

Data Path : Z:\HPCHEM1\BNA_G\Data\BG060115\
 Data File : BG017386.D
 Acq On : 2 Jun 2015 1:57
 Operator : TP/IZ
 Sample : G2430-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE0

Quant Time: Jun 02 04:16:59 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 03:15:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	125755	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	84807	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	182124	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	174379	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	171159	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2304	4.12	ng/uL	0.00
5) Phenol-d5	6.84	99	41597	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	25303	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	35810	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	34070	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	18297	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	20975	18.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	36366	17.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	23739	10.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	107759	17.82	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	142473	18.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	823	0.71	ng/ul	0.05
57) Fluorene-d10	15.30	176	104422	17.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16762	13.15	ng/ul	0.00
70) Anthracene-d10	17.15	188	146367	17.15	ng/ul	0.00
76) Pyrene-d10	19.45	212	160263	18.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	133980	17.53	ng/ul	0.00

Target Compounds

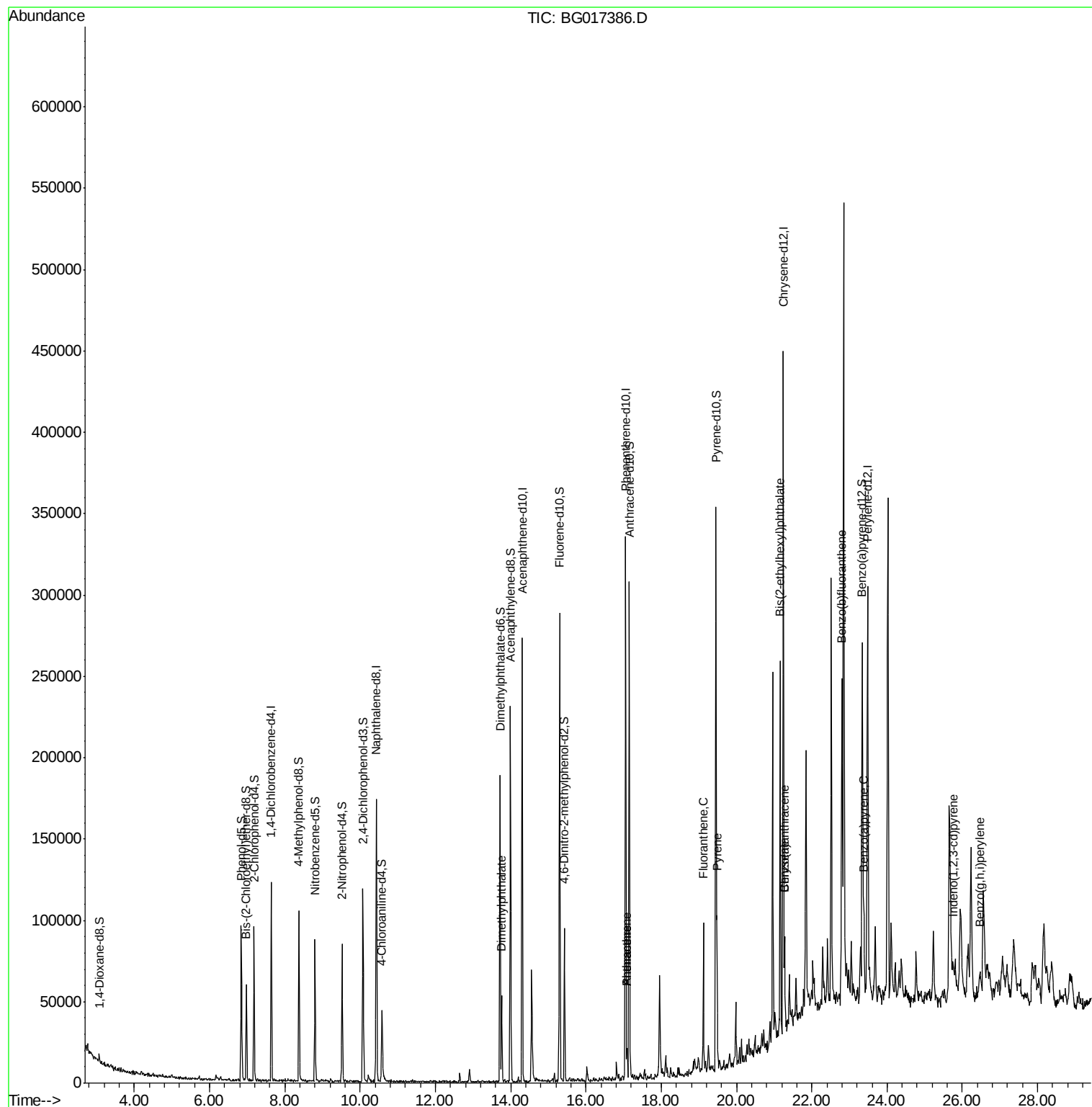
						Qvalue
44) Dimethylphthalate	13.77	163	28377	4.23	ng/ul	96
69) Phenanthrene	17.10	178	15204	1.57	ng/ul	99
71) Anthracene	17.10	178	15204	1.52	ng/ul	97
74) Fluoranthene	19.12	202	49534	4.24	ng/ul	99
77) Pyrene	19.48	202	50284	4.61	ng/ul	99
80) Benzo(a)anthracene	21.28	228	26277	2.53	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	74006	10.49	ng/ul	99
82) Chrysene	21.28	228	27313	2.84	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	36700	3.56	ng/ul#	87
88) Benzo(a)pyrene	23.38	252	25289	2.59	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.75	276	16633	1.51	ng/ul#	87
91) Benzo(g,h,i)perylene	26.46	276	18095	1.97	ng/ul	96

