

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
 Data File : BG019800.D
 Acq On : 23 Nov 2015 3:08
 Operator : UM/NP
 Sample : G4345-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4J66

Quant Time: Nov 23 04:20:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 04:11:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	17948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	84179	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	73264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	200763	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	263613	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	255657	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1402	3.34	ng/uL	0.00
5) Phenol-d5	7.26	99	37230	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	23183	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	23493	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	31274	20.54	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	12735	18.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	16314	20.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	35485	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	13539	8.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	130583	19.71	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	122992	17.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	16712	16.01	ng/ul	0.00
58) Fluorene-d10	15.74	176	99473	16.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	22762	17.55	ng/ul	0.00
71) Anthracene-d10	17.59	188	151995	15.59	ng/ul	0.00
79) Pyrene-d10	19.87	212	150740	12.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	130876	9.81	ng/ul	0.00

Target Compounds

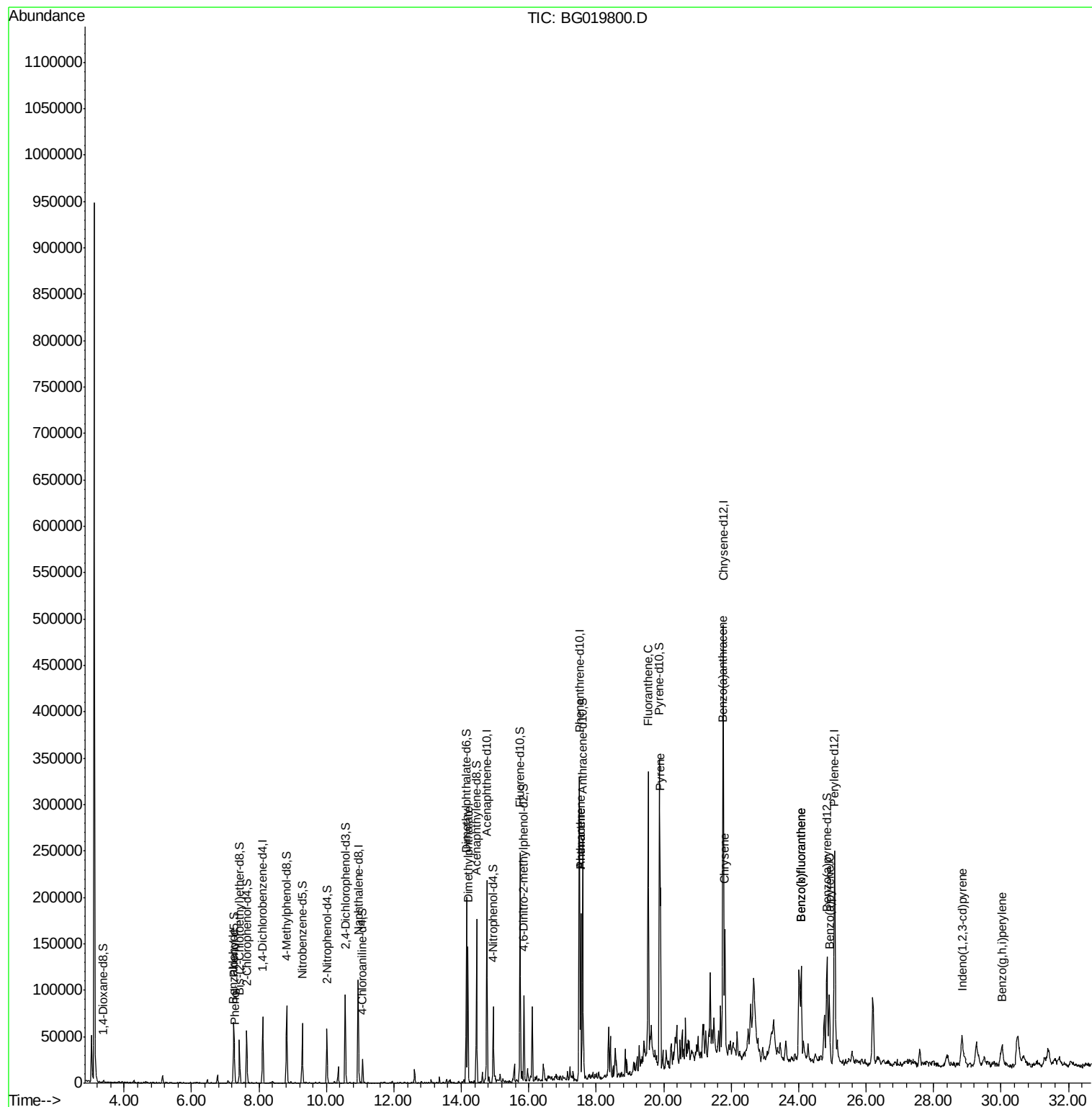
						Qvalue
4) Benzaldehyde	7.24	77	4255	3.18	ng/ul#	82
6) Phenol	7.29	94	2735	1.38	ng/ul#	81
45) Dimethylphthalate	14.20	163	89666	13.65	ng/ul	98
70) Phenanthrene	17.54	178	109267	10.17	ng/ul	98
72) Anthracene	17.54	178	109267	10.09	ng/ul	97
77) Fluoranthene	19.54	202	197564	14.43	ng/ul	99
80) Pyrene	19.90	202	162225	10.54	ng/ul	96
83) Benzo(a)anthracene	21.75	228	108334	6.78	ng/ul	97
85) Chrysene	21.81	228	98173	6.53	ng/ul	95
88) Benzo(b)fluoranthene	24.07	252	39047	2.48	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	39751	2.62	ng/ul	99
91) Benzo(a)pyrene	24.91	252	83664	5.52	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	28.84	276	54164	3.19	ng/ul	96
94) Benzo(g,h,i)perylene	30.02	276	44061	3.13	ng/ul	96

