

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
 Data File : BG025018.D
 Acq On : 8 Dec 2016 22:36
 Operator : UM/SJ
 Sample : H5863-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y4

Quant Time: Dec 09 02:31:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	98486	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	401927	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	340288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	804179	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1100539	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1150086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	7549	3.96	ng/uL	0.00
5) Phenol-d5	7.38	99	147422	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	108127	20.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	112595	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	126054	17.75	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	67902	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	77255	21.77	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.68	165	134625	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	95266	14.21	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	566428	24.20	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	568270	22.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	66852	16.62	ng/ul	0.00
57) Fluorene-d10	15.85	176	520014	23.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	100987	20.31	ng/ul	0.00
70) Anthracene-d10	17.70	188	796088	23.45	ng/ul	0.00
76) Pyrene-d10	19.97	212	970540	21.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1029797	22.10	ng/ul	0.00

Target Compounds

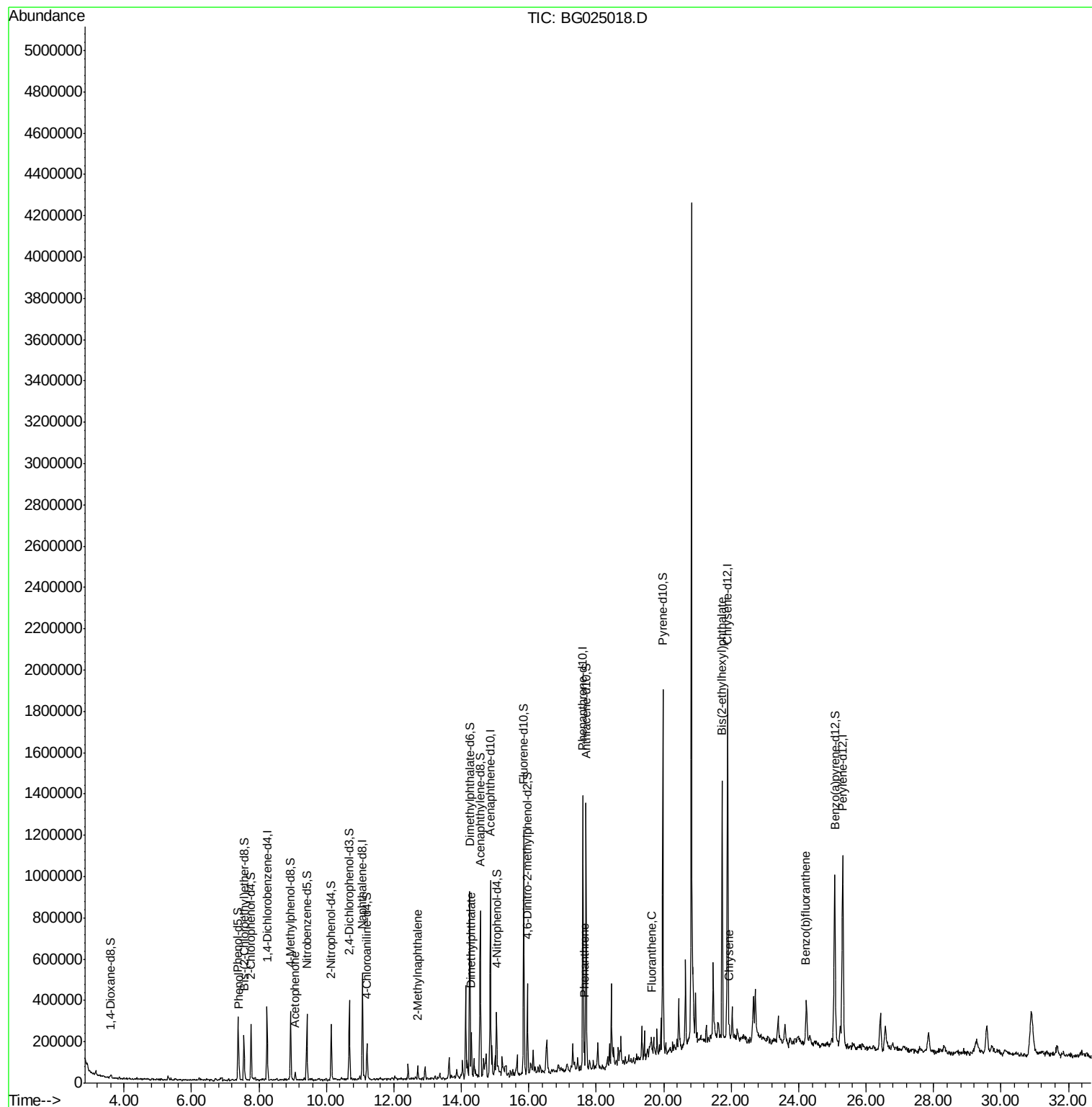
						Ovalue
6) Phenol	7.40	94	34903	4.00	ng/ul	89
14) Acetophenone	9.07	105	20148	1.86	ng/ul#	71
34) 2-Methylnaphthalene	12.70	142	27325	1.85	ng/ul	98
44) Dimethylphthalate	14.30	163	117927	5.13	ng/ul	98
69) Phenanthrene	17.65	178	80050	2.09	ng/ul	93
74) Fluoranthene	19.64	202	47230	1.04	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.73	149	499409	17.52	ng/ul	99
82) Chrysene	21.94	228	58278	1.09	ng/ul	96
85) Benzo(b)fluoranthene	24.21	252	85440	1.50	ng/ul#	92