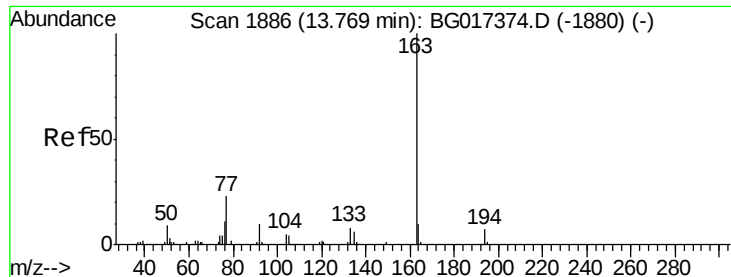
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:15:26 2015
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 4.23 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

Instrument :

BNA_G

ClientSampled :

BCRE0

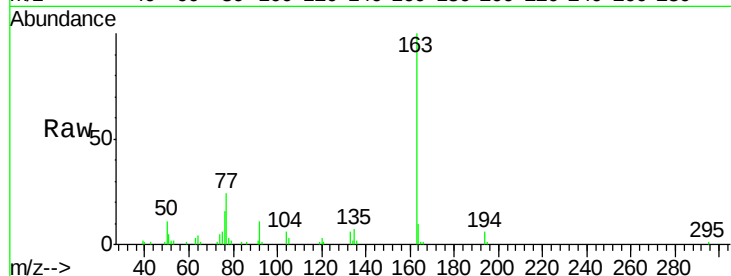
Tgt Ion:163 Resp: 28377

Ion Ratio Lower Upper

163 100

194 5.9 5.2 7.8

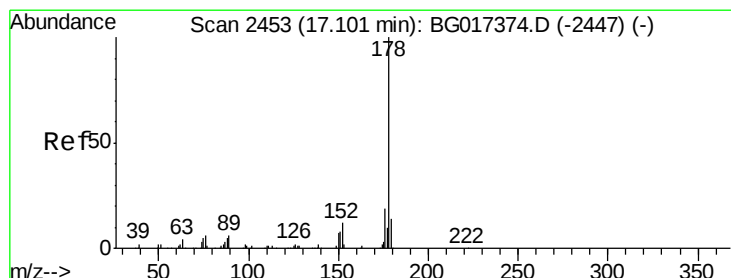
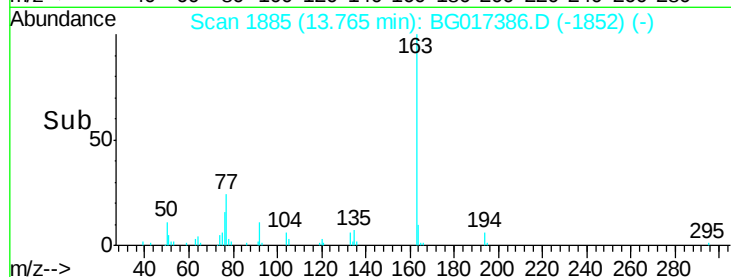
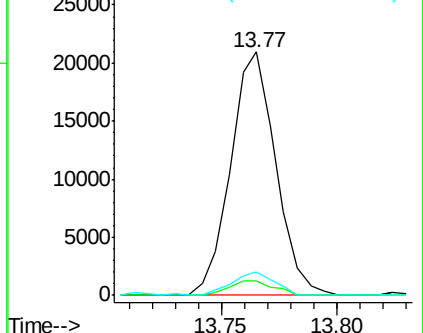
164 9.6 9.2 13.8