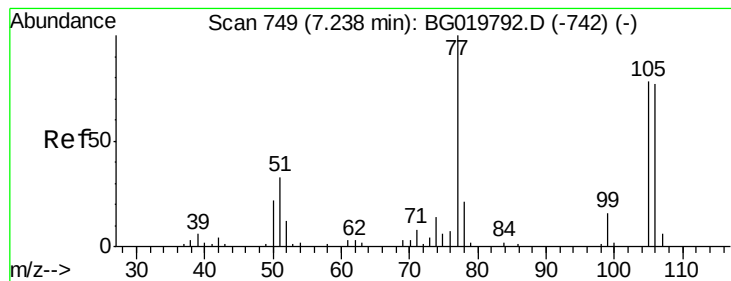
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.18 ng/ul

RT: 7.24 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Instrument :

BNA_G

ClientSampleId :

A4J66

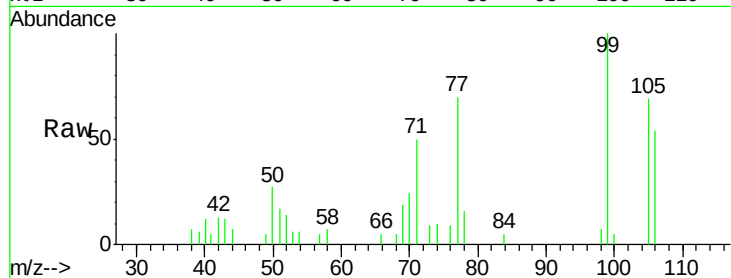
Tgt Ion: 77 Resp: 4255

Ion Ratio Lower Upper

77 100

105 98.7 58.6 88.0#

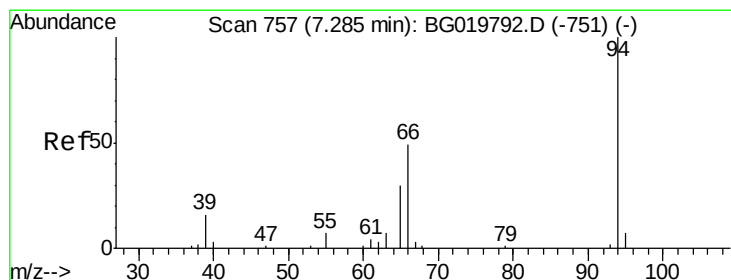
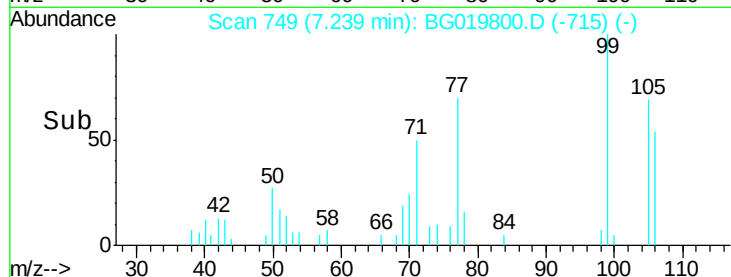
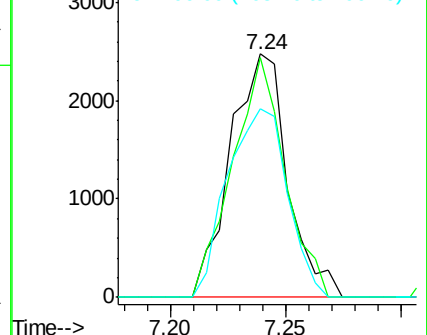
106 77.4 57.7 86.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 1.38 ng/ul

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

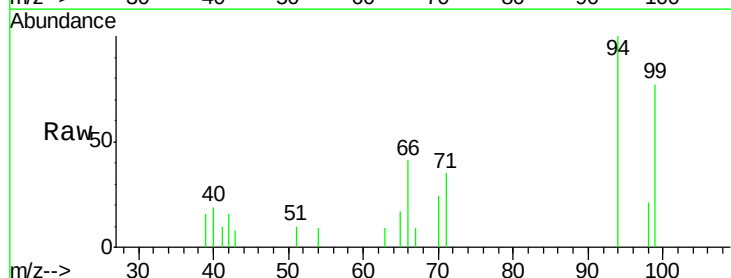
Tgt Ion: 94 Resp: 2735

Ion Ratio Lower Upper

94 100

65 17.0 27.4 41.0#

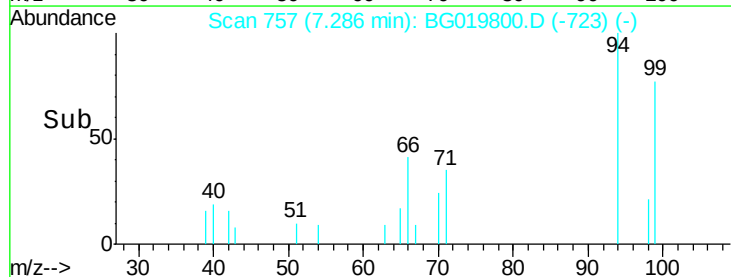
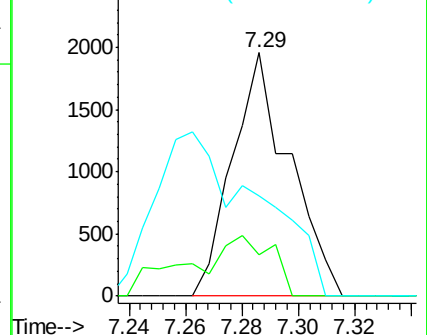
66 41.0 39.0 58.6

