

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017393.D
 Acq On : 2 Jun 2015 13:56
 Operator : TP/IZ
 Sample : G2430-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE4

Quant Time: Jun 03 03:46:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 03 03:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	20514	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	91958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	61213	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	142688	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	151284	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	153775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1360	3.15	ng/uL	0.00
5) Phenol-d5	6.84	99	26865	15.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	16340	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	24063	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	15862	10.71	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	11195	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15257	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	24335	16.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	15157	8.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	79745	18.27	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	100709	17.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	13233	15.90	ng/ul	0.00
57) Fluorene-d10	15.30	176	73726	17.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	15896	15.92	ng/ul	0.00
70) Anthracene-d10	17.15	188	111677	16.71	ng/ul	0.00
76) Pyrene-d10	19.45	212	125604	17.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	104442	15.21	ng/ul	0.00

Target Compounds

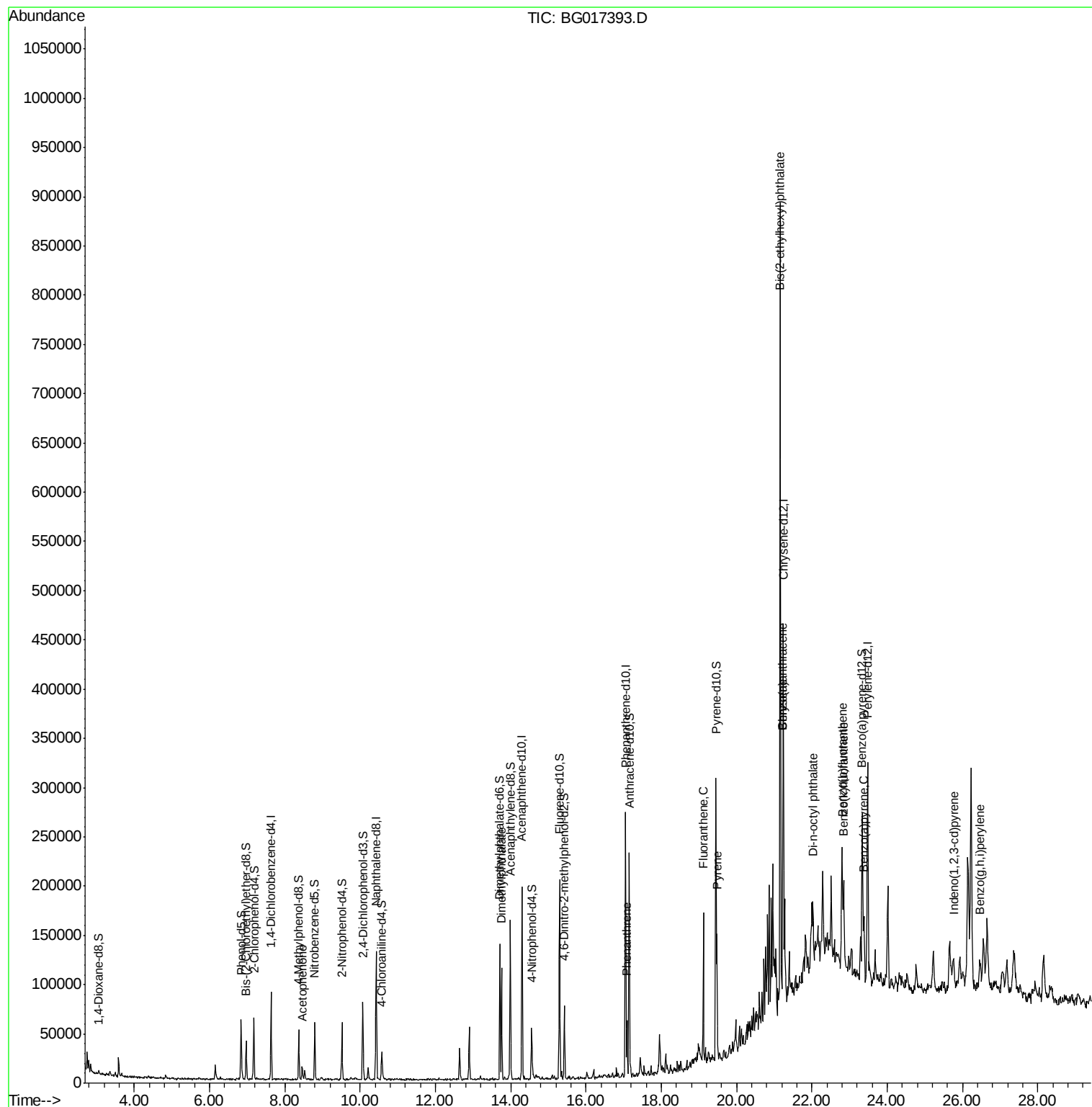
					Qvalue
14) Acetophenone	8.46	105	6456	2.76 ng/ul#	95
44) Dimethylphthalate	13.76	163	57545	11.88 ng/ul	97
69) Phenanthrene	17.09	178	30765	4.06 ng/ul	97
74) Fluoranthene	19.12	202	79400	8.67 ng/ul#	95
77) Pyrene	19.48	202	71143	7.51 ng/ul#	94
80) Benzo(a)anthracene	21.23	228	41389	4.60 ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.16	149	269643	44.06 ng/ul	97
82) Chrysene	21.23	228	42346	5.08 ng/ul	93
84) Di-n-octyl phthalate	22.04	149	24938	2.41 ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	55691	6.01 ng/ul#	90
86) Benzo(k)fluoranthene	22.85	252	19552	2.25 ng/ul#	91
88) Benzo(a)pyrene	23.39	252	39307	4.49 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.76	276	28067	2.84 ng/ul	97
91) Benzo(g,h,i)perylene	26.46	276	25537	3.10 ng/ul	98