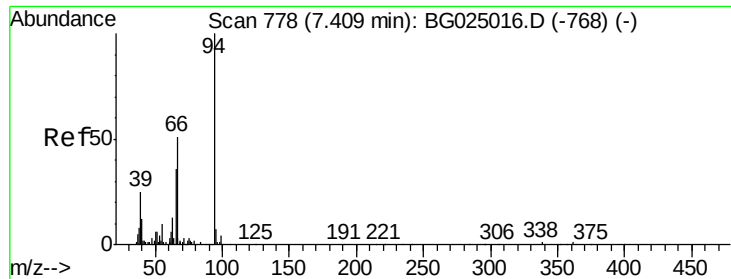
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.00 ng/ul

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Instrument :

BNA_G

ClientSampleId :

DA7Y4

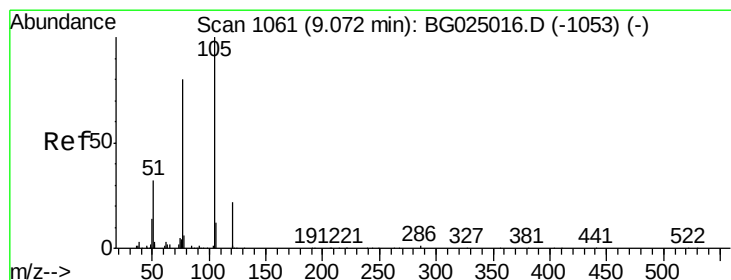
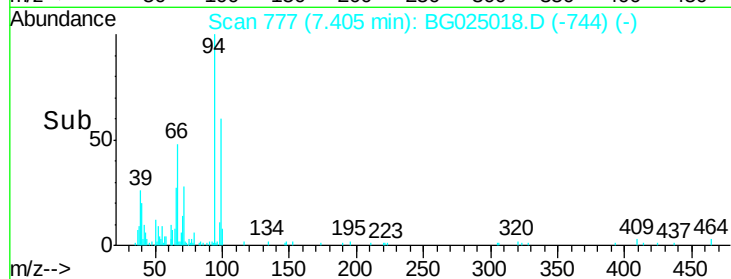
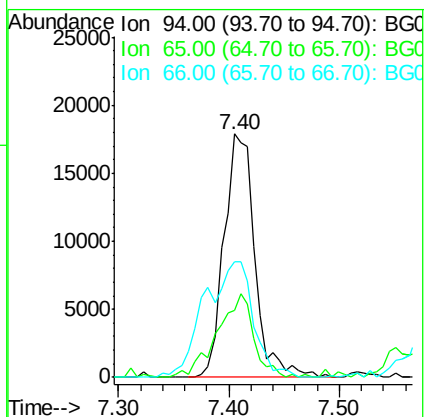
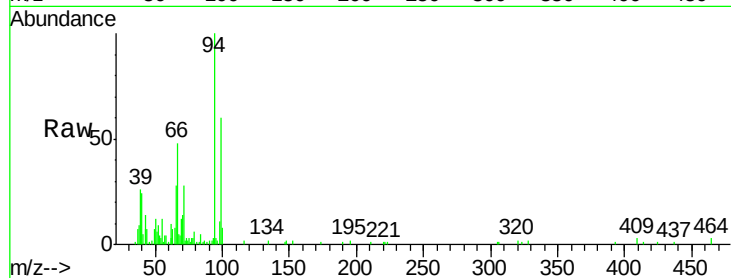
Tot Ion: 94 Resp: 34903