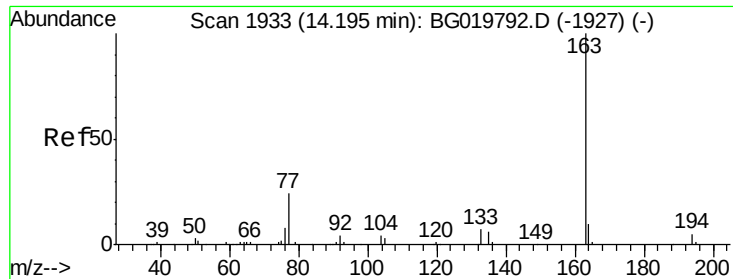


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

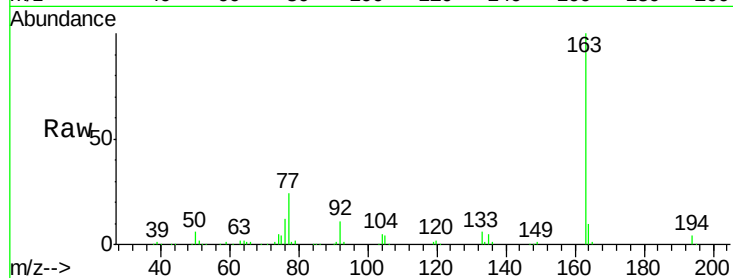




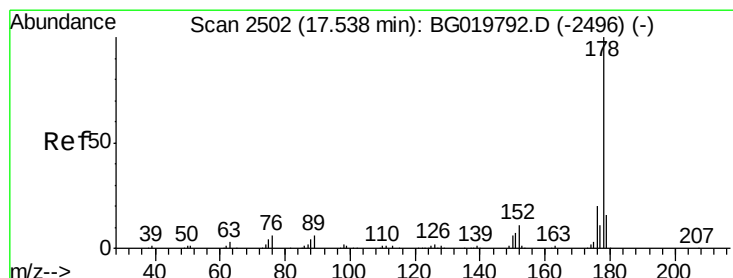
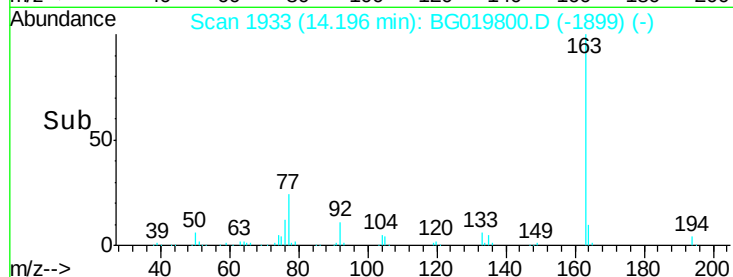
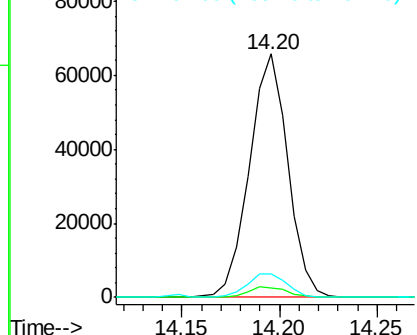
#45
Dimethylphthalate
Concen: 13.65 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Instrument :
BNA_G
ClientSampleId :
A4J66

Tgt Ion:163 Resp: 89666
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.6 8.3 12.5

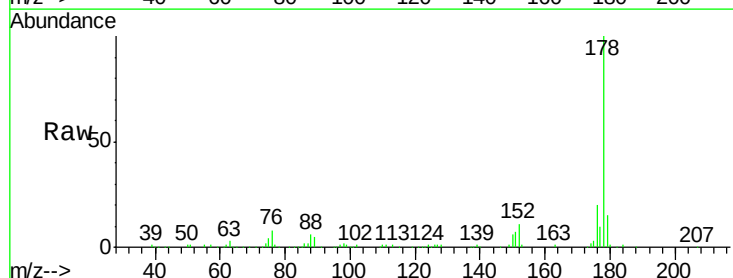


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

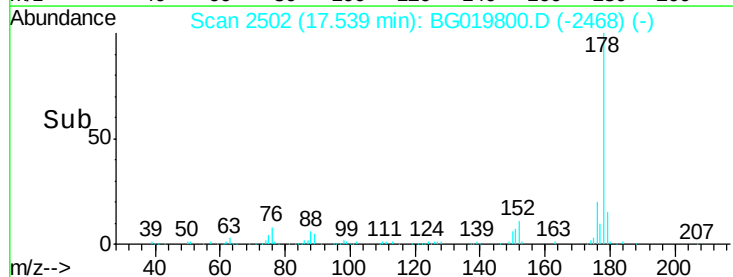
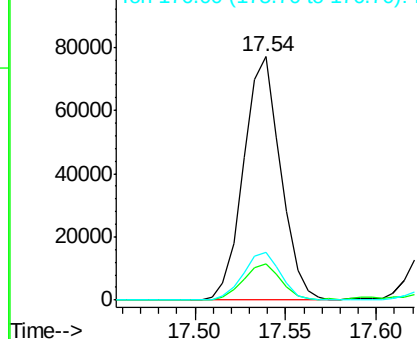


