

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029247.D
 Acq On : 15 Oct 2017 6:54
 Operator : SJ/JU
 Sample : I5593-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 07:31:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	116216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	527754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	317231	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	684176	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	612015	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	608754	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	17728	6.20	ng/uL	0.00
5) Phenol-d5	7.32	99	407915	36.57	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	257021	36.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	301029	38.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	325929	36.18	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	160714	42.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	177440	45.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	320480	36.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	415018	40.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1006076	37.10	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1282587	38.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	177296	35.41	ng/ul	0.00
57) Fluorene-d10	15.78	176	875636	39.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	121230	36.30	ng/ul	0.01
70) Anthracene-d10	17.63	188	1258588	38.90	ng/ul	0.00
76) Pyrene-d10	19.90	212	1297641	40.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	1178235	40.87	ng/ul	0.01

Target Compounds

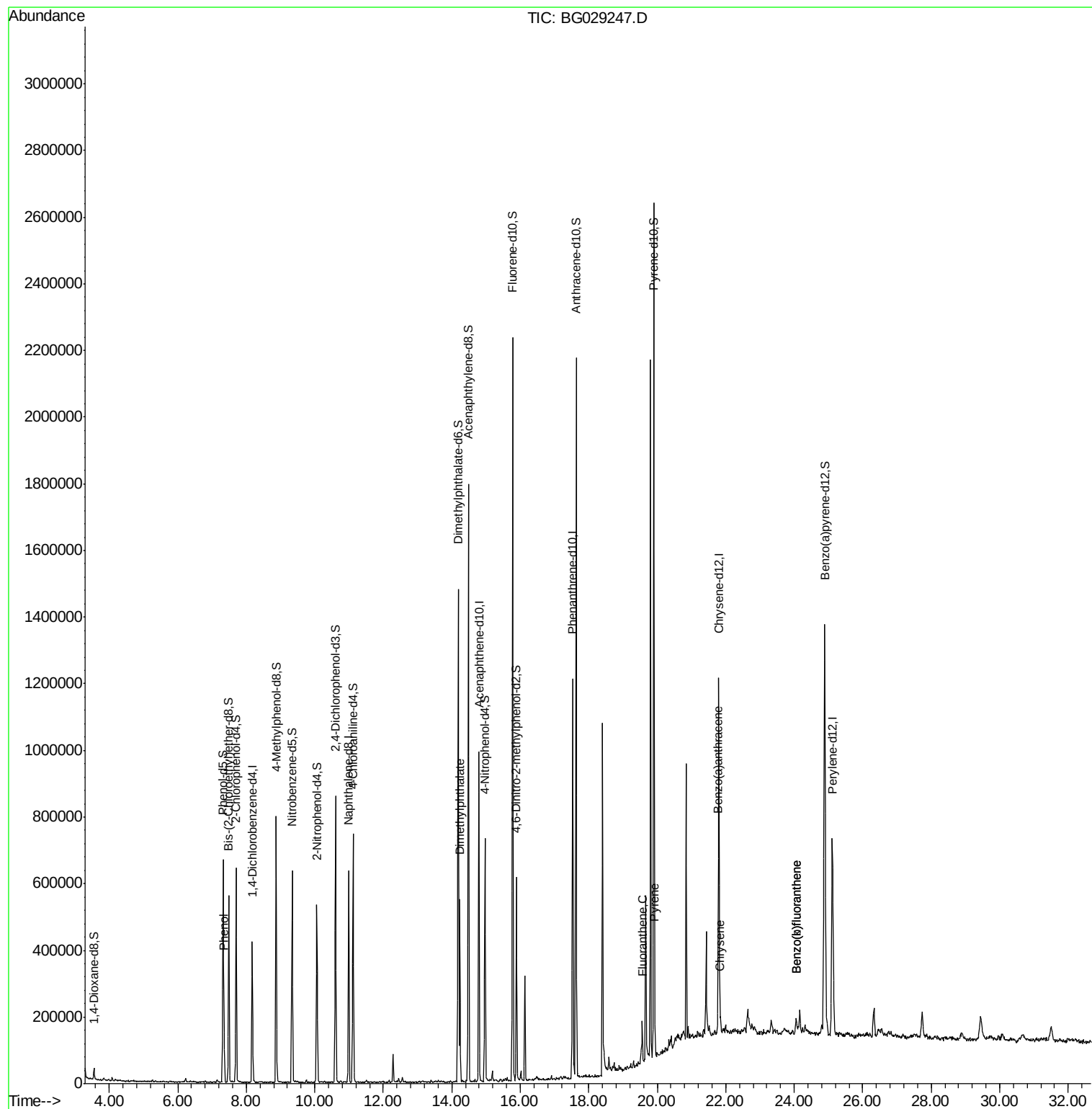
						Ovalue
6) Phenol	7.35	94	91491	7.93	ng/ul	93
44) Dimethylphthalate	14.23	163	339160	12.82	ng/ul	98
74) Fluoranthene	19.56	202	66290	1.60	ng/ul#	93
77) Pyrene	19.93	202	65104	1.59	ng/ul#	92
80) Benzo(a)anthracene	21.78	228	41447	1.08	ng/ul	95
82) Chrysene	21.84	228	39644	1.14	ng/ul	95
85) Benzo(b)fluoranthene	24.06	252	50898	1.39	ng/ul#	93
86) Benzo(k)fluoranthene	24.06	252	50898	1.44	ng/ul#	93

