

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
 Data File : BG021383.D
 Acq On : 9 Mar 2016 1:46
 Operator : UM/SJ
 Sample : H1655-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-E350

Quant Time: Mar 09 03:17:54 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	10947	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	54078	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	32048	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72299	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74737	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	68904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1253	4.77	ng/uL	0.00
5) Phenol-d5	7.28	99	30145	26.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	21042	27.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	21807	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	24383	26.92	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	11142	25.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11838	25.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	21137	25.68	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	27313	26.57	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	69910	26.38	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	90513	27.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	10234	19.61	ng/ul	0.00
58) Fluorene-d10	15.72	176	62858	26.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9668	19.05	ng/ul	0.00
71) Anthracene-d10	17.57	188	96952	27.20	ng/ul	0.00
79) Pyrene-d10	19.84	212	100560	26.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	83355	22.73	ng/ul	0.00

Target Compounds

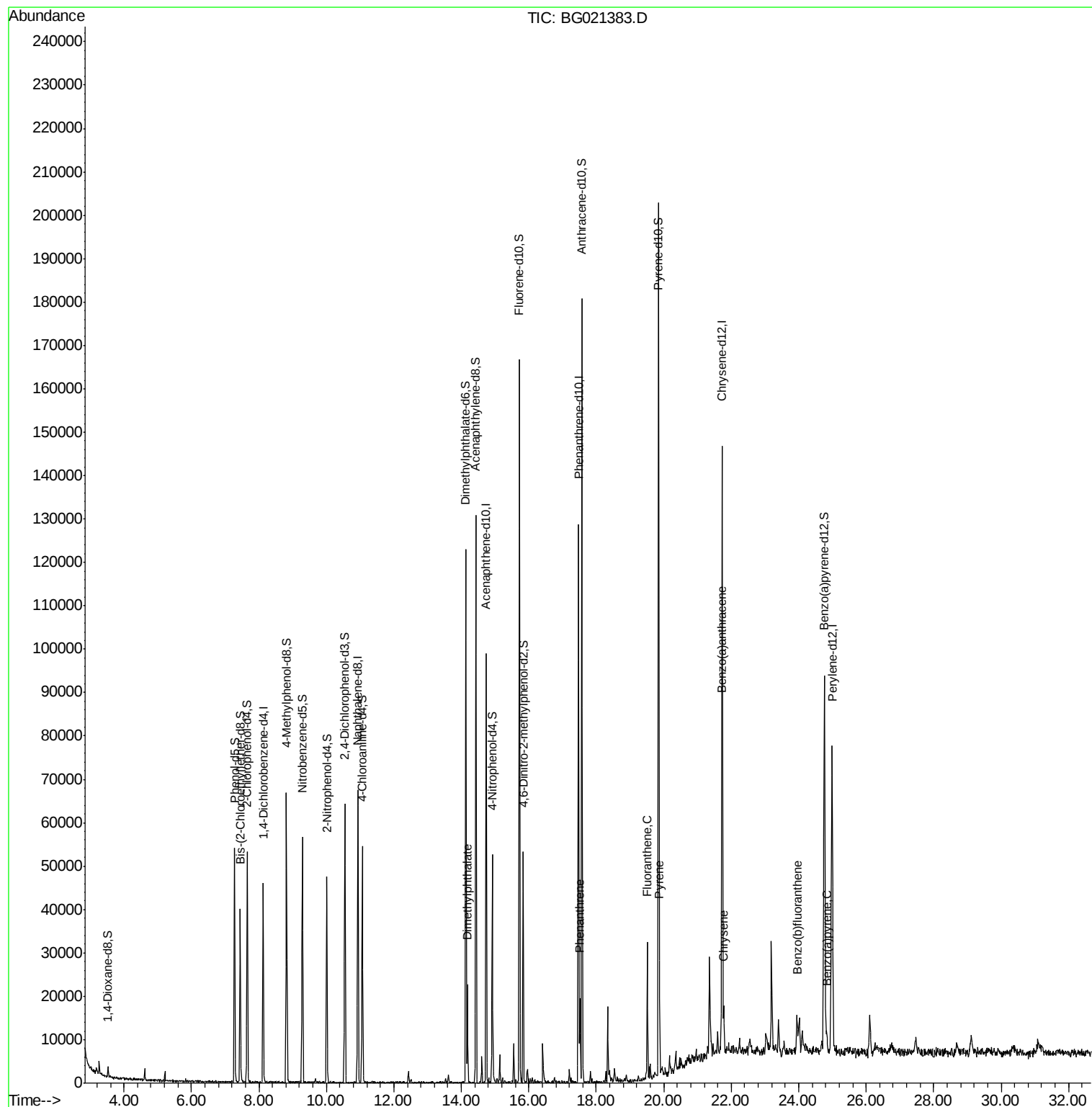
						Qvalue
45) Dimethylphthalate	14.18	163	13222	4.64	ng/ul#	94
70) Phenanthrene	17.51	178	11281	2.63	ng/ul#	92
77) Fluoranthene	19.51	202	18454	3.66	ng/ul	97
80) Pyrene	19.87	202	14619	2.95	ng/ul	95
83) Benzo(a)anthracene	21.71	228	8924	1.86	ng/ul	97
85) Chrysene	21.78	228	8813	1.97	ng/ul	97
88) Benzo(b)fluoranthene	23.96	252	8633	1.84	ng/ul#	90
91) Benzo(a)pyrene	24.84	252	5652	1.25	ng/ul	97