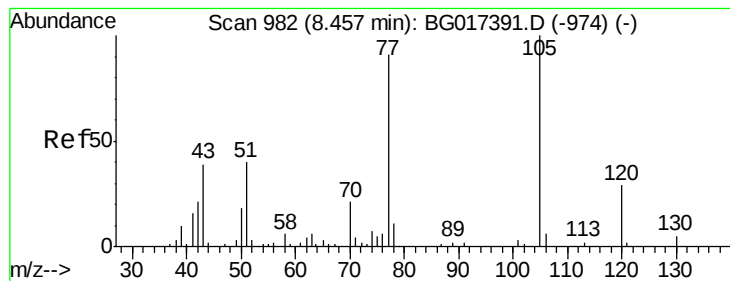
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 03:45:23 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.76 ng/ul

RT: 8.46 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

Instrument :

BNA_G

ClientSampleId :

BCRE4

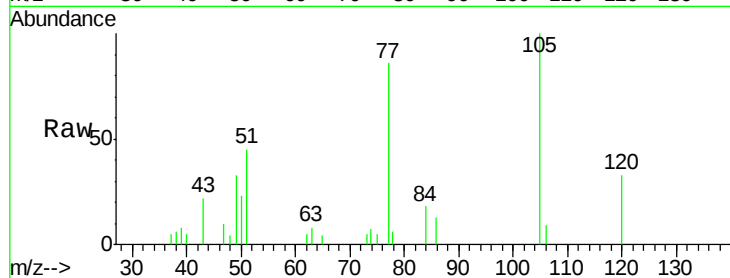
Tgt Ion:105 Resp: 6456

Ion Ratio Lower Upper

105 100

77 85.9 69.4 104.0

51 44.6 29.0 43.4#

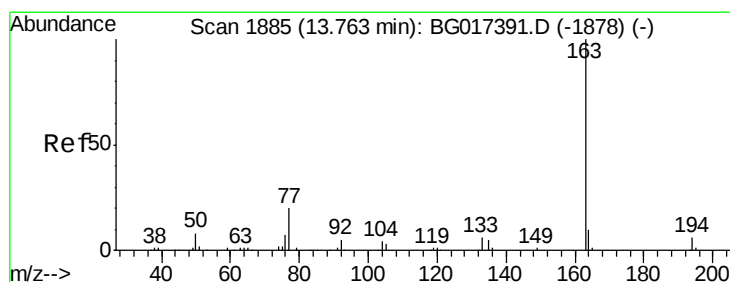
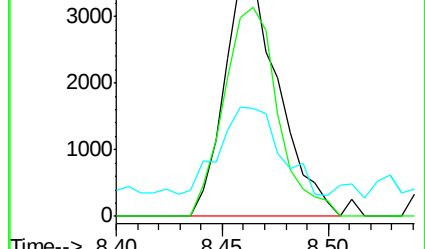
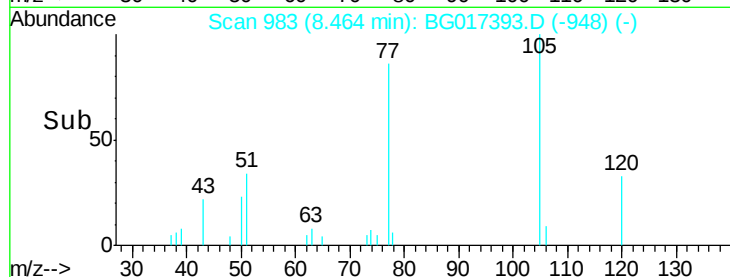


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Time--> 8.40 8.45 8.50



#44

Dimethylphthalate

Concen: 11.88 ng/ul

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

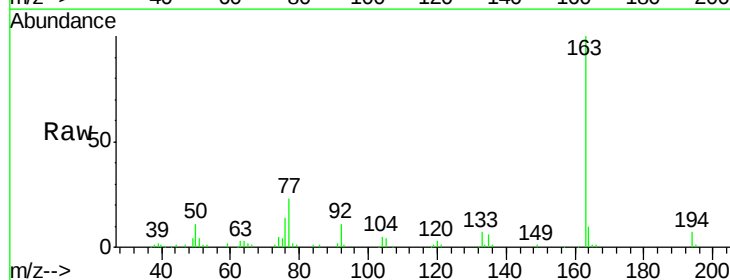
Tgt Ion:163 Resp: 57545

Ion Ratio Lower Upper

163 100

194 6.7 5.2 7.8

164 9.9 9.2 13.8

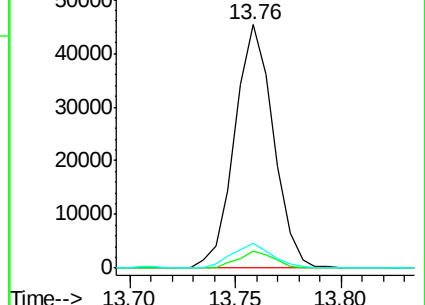
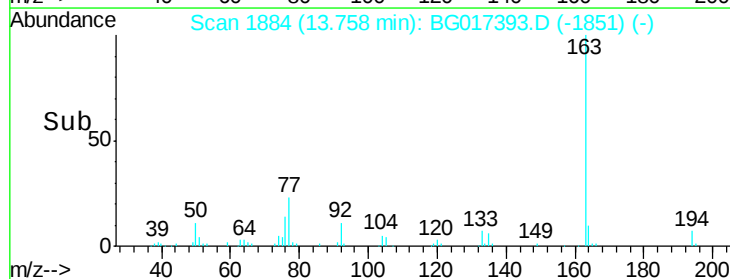


