

Data Path : \\74.0.250.170\SV0ASRV\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 :
 B0C42

Quant Time: Oct 15 07:44:37 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

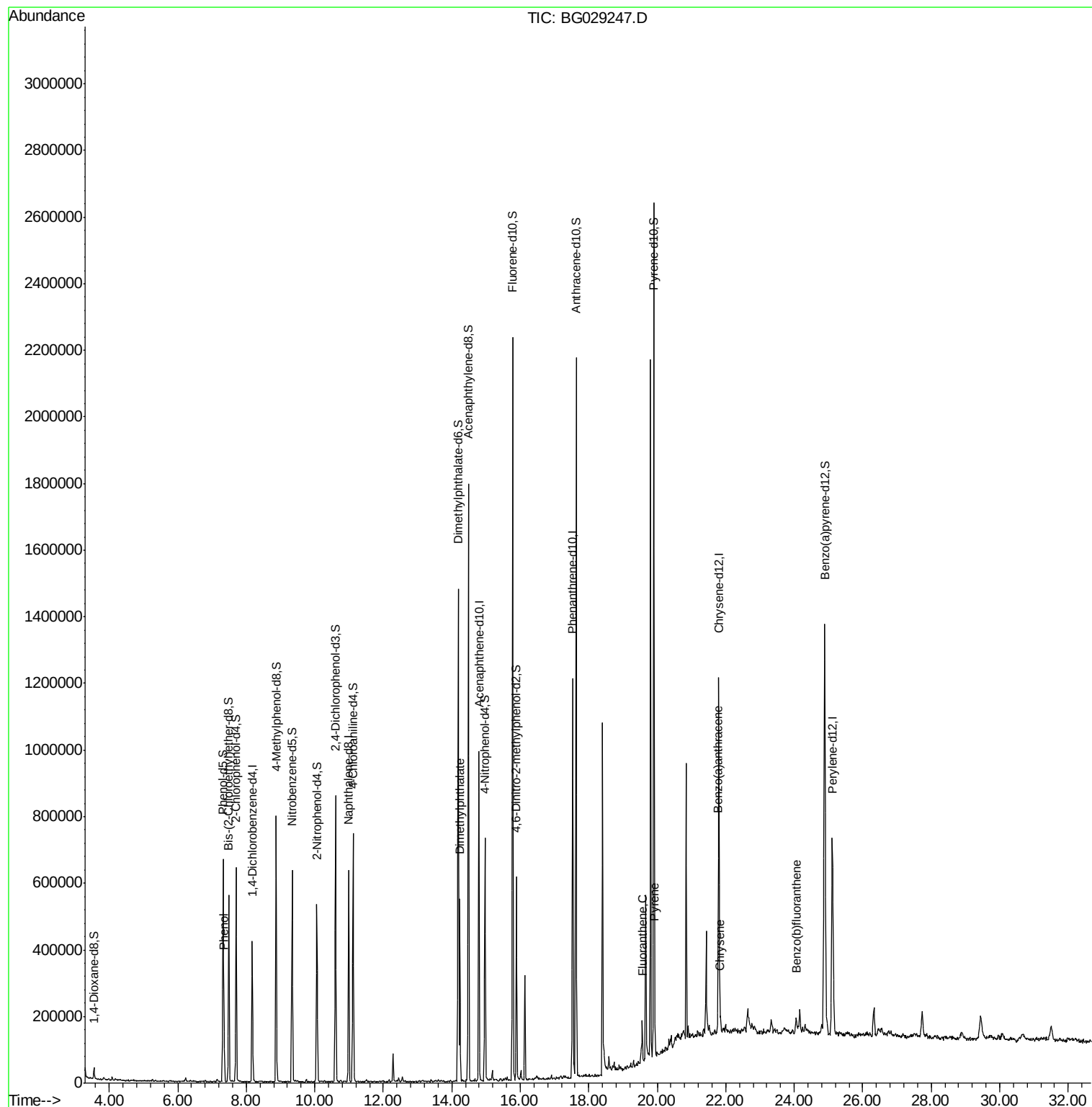
					Ovalue
6) Phenol	7.35	94	91491	7.927	ng/ul 93
44) Dimethylphthalate	14.23	163	339160	12.821	ng/ul 98
74) Fluoranthene	19.56	202	66290	1.604	ng/ul# 93
77) Pyrene	19.93	202	65104	1.587	ng/ul# 92
80) Benzo(a)anthracene	21.78	228	41447	1.081	ng/ul 95
82) Chrysene	21.84	228	39644	1.138	ng/ul 95
85) Benzo(b)fluoranthene	24.06	252	50898	1.393	ng/ul# 93

