

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029252.D
 Acq On : 15 Oct 2017 10:14
 Operator : SJ/JU
 Sample : I5593-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C83

Quant Time: Oct 16 08:37:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	131559	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	587118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	331585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	688035	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	622857	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	602577	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	11229	3.47	ng/uL	0.00
5) Phenol-d5	7.32	99	217267	17.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	157716	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	178505	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	121641	11.93	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	97836	23.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	104846	24.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	185410	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	105089	9.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	575310	20.29	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	716589	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	60178	11.50	ng/ul	0.00
57) Fluorene-d10	15.78	176	496241	21.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	44335	13.20	ng/ul	0.00
70) Anthracene-d10	17.62	188	695615	21.38	ng/ul	0.00
76) Pyrene-d10	19.90	212	691771	21.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	592510	20.76	ng/ul	0.00

Target Compounds

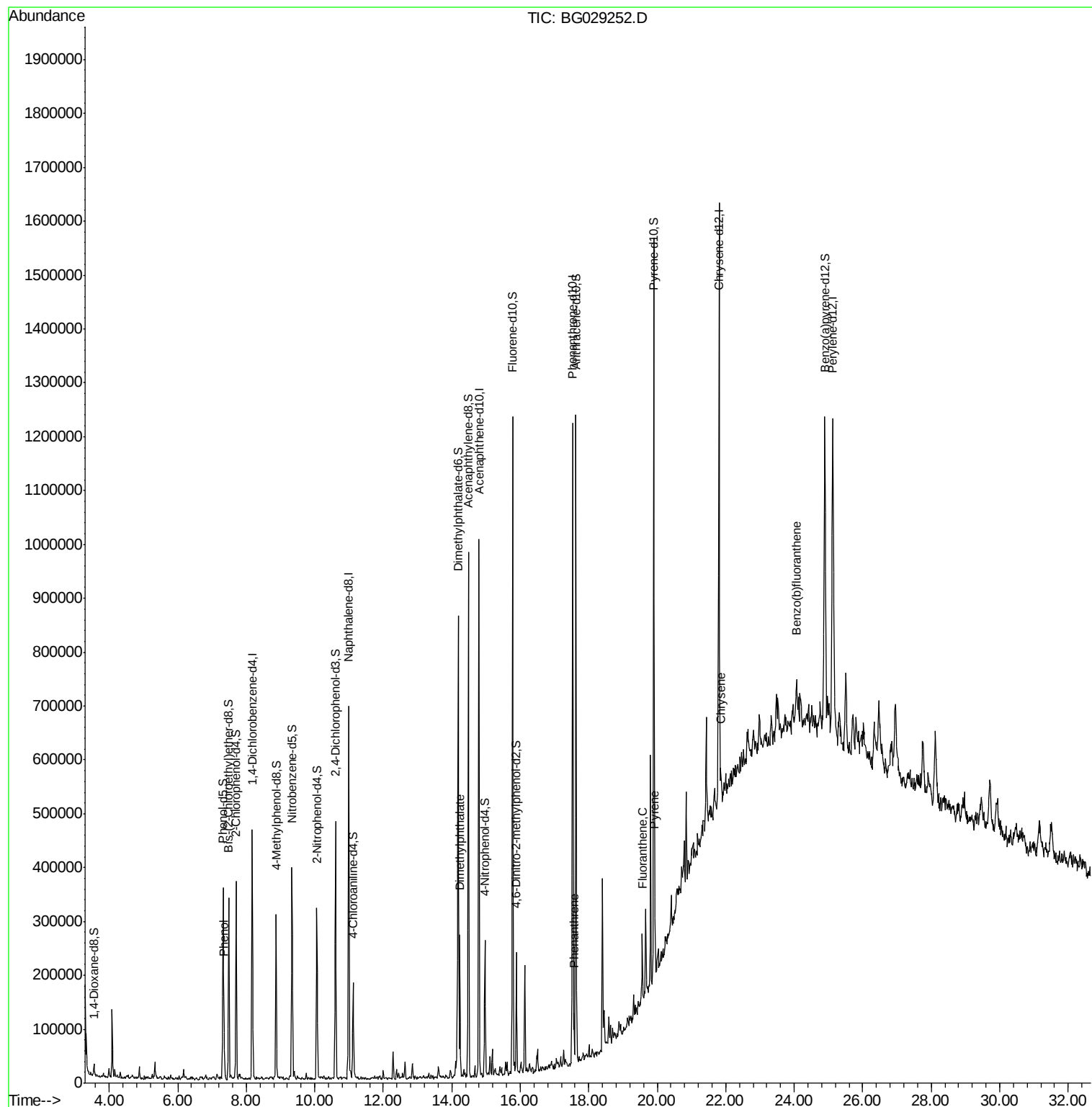
					Ovalue
6) Phenol	7.35	94	50668	3.878 ng/ul	94
44) Dimethylphthalate	14.23	163	164909	5.964 ng/ul	99
69) Phenanthrene	17.57	178	56192	1.511 ng/ul	98
74) Fluoranthene	19.57	202	71686	1.725 ng/ul#	93
77) Pyrene	19.93	202	72044	1.726 ng/ul#	88
82) Chrysene	21.85	228	50235	1.416 ng/ul#	88
85) Benzo(b)fluoranthene	24.07	252	47091	1.302 ng/ul#	60