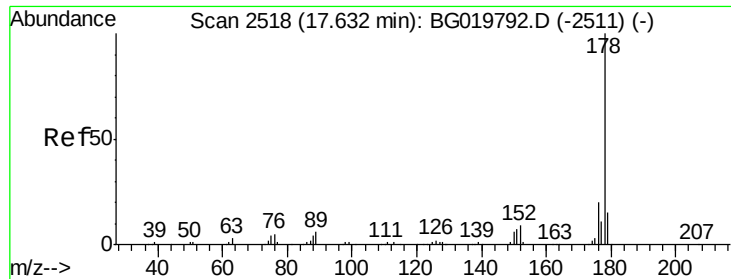
#70
Phenanthrene
Concen: 10.17 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG019800.D
Acq: 23 Nov 2015 3:08

Tgt Ion:178 Resp: 109267
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 19.8 16.6 24.8



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

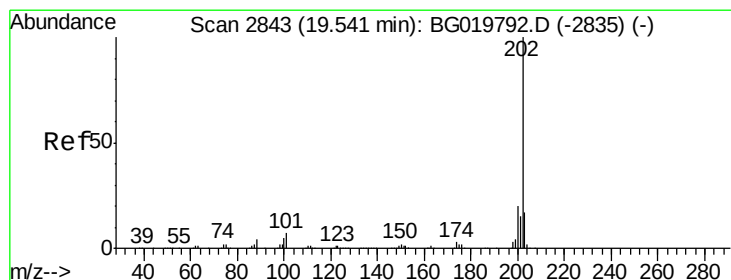
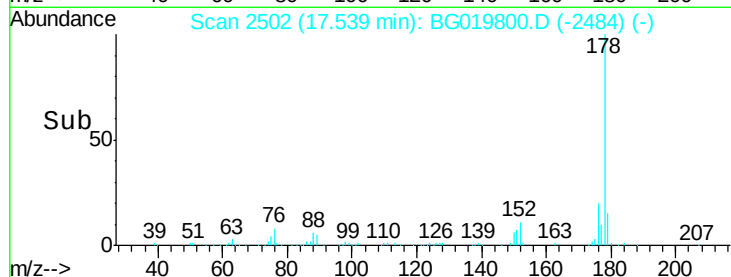
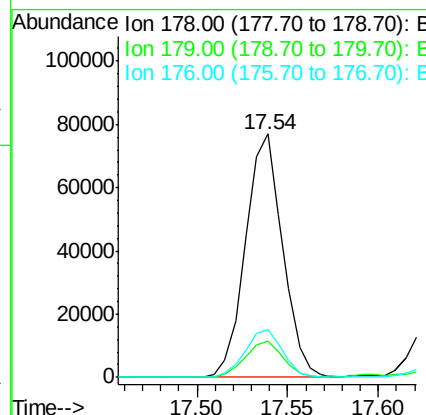
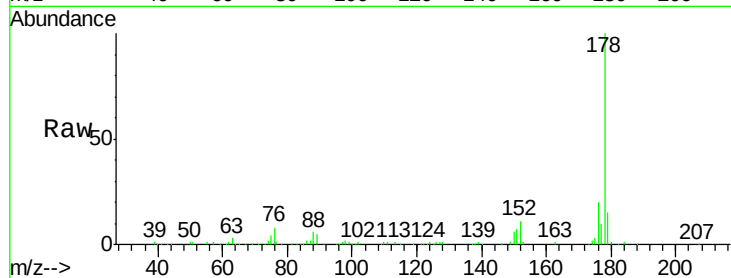




#72
 Anthracene
 Concen: 10.09 ng/ul
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.09 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

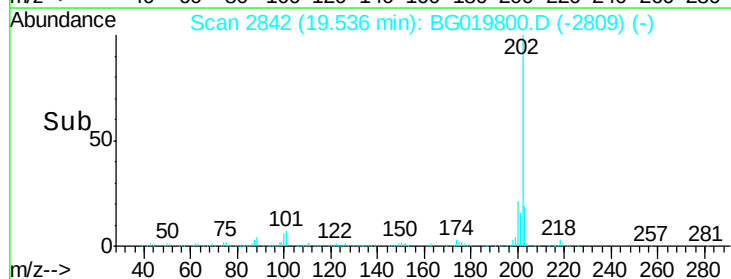
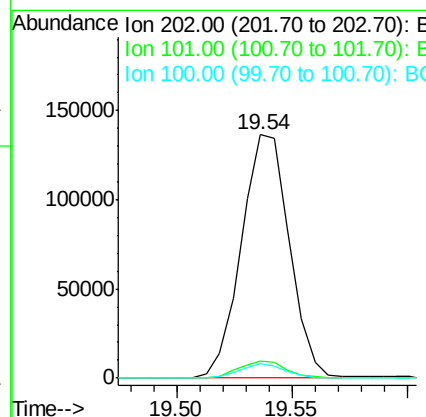
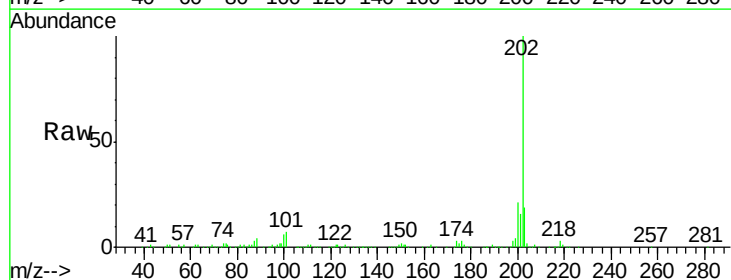
Instrument :
 BNA_G
 ClientSampleId :
 A4J66