Ion Ratio Lower Upper

94 100

65 27.6 26.8 40.2

66 47.6 44.4 66.6



#14

Acetophenone

Concen: 1.86 ng/ul

RT: 9.07 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

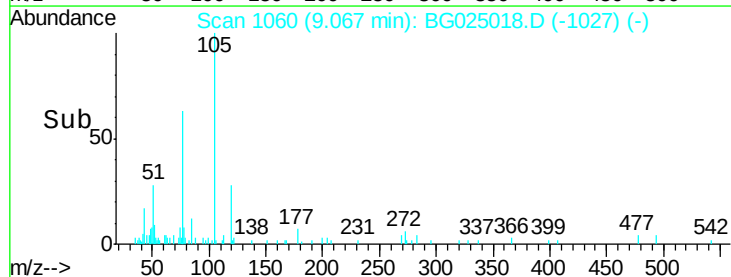
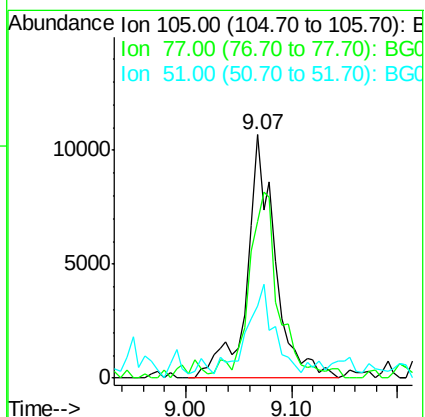
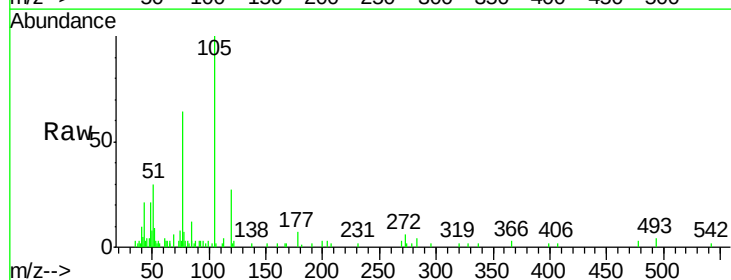
Tgt Ion: 105 Resp: 20148

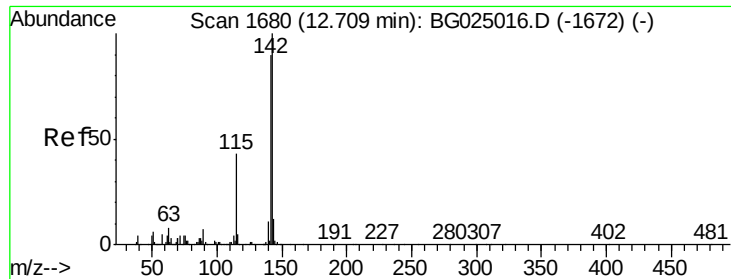
Ion Ratio Lower Upper

105 100

77 64.1 76.0 114.0#

51 29.6 34.8 52.2#





#34

2-Methylnaphthalene

Concen: 1.85 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Instrument :

BNA_G

ClientSampleId :