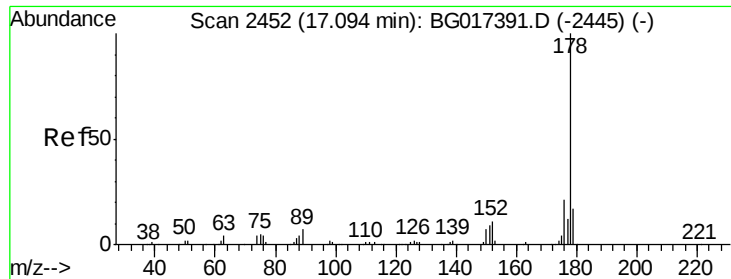
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 13.70 13.75 13.80





#69

Phenanthrene

Concen: 4.06 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

Instrument :

BNA_G

ClientSampleId :

BCRE4

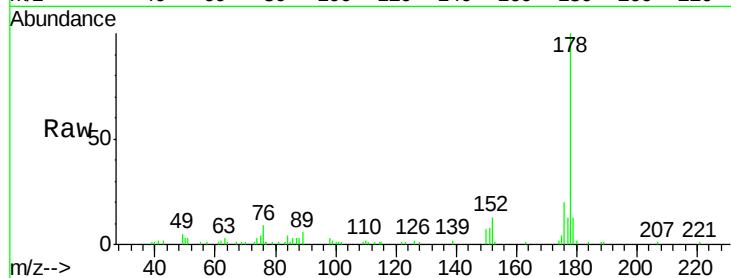
Tgt Ion:178 Resp: 30765

Ion Ratio Lower Upper

178 100

179 13.4 12.4 18.6

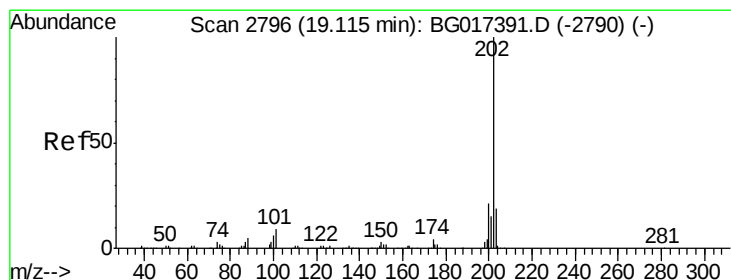
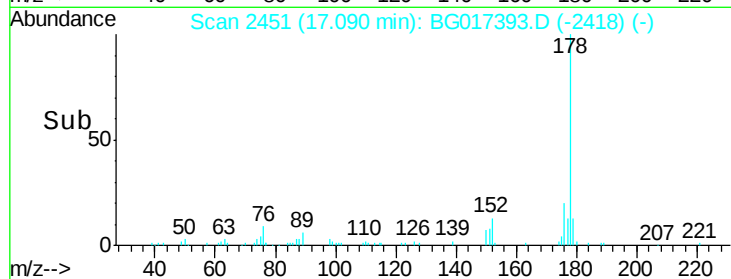
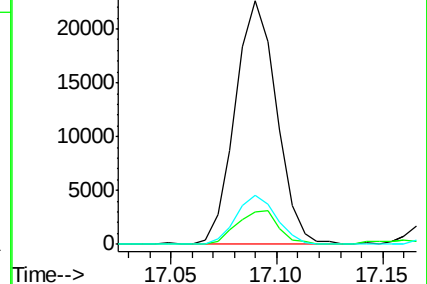
176 20.4 15.5 23.3



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: 8.67 ng/ul

RT: 19.12 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

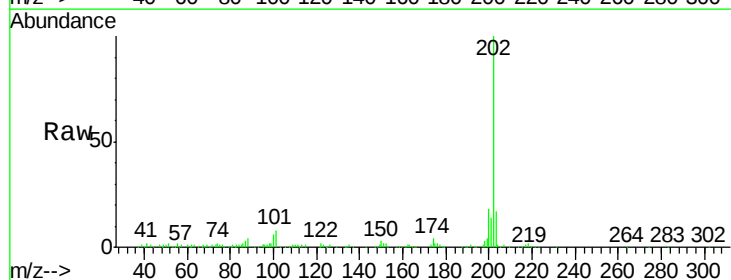
Tgt Ion:202 Resp: 79400

Ion Ratio Lower Upper

202 100

101 7.7 7.8 11.8#

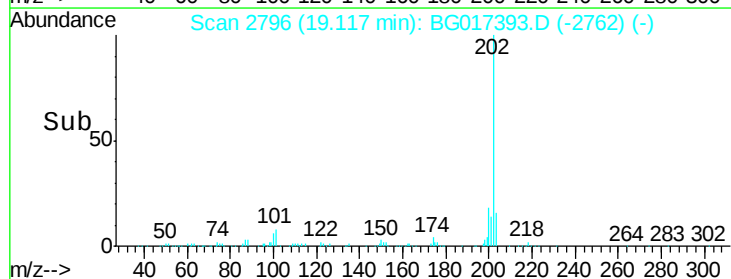
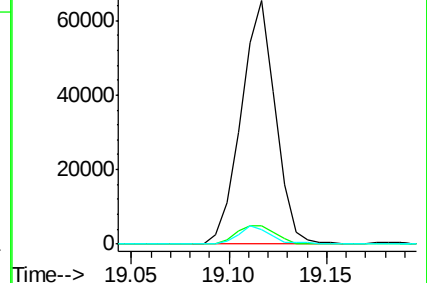
100 6.1 5.8 8.8

