

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103017\
 Data File : BG030598.D
 Acq On : 31 Oct 2017 3:31
 Operator : SJ/JU
 Sample : I5842-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 07:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	78808	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	387342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	234710	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	505695	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	532007	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	533058	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8238	4.25	ng/uL	0.00
5) Phenol-d5	7.32	99	204885	27.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	113057	23.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	161818	30.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	166105	27.19	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	84873	30.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	103724	36.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	189700	29.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	69752	9.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	547582	27.29	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	701240	28.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	85333	23.04	ng/ul	0.00
57) Fluorene-d10	15.76	176	486304	29.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	81135	32.87	ng/ul	0.00
70) Anthracene-d10	17.61	188	643584	26.91	ng/ul	0.00
76) Pyrene-d10	19.89	212	779002	28.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	730598	28.94	ng/ul	0.00

Target Compounds

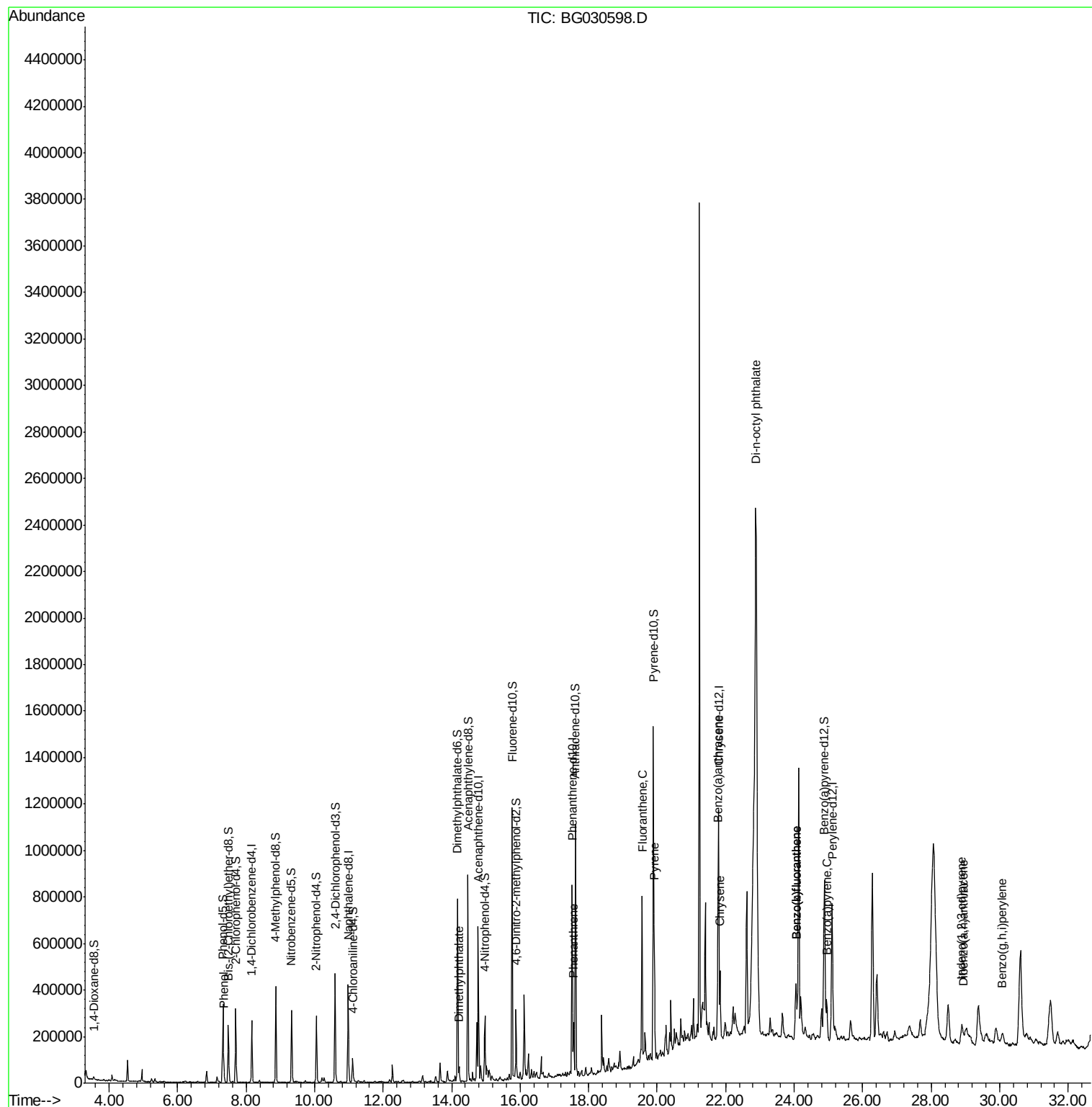
					Ovalue
6) Phenol	7.34	94	37373	4.78 ng/ul	92
44) Dimethylphthalate	14.22	163	38286	1.96 ng/ul	98
69) Phenanthrene	17.56	178	149297	5.46 ng/ul	98
74) Fluoranthene	19.56	202	433511	14.19 ng/ul	100
77) Pyrene	19.92	202	363944	10.21 ng/ul	99
80) Benzo(a)anthracene	21.77	228	195223	5.86 ng/ul	99
82) Chrysene	21.84	228	217790	7.19 ng/ul	97
84) Di-n-octyl phthalate	22.88	149	146471	4.11 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	306292	9.57 ng/ul	98
86) Benzo(k)fluoranthene	24.05	252	306292	9.90 ng/ul	98
88) Benzo(a)pyrene	24.95	252	200214	6.43 ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.90	276	146820	4.17 ng/ul	95
90) Dibenzo(a,h)anthracene	28.94	278	37969	1.30 ng/ul#	76
91) Benzo(g,h,i)perylene	30.08	276	63144	2.16 ng/ul#	94

