

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060215\
 Data File : BG017397.D
 Acq On : 2 Jun 2015 16:28
 Operator : TP/IZ
 Sample : G2430-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE8

Quant Time: Jun 03 03:47:22 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	7.63	152	26137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	117195	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	71497	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	145217	20.00	ng/ul	0.00
75) Chrysene-d12	21.24	240	154458	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	150343	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	2003	3.64	ng/uL	0.01
5) Phenol-d5	6.84	99	51747	23.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	31085	23.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	46278	25.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	42304	22.41	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	22684	24.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	27543	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	45649	24.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	41598	19.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	129675	25.44	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	173064	26.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	22716	23.36	ng/ul	0.00
57) Fluorene-d10	15.30	176	125547	25.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	21653	21.30	ng/ul	0.00
70) Anthracene-d10	17.15	188	177842	26.14	ng/ul	0.00
76) Pyrene-d10	19.45	212	193190	25.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	172337	25.67	ng/ul	0.00

Target Compounds

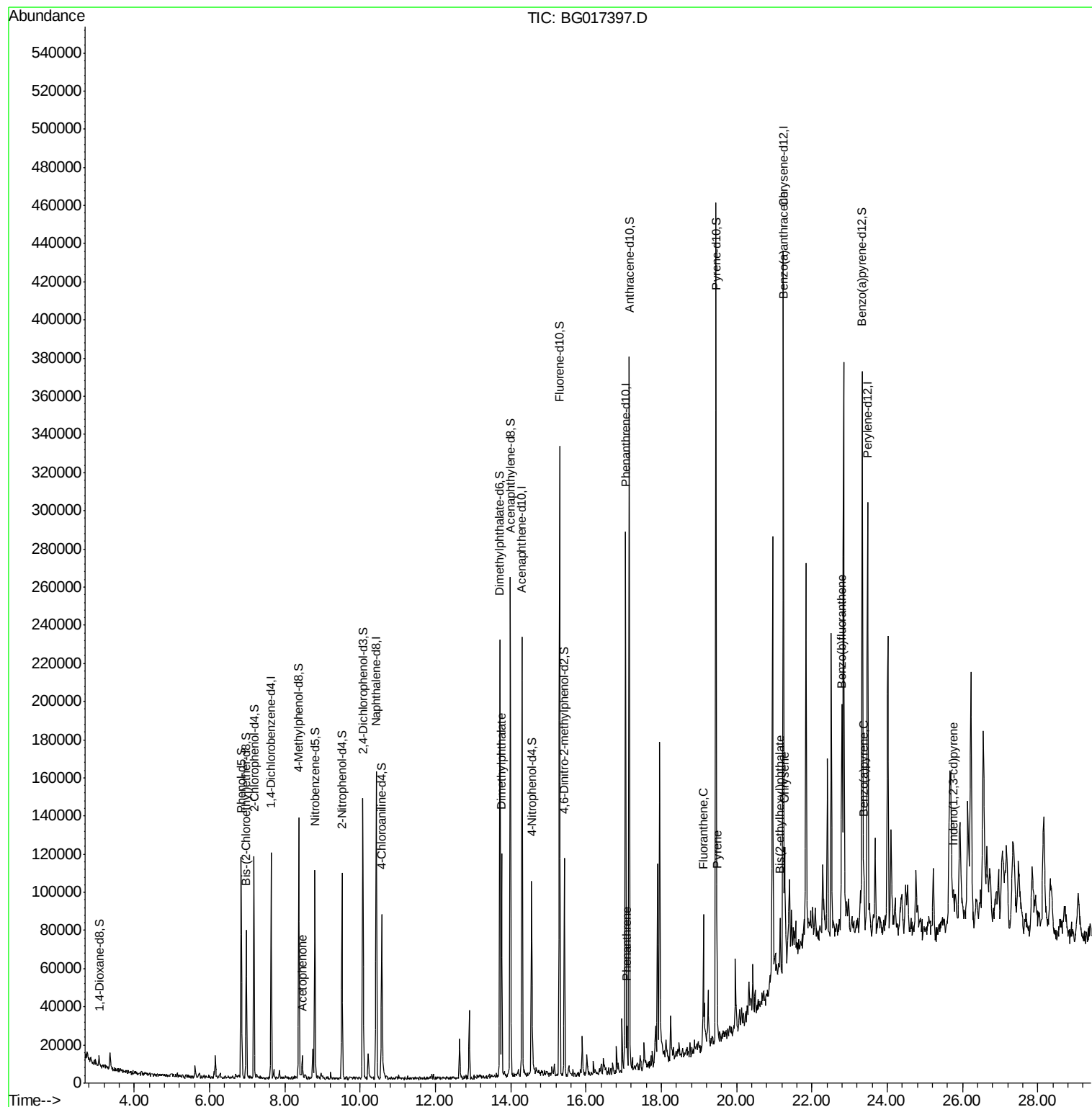
						Qvalue
14) Acetophenone	8.46	105	5201	1.75	ng/ul	88
44) Dimethylphthalate	13.76	163	61424	10.85	ng/ul#	96
69) Phenanthrene	17.09	178	11305	1.46	ng/ul#	89
74) Fluoranthene	19.11	202	34277	3.68	ng/ul	98
77) Pyrene	19.48	202	32038	3.31	ng/ul	97
80) Benzo(a)anthracene	21.23	228	19162	2.09	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	8227	1.32	ng/ul#	96
82) Chrysene	21.28	228	18772	2.21	ng/ul	97
85) Benzo(b)fluoranthene	22.80	252	31068	3.43	ng/ul#	85
88) Benzo(a)pyrene	23.38	252	19075	2.23	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.75	276	14609	1.51	ng/ul	95