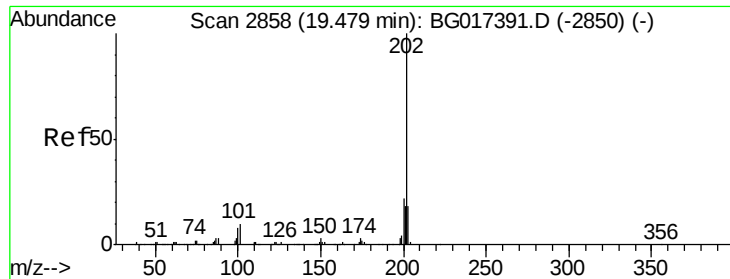


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

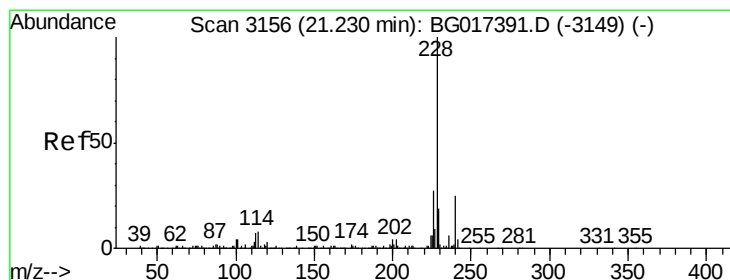
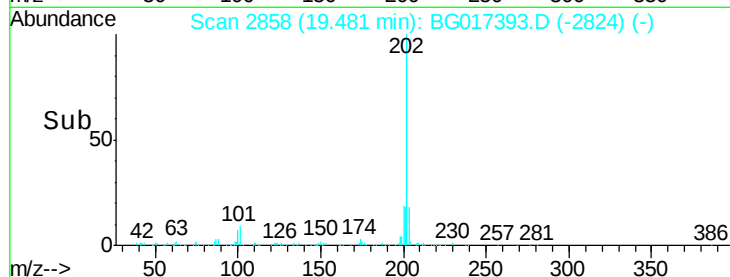
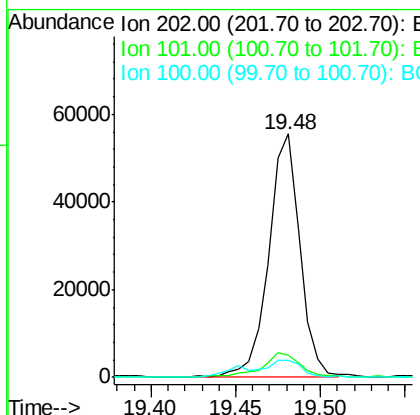
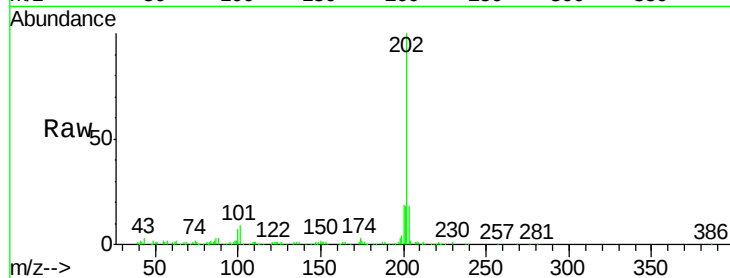




#77
 Pyrene
 Concen: 7.51 ng/ul
 RT: 19.48 min Scan# 2858
 Delta R.T. 0.00 min
 Lab File: BG017393.D
 Acq: 2 Jun 2015 13:56

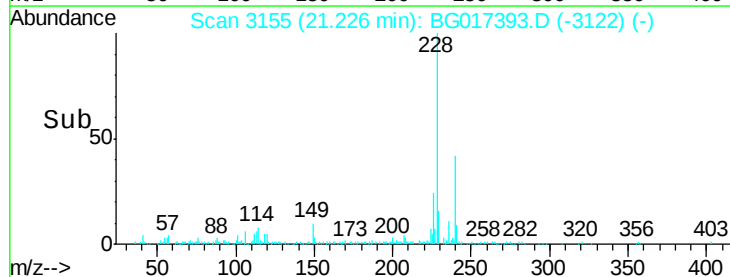
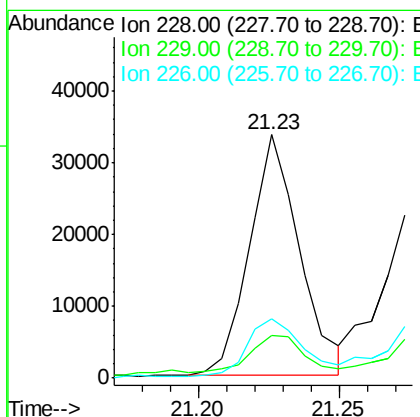
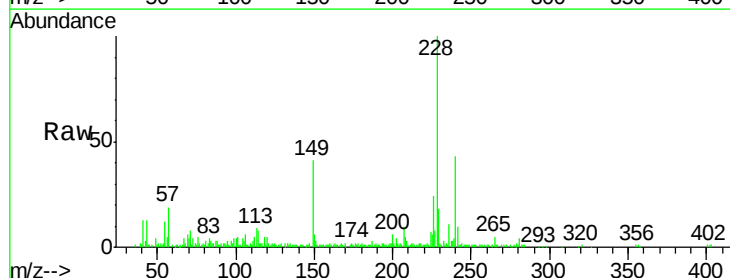
Instrument :
 BNA_G
 ClientSampleId :
 BCRE4

