

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029476.D
 Acq On : 26 Oct 2017 13:37
 Operator : SJ/JU
 Sample : I5792-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D42

Quant Time: Oct 26 17:40:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 15:59:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	95519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	444855	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	277978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	614586	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	629072	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	643418	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8742	3.72	ng/uL	0.00
5) Phenol-d5	7.32	99	191311	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	113303	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	157500	24.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	116571	15.74	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	80946	25.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	95346	29.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	171422	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	182845	21.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	536443	22.57	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	678069	23.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	73766	16.81	ng/ul	0.00
57) Fluorene-d10	15.78	176	485397	24.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	54820	18.27	ng/ul	0.00
70) Anthracene-d10	17.63	188	685482	23.58	ng/ul	0.00
76) Pyrene-d10	19.90	212	786187	24.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	750758	24.64	ng/ul	0.02

Target Compounds

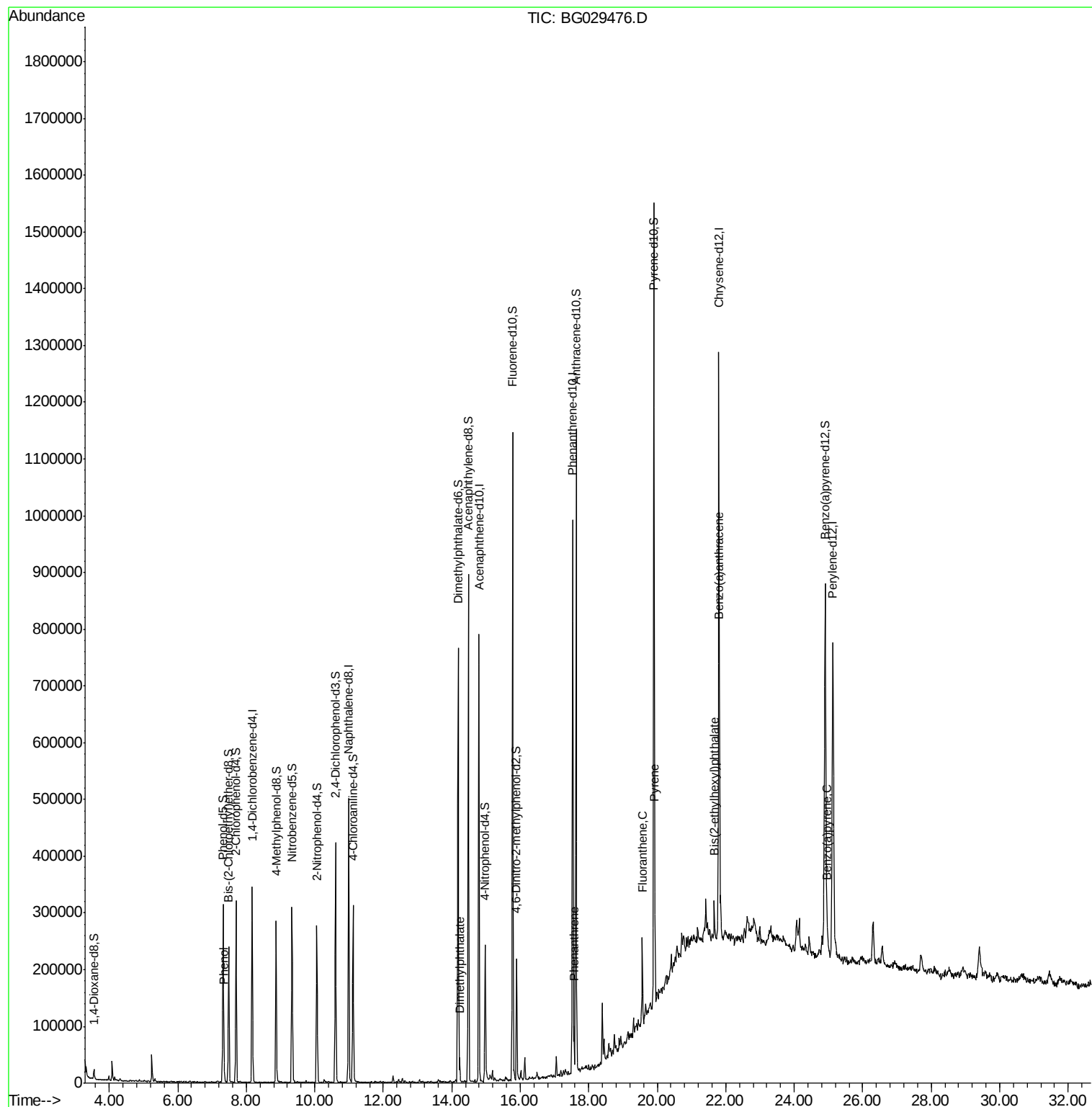
					Ovalue
6) Phenol	7.35	94	13631	1.437 ng/ul	99
44) Dimethylphthalate	14.23	163	27016	1.165 ng/ul	98
69) Phenanthrene	17.57	178	49931	1.503 ng/ul#	96
74) Fluoranthene	19.57	202	98021	2.640 ng/ul	97
77) Pyrene	19.93	202	99824	2.368 ng/ul	99
80) Benzo(a)anthracene	21.78	228	53122	1.347 ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.67	149	25776	1.040 ng/ul#	99
88) Benzo(a)pyrene	24.97	252	51275	1.364 ng/ul#	88