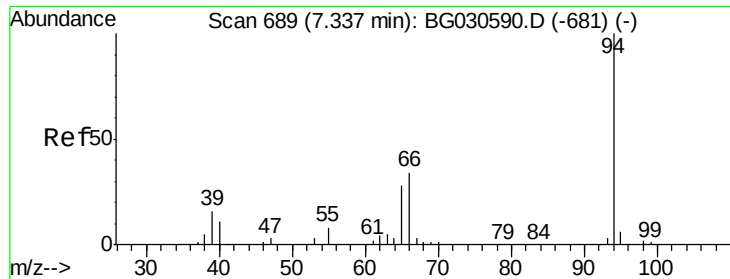
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.78 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

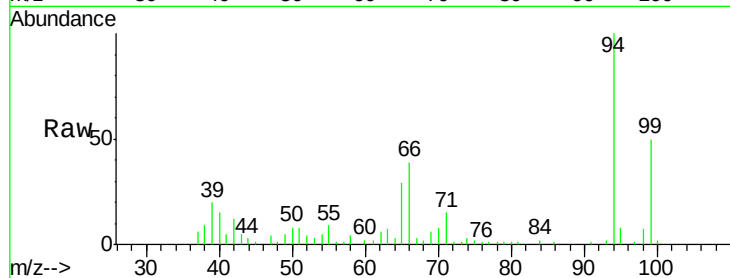
Tot Ion: 94 Resp: 37373

Ion Ratio Lower Upper

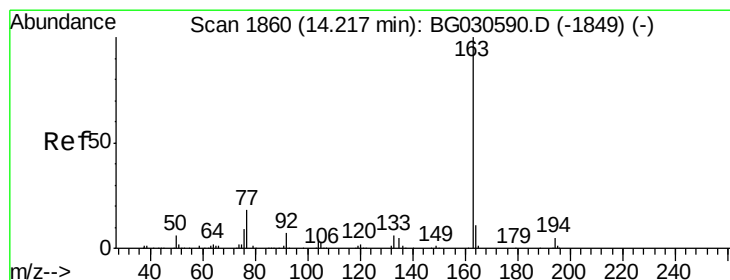
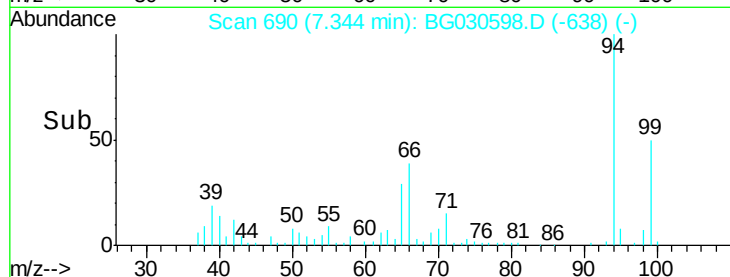
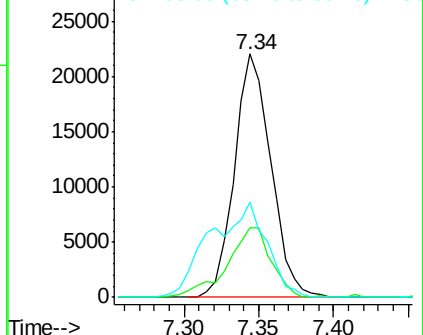
94 100

65 28.8 27.1 40.7

66 38.8 34.6 52.0



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



#44

Dimethylphthalate

Concen: 1.96 ng/ul

RT: 14.22 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

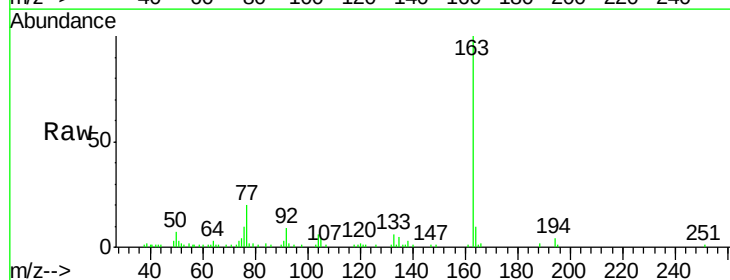
Tgt Ion:163 Resp: 38286

Ion Ratio Lower Upper

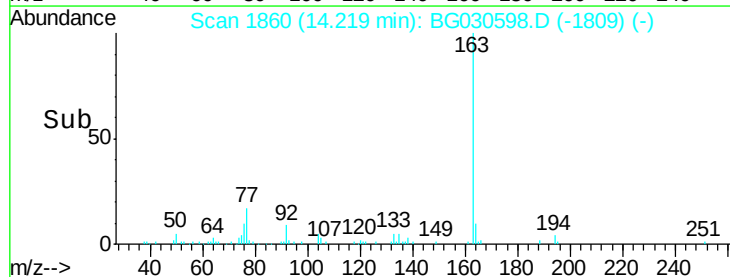
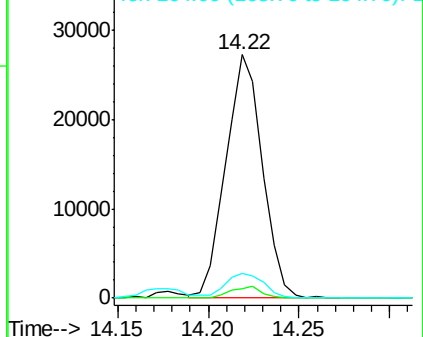
163 100