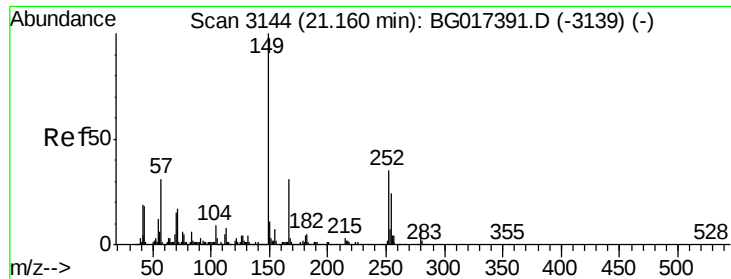
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.6	12.8
100	6.9	7.4	11.2#



#80
 Benzo(a)anthracene
 Concen: 4.60 ng/ul
 RT: 21.23 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG017393.D
 Acq: 2 Jun 2015 13:56

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.6	16.2	24.4
226	24.1	22.2	33.2

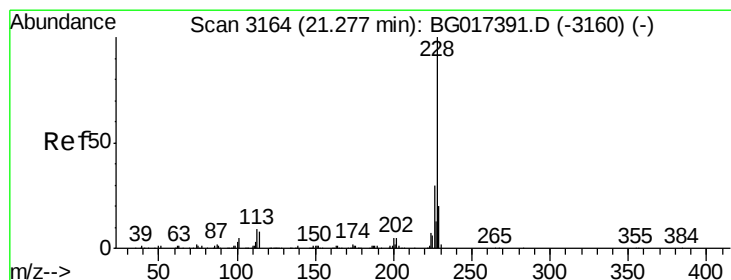
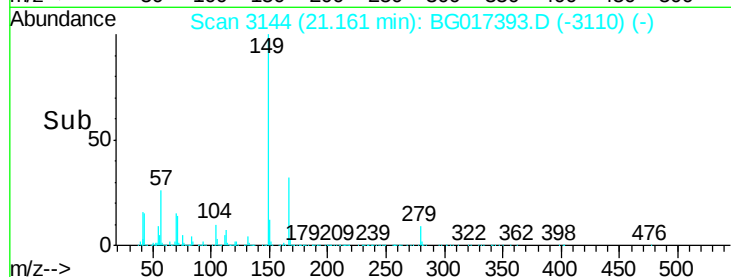
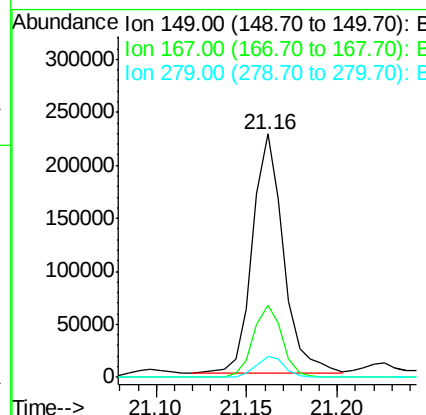
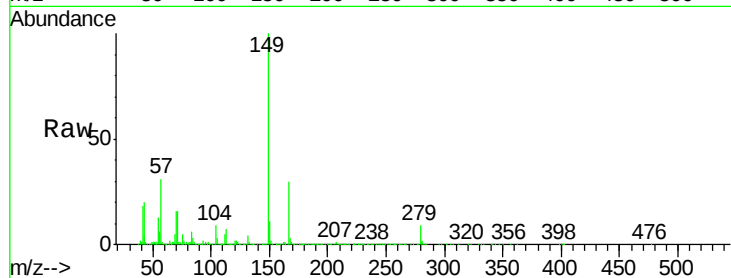




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 44.06 ng/ul
 RT: 21.16 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG017393.D
 Acq: 2 Jun 2015 13:56

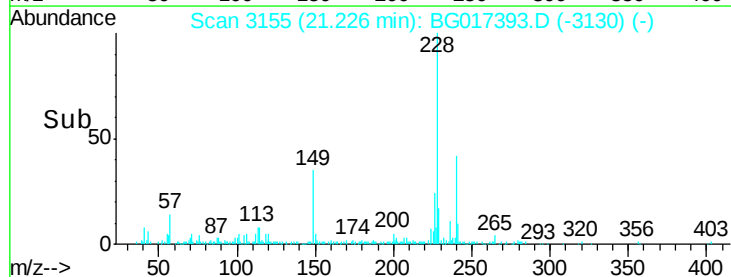
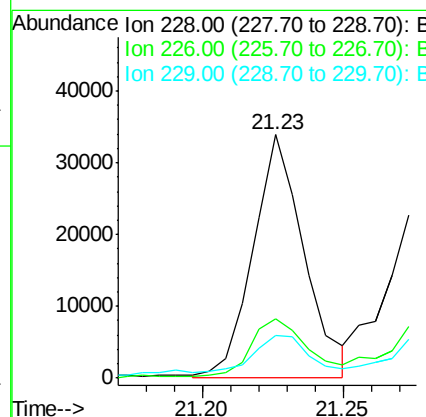
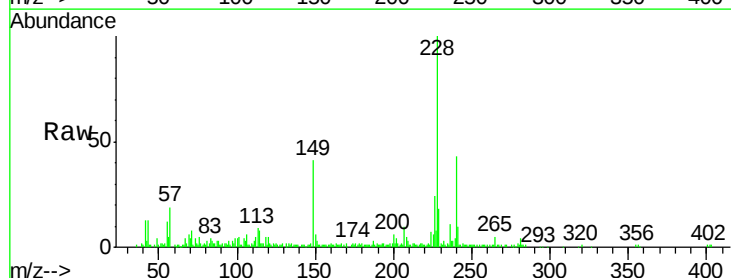
Instrument :
 BNA_G
 ClientSampleId :
 BCRE4