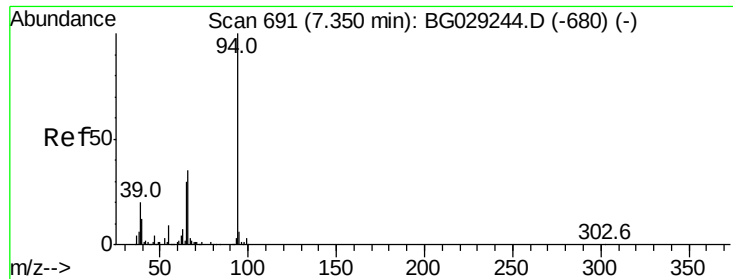
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.927 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 :

B0C42

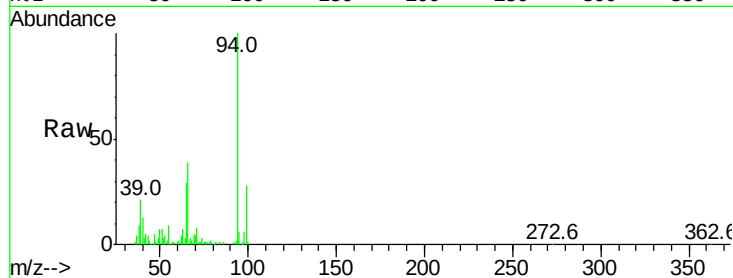
Tot Ion: 94 Resp: 91491

Ion Ratio Lower Upper

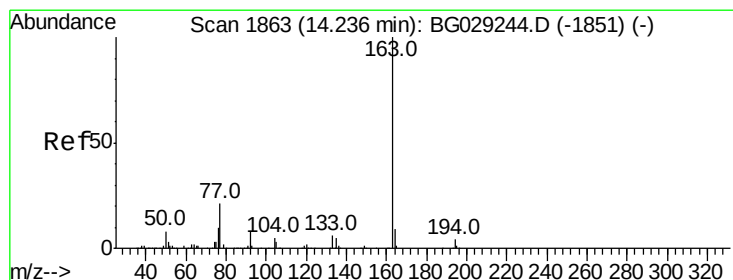
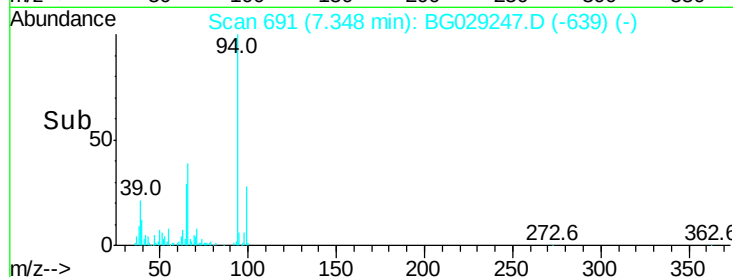
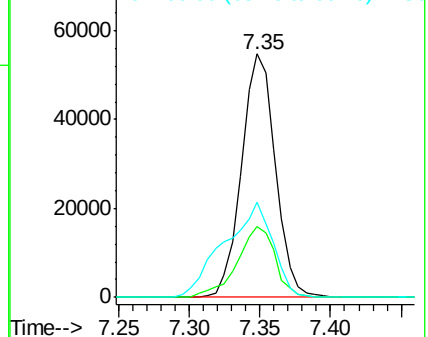
94 100

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: 12.821 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