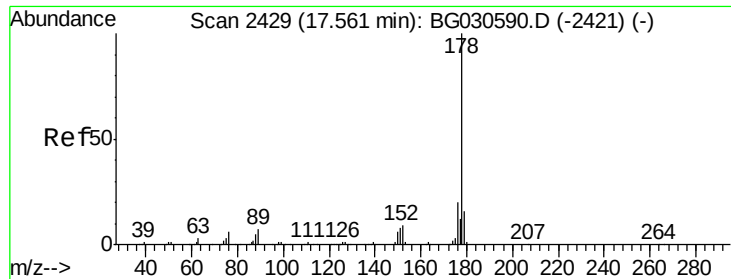
194 3.8 3.5 5.3

164 10.3 7.6 11.4



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: 5.46 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

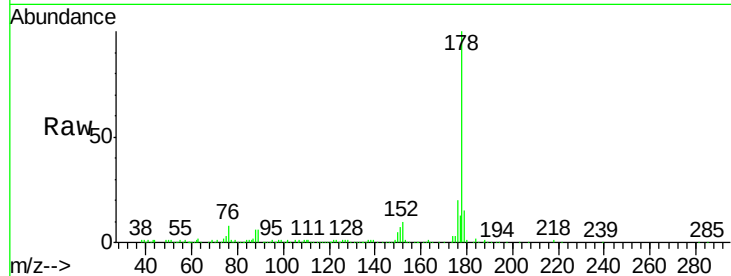
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 149297

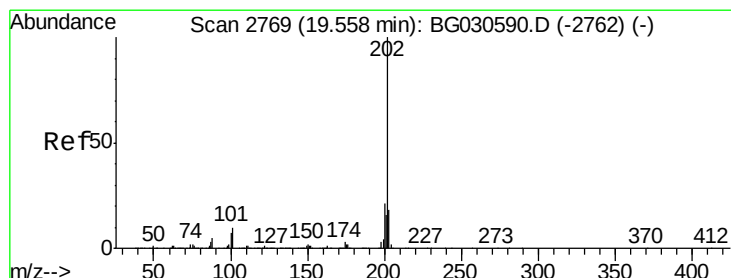
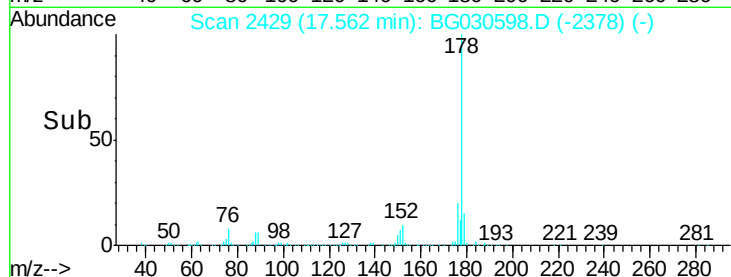
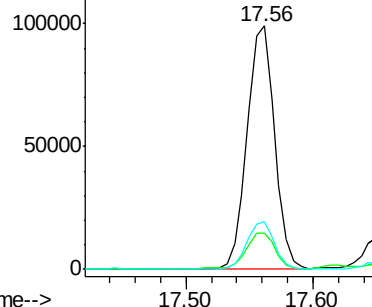
Ion	Ratio	Lower	Upper
178	100		
179	15.0	13.0	19.6
176	19.6	15.3	22.9



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: 14.19 ng/ul

RT: 19.56 min Scan# 2769

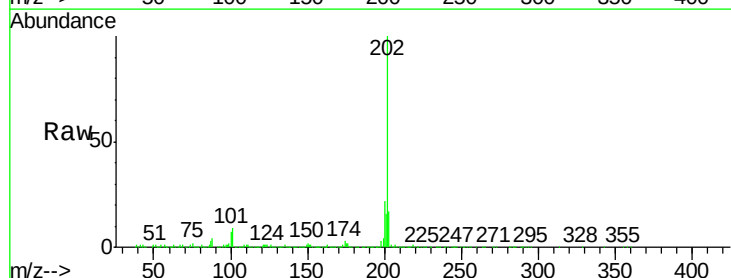
Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:202 Resp: 433511

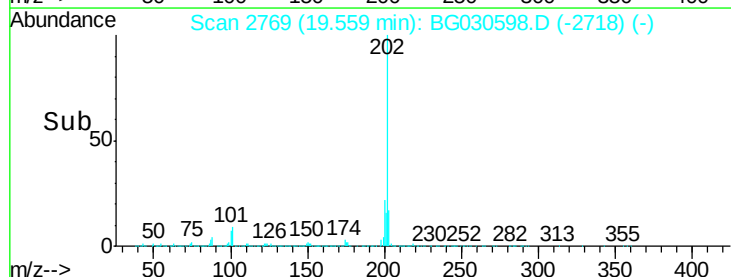
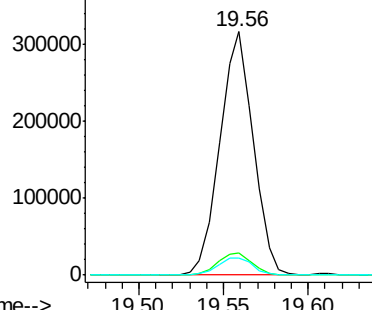
Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.1	5.6	8.4