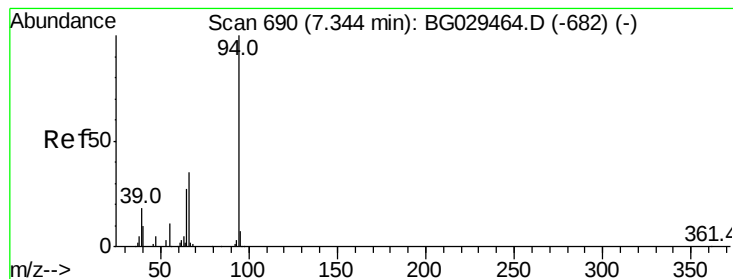
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.437 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

Instrument :

BNA_G

ClientSampleId :

B0D42

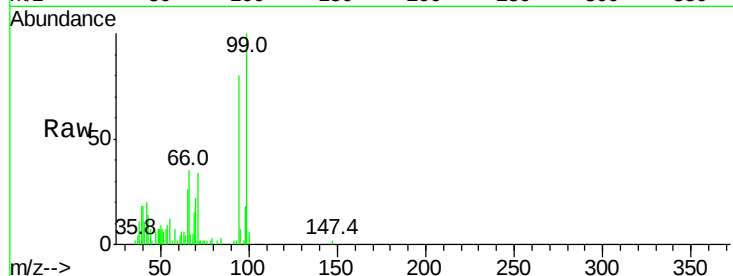
Tot Ion: 94 Resp: 13631

Ion Ratio Lower Upper

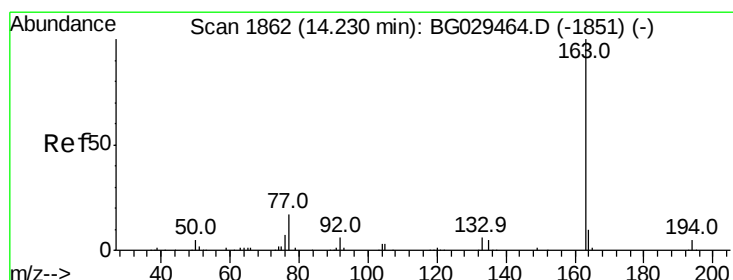
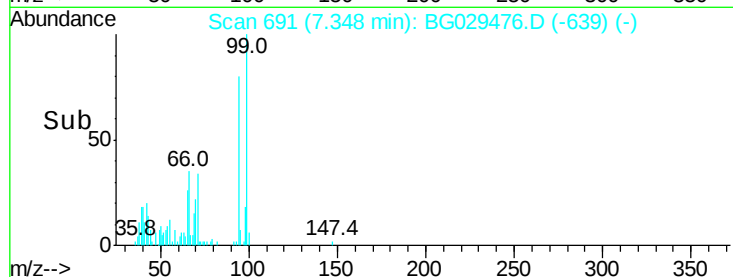
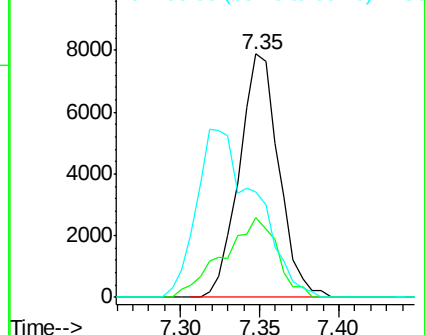
94 100