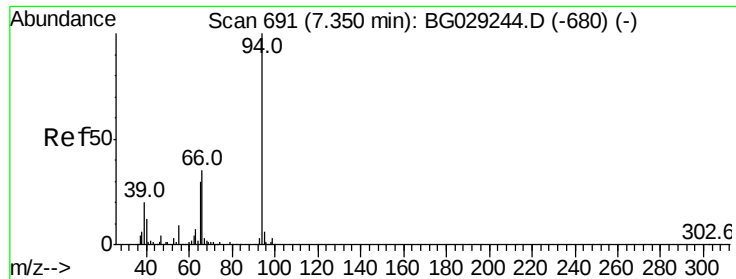
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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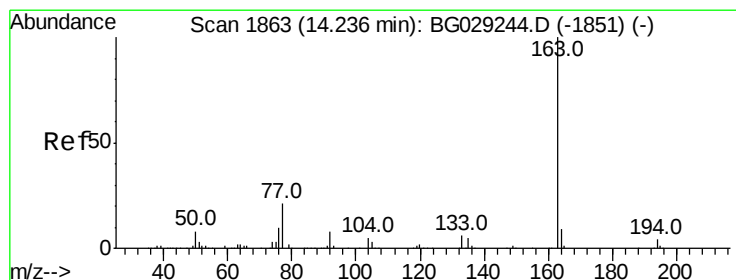
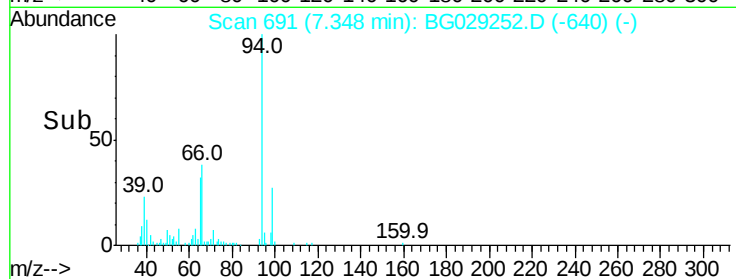
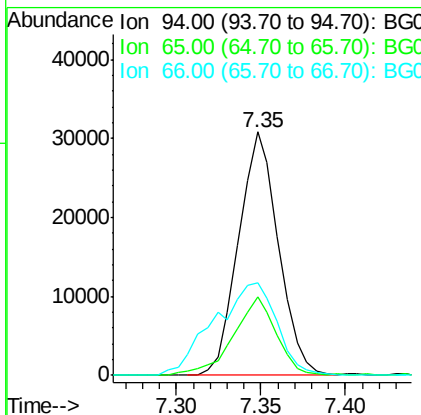
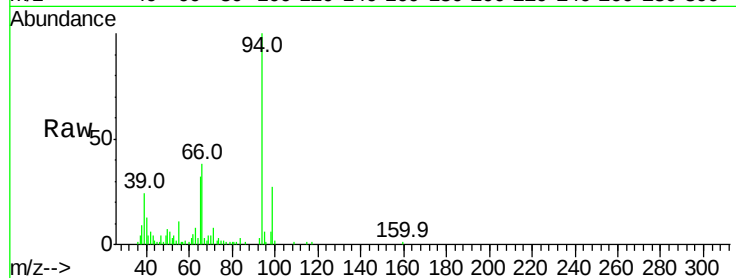
#6