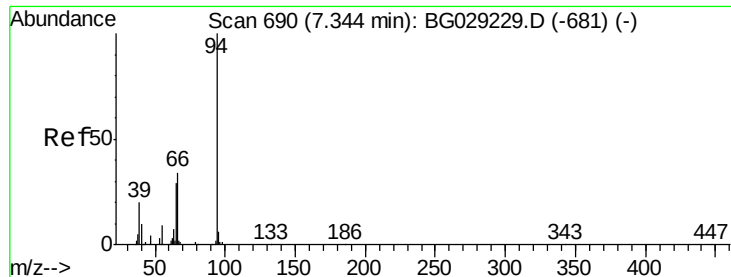
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.93 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

Instrument :

BNA_G

ClientSampleId :

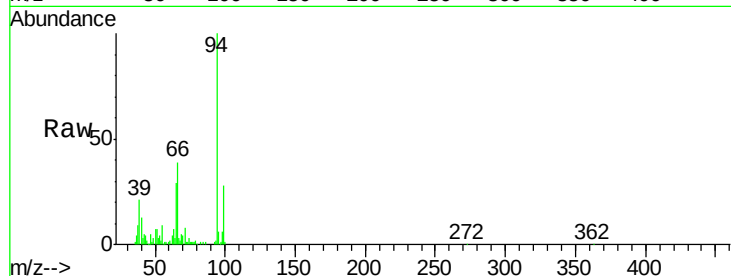
Tot Ion: 94 Resp: 91491

Ion Ratio Lower Upper

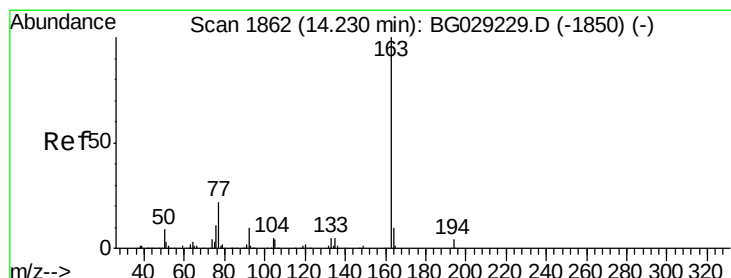
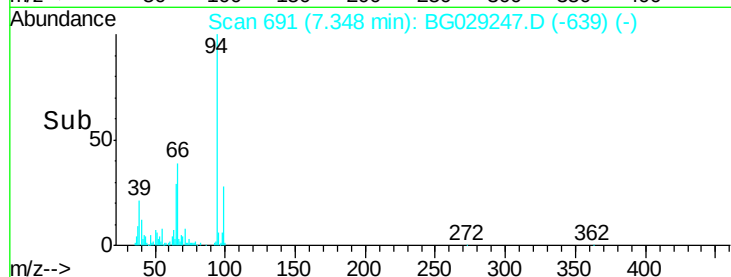
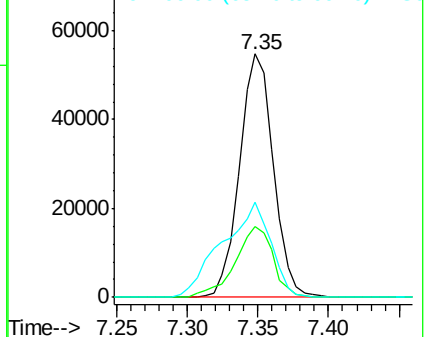
94 100