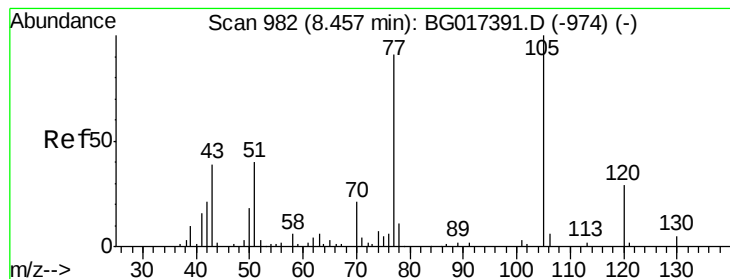
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.75 ng/ul

RT: 8.46 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

Instrument :

BNA_G

ClientSampleId :

BCRE8

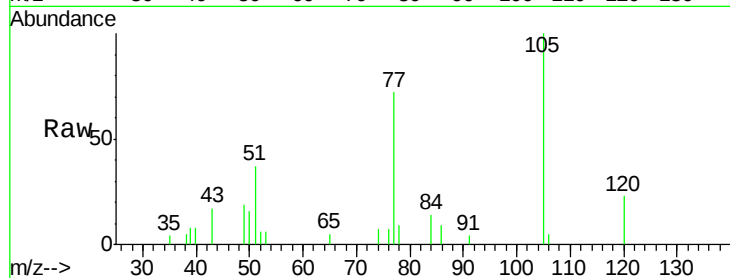
Tgt Ion:105 Resp: 5201

Ion Ratio Lower Upper

105 100

77 71.9 69.4 104.0

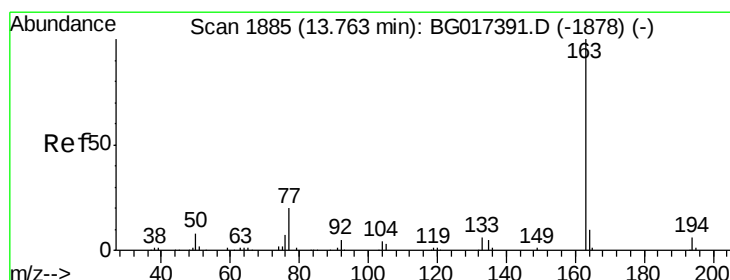
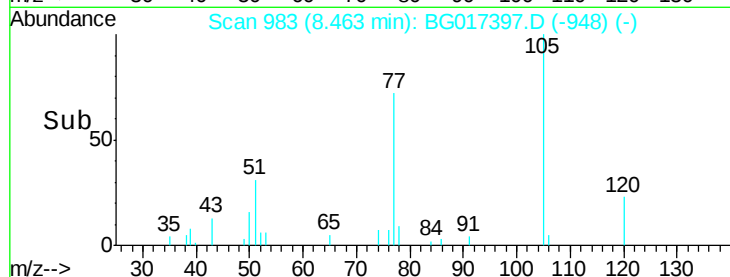
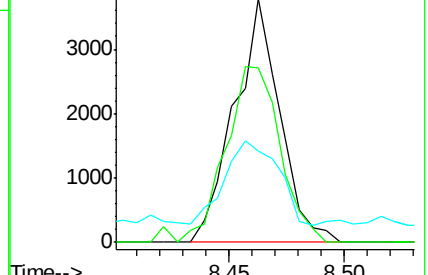
51 37.4 29.0 43.4