Phenol

Concen: 3.878 ng/ul
 RT: 7.35 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG029252.D
 Acq: 15 Oct 2017 10:14

Instrument :
 BNA_G
 ClientSampleId :
 B0C83

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.3	27.1	40.7
66	37.9	34.6	52.0

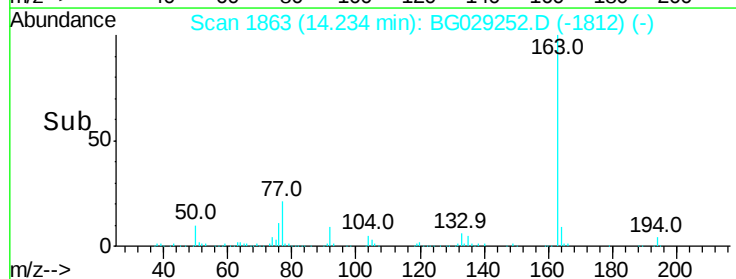
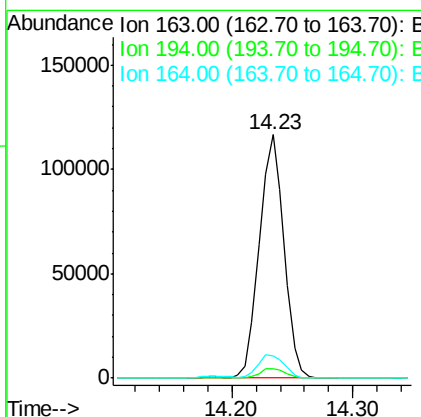
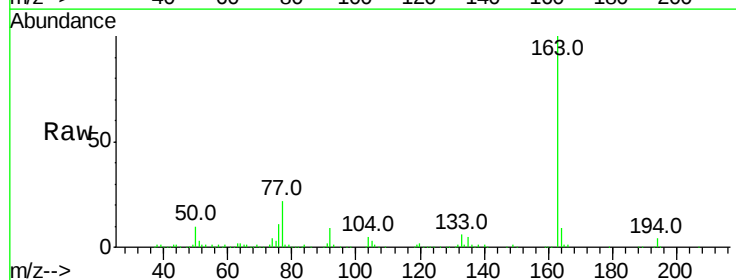


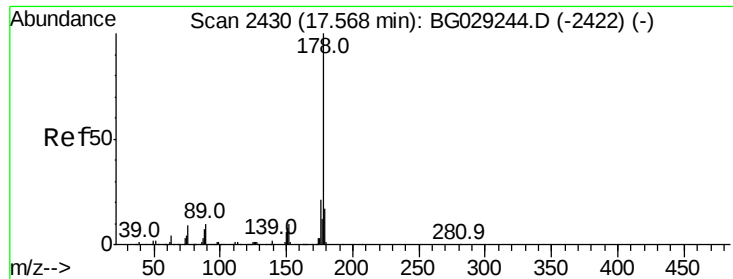
#44

Dimethylphthalate

Concen: 5.964 ng/ul
 RT: 14.23 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BG029252.D
 Acq: 15 Oct 2017 10:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.0	7.6	11.4





#69

Phenanthrene

Concen: 1.511 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029252.D

Acq: 15 Oct 2017 10:14

Instrument :

BNA_G

ClientSampleId :