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



#69

Phenanthrene

Concen: 1.57 ng/ul

RT: 17.10 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

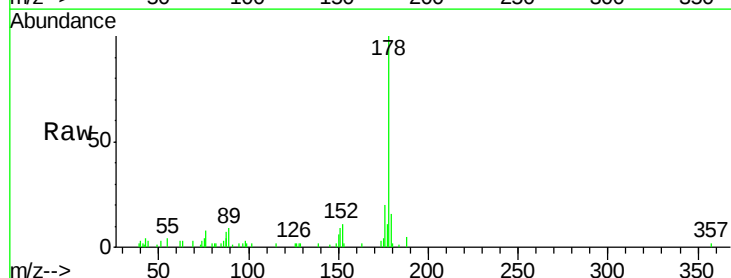
Tgt Ion:178 Resp: 15204

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

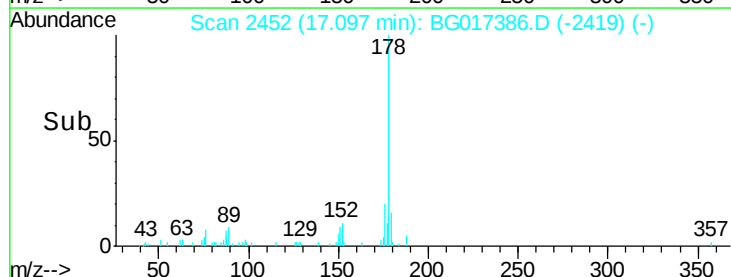
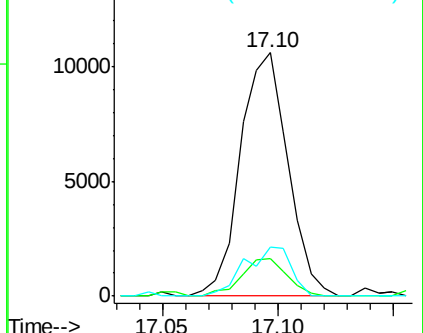
176 20.3 15.5 23.3

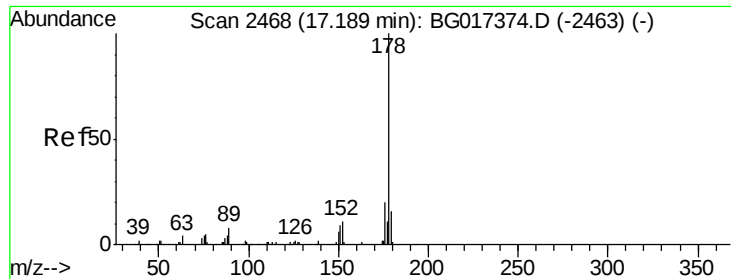


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

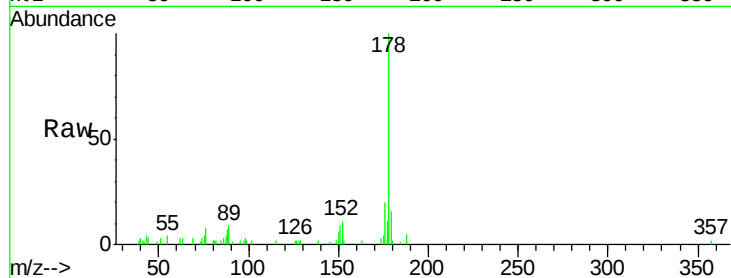




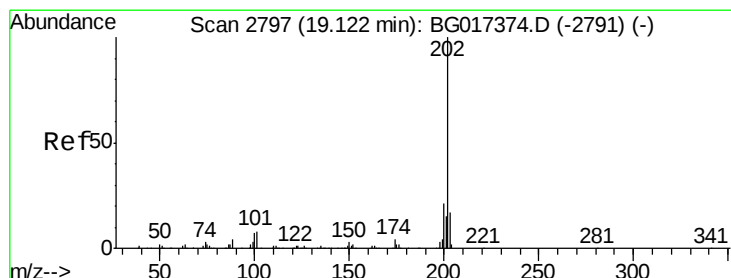
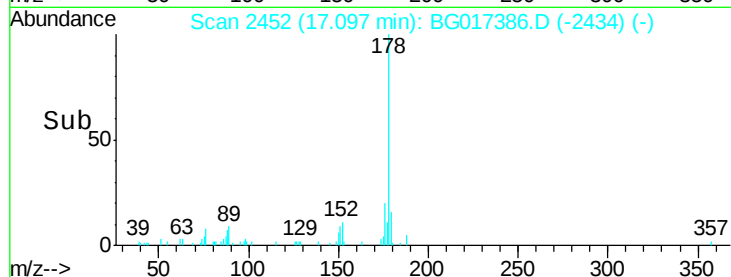
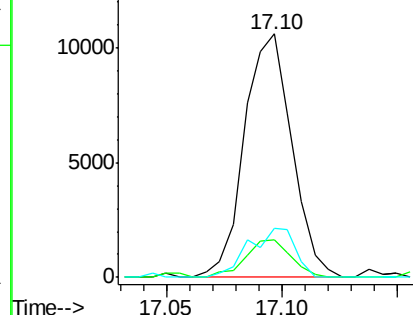
#71
 Anthracene
 Concen: 1.52 ng/ul
 RT: 17.10 min Scan# 2452
 Delta R.T. -0.09 min
 Lab File: BG017386.D
 Acq: 2 Jun 2015 1:57