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



#44

Dimethylphthalate

Concen: 10.85 ng/ul

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

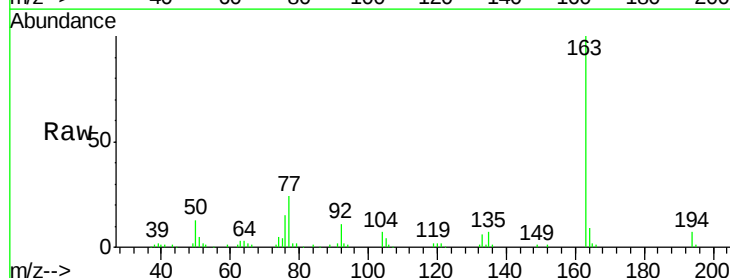
Tgt Ion:163 Resp: 61424

Ion Ratio Lower Upper

163 100

194 6.8 5.2 7.8

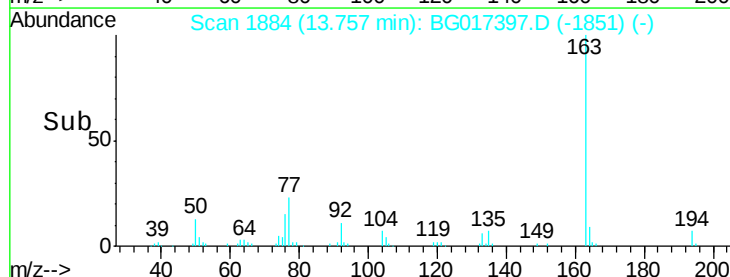
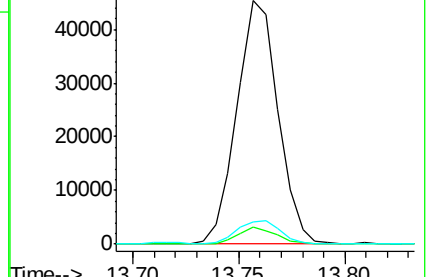
164 9.2 9.2 13.8#

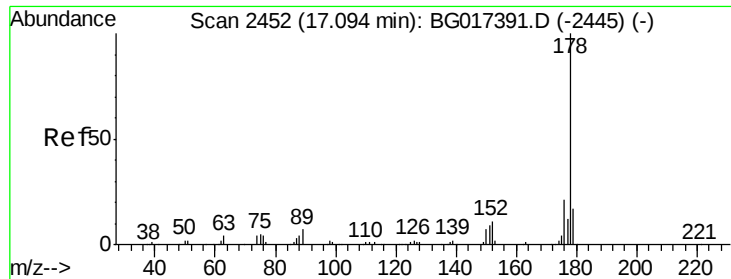


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.46 ng/ul

RT: 17.09 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

Instrument :

BNA_G

ClientSampleId :

