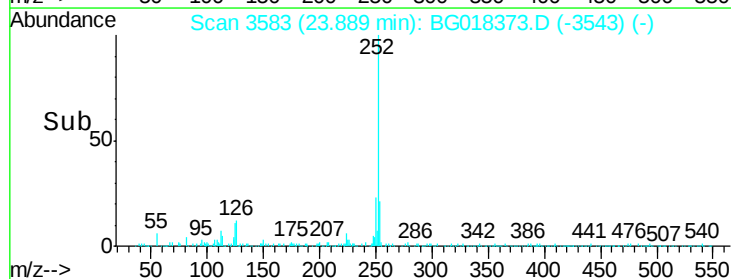
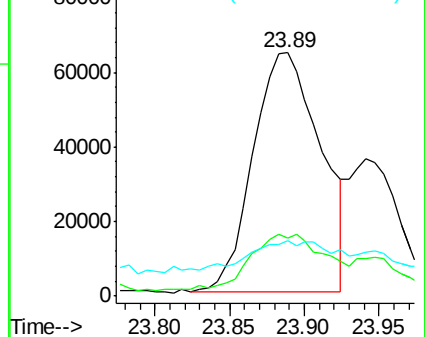
125 22.7 8.3 12.5#

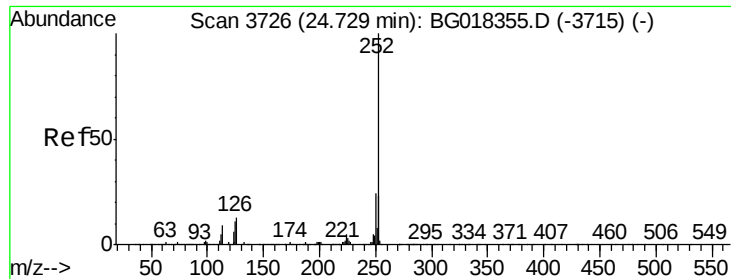


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.70 ng/ul

RT: 24.75 min Scan# 3730

Delta R.T. 0.03 min

Lab File: BG018373.D

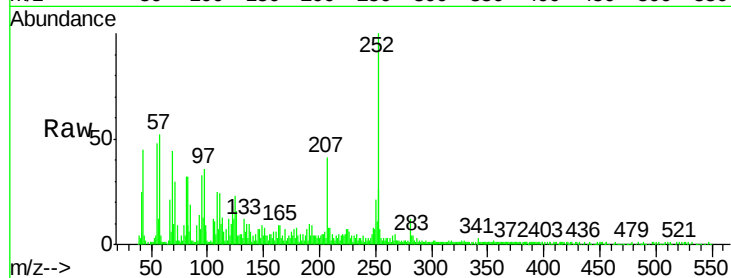
Acq: 11 Aug 2015 3:16

Instrument :

BNA_G

ClientSampleId :

C02D1



Tgt Ion:	252	Resp:	153200
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.7	26.5
125	22.9	10.2	15.2