Instrument :
 BNA_G
 ClientSampleId :
 BCRE0

Tgt Ion:178 Resp: 15204
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.1 18.1
 176 20.3 14.4 21.6

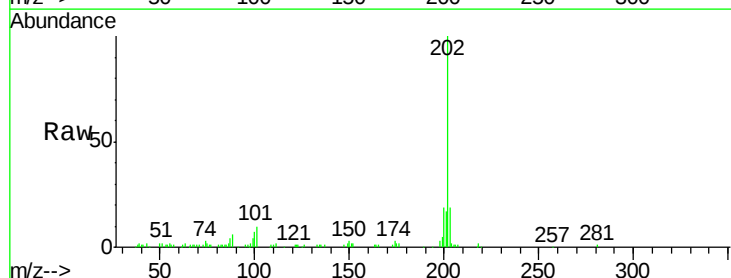


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

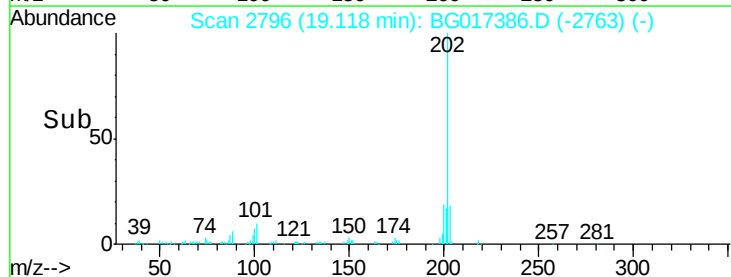
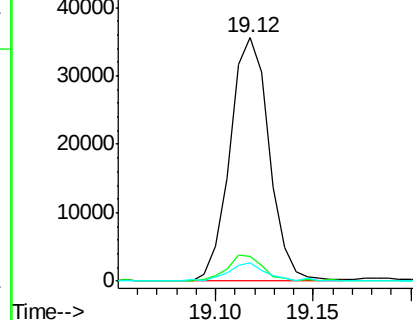


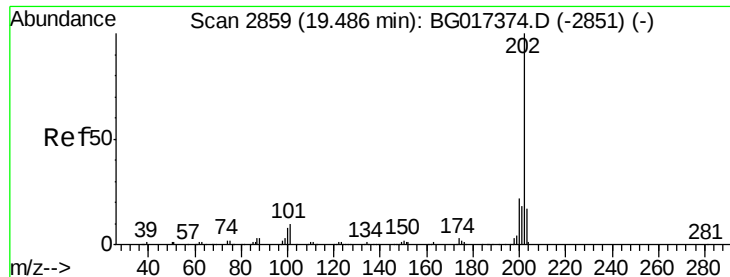
#74
 Fluoranthene
 Concen: 4.24 ng/ul
 RT: 19.12 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BG017386.D
 Acq: 2 Jun 2015 1:57

Tgt Ion:202 Resp: 49534
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 100 7.3 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): B





#77

Pyrene

Concen: 4.61 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

Instrument :

BNA_G

ClientSampled :