BCRE8

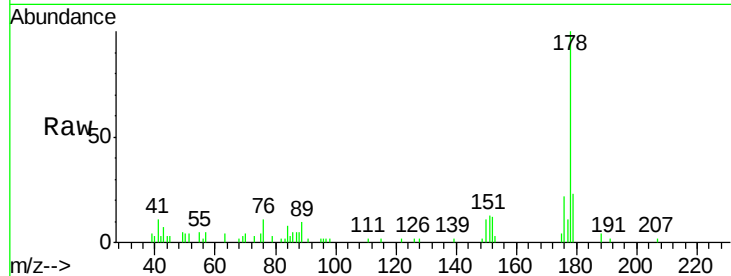
Tgt Ion:178 Resp: 11305

Ion Ratio Lower Upper

178 100

179 23.3 12.4 18.6#

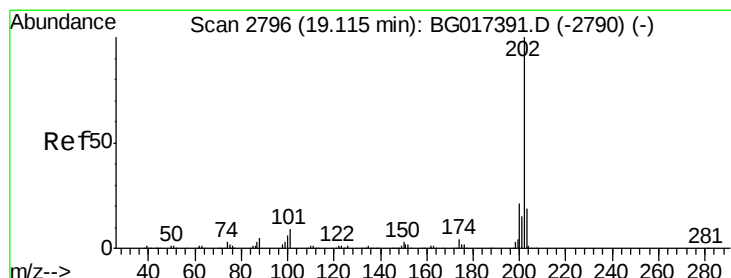
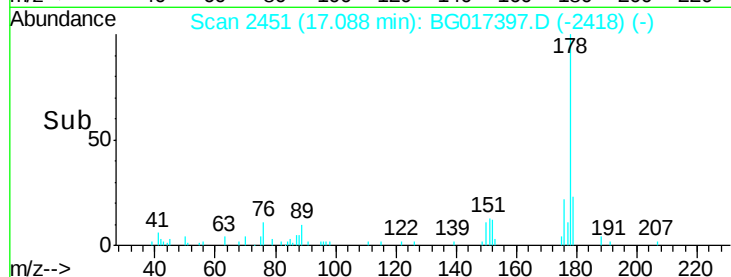
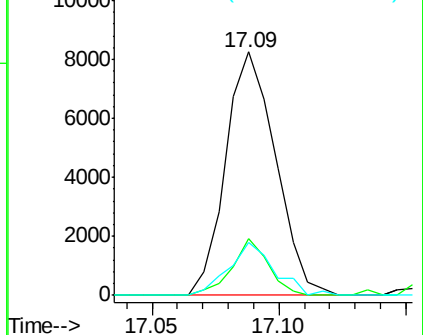
176 21.7 15.5 23.3



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: 3.68 ng/ul

RT: 19.11 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

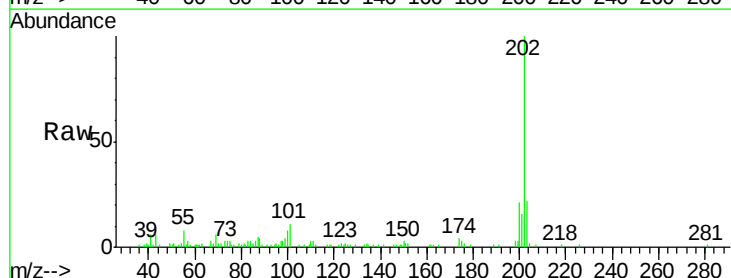
Tgt Ion:202 Resp: 34277

Ion Ratio Lower Upper

202 100

101 11.2 7.8 11.8

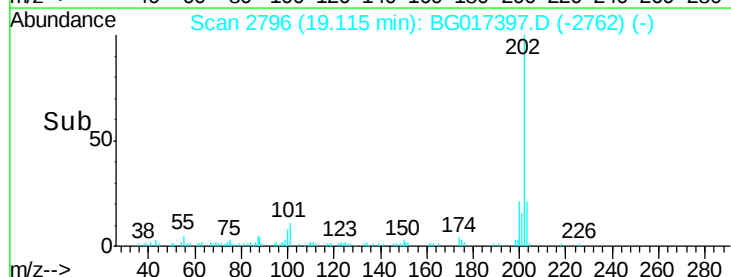
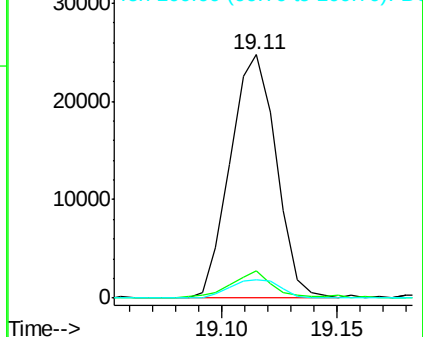
100 7.5 5.8 8.8

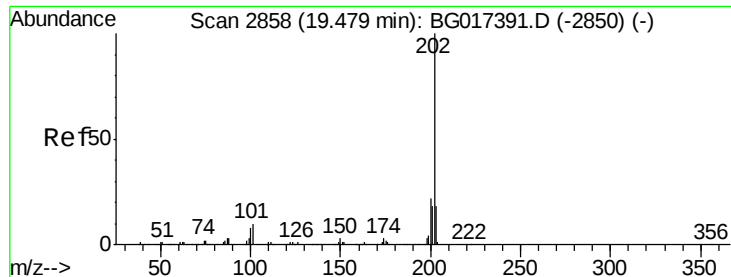


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.31 ng/ul

RT: 19.48 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

Instrument :

BNA_G

ClientSampleId :