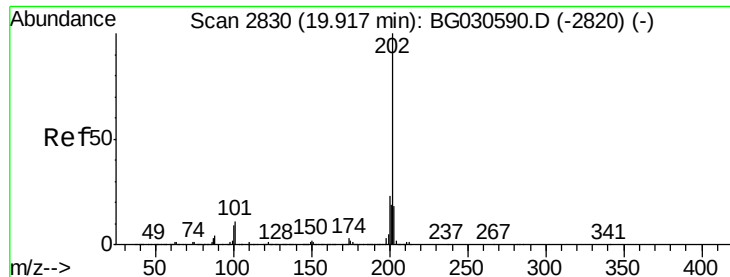


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 10.21 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

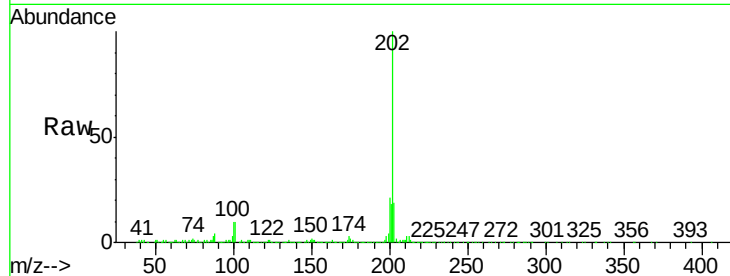
Tot Ion:202 Resp: 363944

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

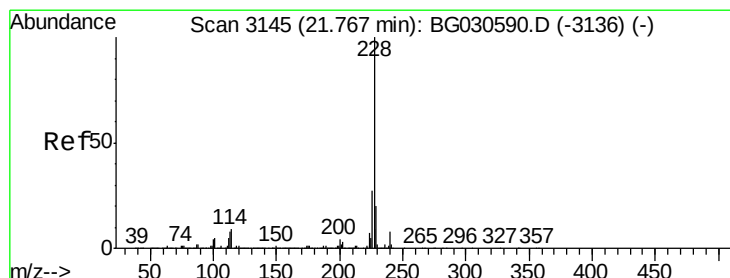
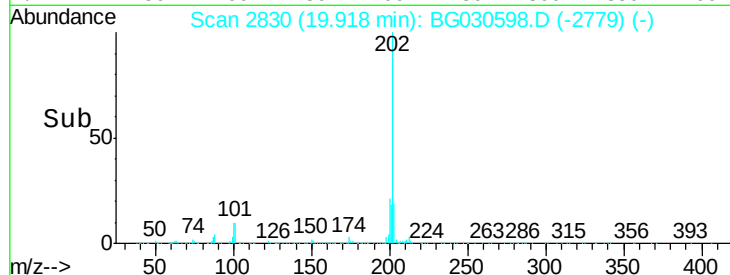
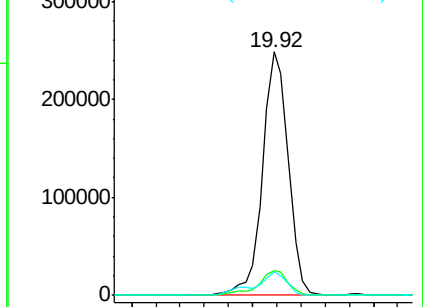
100 9.7 7.0 10.6



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: 5.86 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. 0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

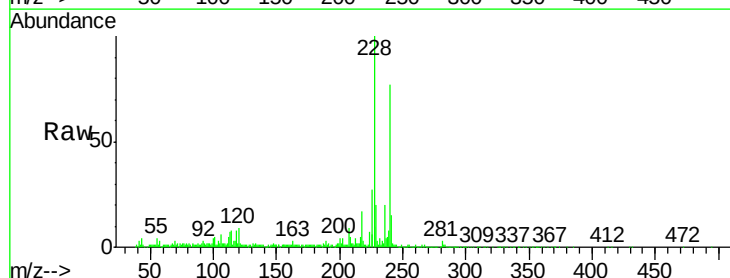
Tgt Ion:228 Resp: 195223

Ion Ratio Lower Upper

228 100

229 20.5 16.2 24.4

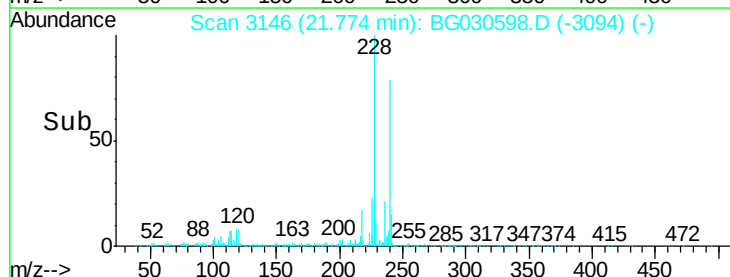
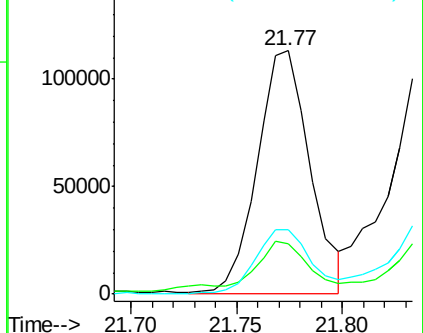
226 26.5 22.2 33.2