BCRE0

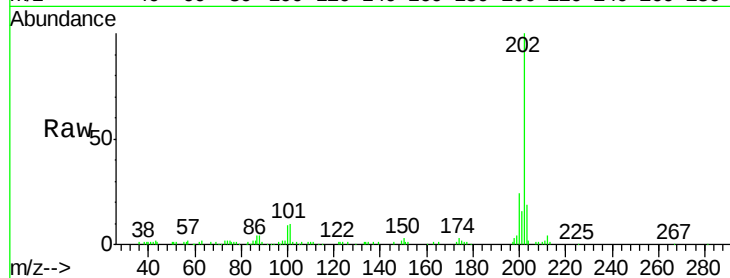
Tgt Ion:202 Resp: 50284

Ion Ratio Lower Upper

202 100

101 10.4 8.6 12.8

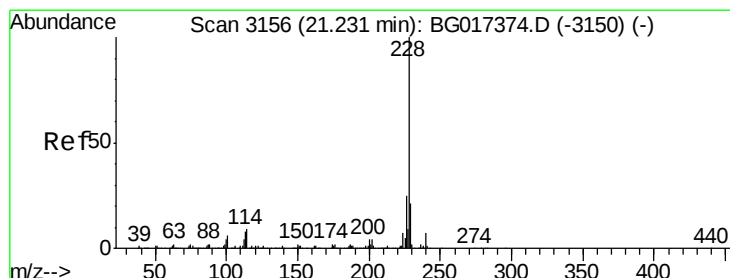
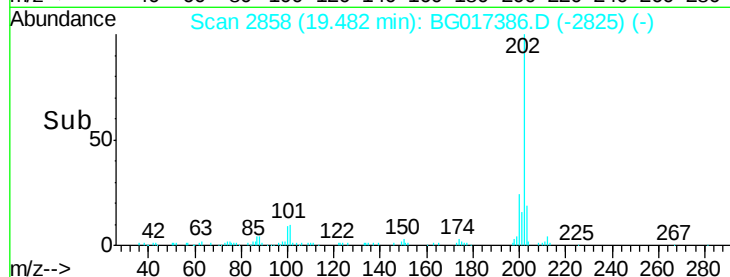
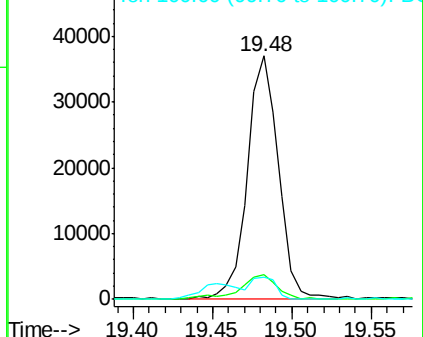
100 9.4 7.4 11.2



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



#80

Benzo(a)anthracene

Concen: 2.53 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. 0.05 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

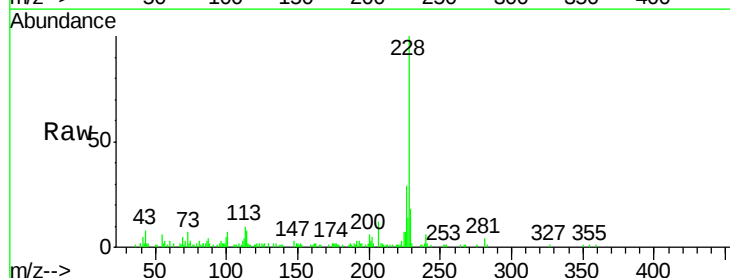
Tgt Ion:228 Resp: 26277

Ion Ratio Lower Upper

228 100

229 18.3 16.2 24.4

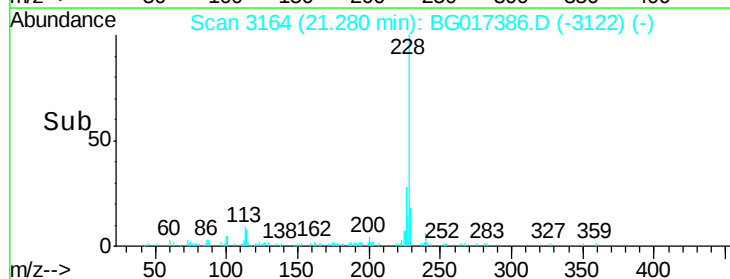
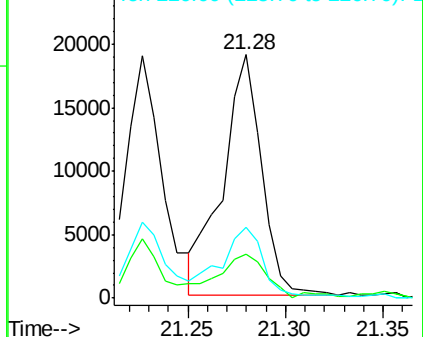
226 28.9 22.2 33.2