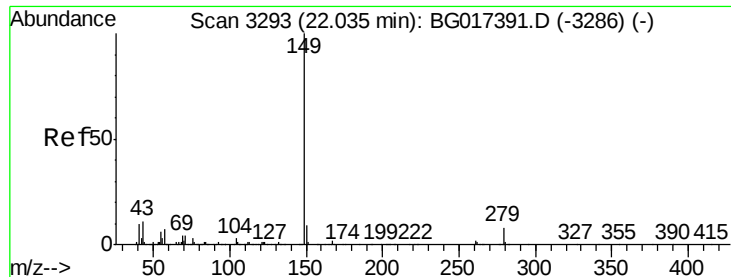
Tgt Ion:149 Resp: 269643
 Ion Ratio Lower Upper
 149 100
 167 29.5 25.1 37.7
 279 8.7 7.0 10.4



#82
 Chrysene
 Concen: 5.08 ng/ul
 RT: 21.23 min Scan# 3155
 Delta R.T. -0.05 min
 Lab File: BG017393.D
 Acq: 2 Jun 2015 13:56

Tgt Ion:228 Resp: 42346
 Ion Ratio Lower Upper
 228 100
 226 24.1 23.0 34.4
 229 17.6 15.7 23.5

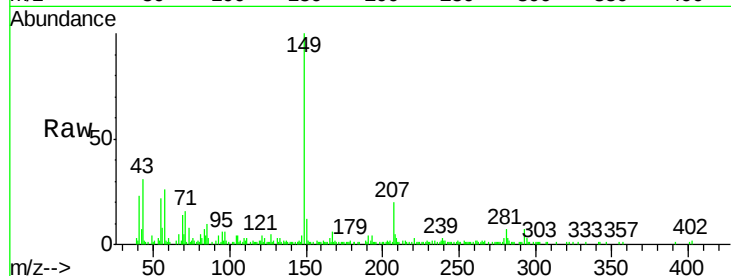




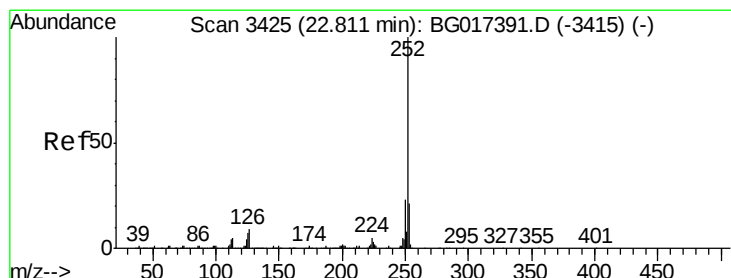
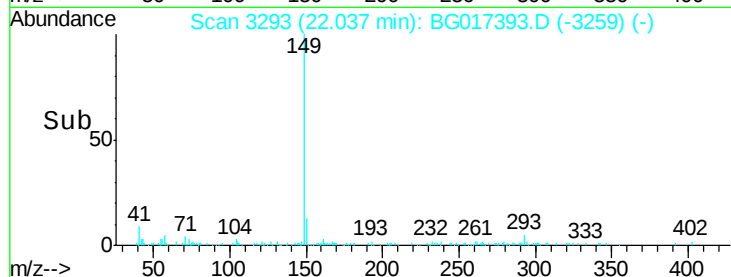
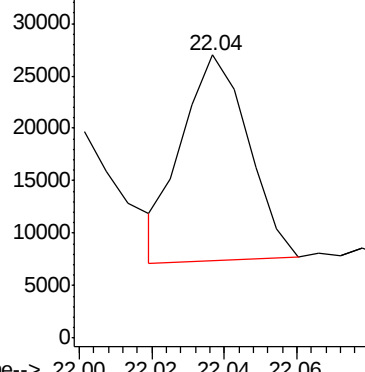
#84
Di-n-octyl phthalate
Concen: 2.41 ng/ul
RT: 22.04 min Scan# 3293
Delta R.T. 0.00 min
Lab File: BG017393.D
Acq: 2 Jun 2015 13:56

Instrument :
BNA_G
ClientSampleId :
BCRE4

Tgt Ion:149 Resp: 24938

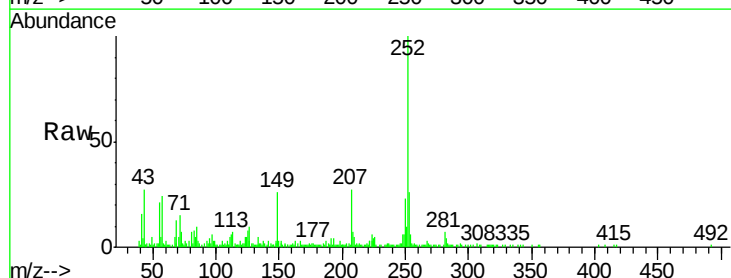


Abundance Ion 149.00 (148.70 to 149.70): E



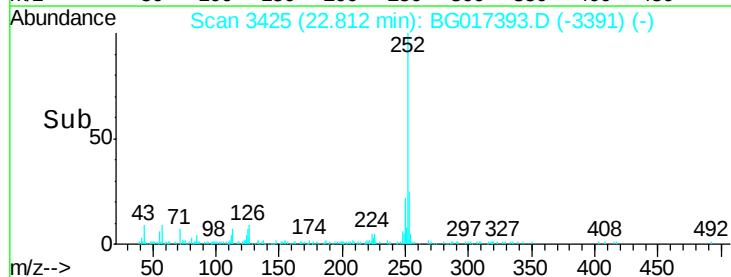
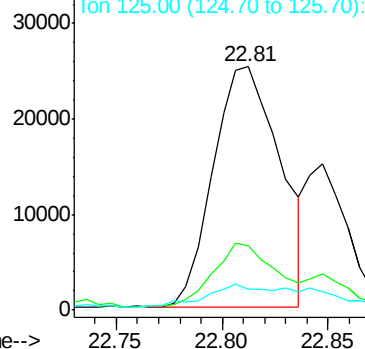
#85
Benzo(b)fluoranthene
Concen: 6.01 ng/ul
RT: 22.81 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BG017393.D
Acq: 2 Jun 2015 13:56