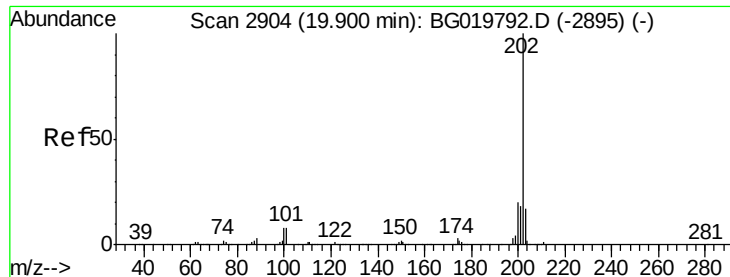
Tgt Ion:178 Resp: 109267
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.6 19.0
 176 19.8 15.0 22.4



#77
 Fluoranthene
 Concen: 14.43 ng/ul
 RT: 19.54 min Scan# 2842
 Delta R.T. -0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

Tgt Ion:202 Resp: 197564
 Ion Ratio Lower Upper
 202 100
 101 7.0 5.2 7.8
 100 5.9 5.0 7.4

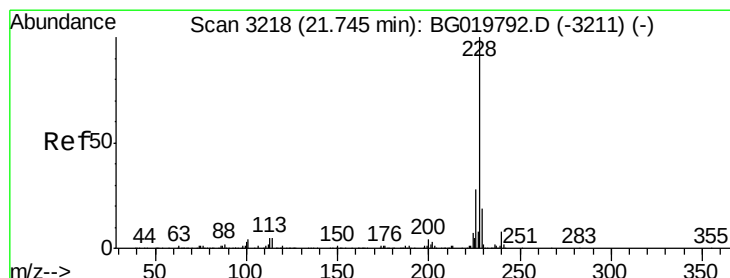
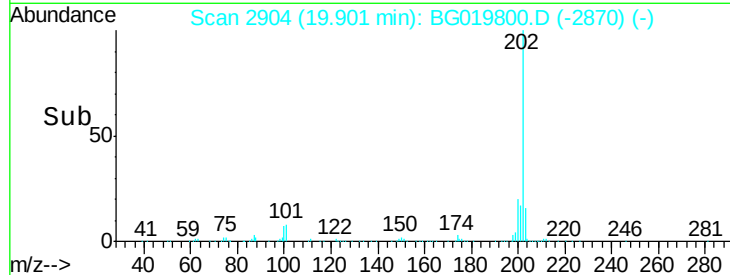
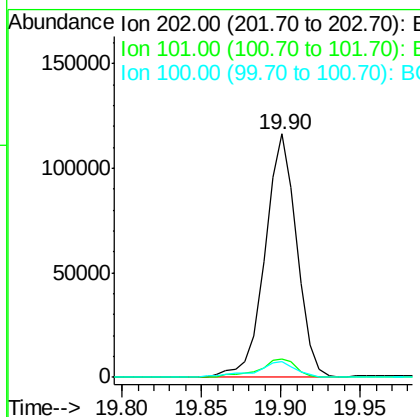
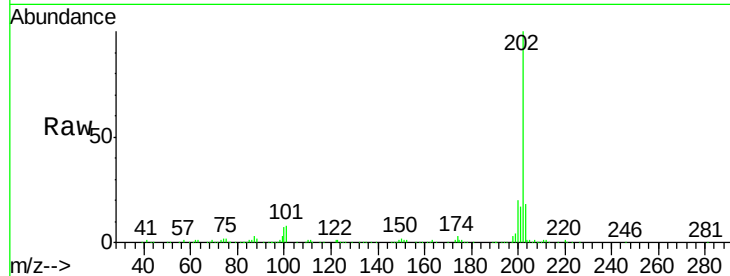




#80
 Pyrene
 Concen: 10.54 ng/ul
 RT: 19.90 min Scan# 2904
 Delta R.T. 0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

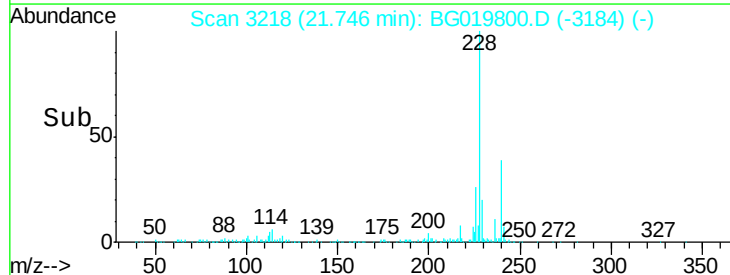
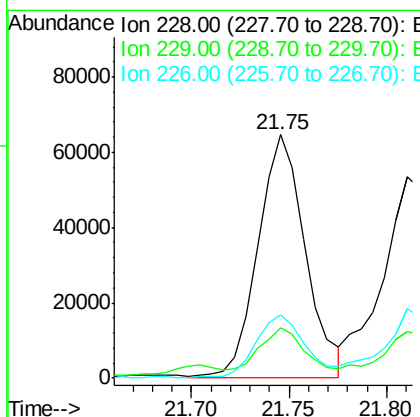
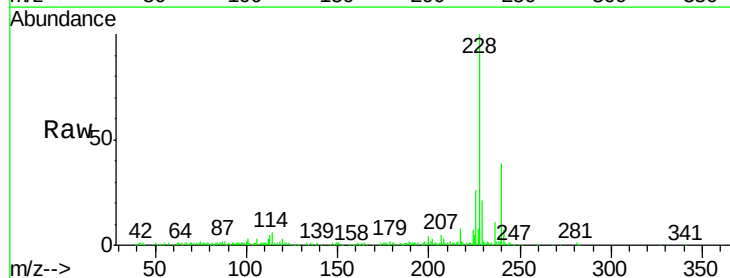
Instrument :
 BNA_G
 ClientSampleId :
 A4J66