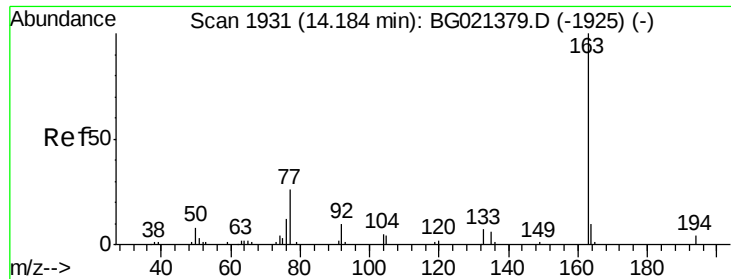
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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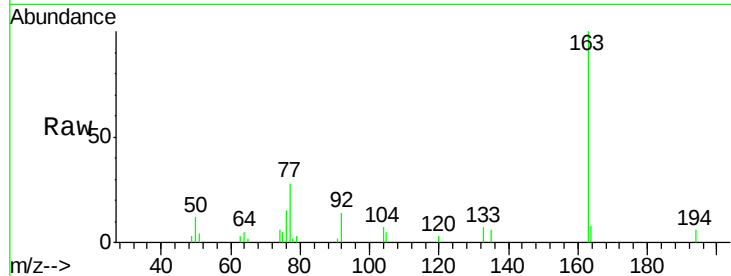




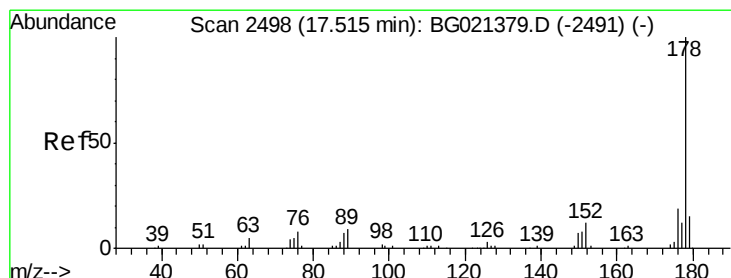
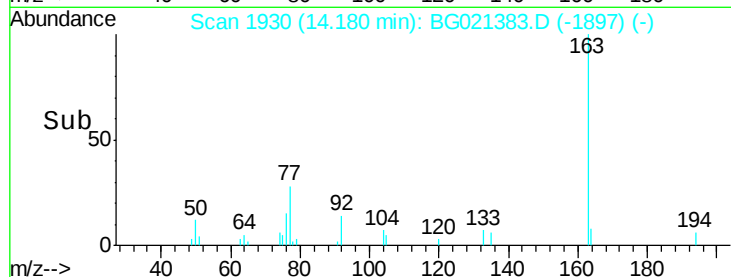
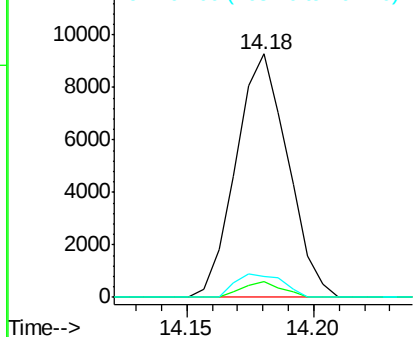
#45
Dimethylphthalate
Concen: 4.64 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021383.D
Acq: 9 Mar 2016 1:46