BCRE8

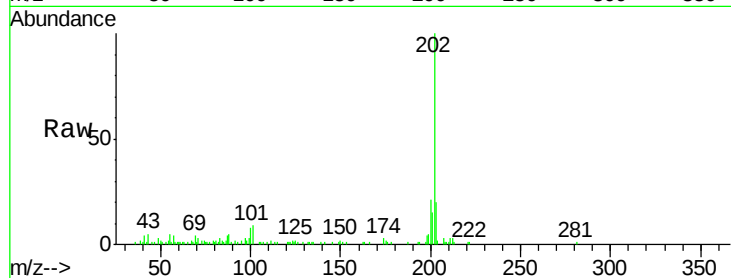
Tgt Ion:202 Resp: 32038

Ion Ratio Lower Upper

202 100

101 9.4 8.6 12.8

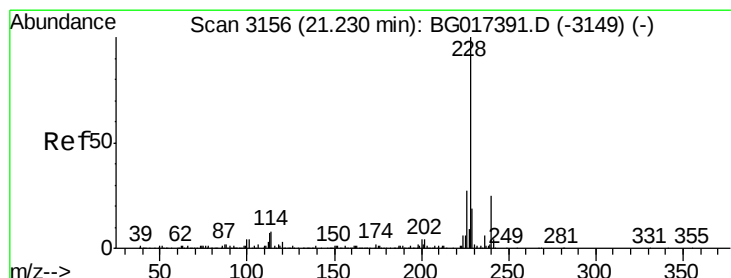
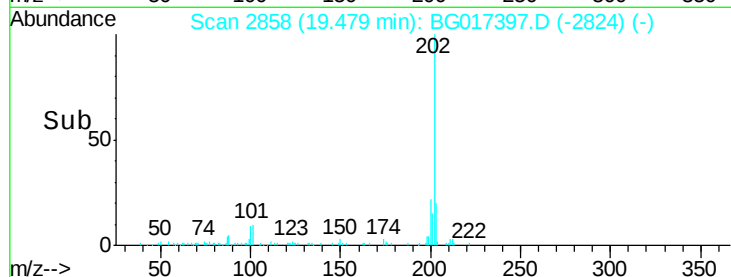
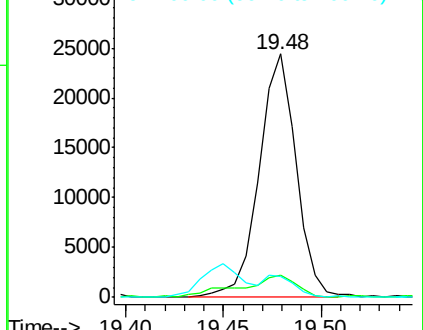
100 8.4 7.4 11.2



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): B



#80

Benzo(a)anthracene

Concen: 2.09 ng/ul

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

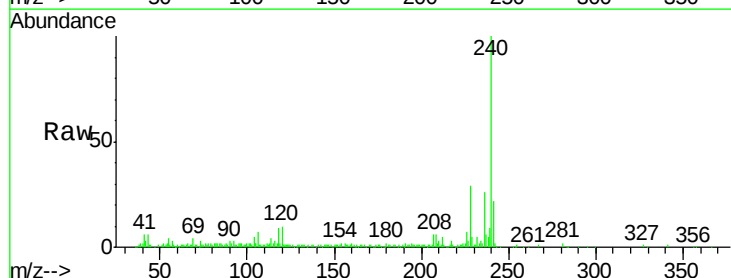
Tgt Ion:228 Resp: 19162

Ion Ratio Lower Upper

228 100

229 18.8 16.2 24.4

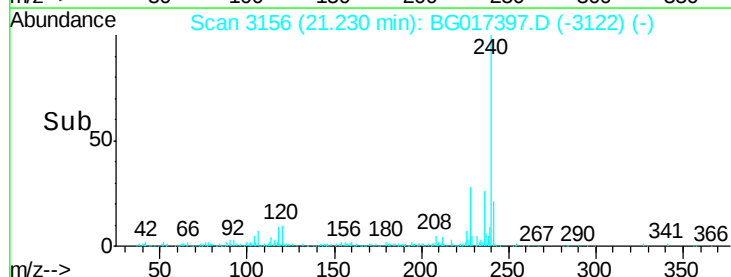
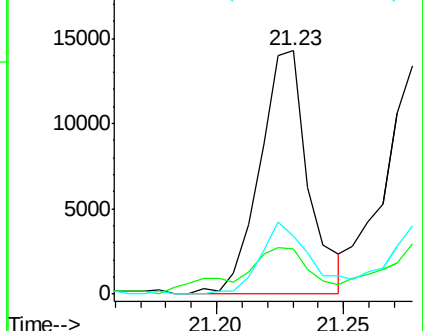
226 24.1 22.2 33.2