B0C83

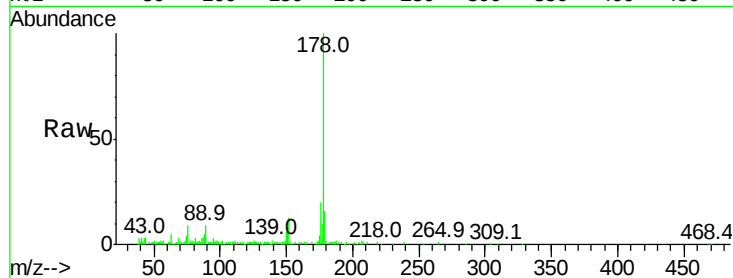
Tot Ion:178 Resp: 56192

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

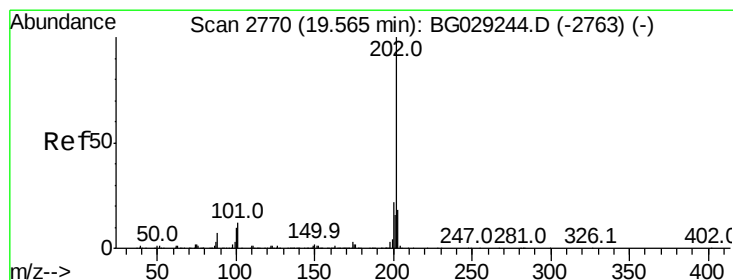
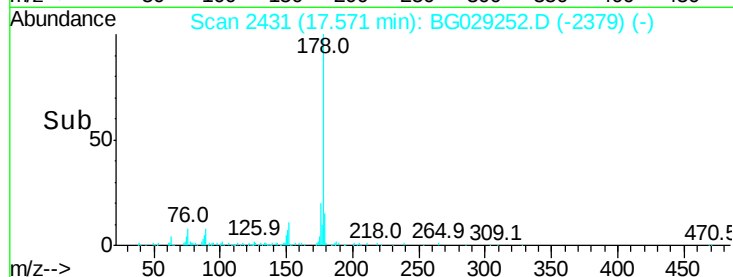
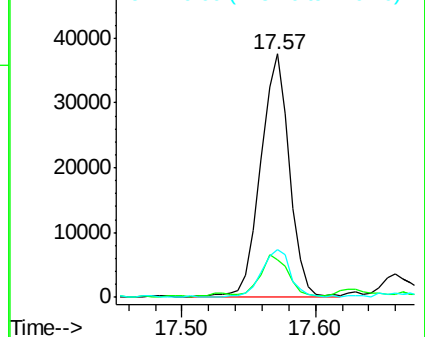
176 19.7 15.3 22.9



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



#74

Fluoranthene

Concen: 1.725 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029252.D

Acq: 15 Oct 2017 10:14

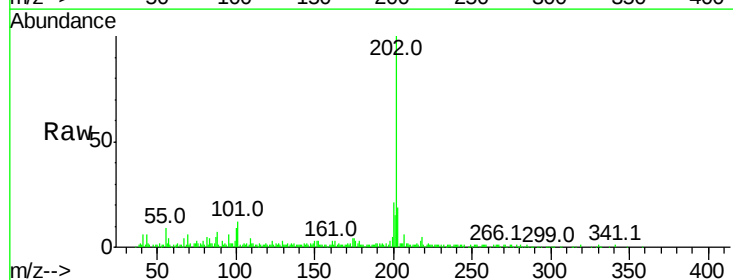
Tgt Ion:202 Resp: 71686

Ion Ratio Lower Upper

202 100

101 12.1 7.4 11.2#

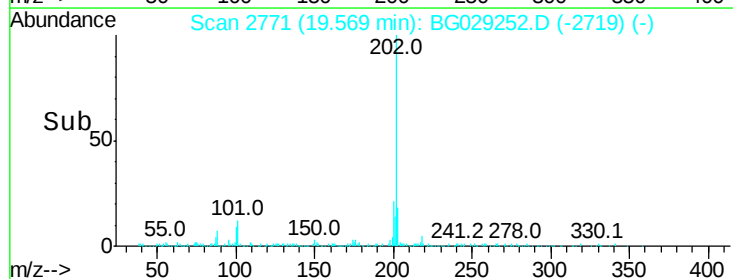
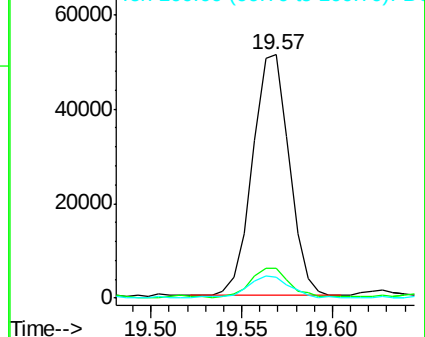
100 8.8 5.6 8.4#