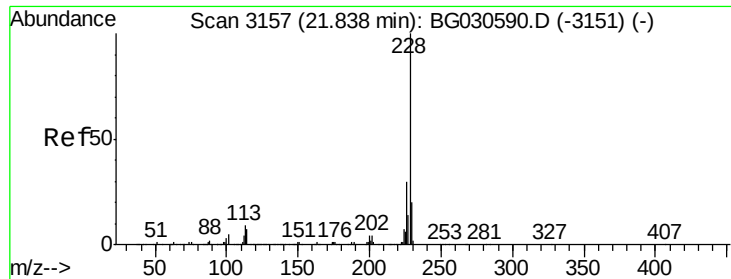


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 7.19 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

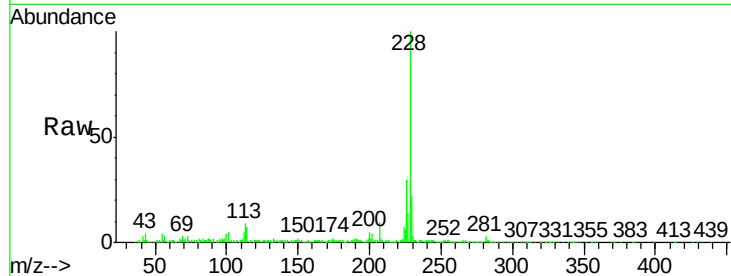
Tot Ion:228 Resp: 217790

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

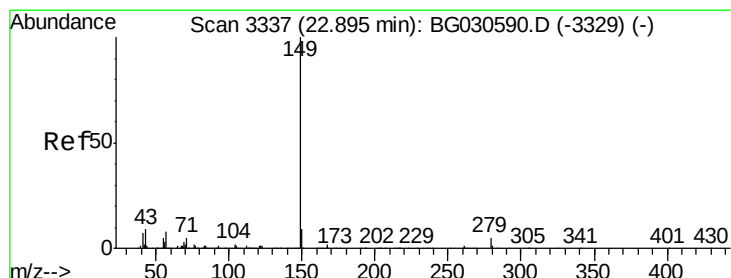
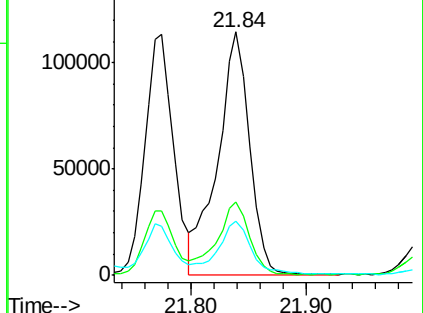
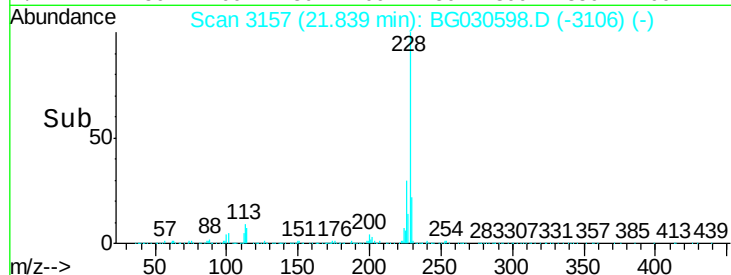
229 22.5 15.2 22.8



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



#84

Di-n-octyl phthalate

Concen: 4.11 ng/ul

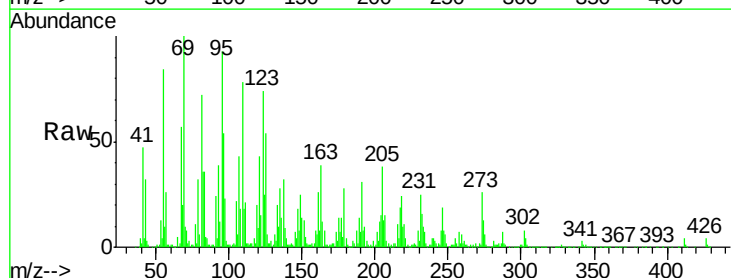
RT: 22.88 min Scan# 3334

Delta R.T. -0.02 min

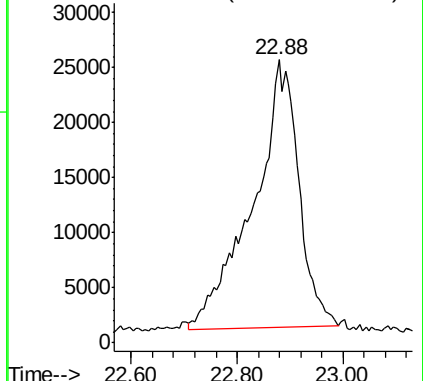
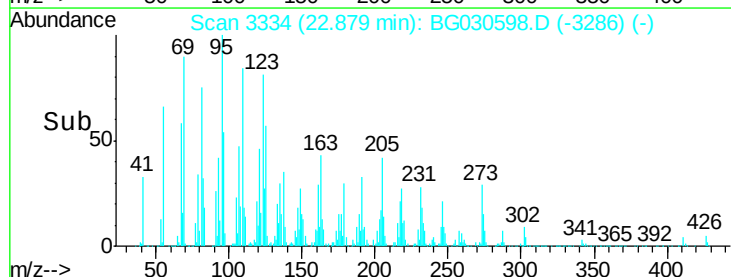
Lab File: BG030598.D