Instrument :
BNA_G
ClientSampleId :
MS-SS-E350

Tgt Ion:163 Resp: 13222
Ion Ratio Lower Upper
163 100
194 6.3 2.8 4.2#
164 8.5 8.2 12.2

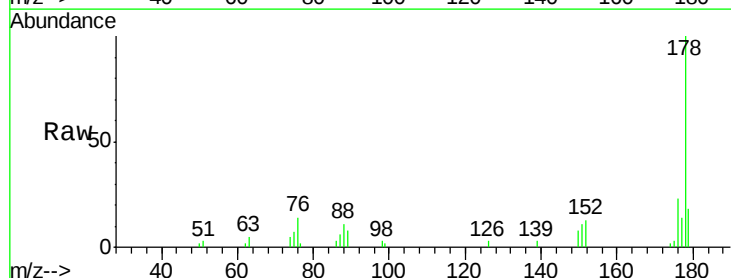


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

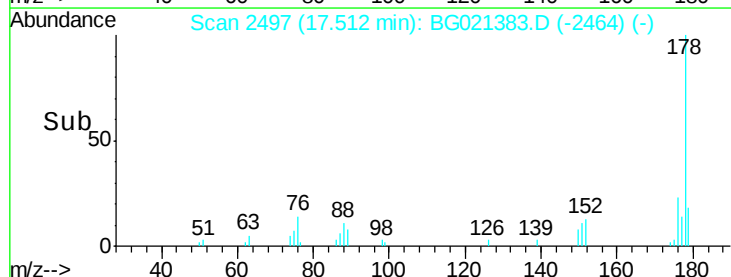
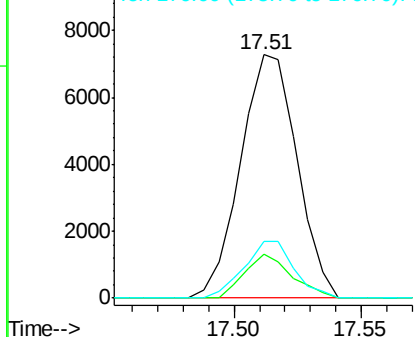


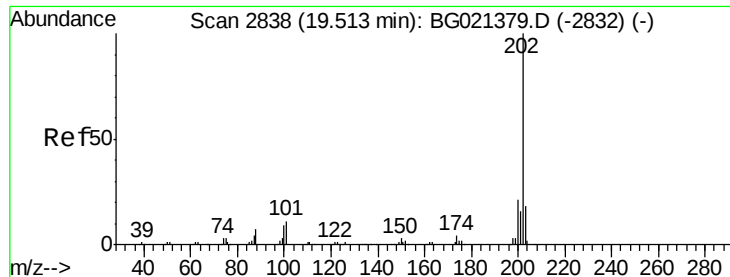
#70
Phenanthrene
Concen: 2.63 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021383.D
Acq: 9 Mar 2016 1:46

Tgt Ion:178 Resp: 11281
Ion Ratio Lower Upper
178 100
179 17.8 12.3 18.5
176 23.3 15.1 22.7#



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: 3.66 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

Instrument :

BNA_G

ClientSampleId :