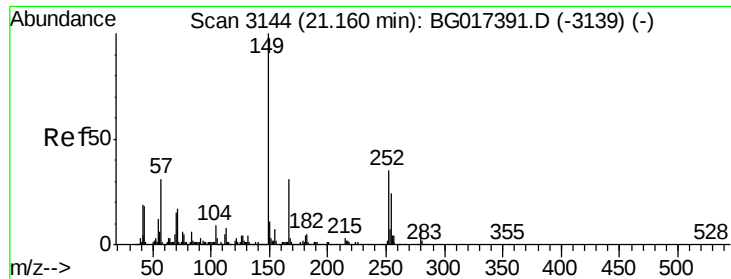


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.32 ng/ul

RT: 21.16 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

Instrument :

BNA_G

ClientSampleId :

BCRE8

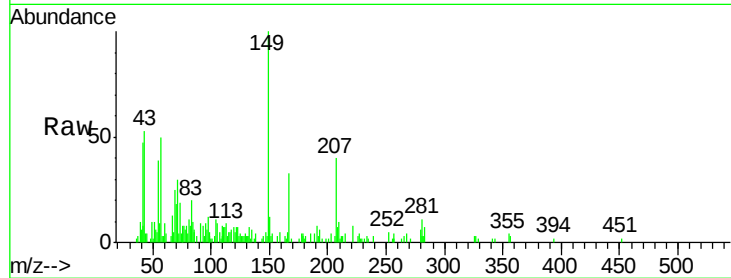
Tgt Ion:149 Resp: 8227

Ion Ratio Lower Upper

149 100

167 33.2 25.1 37.7

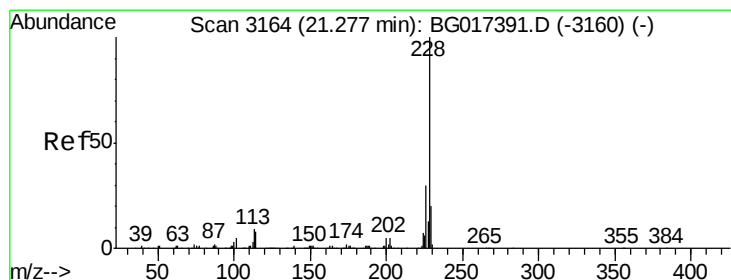
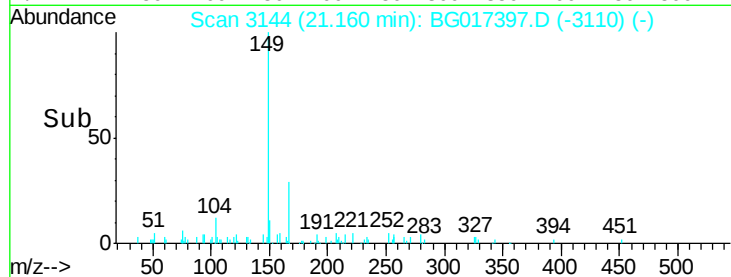
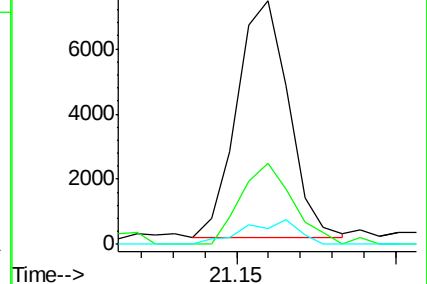
279 6.4 7.0 10.4#