65 32.7 27.1 40.7

66 43.4 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: 1.165 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

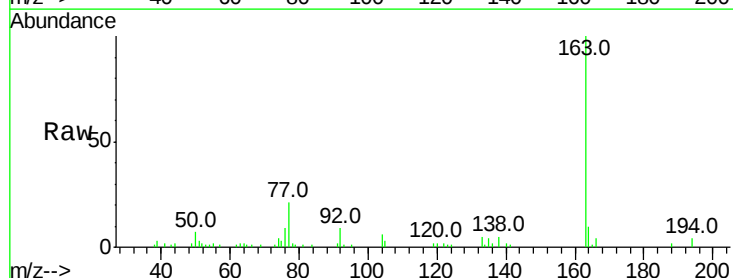
Tgt Ion:163 Resp: 27016

Ion Ratio Lower Upper

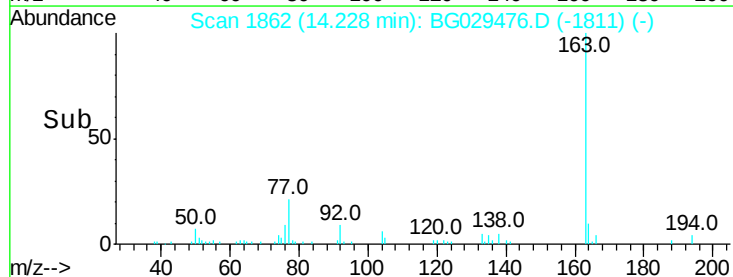
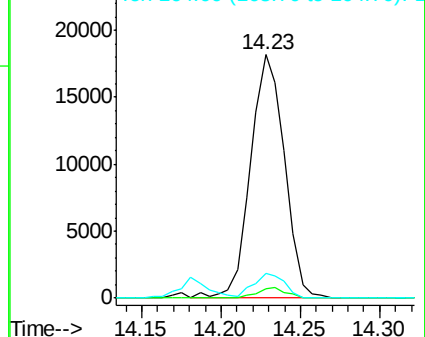
163 100

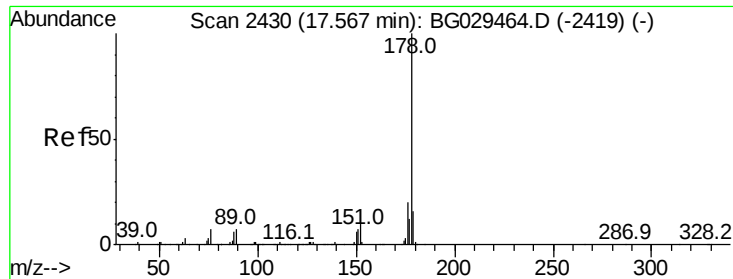
194 3.7 3.5 5.3

164 10.1 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





#69

Phenanthrene

Concen: 1.503 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

Instrument :

BNA_G

ClientSampleId :