MS-SS-E350

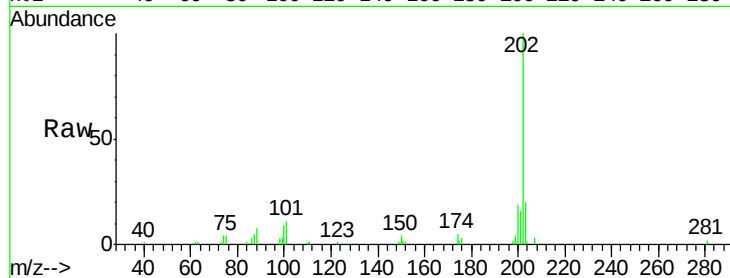
Tgt Ion:202 Resp: 18454

Ion Ratio Lower Upper

202 100

101 10.6 9.9 14.9

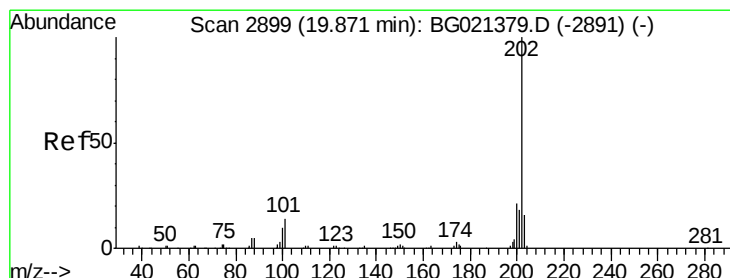
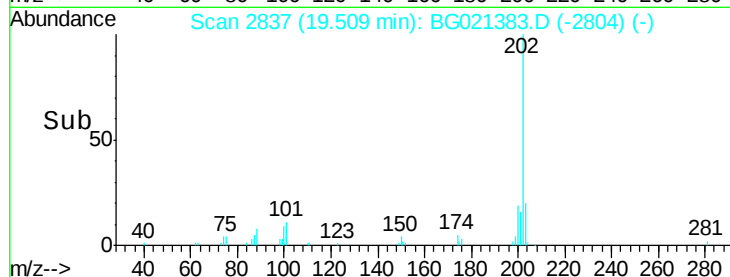
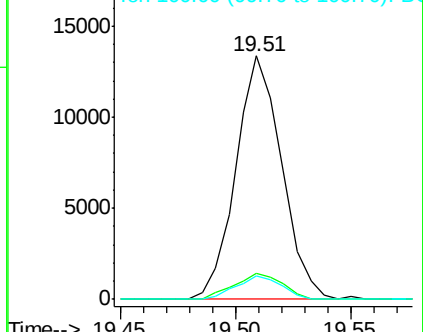
100 9.5 7.4 11.0



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: 2.95 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

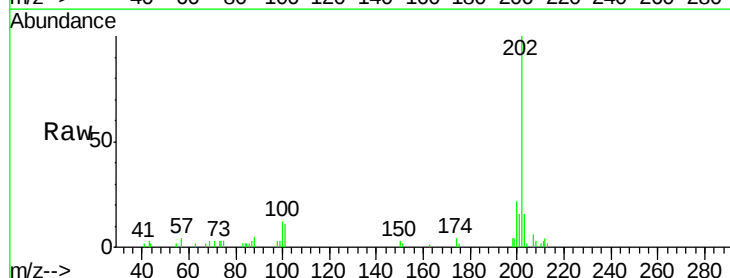
Tgt Ion:202 Resp: 14619

Ion Ratio Lower Upper

202 100

101 11.4 11.0 16.4

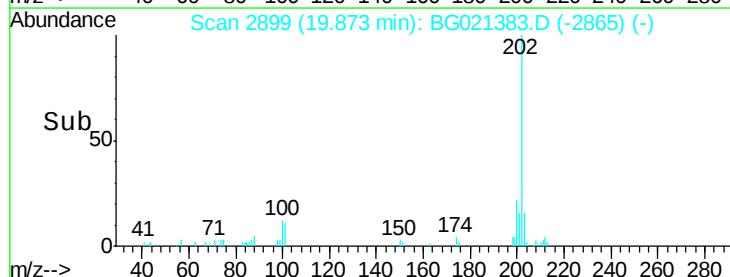
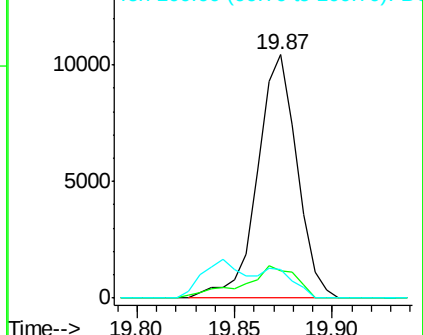
100 11.7 8.1 12.1

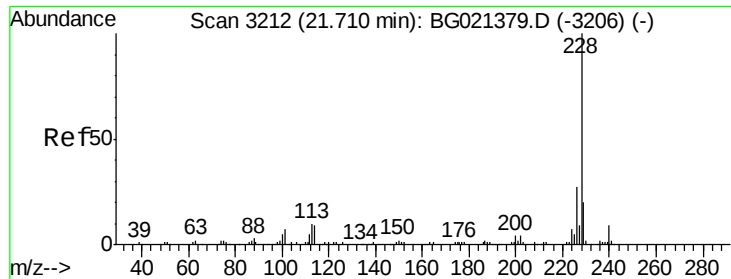


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

Instrument :

BNA_G

ClientSampleId :