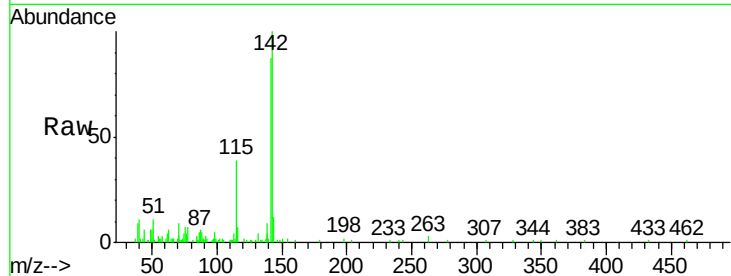
DA7Y4

Tot Ion:142 Resp: 27325

Ion Ratio Lower Upper

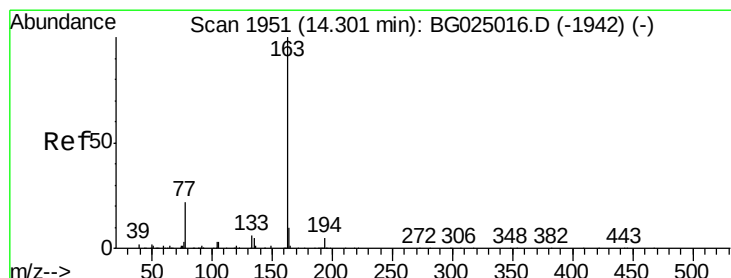
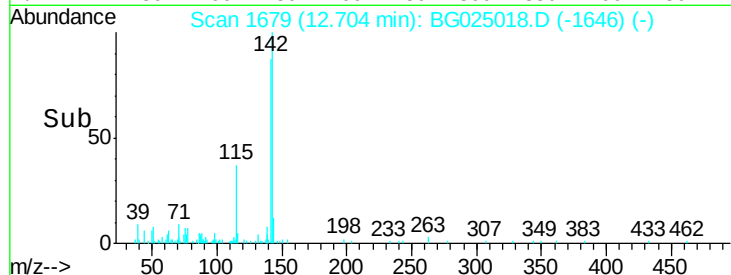
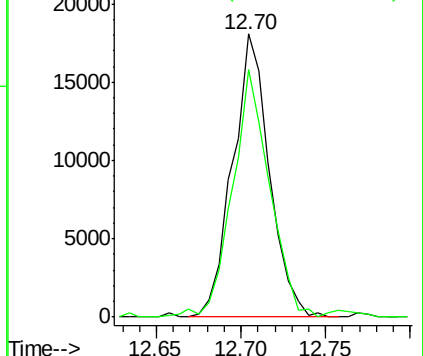
142 100

141 87.4 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 5.13 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

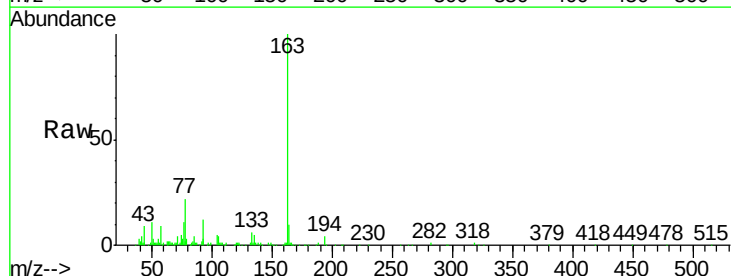
Tgt Ion:163 Resp: 117927

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

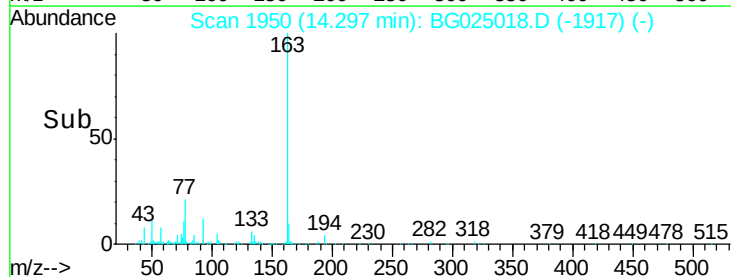
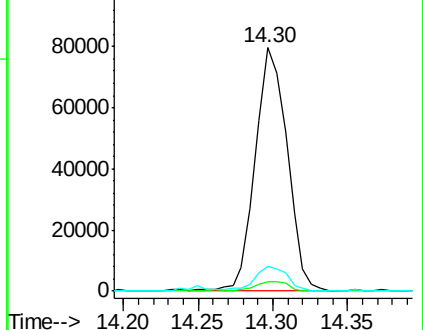
164 10.4 9.0 13.4

