

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021380.D
 Acq On : 8 Mar 2016 23:48
 Operator : UM/SJ
 Sample : H1655-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-B280

Quant Time: Mar 09 02:04:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 09 02:03:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	13272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	63173	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	36434	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	98154	20.00	ng/ul	0.09
78) Chrysene-d12	21.73	240	89597	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	83994	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1184	3.72	ng/uL	0.00
5) Phenol-d5	7.27	99	29656	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	21165	23.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21384	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	22898	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10910	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11858	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	19763	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	27741	23.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	66930	22.22	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	87312	22.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10407	17.54	ng/ul	0.00
58) Fluorene-d10	15.72	176	61757	23.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	10292	14.94	ng/ul	0.00
71) Anthracene-d10	17.57	188	98154	20.29	ng/ul	0.00
79) Pyrene-d10	19.84	212	106420	23.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	90507	20.25	ng/ul	0.00

Target Compounds

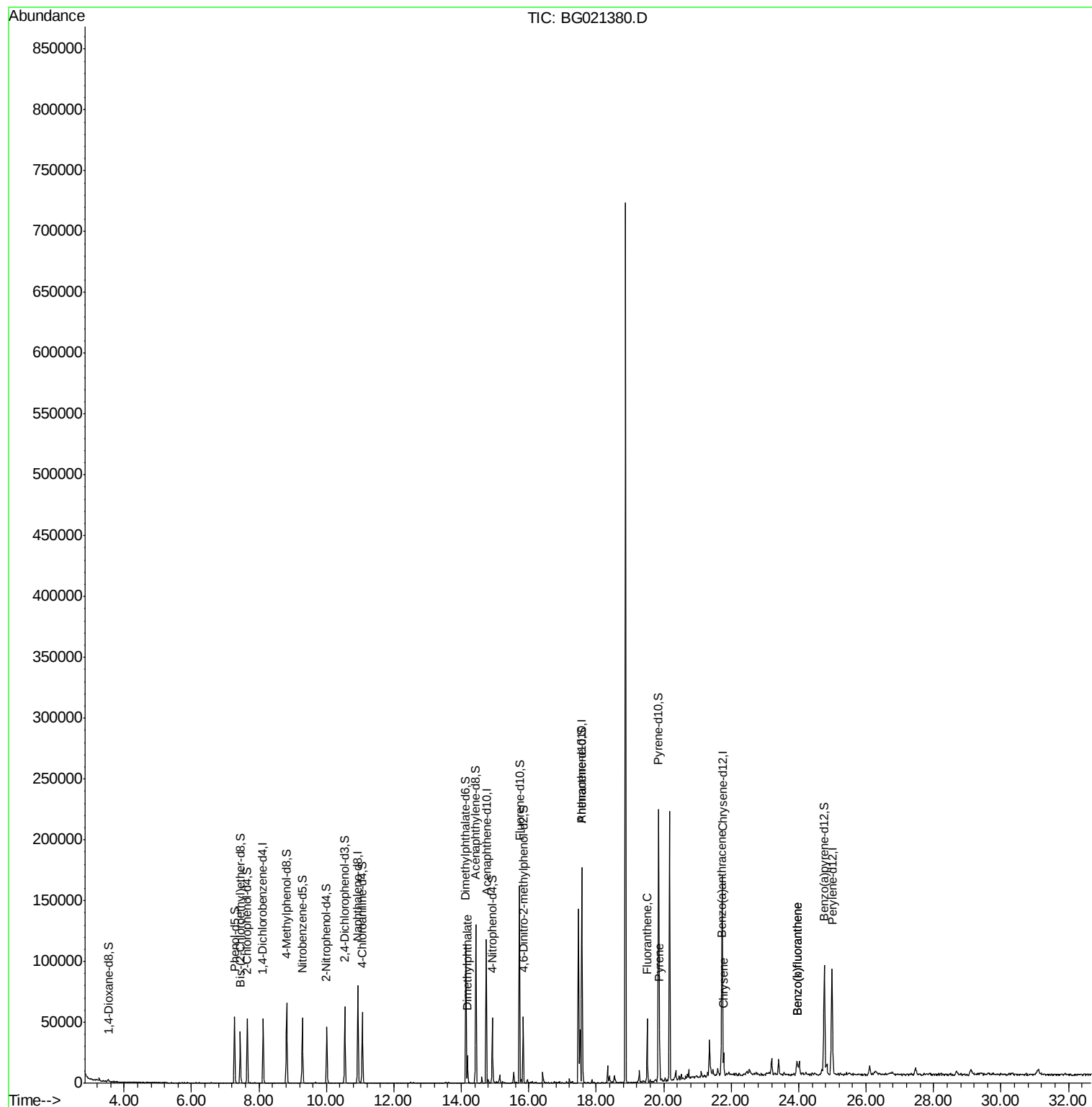
						Qvalue
45) Dimethylphthalate	14.18	163	12791	3.95	ng/ul	98
77) Fluoranthene	19.51	202	29840	4.36	ng/ul	97
80) Pyrene	19.87	202	23872	4.02	ng/ul#	95
83) Benzo(a)anthracene	21.71	228	14597	2.54	ng/ul	98
85) Chrysene	21.77	228	12854	2.40	ng/ul	99
88) Benzo(b)fluoranthene	23.94	252	6017	1.05	ng/ul#	95
89) Benzo(k)fluoranthene	23.94	252	6017	1.08	ng/ul#	95