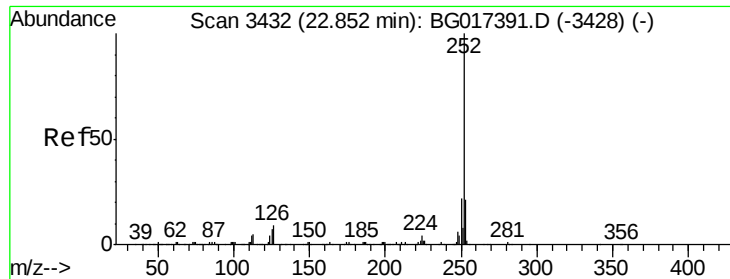
Tgt Ion:252 Resp: 55691
Ion Ratio Lower Upper
252 100
253 26.3 16.6 25.0#
125 8.4 5.4 8.0#



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

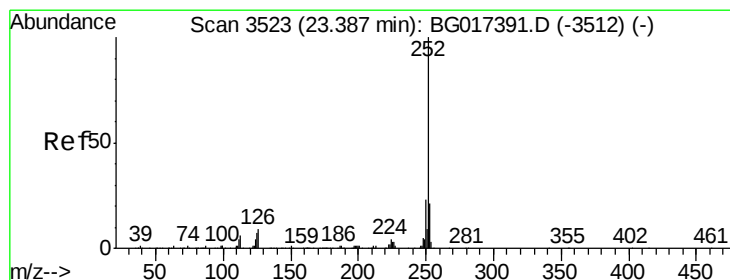
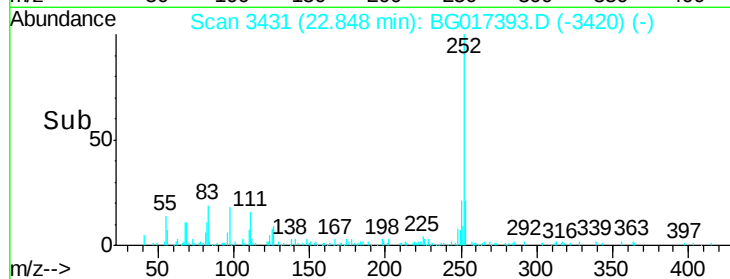
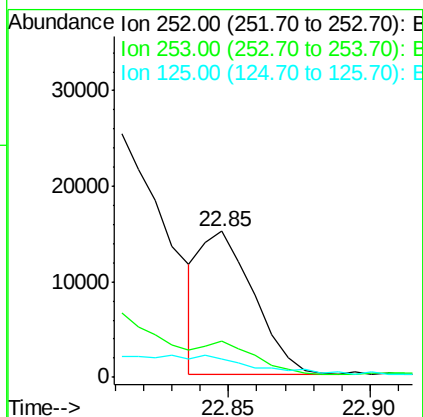
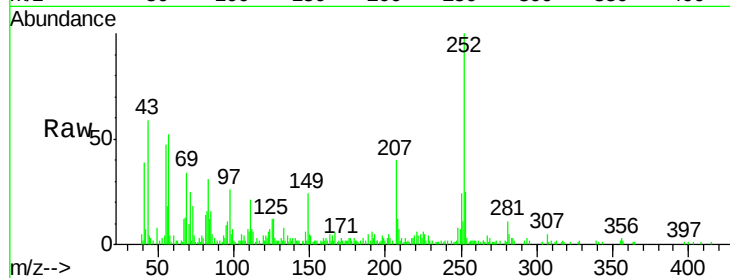




#86
Benzo(k)fluoranthene
Concen: 2.25 ng/ul
RT: 22.85 min Scan# 3431
Delta R.T. -0.00 min
Lab File: BG017393.D
Acq: 2 Jun 2015 13:56

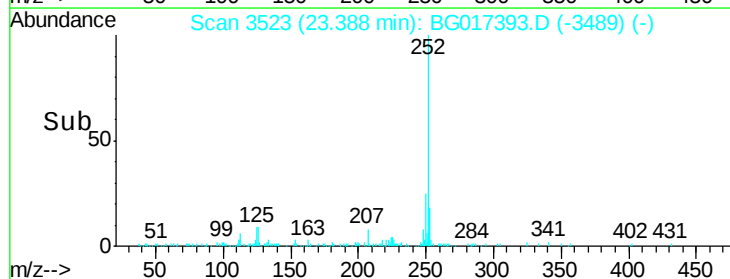
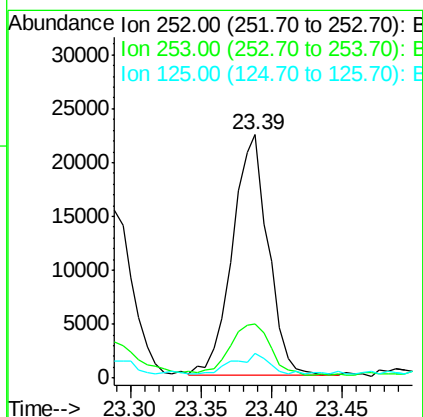
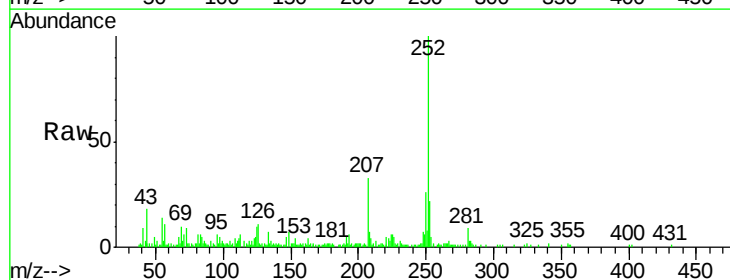
Instrument :
BNA_G
ClientSampleId :
BCRE4