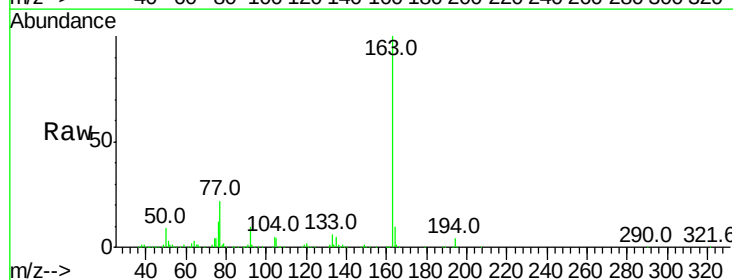
Tgt Ion: 163 Resp: 339160

Ion Ratio Lower Upper

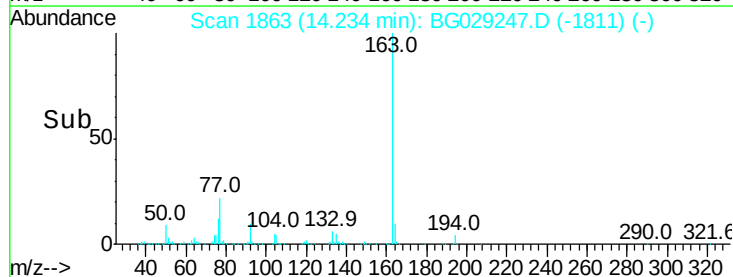
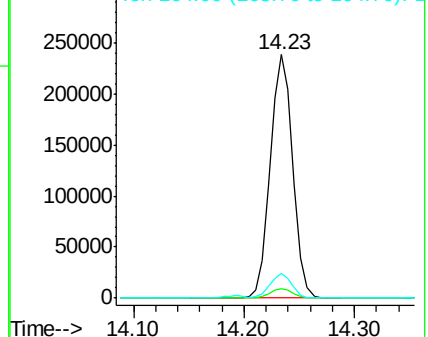
163 100

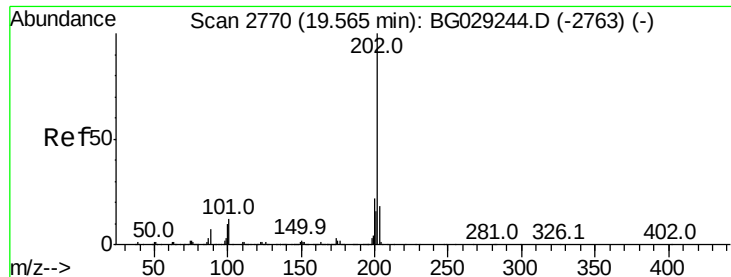
194 3.8 3.5 5.3

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: 1.604 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 :

B0C42

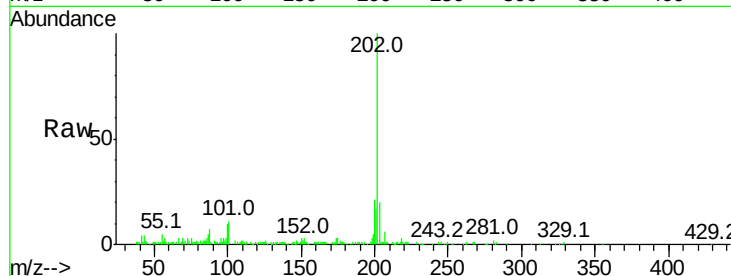
Tot Ion:202 Resp: 66290

Ion Ratio Lower Upper

202 100

101 11.3 7.4 11.2#

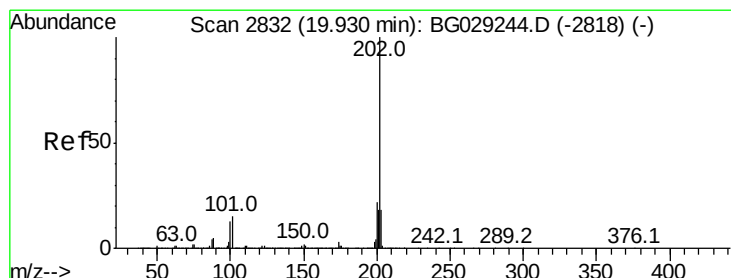
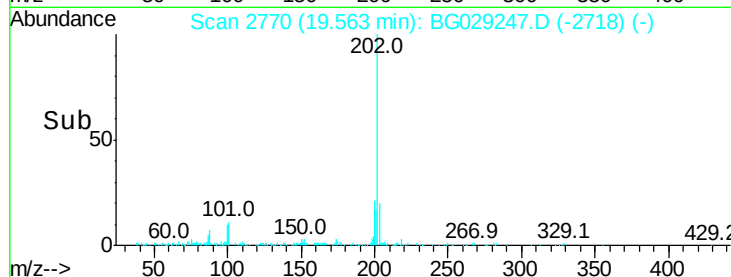
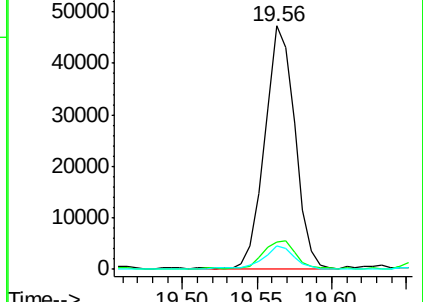
100 9.8 5.6 8.4#



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: 1.587 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029247.D