65 29.2 27.1 40.7

66 38.9 34.6 52.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 12.82 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

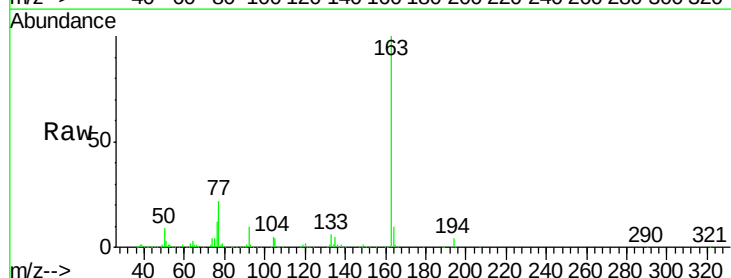
Tgt Ion: 163 Resp: 339160

Ion Ratio Lower Upper

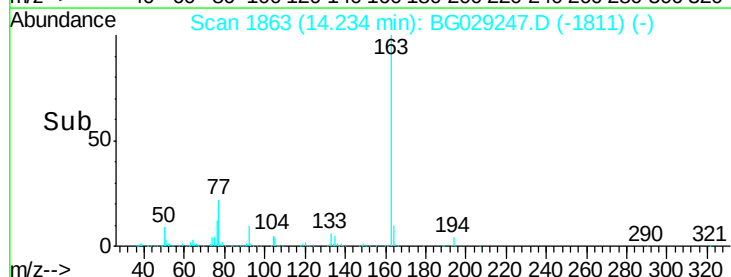
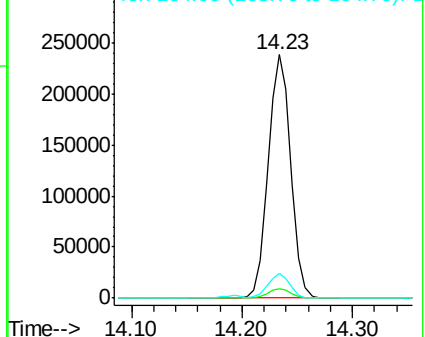
163 100

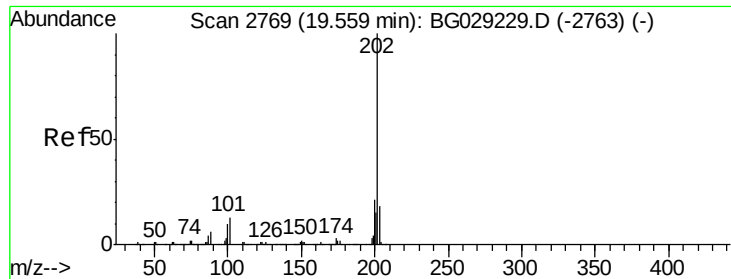
194 3.8 3.5 5.3

164 10.2 7.6 11.4



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





#74

Fluoranthene

Concen: 1.60 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

Instrument :

BNA_G

ClientSampleId :