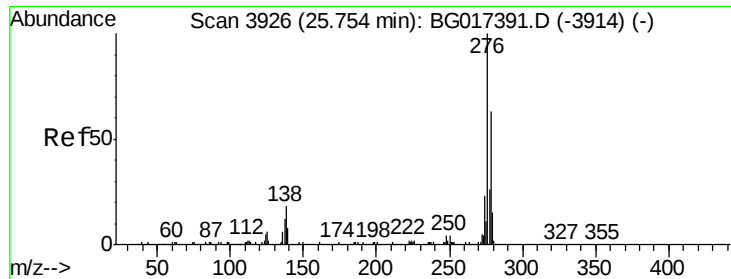
Tgt Ion:252 Resp: 19552
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 12.2 5.8 8.6#



#88
Benzo(a)pyrene
Concen: 4.49 ng/ul
RT: 23.39 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG017393.D
Acq: 2 Jun 2015 13:56

Tgt Ion:252 Resp: 39307
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 10.1 7.0 10.4





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.84 ng/ul

RT: 25.76 min Scan# 3927

Delta R.T. 0.01 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

Instrument :

BNA_G

ClientSampleId :

BCRE4

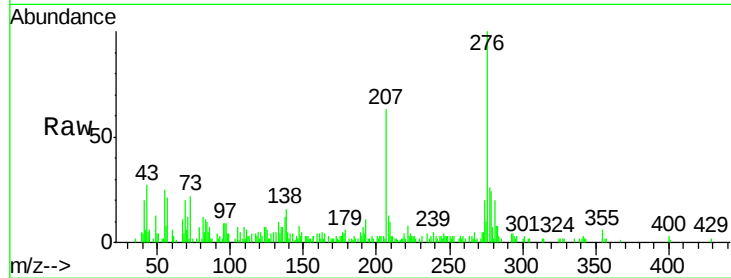
Tgt Ion:276 Resp: 28067

Ion Ratio Lower Upper

276 100

138 16.1 15.3 22.9

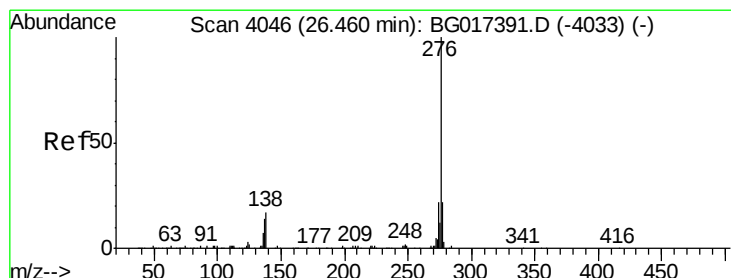
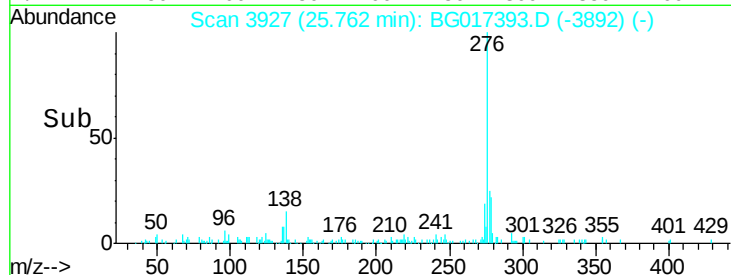
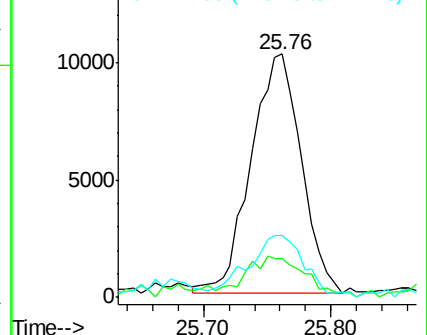
277 25.7 20.8 31.2



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



#91

Benzo(g,h,i)perylene

Concen: 3.10 ng/ul

RT: 26.46 min Scan# 4045

Delta R.T. -0.00 min

Lab File: BG017393.D

Acq: 2 Jun 2015 13:56

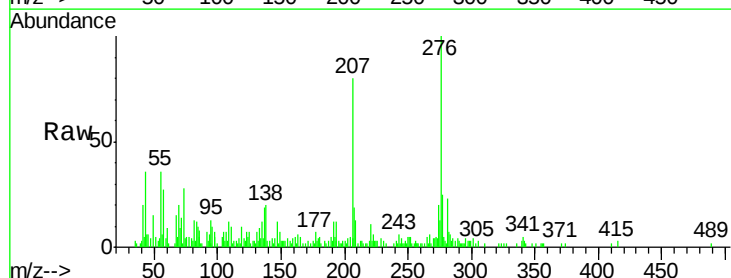
Tgt Ion:276 Resp: 25537

Ion Ratio Lower Upper

276 100

138 20.1 15.1 22.7

277 24.7 19.1 28.7



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