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: 2.21 ng/ul

RT: 21.28 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

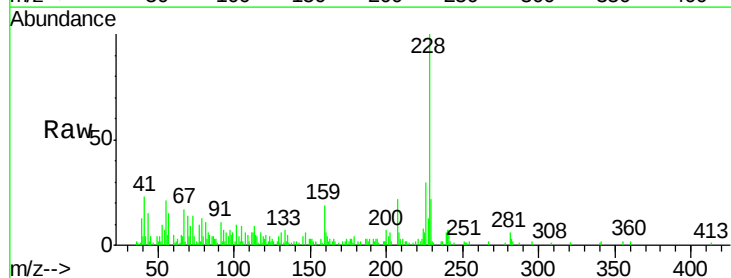
Tgt Ion:228 Resp: 18772

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.4

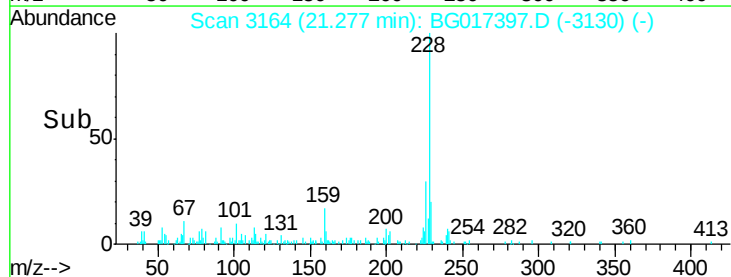
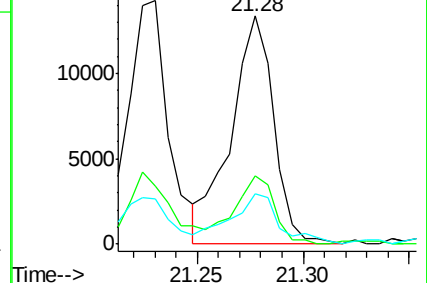
229 21.9 15.7 23.5

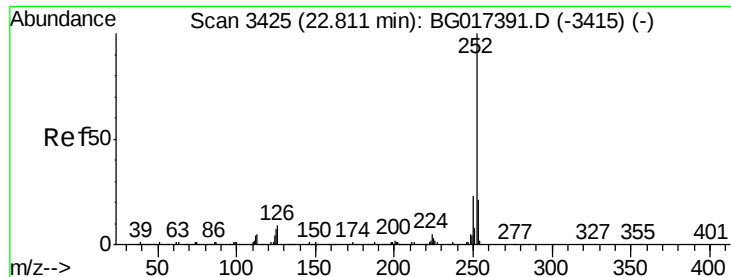


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.43 ng/ul

RT: 22.80 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

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BCRE8

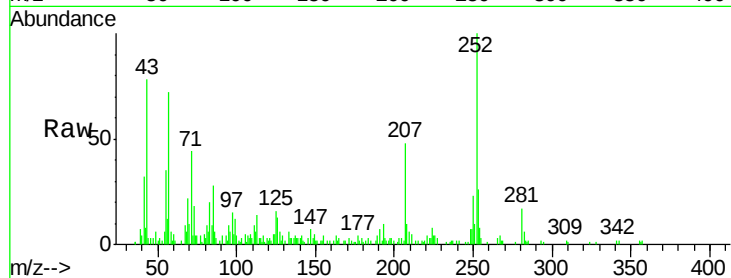
Tgt Ion:252 Resp: 31068

Ion Ratio Lower Upper

252 100

253 26.3 16.6 25.0#

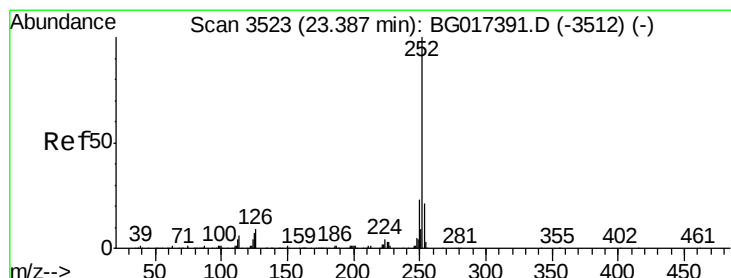
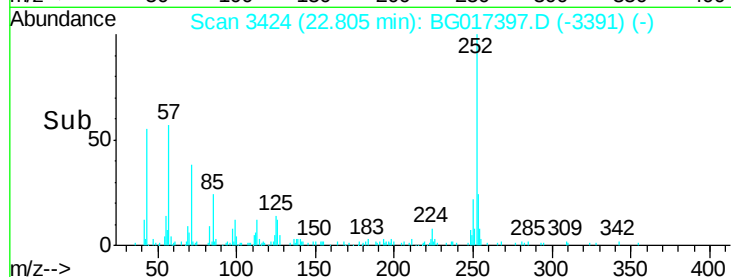
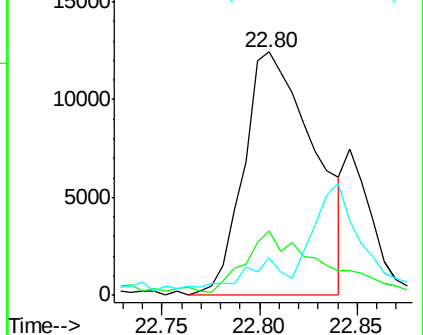
125 15.6 5.4 8.0#