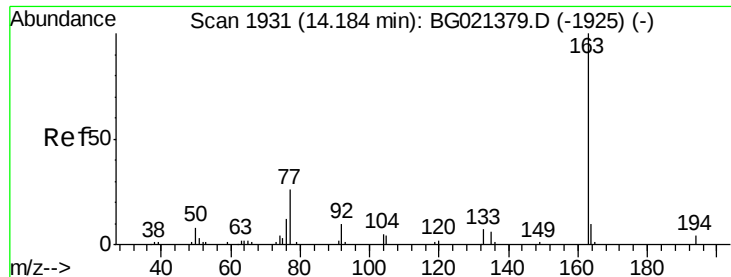
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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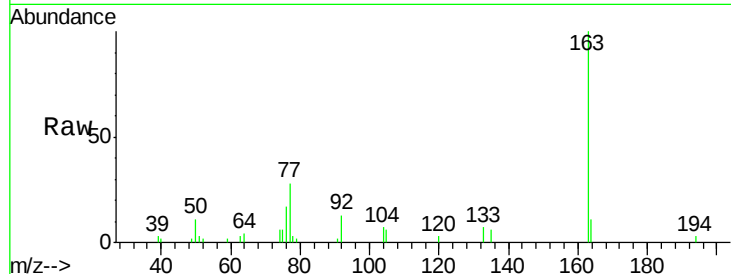




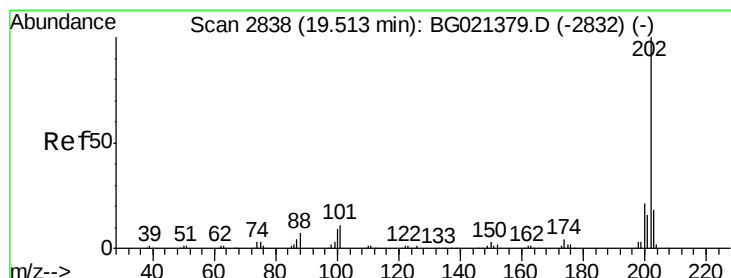
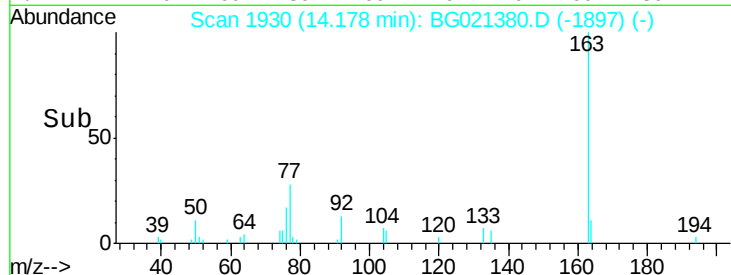
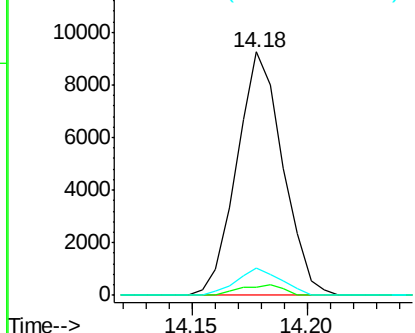
#45
Dimethylphthalate
Concen: 3.95 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG021380.D
Acq: 8 Mar 2016 23:48

Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

Tgt Ion:163 Resp: 12791
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 11.1 8.2 12.2

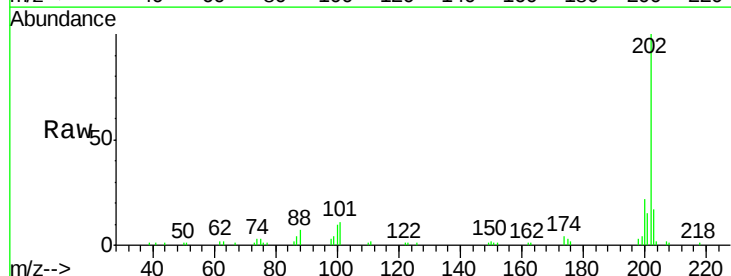


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

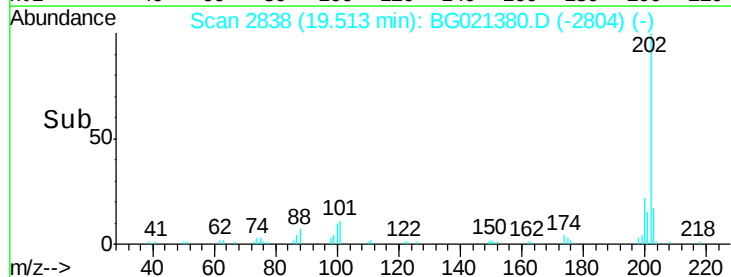
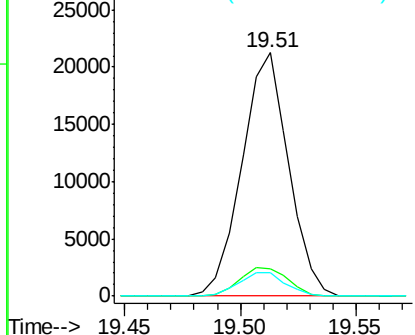


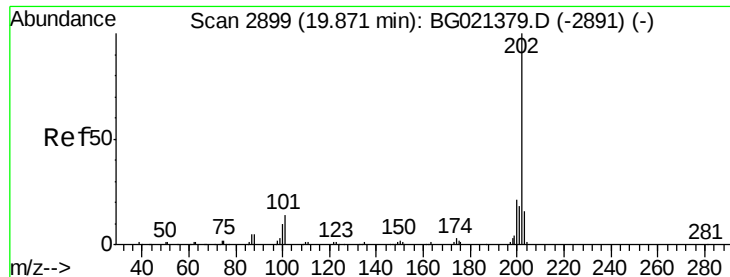
#77
Fluoranthene
Concen: 4.36 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG021380.D
Acq: 8 Mar 2016 23:48

Tgt Ion:202 Resp: 29840
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.5 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