Acq: 15 Oct 2017 6:54

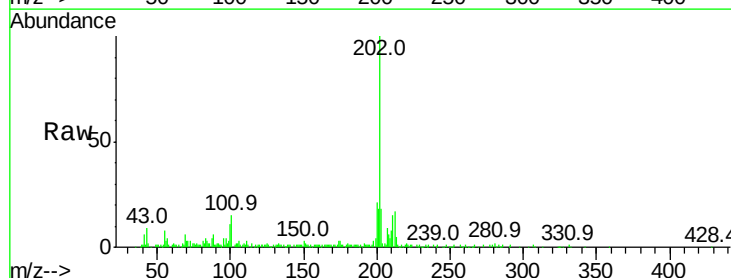
Tgt Ion:202 Resp: 65104

Ion Ratio Lower Upper

202 100

101 14.6 8.4 12.6#

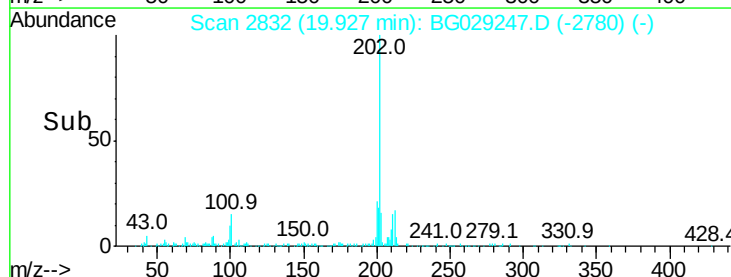
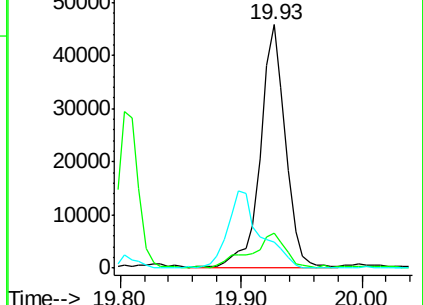
100 10.6 7.0 10.6

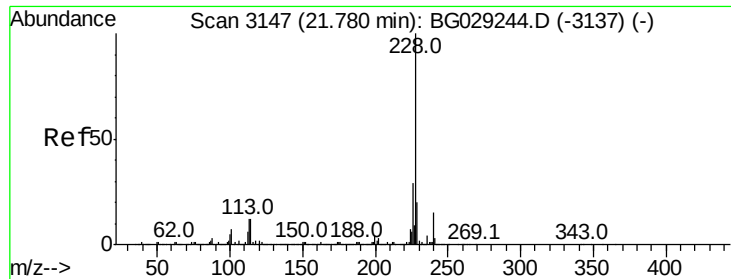


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

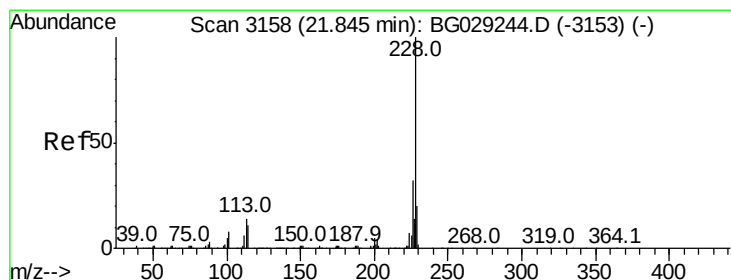
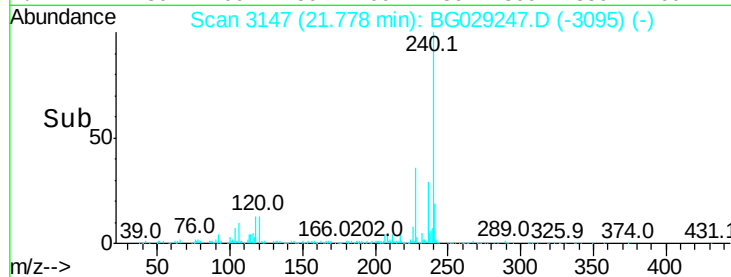
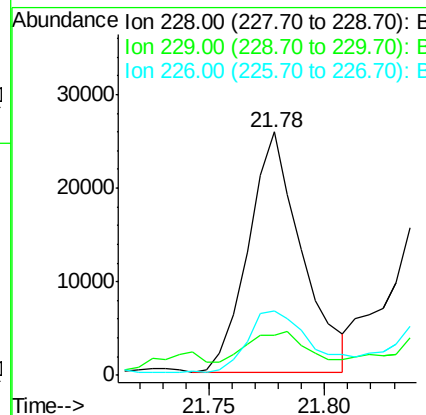
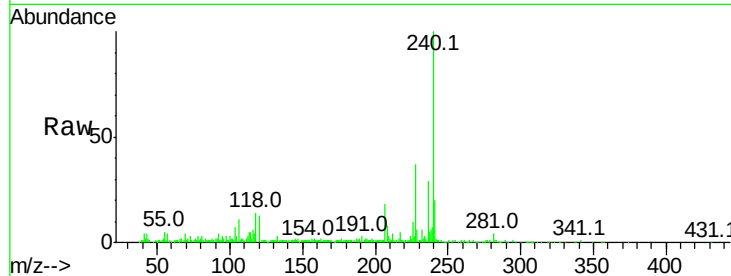