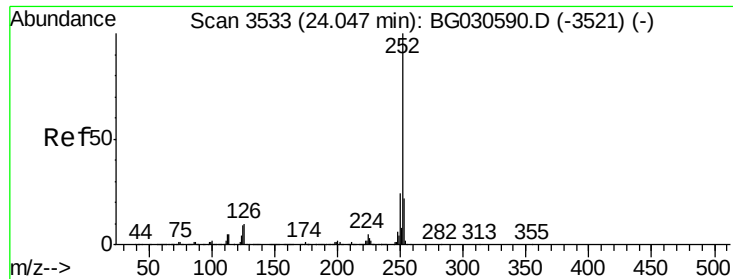
Acq: 31 Oct 2017 3:31

Tgt Ion:149 Resp: 146471



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 9.57 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG030598.D

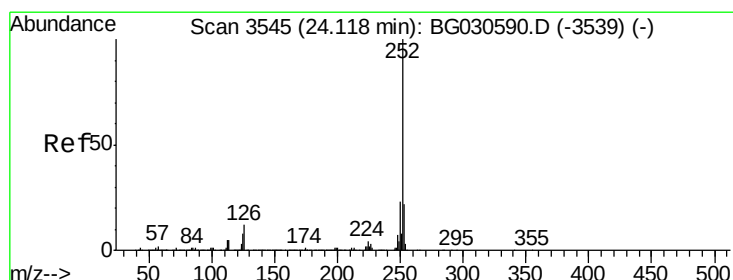
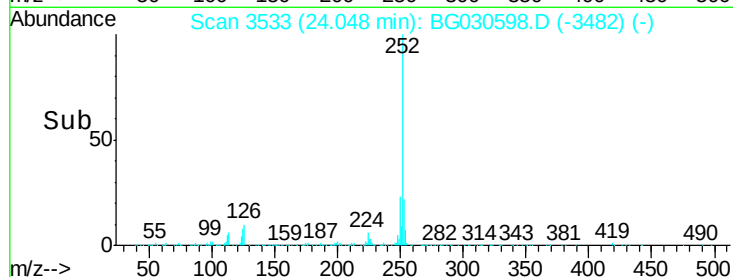
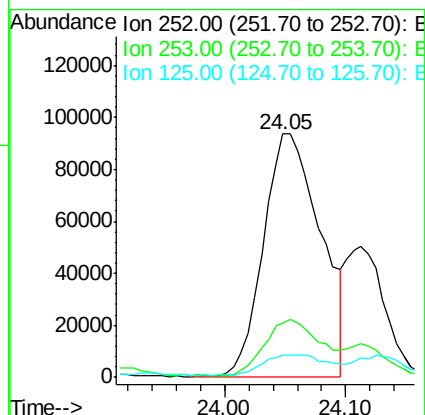
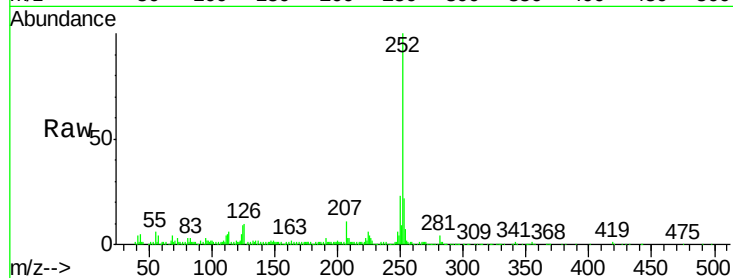
Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	306292
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.0 25.4
125	9.3	7.5 11.3



#86

Benzo(k)fluoranthene

Concen: 9.90 ng/ul

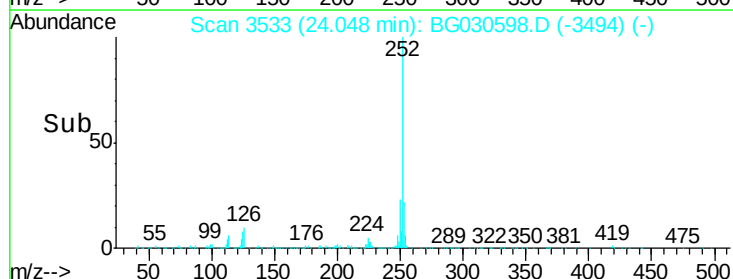
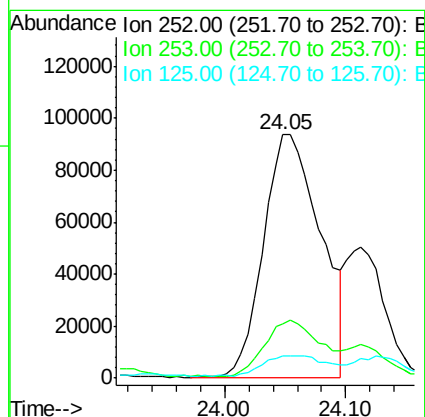
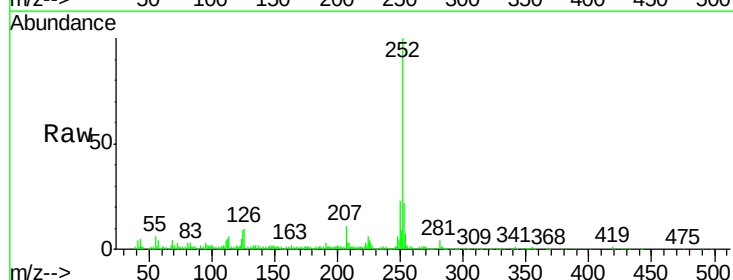
RT: 24.05 min Scan# 3533