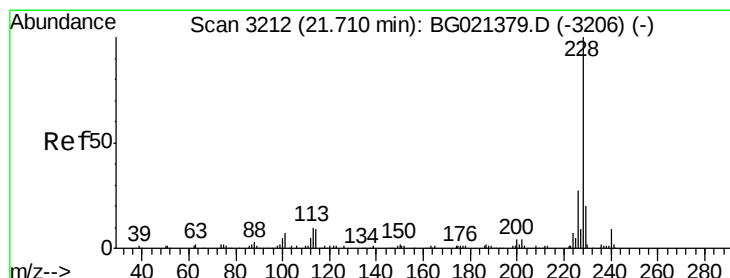
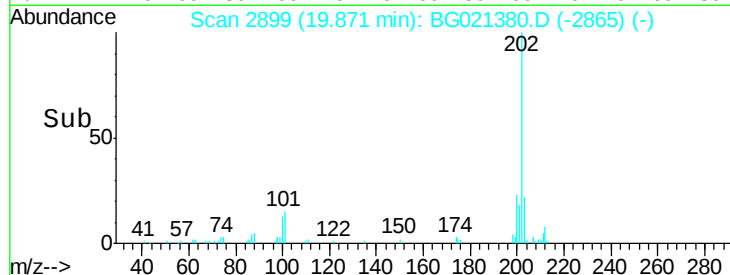
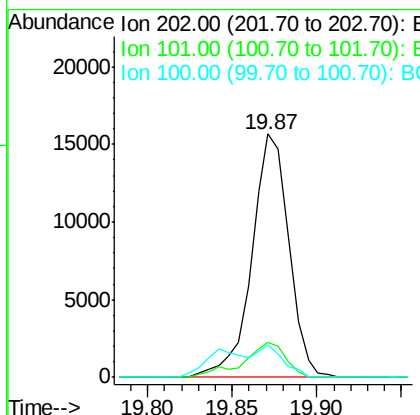
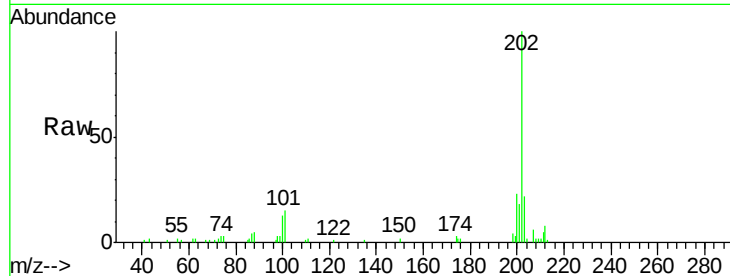




#80
Pyrene
Concen: 4.02 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021380.D
Acq: 8 Mar 2016 23:48

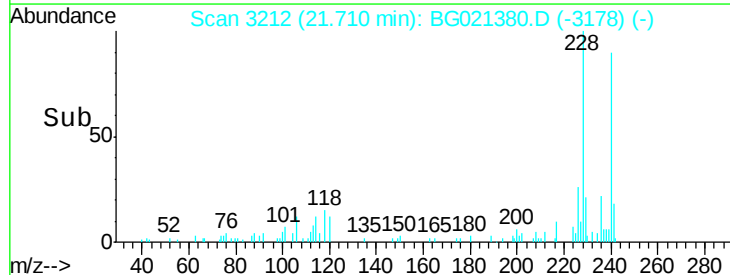
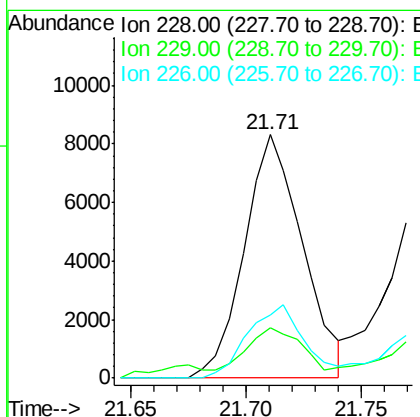
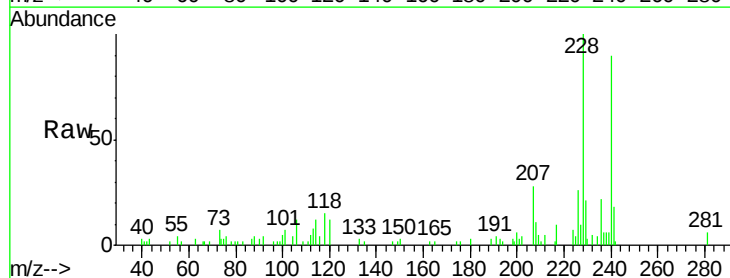
Instrument :
BNA_G
ClientSampleId :
MS-SS-B280