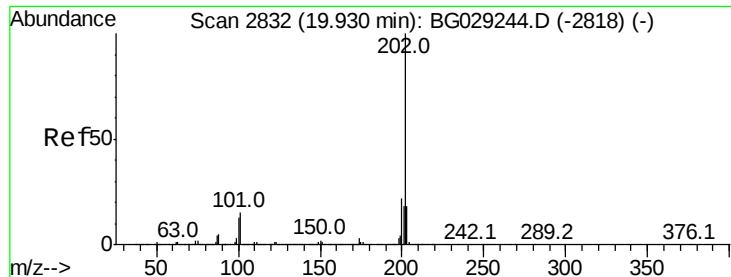


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.726 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029252.D

Acq: 15 Oct 2017 10:14

Instrument :

BNA_G

ClientSampleId :

B0C83

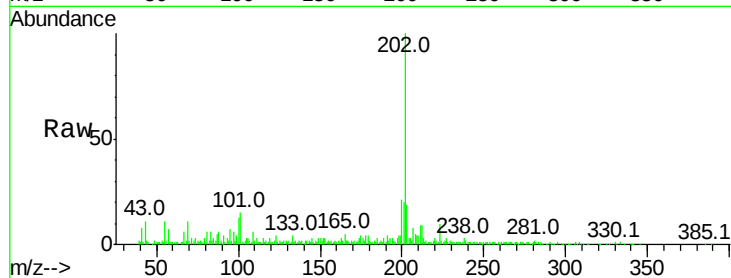
Tot Ion:202 Resp: 72044

Ion Ratio Lower Upper

202 100

101 14.7 8.4 12.6#

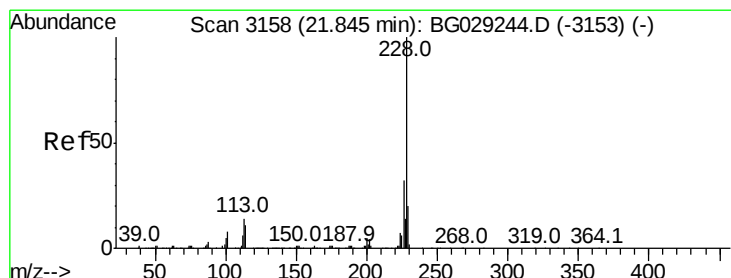
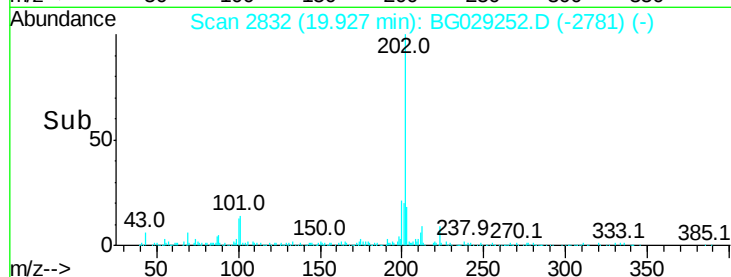
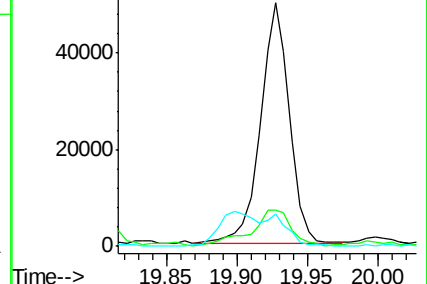
100 13.3 7.0 10.6#