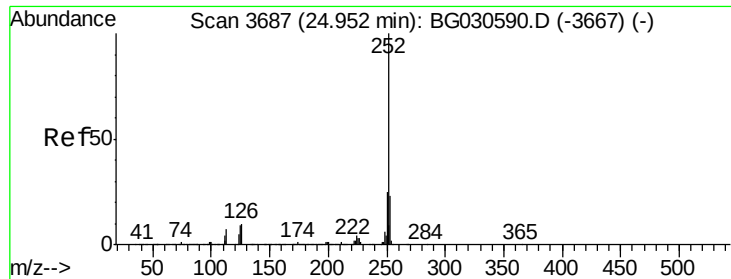
Delta R.T. -0.07 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Tgt Ion:252	Resp:	306292
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.2 25.8
125	9.3	7.8 11.8





#88

Benzo(a)pyrene

Concen: 6.43 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

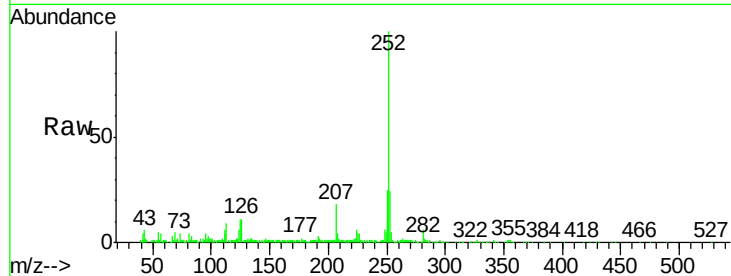
Tot Ion:252 Resp: 200214

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

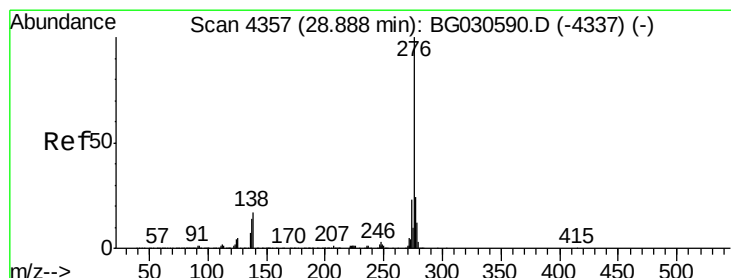
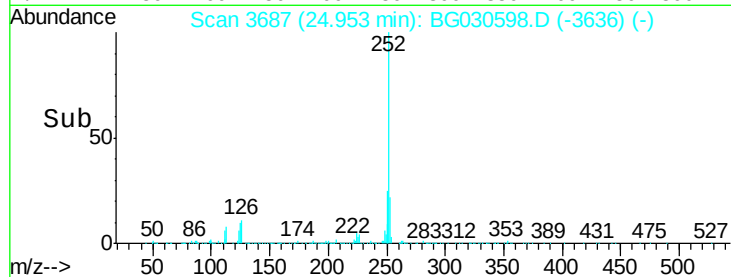
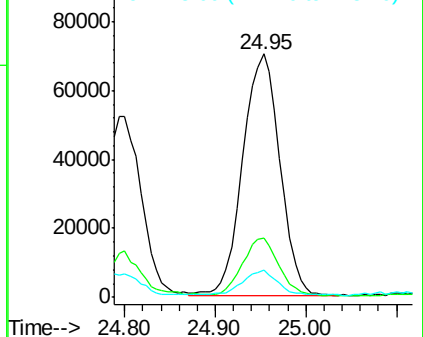
125 11.2 7.8 11.8