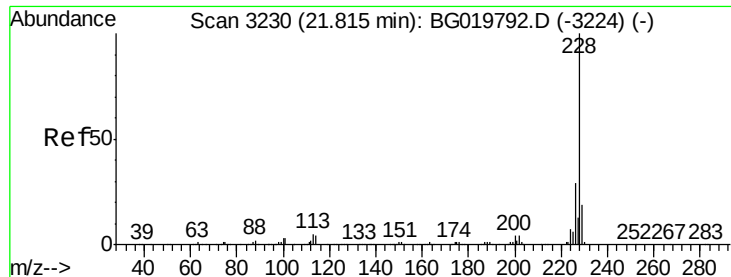
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	7.0	10.6
100	6.6	6.6	10.0



#83
 Benzo(a)anthracene
 Concen: 6.78 ng/ul
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: BG019800.D
 Acq: 23 Nov 2015 3:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	25.9	22.6	33.8





#85

Chrysene

Concen: 6.53 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Instrument :

BNA_G

ClientSampleId :

A4J66

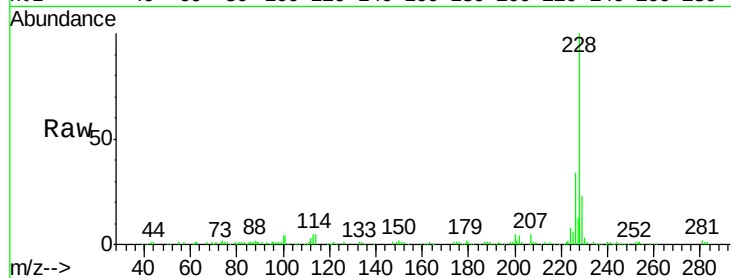
Tgt Ion:228 Resp: 98173

Ion Ratio Lower Upper

228 100

226 34.4 24.9 37.3

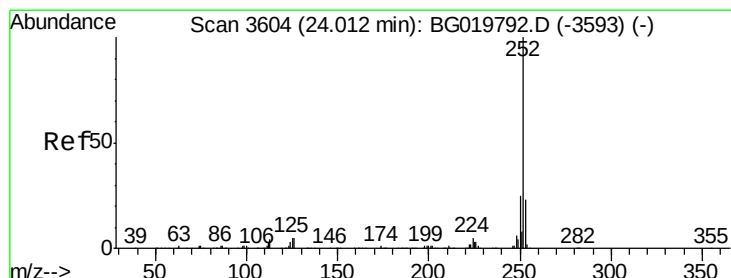
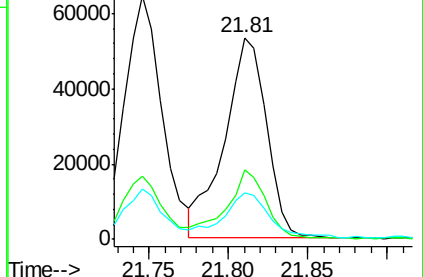
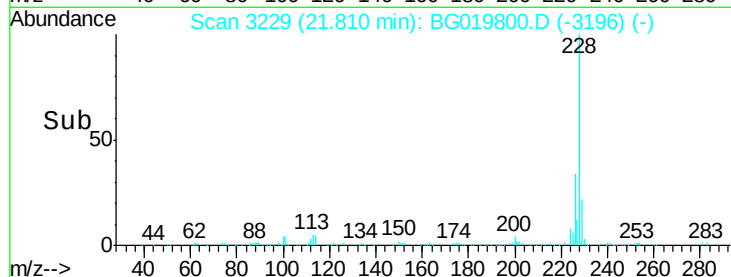
229 22.9 17.0 25.6