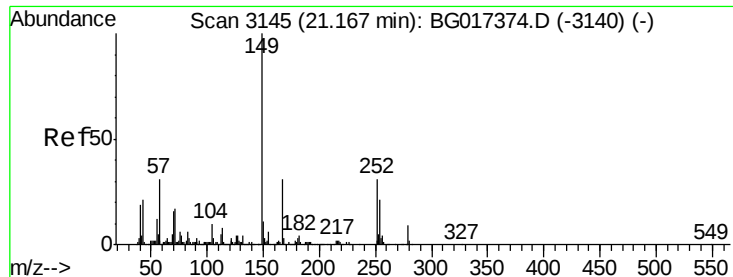


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

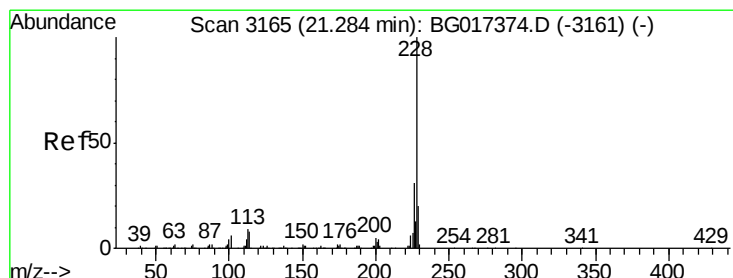
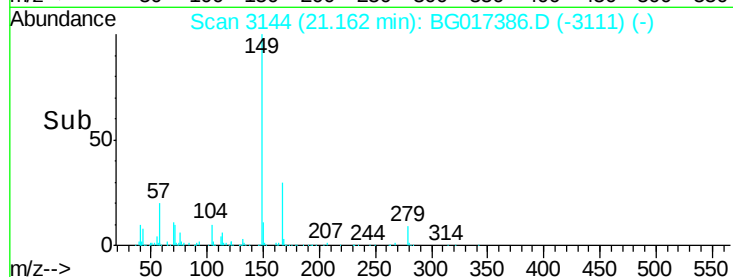
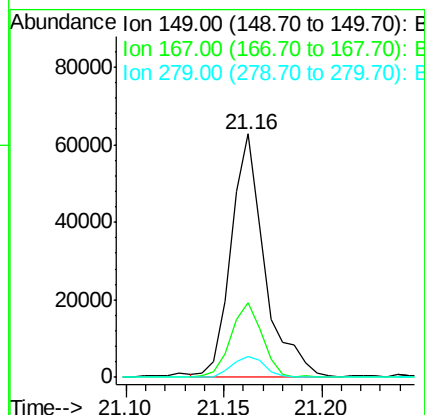
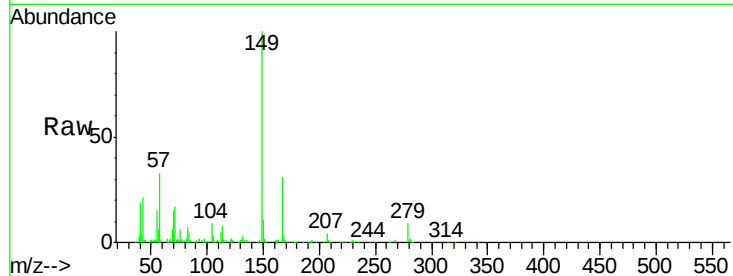




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.49 ng/ul
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017386.D
 Acq: 2 Jun 2015 1:57

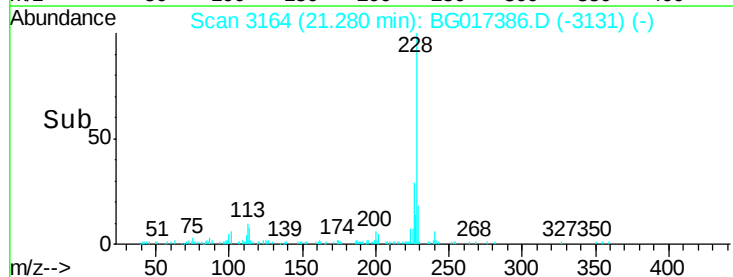
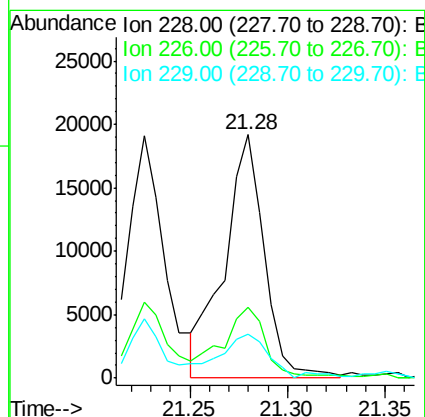
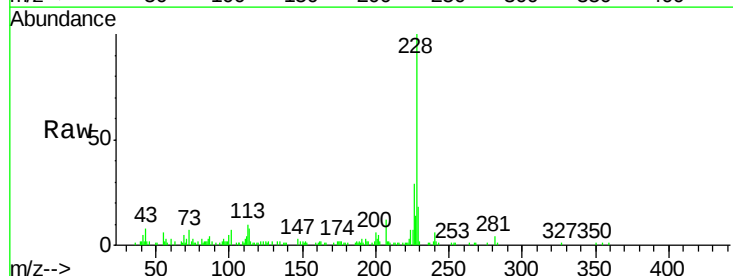
Instrument :
 BNA_G
 ClientSampleId :
 BCRE0

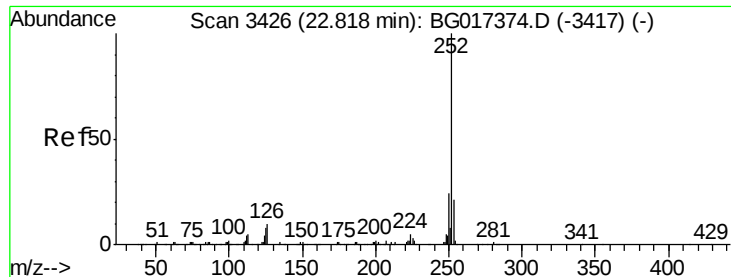
Tgt Ion:149 Resp: 74006
 Ion Ratio Lower Upper
 149 100
 167 30.7 25.1 37.7
 279 8.6 7.0 10.4