B0D42

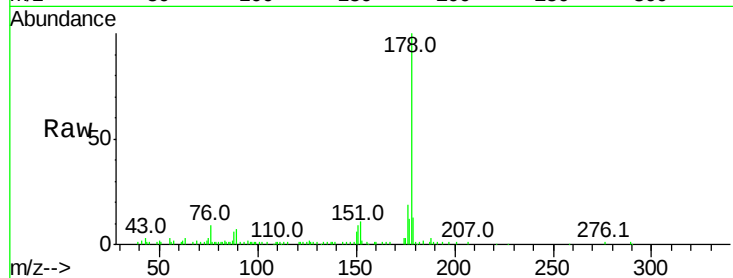
Tot Ion:178 Resp: 49931

Ion Ratio Lower Upper

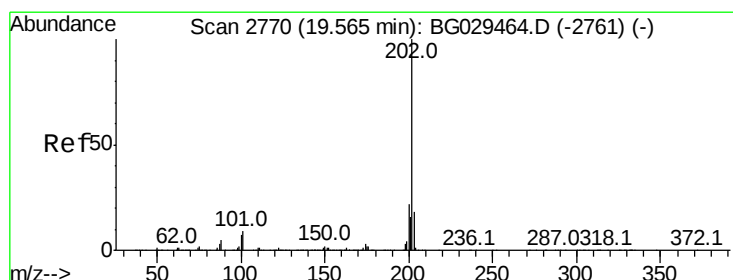
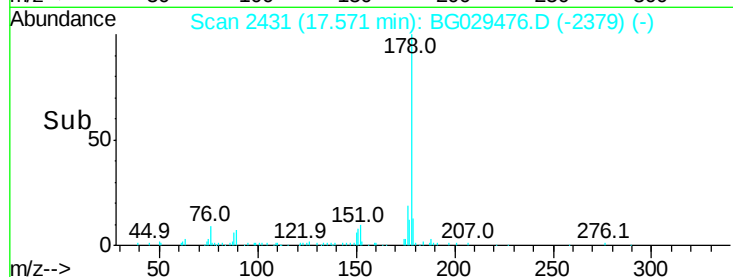
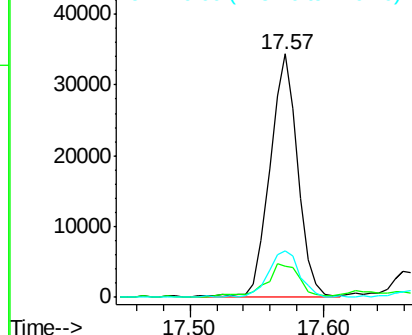
178 100

179 12.8 13.0 19.6#

176 19.3 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: 2.640 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

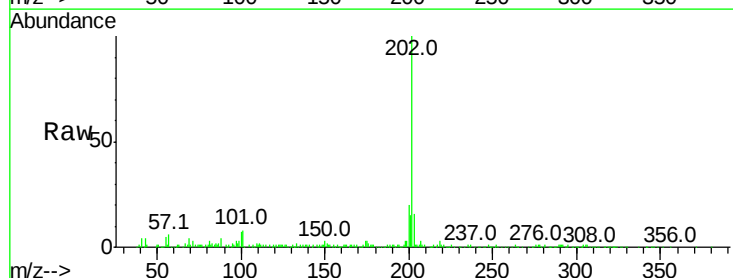
Tgt Ion:202 Resp: 98021

Ion Ratio Lower Upper

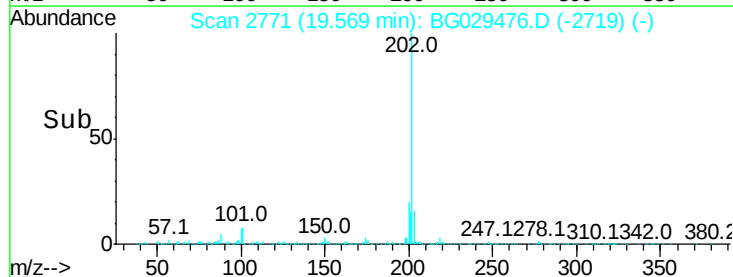
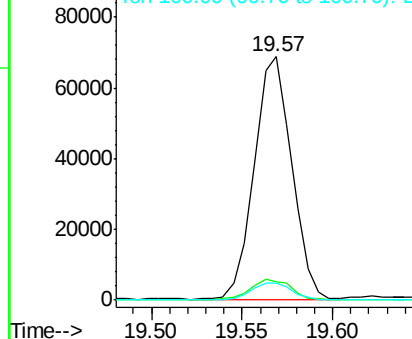
202 100

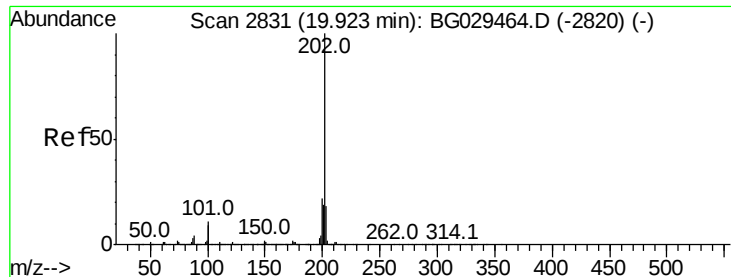
101 7.8 7.4 11.2

100 7.2 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: 2.368 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

Instrument :

BNA_G

ClientSampleId :