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



#88

Benzo(b)fluoranthene

Concen: 2.48 ng/ul

RT: 24.07 min Scan# 3614

Delta R.T. 0.06 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

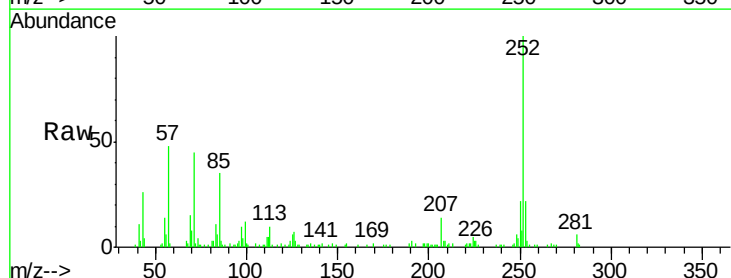
Tgt Ion:252 Resp: 39047

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

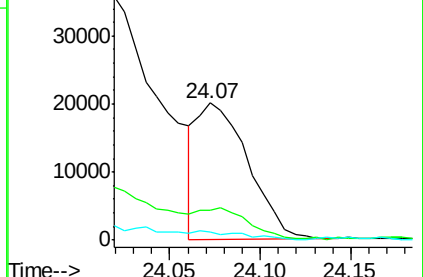
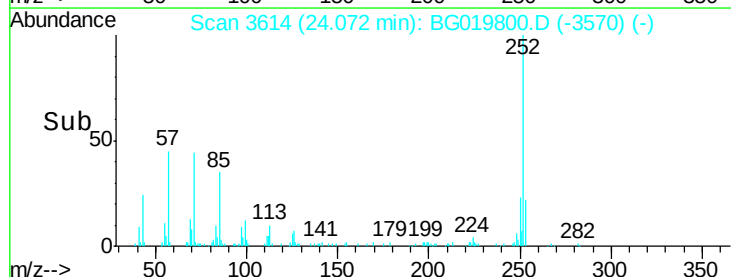
125 6.2 4.2 6.4

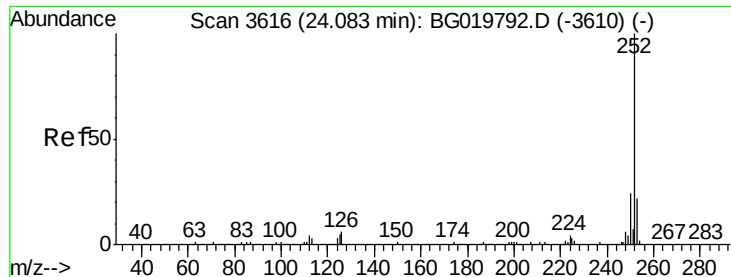


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.62 ng/ul

RT: 24.07 min Scan# 3614

Delta R.T. -0.01 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

Instrument :

BNA_G

ClientSampled :

A4J66

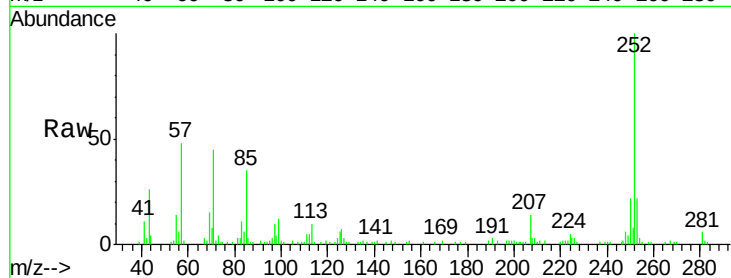
Tgt Ion:252 Resp: 39751

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

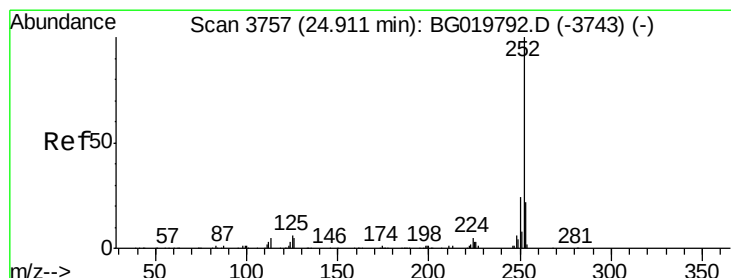
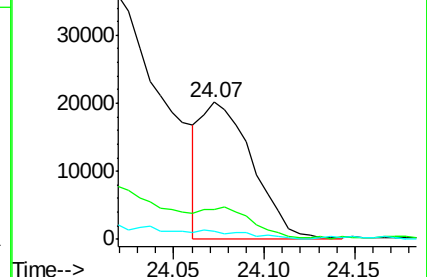
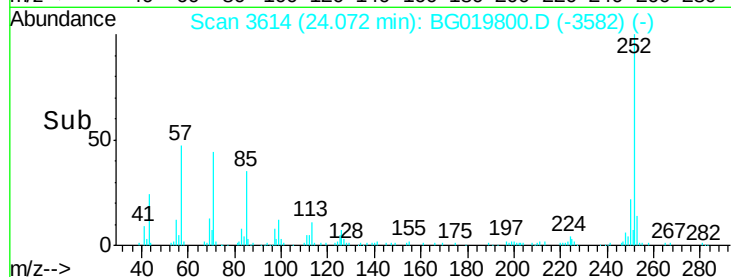
125 6.2 4.4 6.6