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: 4.17 ng/ul

RT: 28.90 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

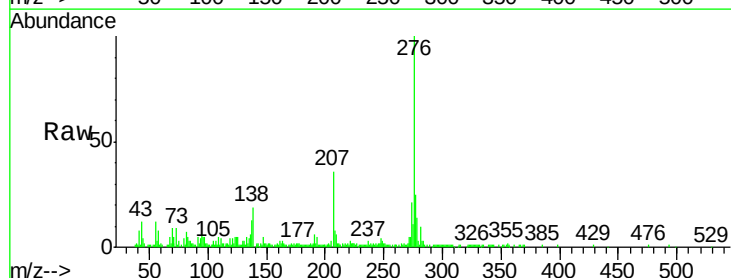
Tgt Ion:276 Resp: 146820

Ion Ratio Lower Upper

276 100

138 19.1 13.4 20.0

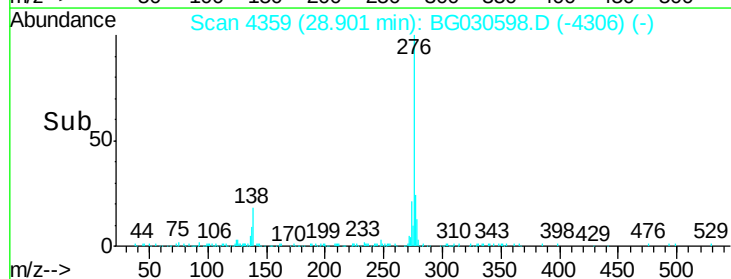
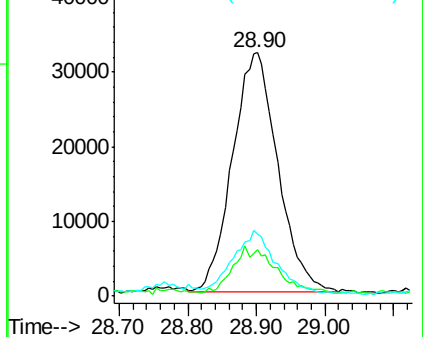
277 25.4 18.6 28.0

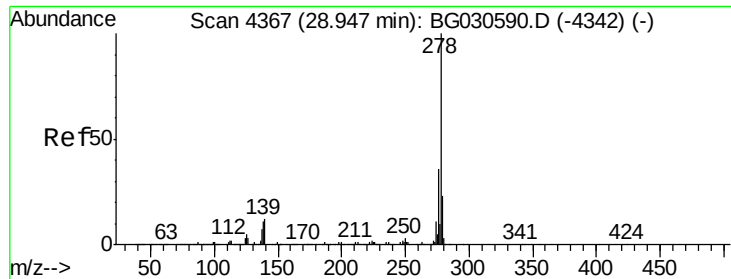


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 1.30 ng/ul

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

Instrument :

BNA_G

ClientSampleId :

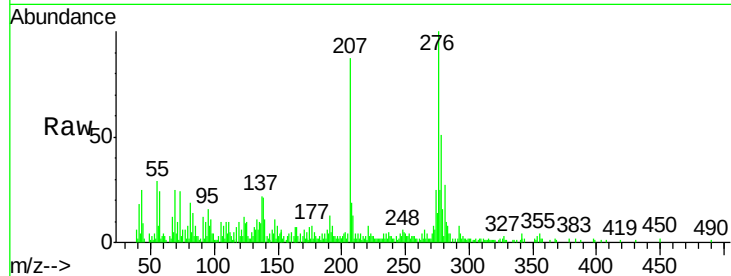
Tot Ion:278 Resp: 37969

Ion Ratio Lower Upper

278 100

139 26.5 9.4 14.2#

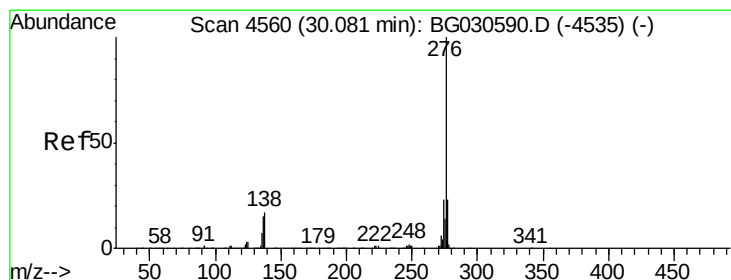
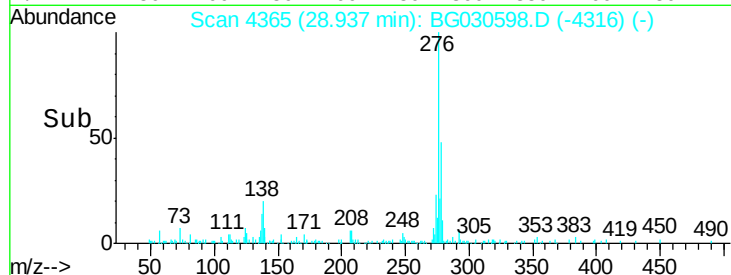
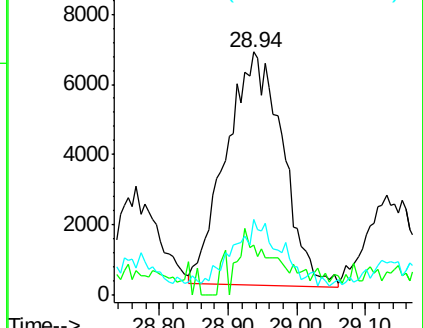
279 31.4 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.16 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BG030598.D

Acq: 31 Oct 2017 3:31

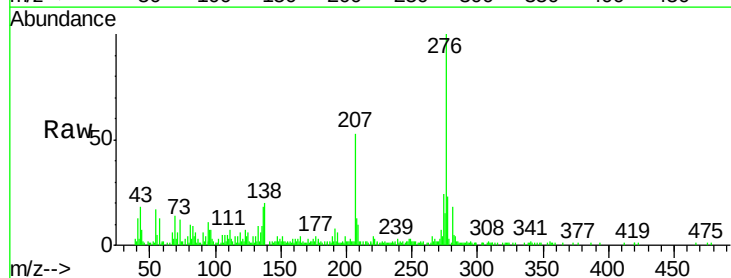
Tgt Ion:276 Resp: 63144

Ion Ratio Lower Upper

276 100

138 20.3 12.1 18.1#

277 22.9 17.7 26.5



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