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): E



#82

Chrysene

Concen: 1.416 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029252.D

Acq: 15 Oct 2017 10:14

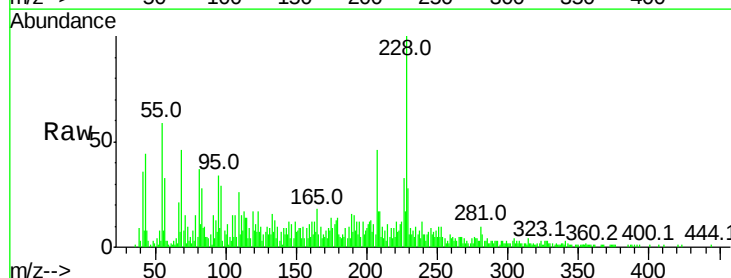
Tgt Ion:228 Resp: 50235

Ion Ratio Lower Upper

228 100

226 33.5 24.2 36.2

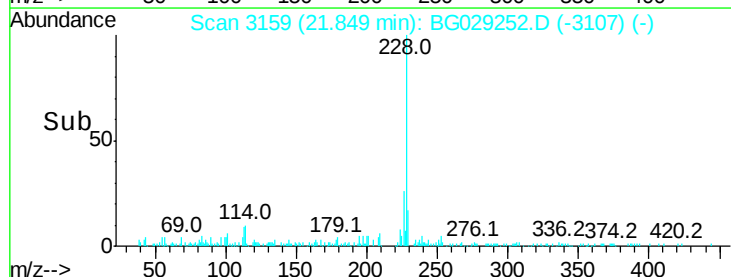
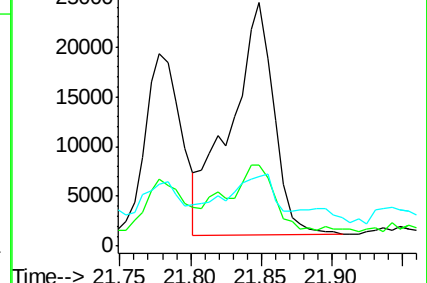
229 28.4 15.2 22.8#

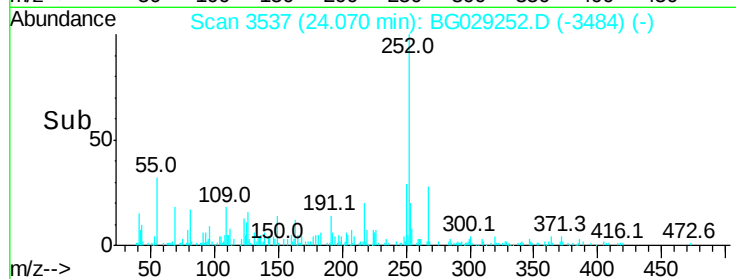
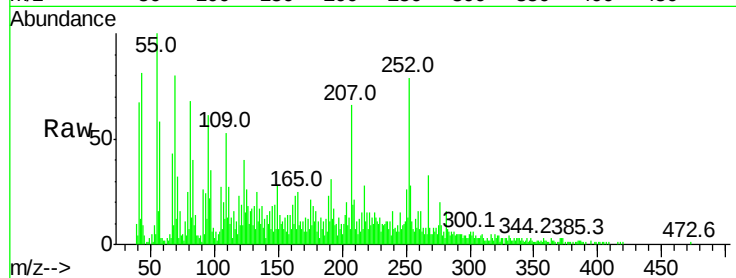
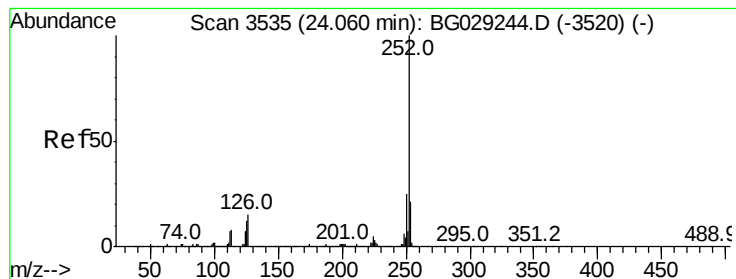


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.302 ng/ul

RT: 24.07 min Scan# 3537

Delta R.T. 0.01 min

Lab File: BG029252.D

Acq: 15 Oct 2017 10:14

Instrument :

BNA_G

ClientSampleId :

B0C83

Tot Ion:252 Resp: 47091

Ion Ratio Lower Upper

252 100

253 35.3 17.0 25.4#

125 32.6 7.5 11.3#