#82
 Chrysene
 Concen: 2.84 ng/ul
 RT: 21.28 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BG017386.D
 Acq: 2 Jun 2015 1:57

Tgt Ion:228 Resp: 27313
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.0 34.4
 229 18.3 15.7 23.5





#85

Benzo(b)fluoranthene

Concen: 3.56 ng/ul

RT: 22.81 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

Instrument :

BNA_G

ClientSampleId :

BCRE0

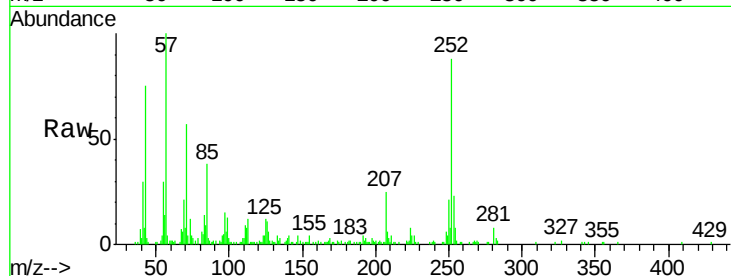
Tgt Ion:252 Resp: 36700

Ion Ratio Lower Upper

252 100

253 25.6 16.6 25.0#

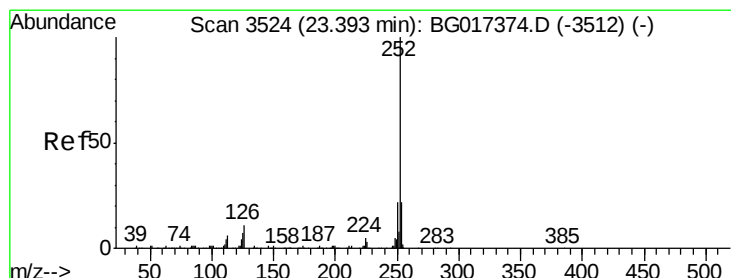
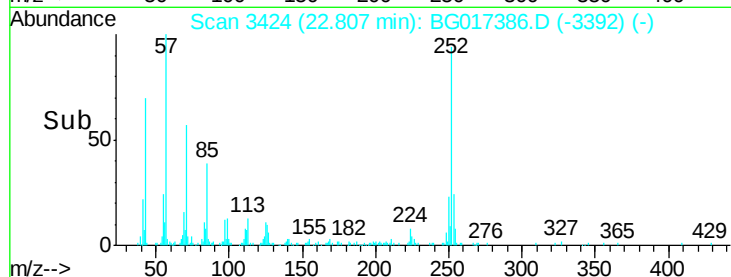
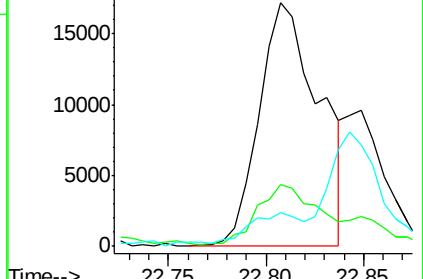
125 13.9 5.4 8.0#



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



#88

Benzo(a)pyrene

Concen: 2.59 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

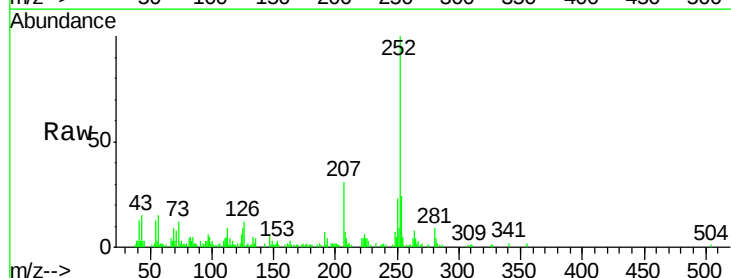
Tgt Ion:252 Resp: 25289

Ion Ratio Lower Upper

252 100

253 23.6 16.9 25.3

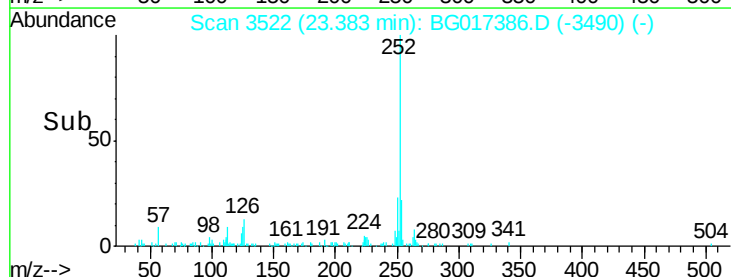
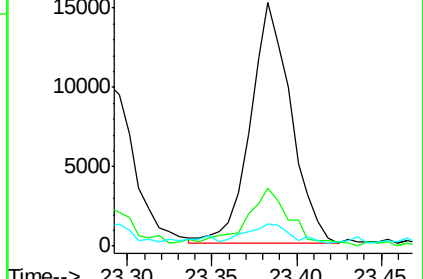
125 9.0 7.0 10.4