B0D42

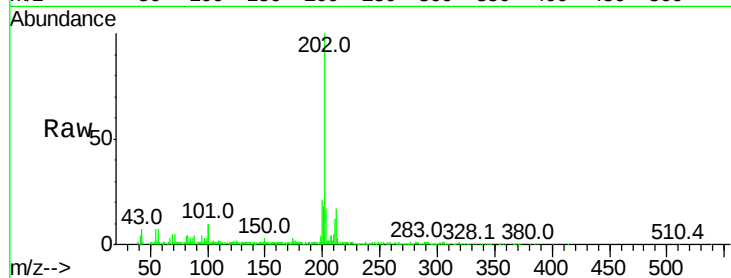
Tot Ion:202 Resp: 99824

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

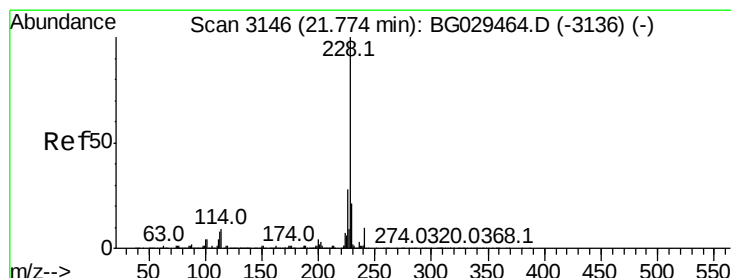
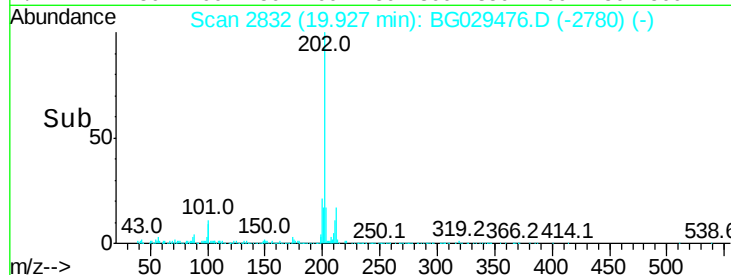
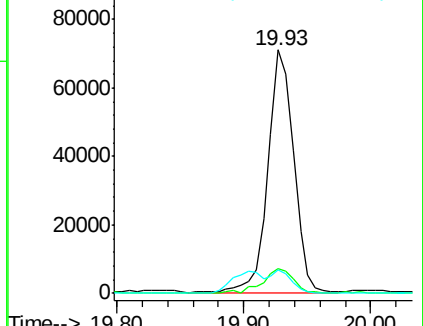
100 9.4 7.0 10.6



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: 1.347 ng/ul

RT: 21.78 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

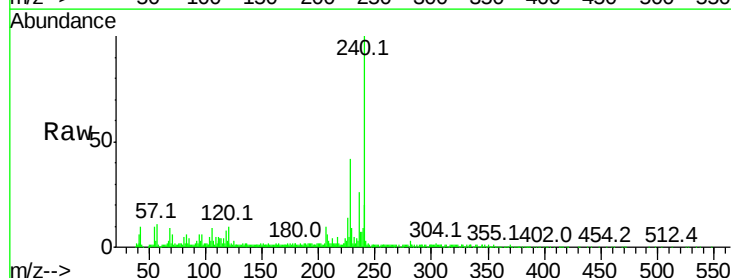
Tgt Ion:228 Resp: 53122

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.4

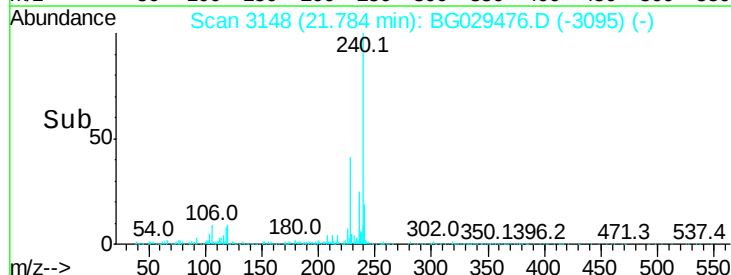
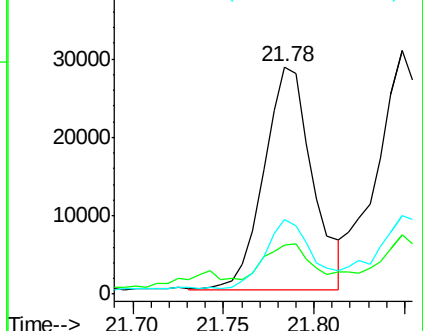
226 33.0 22.2 33.2