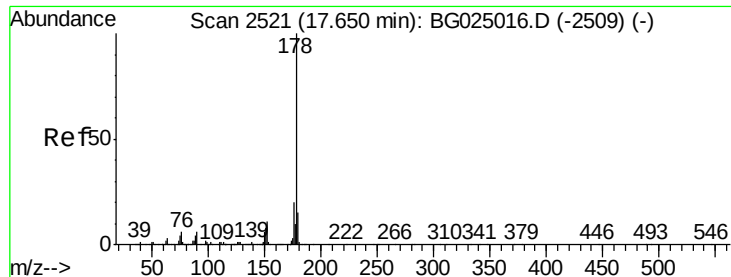


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.09 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Instrument :

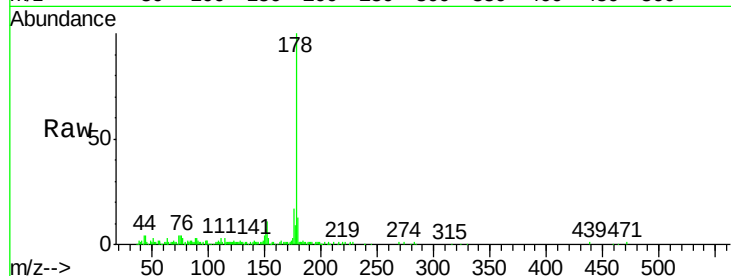
BNA_G

ClientSampleId :

DA7Y4

Tot Ion:178 Resp: 80050

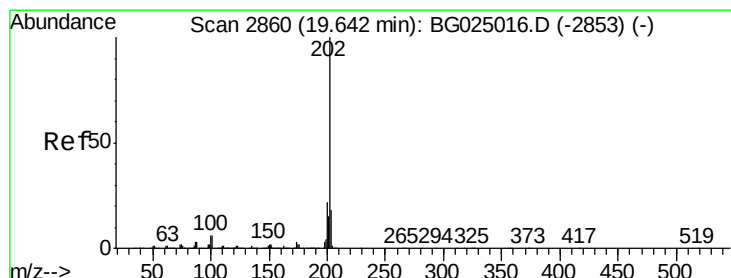
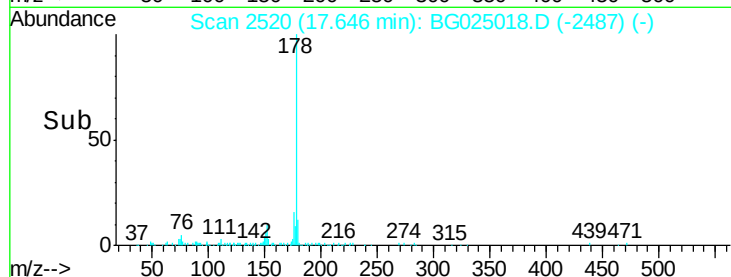
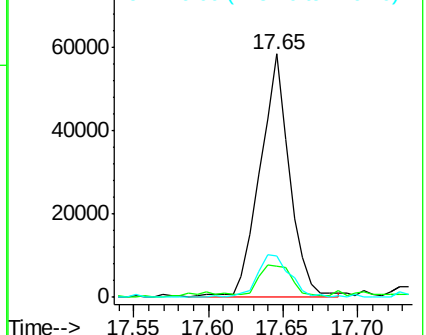
Ion	Ratio	Lower	Upper
178	100		
179	12.5	12.4	18.6
176	17.0	16.5	24.7