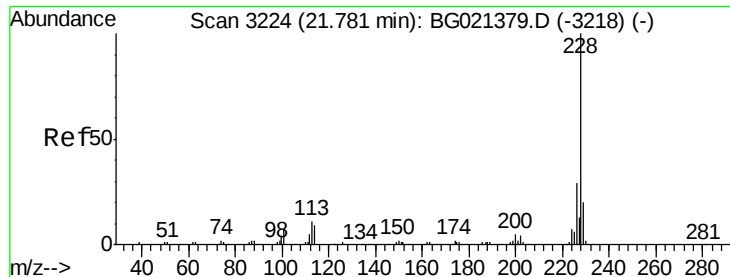
Tgt Ion:202 Resp: 23872
Ion Ratio Lower Upper
202 100
101 14.6 11.0 16.4
100 13.2 8.1 12.1#



#83
Benzo(a)anthracene
Concen: 2.54 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021380.D
Acq: 8 Mar 2016 23:48

Tgt Ion:228 Resp: 14597
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 25.9 21.1 31.7





#85

Chrysene

Concen: 2.40 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG021380.D

Acq: 8 Mar 2016 23:48

Instrument :

BNA_G

ClientSampleId :

MS-SS-B280

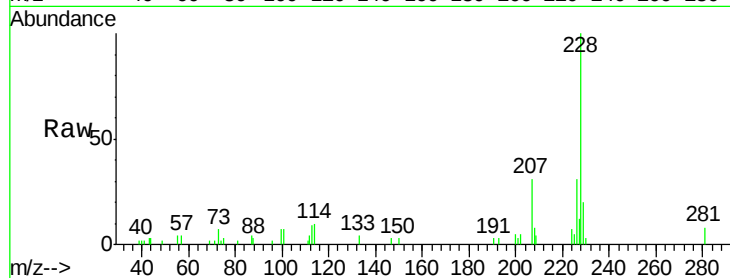
Tgt Ion:228 Resp: 12854

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

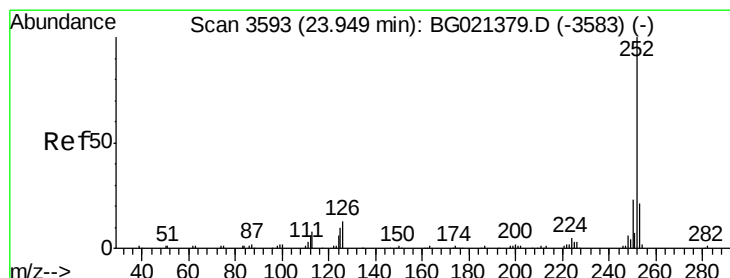
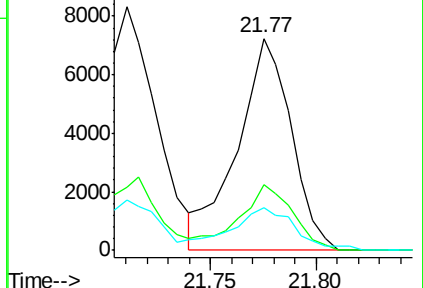
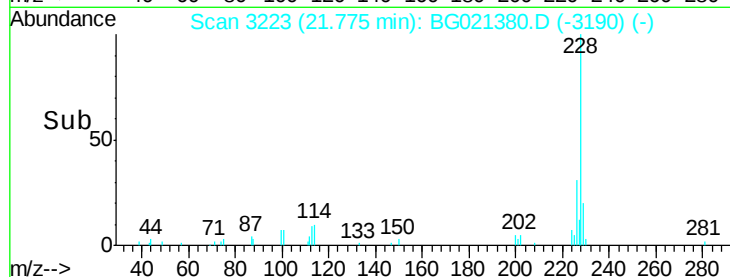
229 20.3 15.8 23.8