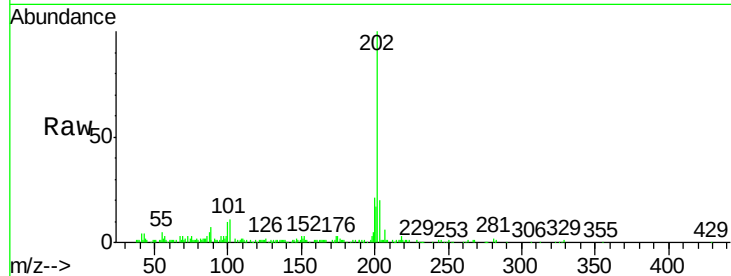
Tot Ion:202 Resp: 66290

Ion Ratio Lower Upper

202 100

101 11.3 7.4 11.2#

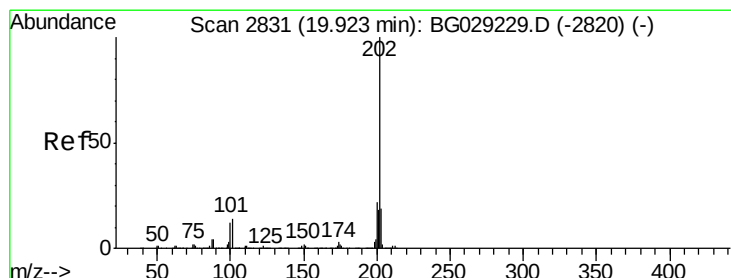
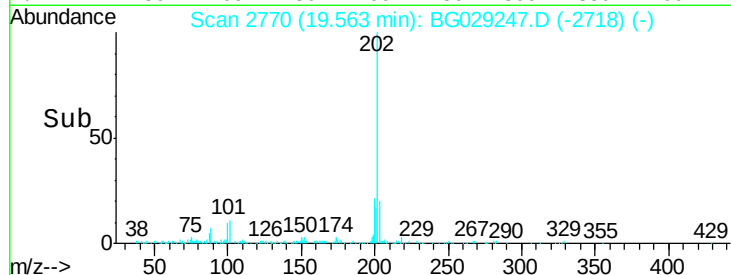
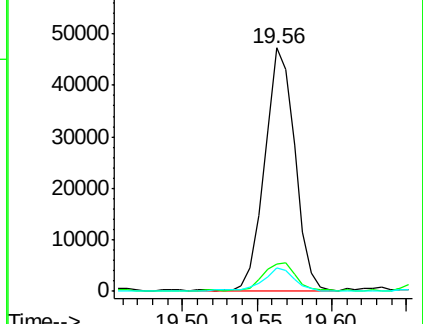
100 9.8 5.6 8.4#



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



#77

Pyrene

Concen: 1.59 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

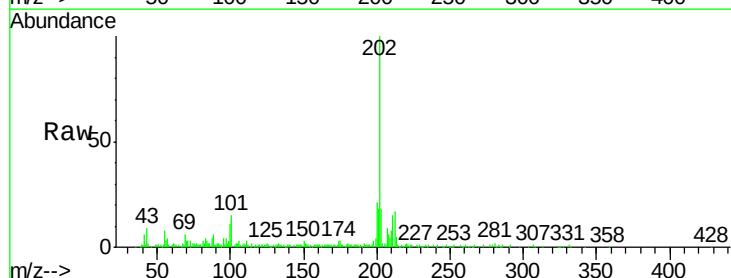
Tgt Ion:202 Resp: 65104

Ion Ratio Lower Upper

202 100

101 14.6 8.4 12.6#

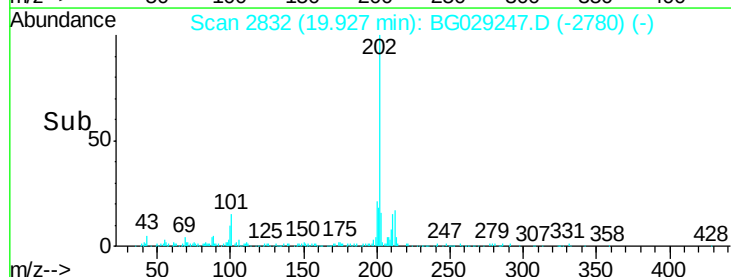
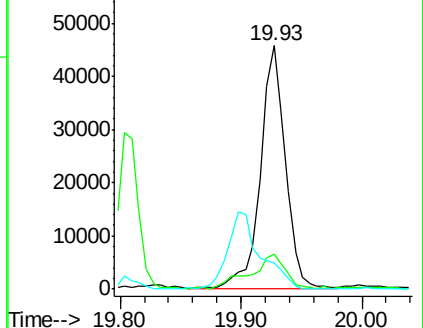
100 10.6 7.0 10.6

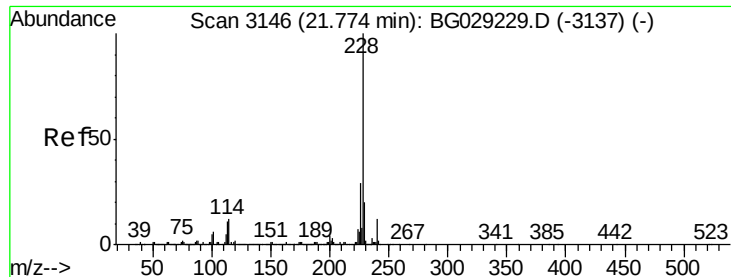


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.08 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

Instrument :

BNA_G

ClientSampleId :