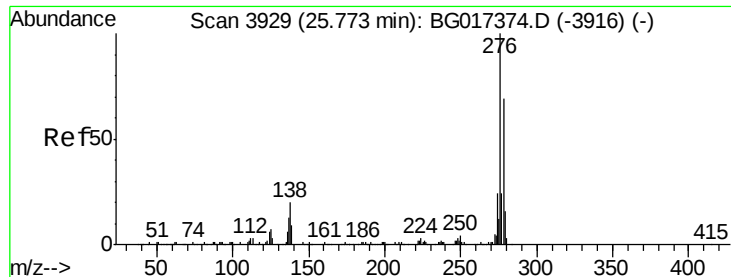


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.51 ng/ul

RT: 25.75 min Scan# 3925

Delta R.T. -0.02 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

Instrument :

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ClientSampleId :

BCRE0

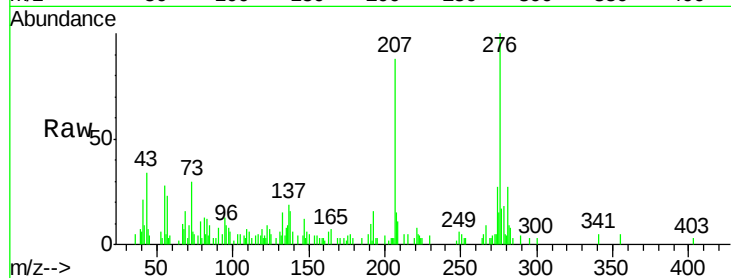
Tgt Ion:276 Resp: 16633

Ion Ratio Lower Upper

276 100

138 15.6 15.3 22.9

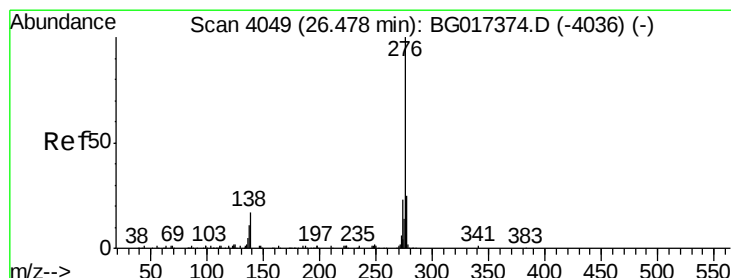
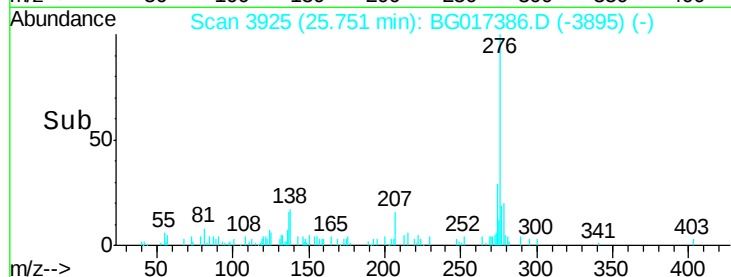
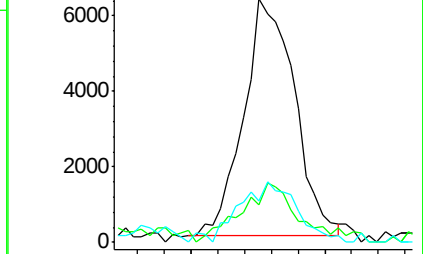
277 17.2 20.8 31.2#



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: 1.97 ng/ul

RT: 26.46 min Scan# 4046

Delta R.T. -0.02 min

Lab File: BG017386.D

Acq: 2 Jun 2015 1:57

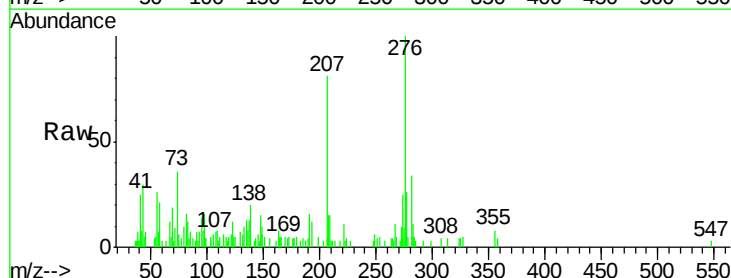
Tgt Ion:276 Resp: 18095

Ion Ratio Lower Upper

276 100

138 20.3 15.1 22.7

277 26.4 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