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: 2.23 ng/ul

RT: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG017397.D

Acq: 2 Jun 2015 16:28

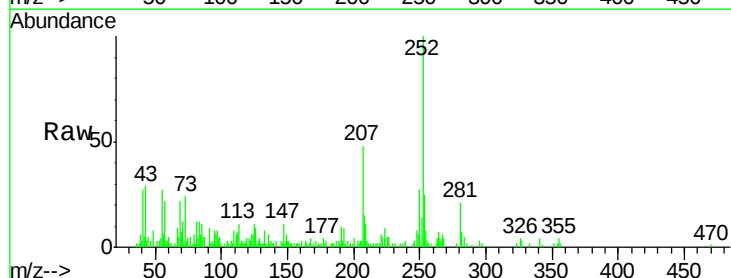
Tgt Ion:252 Resp: 19075

Ion Ratio Lower Upper

252 100

253 25.3 16.9 25.3#

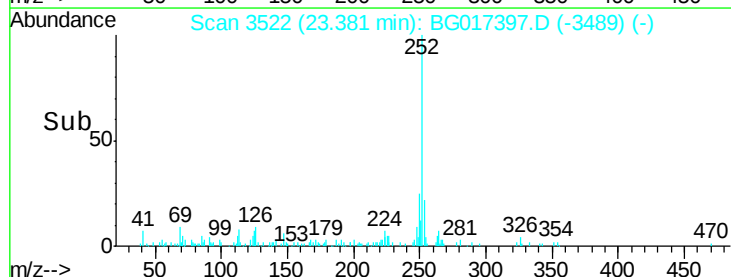
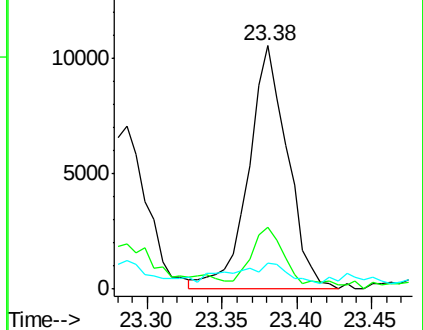
125 10.8 7.0 10.4#

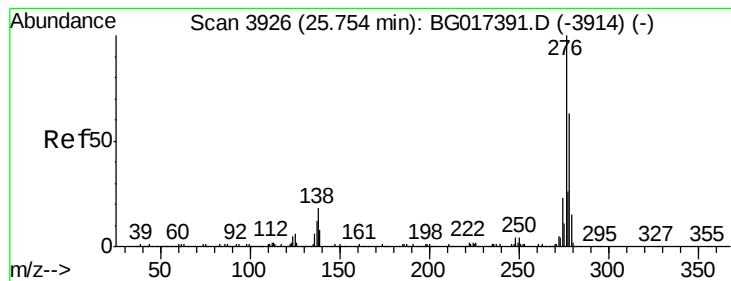


Abundance Ion 252.00 (251.70 to 252.70): E

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# 3926

Delta R.T. -0.00 min

Lab File: BG017397.D

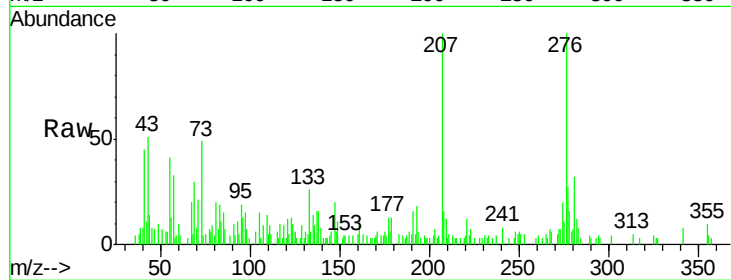
Acq: 2 Jun 2015 16:28

Instrument :

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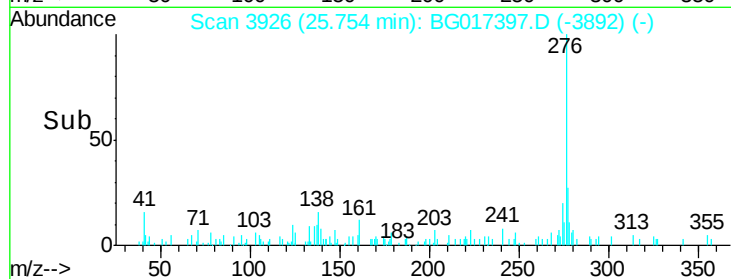
Tgt Ion: 276 Resp: 14609

Ion Ratio Lower Upper

276 100

138 15.9 15.3 22.9

277 27.5 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