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: 1.05 ng/ul

RT: 23.94 min Scan# 3592

Delta R.T. -0.01 min

Lab File: BG021380.D

Acq: 8 Mar 2016 23:48

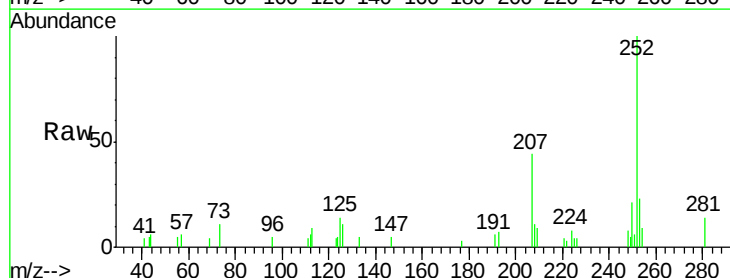
Tgt Ion:252 Resp: 6017

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

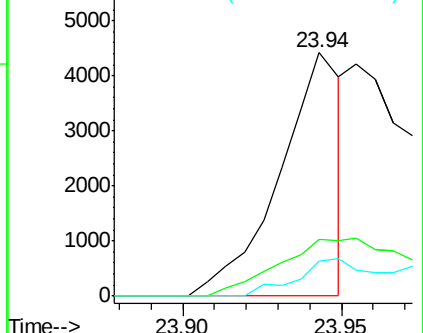
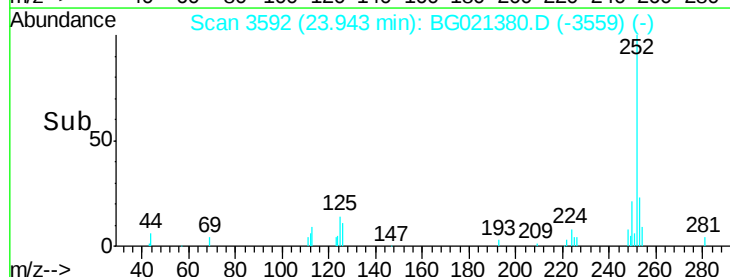
125 14.4 8.0 12.0#

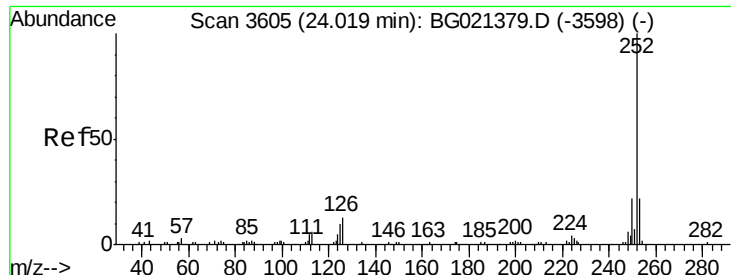


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.08 ng/ul

RT: 23.94 min Scan# 3592

Delta R.T. -0.08 min

Lab File: BG021380.D

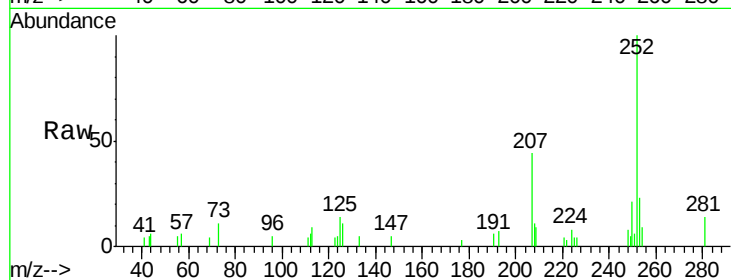
Acq: 8 Mar 2016 23:48

Instrument :

BNA_G

ClientSampleId :

MS-SS-B280



Tgt Ion:	252	Resp:	6017
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	14.4	8.1	12.1