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



#74

Fluoranthene

Concen: 1.04 ng/ul

RT: 19.64 min Scan# 2859

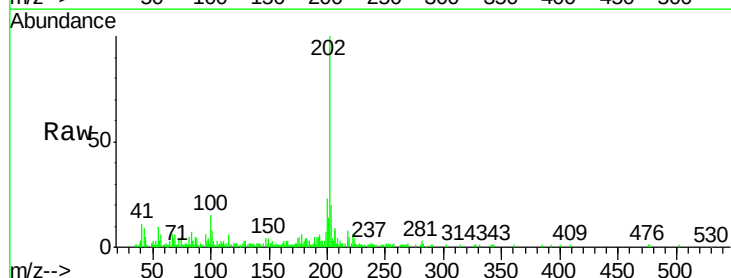
Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Tgt Ion:202 Resp: 47230

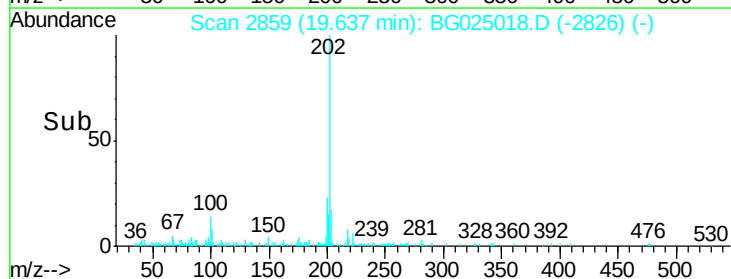
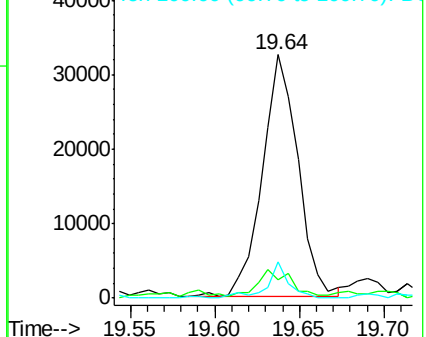
Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.2	9.2
100	14.7	5.2	7.8#

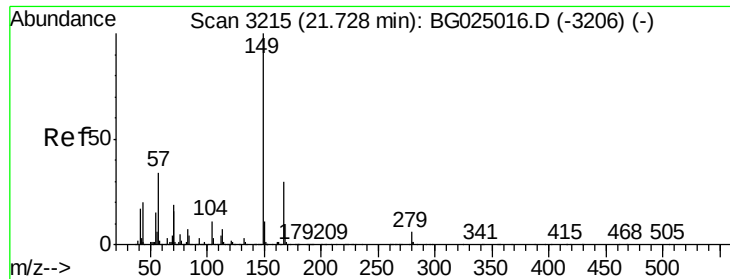


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Bis(2-ethylhexyl)phthalate

Concen: 17.52 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Instrument :

BNA_G

ClientSampleId :