MS-SS-E350

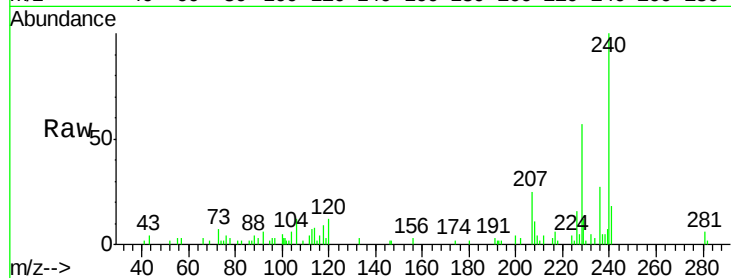
Tgt Ion:228 Resp: 8924

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

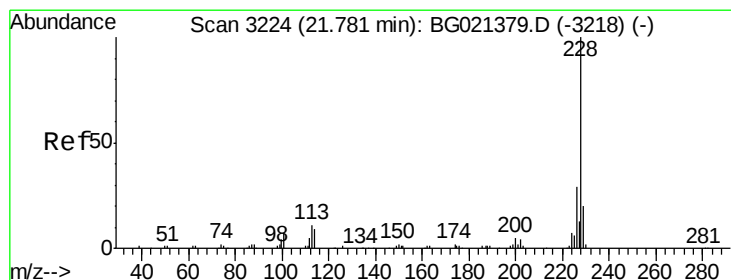
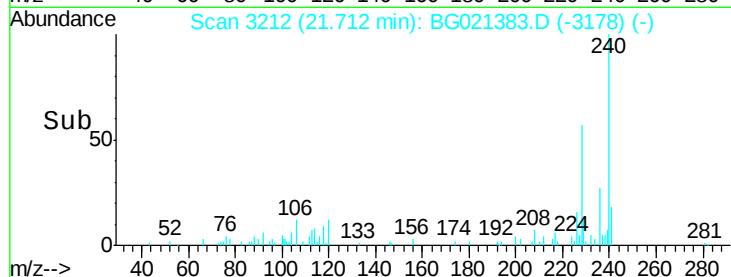
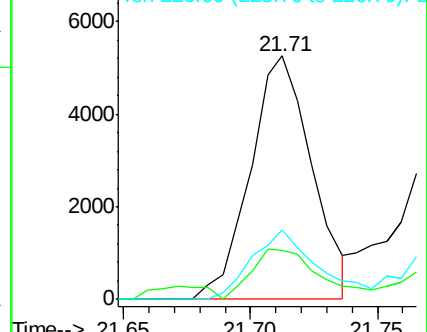
226 28.7 21.1 31.7



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



#85

Chrysene

Concen: 1.97 ng/ul

RT: 21.78 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

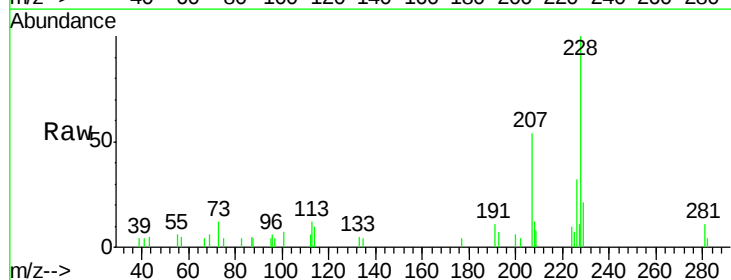
Tgt Ion:228 Resp: 8813

Ion Ratio Lower Upper

228 100

226 32.2 24.5 36.7

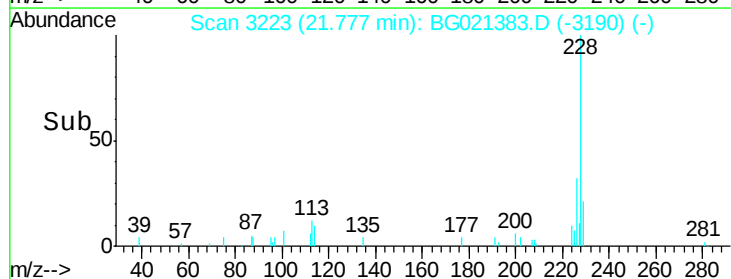
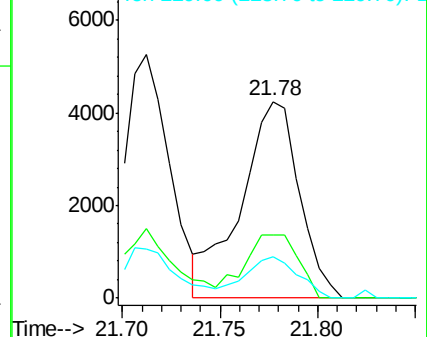
229 21.2 15.8 23.8