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



#91

Benzo(a)pyrene

Concen: 5.52 ng/ul

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

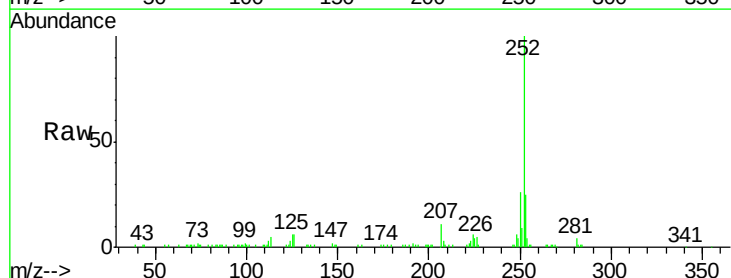
Tgt Ion:252 Resp: 83664

Ion Ratio Lower Upper

252 100

253 24.6 16.9 25.3

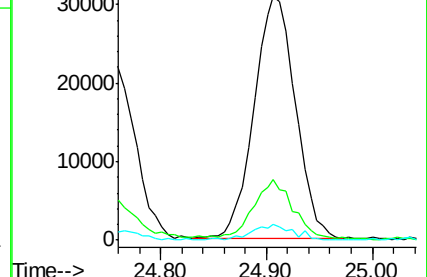
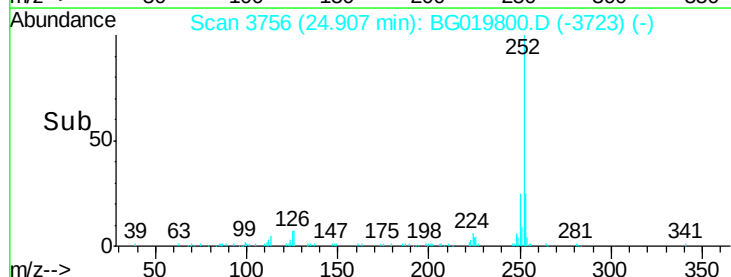
125 6.3 5.4 8.0

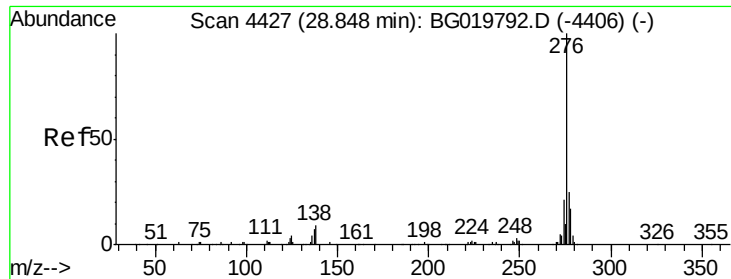


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.19 ng/ul

RT: 28.84 min Scan# 4426

Delta R.T. -0.00 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

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BNA_G

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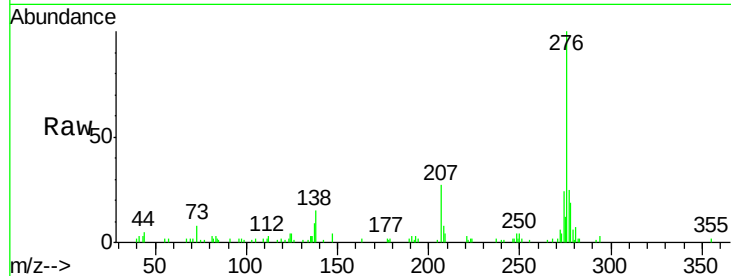
Tgt Ion:276 Resp: 54164

Ion Ratio Lower Upper

276 100

138 14.7 9.9 14.9

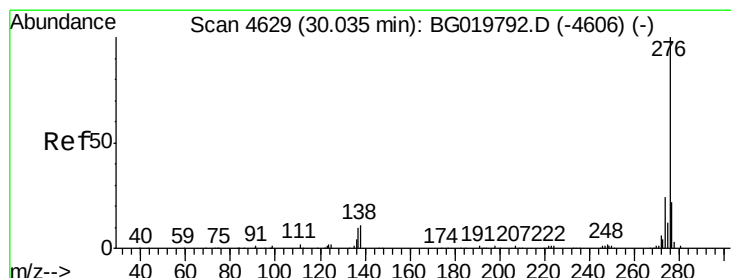
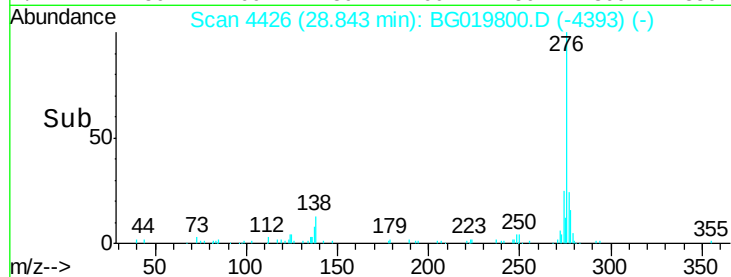
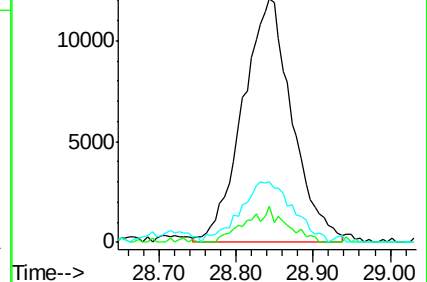
277 25.1 21.3 31.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.13 ng/ul

RT: 30.02 min Scan# 4626

Delta R.T. -0.02 min

Lab File: BG019800.D

Acq: 23 Nov 2015 3:08

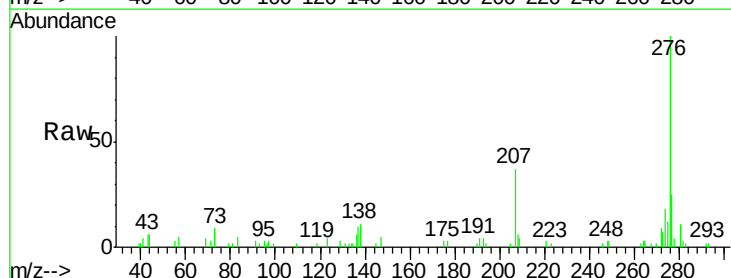
Tgt Ion:276 Resp: 44061

Ion Ratio Lower Upper

276 100

138 10.7 9.2 13.8

277 25.4 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