DA7Y4

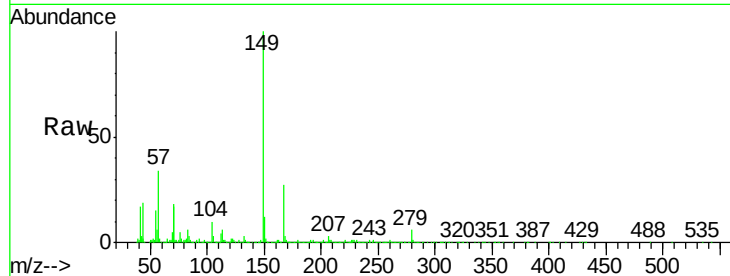
Tot Ion:149 Resp: 499409

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

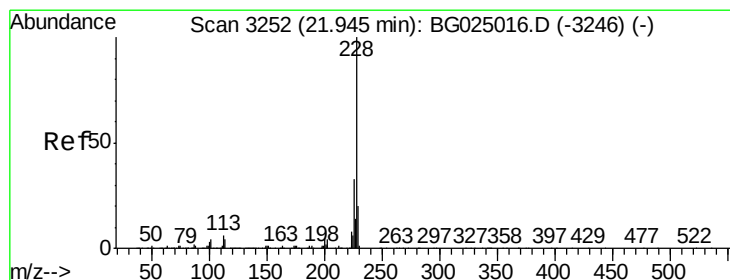
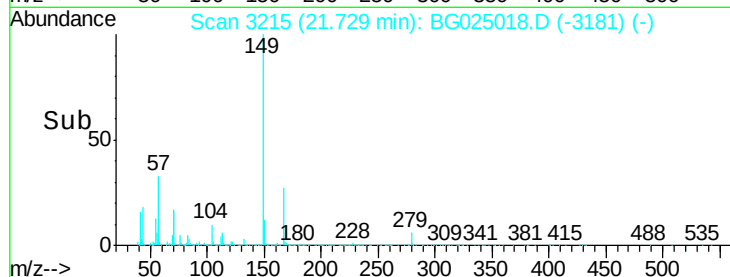
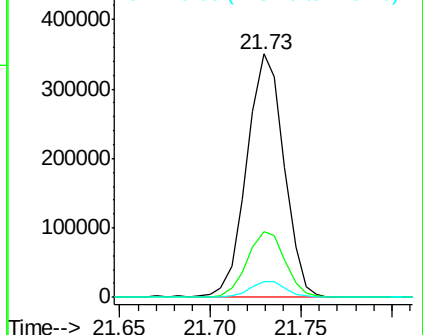
279 6.3 4.5 6.7



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



#82

Chrysene

Concen: 1.09 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

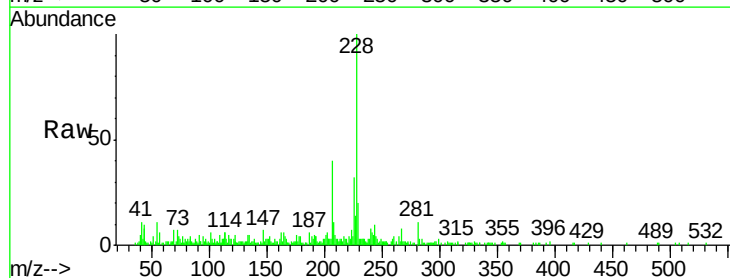
Tgt Ion:228 Resp: 58278

Ion Ratio Lower Upper

228 100

226 32.4 24.0 36.0

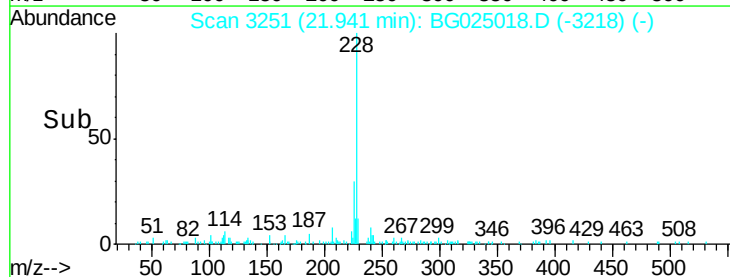
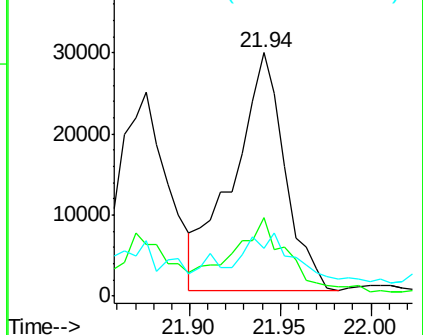
229 19.7 16.9 25.3

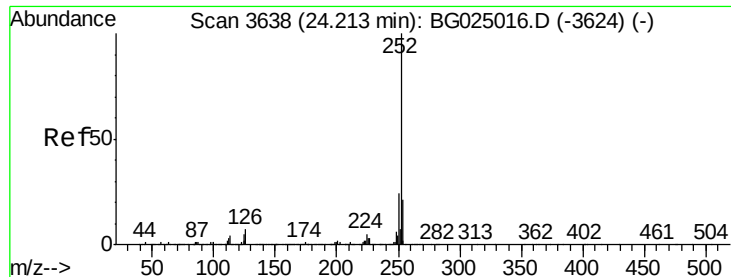


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.50 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.00 min

Lab File: BG025018.D

Acq: 8 Dec 2016 22:36

Instrument :

BNA_G

ClientSampleId :

DA7Y4

Tot Ion:252 Resp: 85440

Ion Ratio Lower Upper

252 100

253 26.7 17.7 26.5#

125 4.3 4.0 6.0