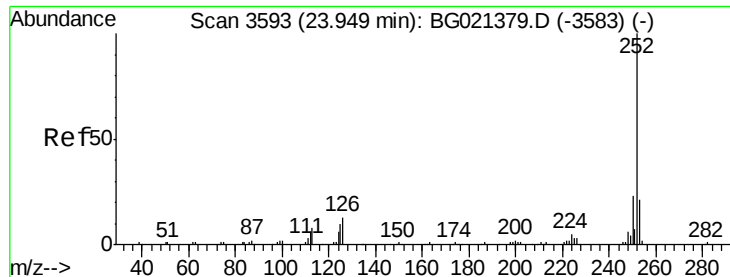


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.84 ng/ul

RT: 23.96 min Scan# 3594

Delta R.T. 0.01 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

Instrument :

BNA_G

ClientSampleId :

MS-SS-E350

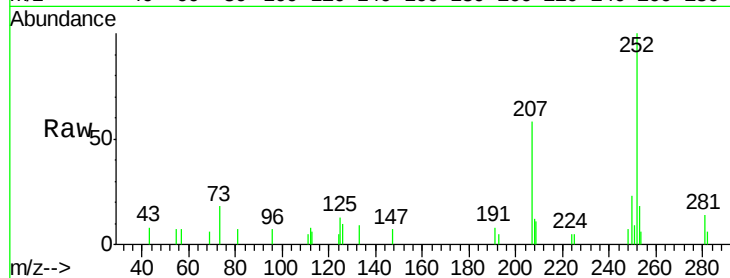
Tgt Ion:252 Resp: 8633

Ion Ratio Lower Upper

252 100

253 17.6 18.0 27.0#

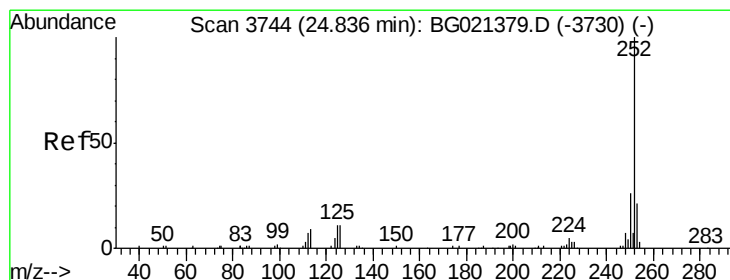
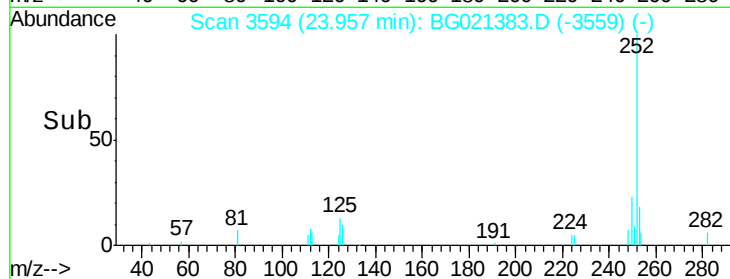
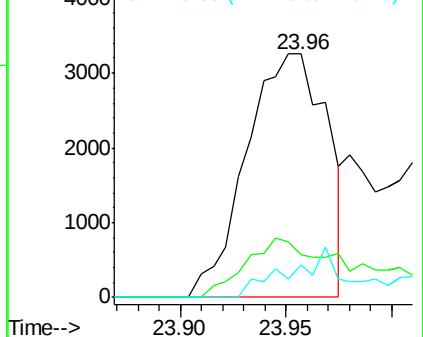
125 13.2 8.0 12.0#



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



#91

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 24.84 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG021383.D

Acq: 9 Mar 2016 1:46

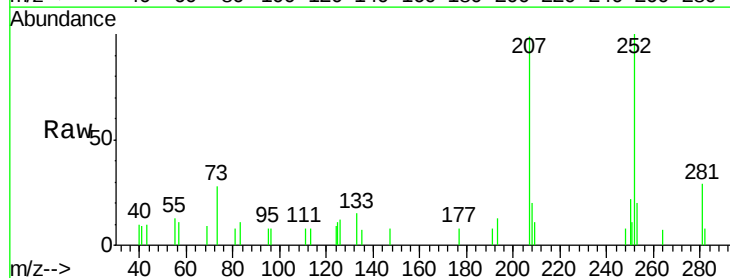
Tgt Ion:252 Resp: 5652

Ion Ratio Lower Upper

252 100

253 20.0 17.2 25.8

125 10.7 8.2 12.4



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