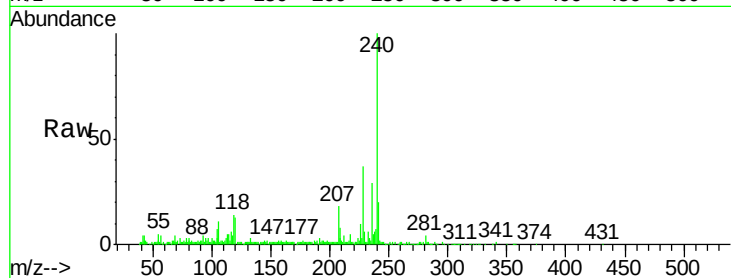
Tot Ion:228 Resp: 41447

Ion	Ratio	Lower	Upper
228	100		
229	16.7	16.2	24.4
226	26.4	22.2	33.2

228 100

229 16.7 16.2 24.4

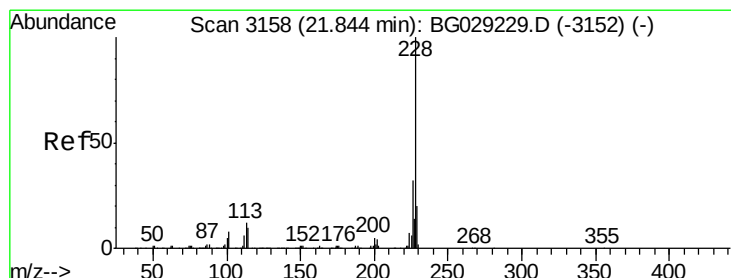
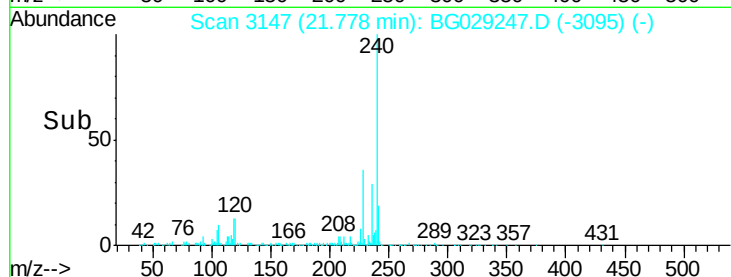
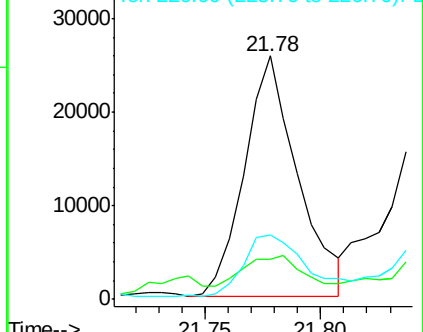
226 26.4 22.2 33.2



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



#82

Chrysene

Concen: 1.14 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

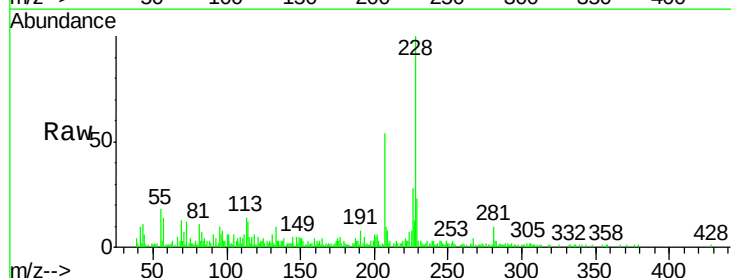
Tgt Ion:228 Resp: 39644

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.2	36.2
229	22.6	15.2	22.8

228 100

226 28.2 24.2 36.2

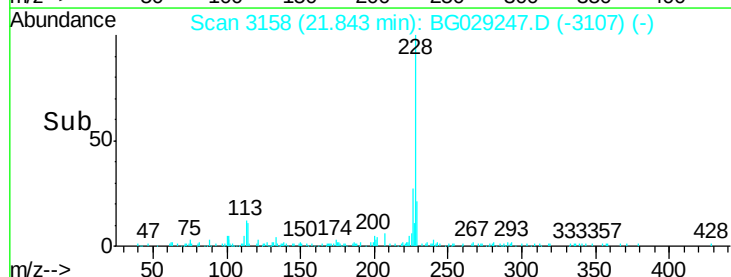
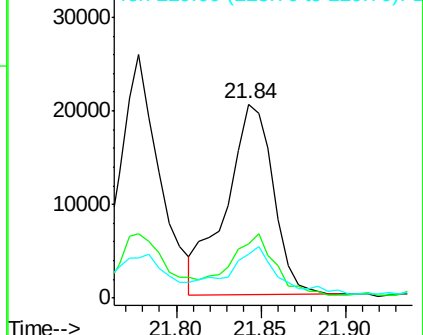
229 22.6 15.2 22.8