#80
Benzo(a)anthracene
Concen: 1.081 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029247.D
Acq: 15 Oct 2017 6:54

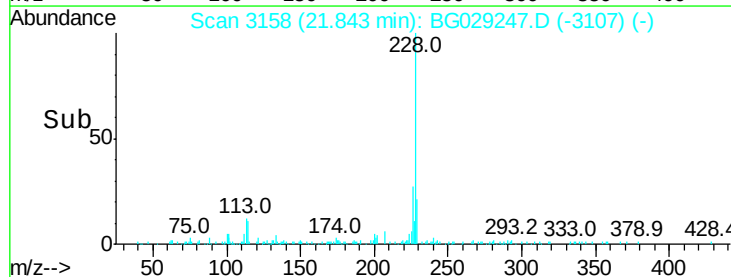
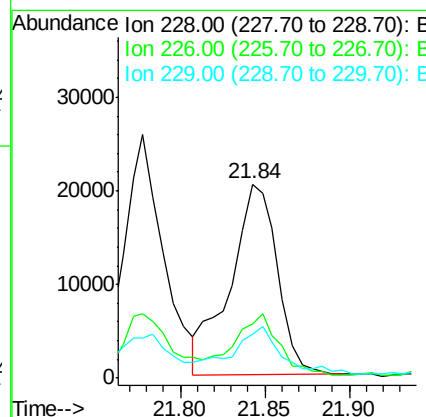
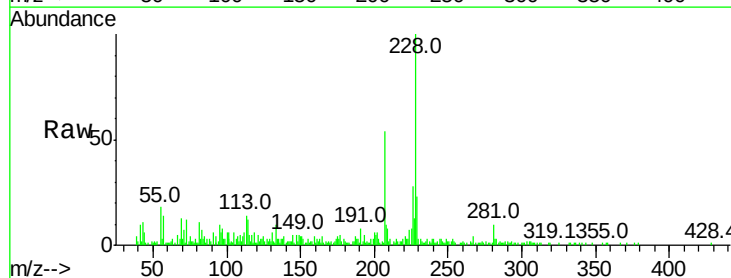
Instrument :
BNA_G
ClientSampleId :
B0C42

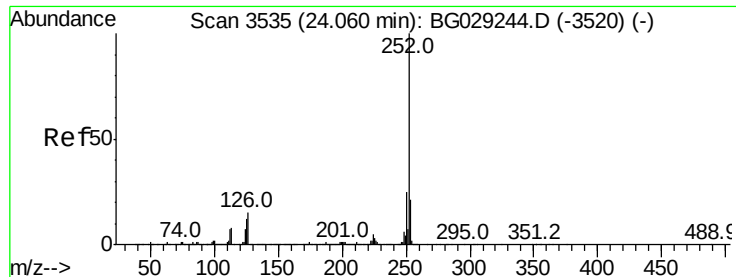
Tot Ion:228 Resp: 41447
Ion Ratio Lower Upper
228 100
229 16.7 16.2 24.4
226 26.4 22.2 33.2



#82
Chrysene
Concen: 1.138 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





#85

Benzo(b)fluoranthene

Concen: 1.393 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 :

B0C42

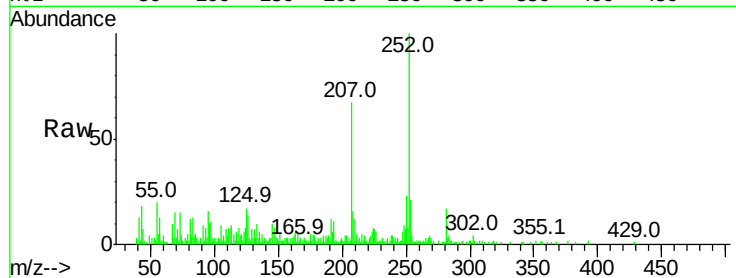
Tot Ion:252 Resp: 50898

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