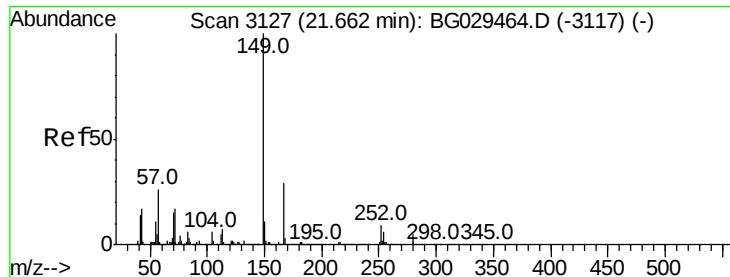


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.040 ng/ul

RT: 21.67 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

Instrument :

BNA_G

ClientSampleId :

B0D42

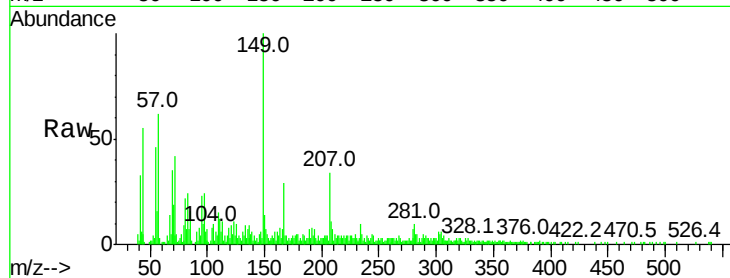
Tot Ion:149 Resp: 25776

Ion Ratio Lower Upper

149 100

167 29.0 23.2 34.8

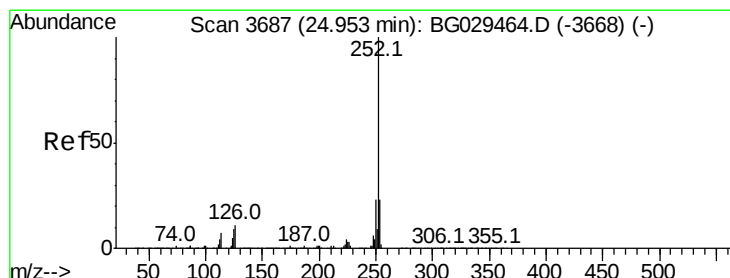
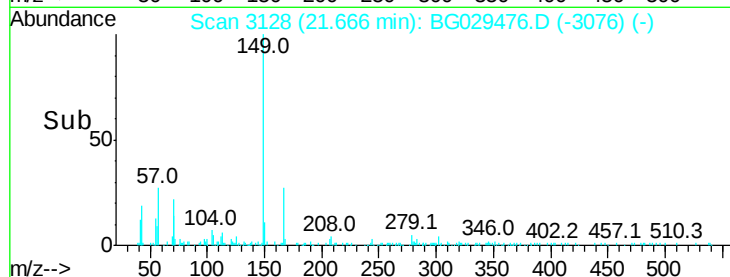
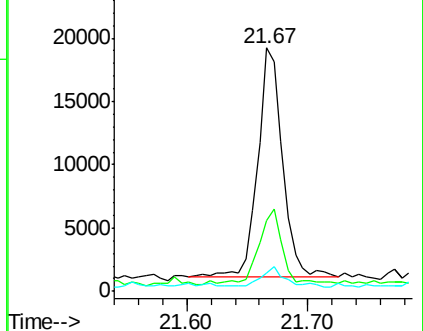
279 7.4 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#88

Benzo(a)pyrene

Concen: 1.364 ng/ul

RT: 24.97 min Scan# 3690

Delta R.T. 0.02 min

Lab File: BG029476.D

Acq: 26 Oct 2017 13:37

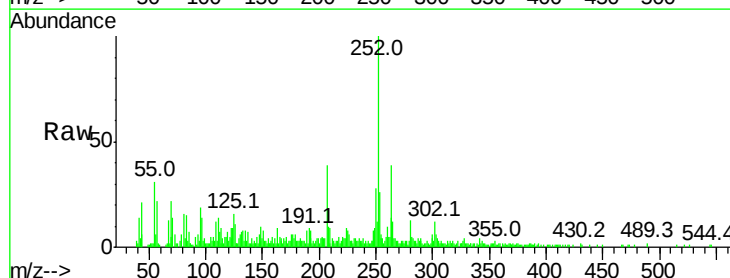
Tgt Ion:252 Resp: 51275

Ion Ratio Lower Upper

252 100

253 25.9 17.1 25.7#

125 15.8 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