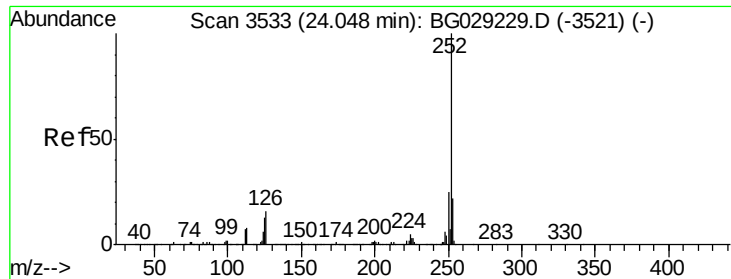


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.39 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.02 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

Instrument :

BNA_G

ClientSampleId :

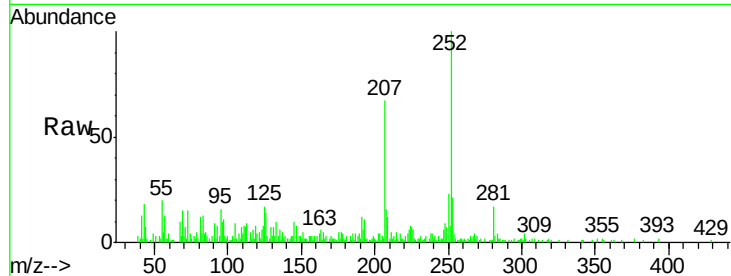
Tot Ion:252 Resp: 50898

Ion Ratio Lower Upper

252 100

253 20.7 17.0 25.4

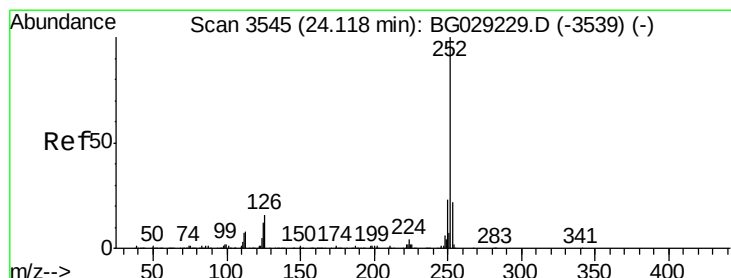
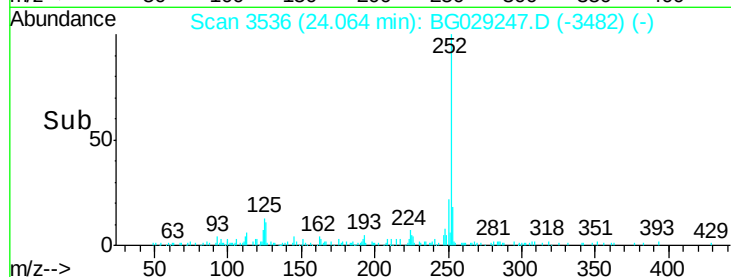
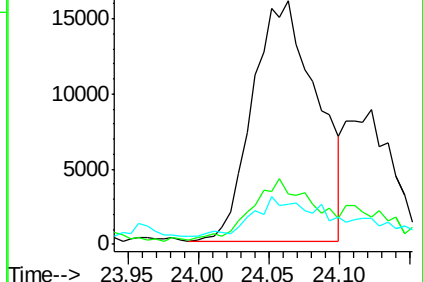
125 16.7 7.5 11.3#



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



#86

Benzo(k)fluoranthene

Concen: 1.44 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. -0.05 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

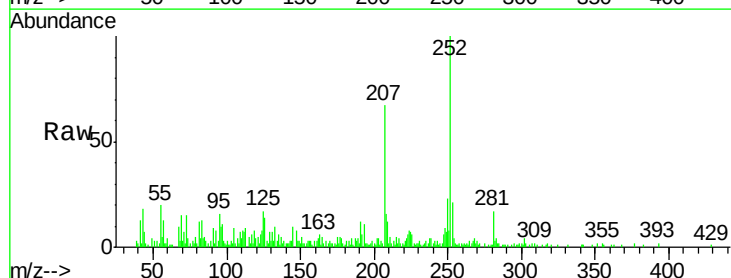
Tgt Ion:252 Resp: 50898

Ion Ratio Lower Upper

252 100

253 20.7 17.2 25.8

125 16.7 7.8 11.8#



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

