

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021857.D
 Acq On : 11 May 2016 23:41
 Operator : UM/SJ
 Sample : H2936-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF3

Quant Time: May 12 07:34:00 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	86700	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	447909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	268514	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	538839	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	531053	20.00	ng/ul	0.00
84) Perylene-d12	25.20	264	530739	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4556	2.54	ng/uL	0.00
5) Phenol-d5	7.33	99	91502	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	48763	15.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	91343	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	61368	11.36	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	48395	16.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	50586	27.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	91638	17.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	46382	8.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	309875	16.43	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	424582	15.86	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	35449	10.97	ng/ul	0.00
58) Fluorene-d10	15.79	176	289285	14.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34627	23.20	ng/ul	0.00
71) Anthracene-d10	17.64	188	391575	14.93	ng/ul	0.00
77) Pyrene-d10	19.92	212	396624	15.96	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.97	264	370921	14.71	ng/ul	0.03

Target Compounds

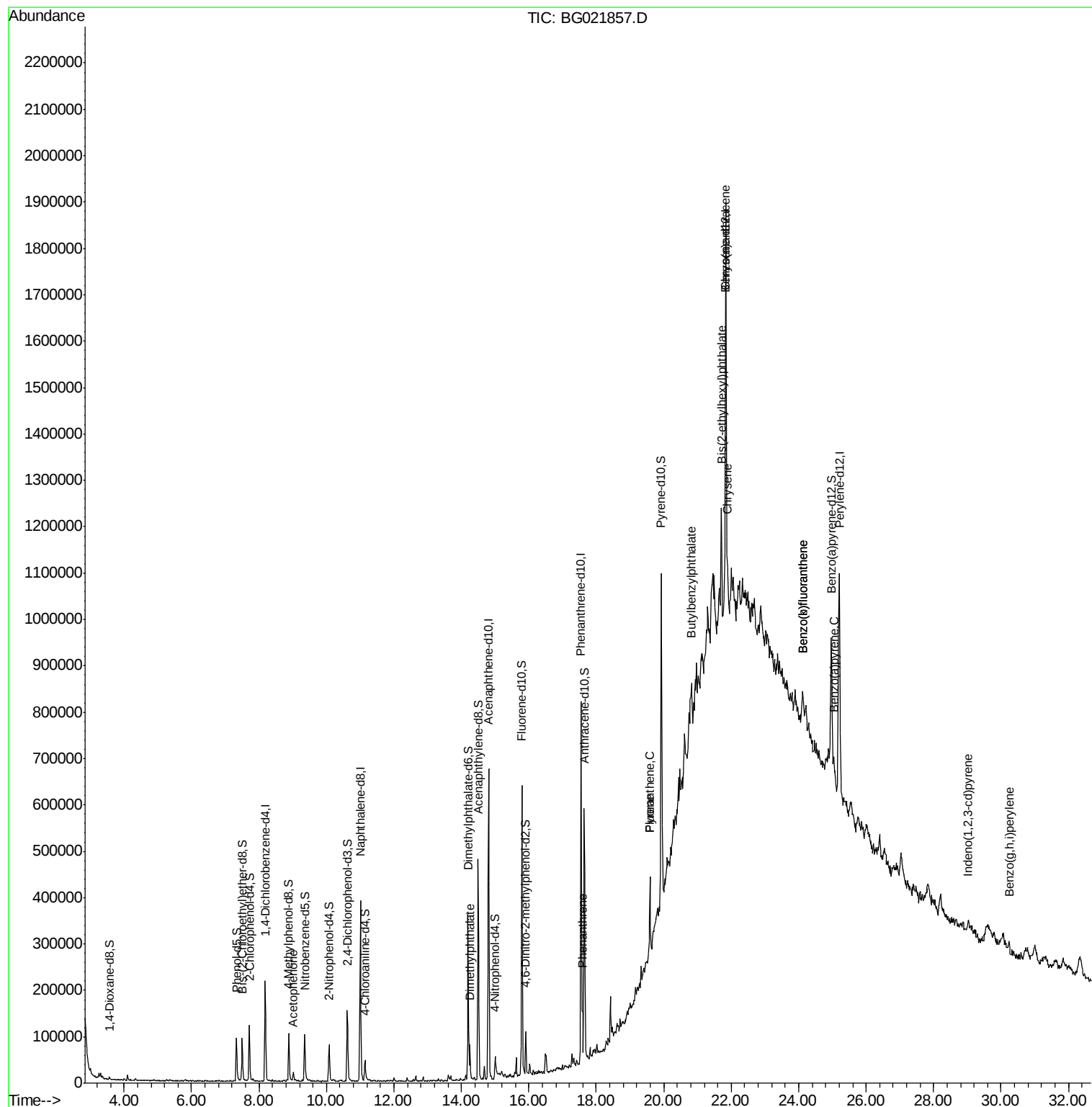
						Ovalue
14) Acetophenone	9.02	105	17219	1.93	ng/ul#	67
45) Dimethylphthalate	14.25	163	59475	3.10	ng/ul	99
70) Phenanthrene	17.59	178	73497	2.49	ng/ul	94
75) Fluoranthene	19.59	202	113144	3.38	ng/ul#	95
78) Pyrene	19.59	202	113144	3.68	ng/ul	98
79) Butylbenzylphthalate	20.83	149	22397	3.30	ng/ul	85
81) Benzo(a)anthracene	21.82	228	49480	1.67	ng/ul	94
82) Bis(2-ethylhexyl)phthalate	21.71	149	115374	10.41	ng/ul	95
83) Chrysene	21.89	228	62022	2.12	ng/ul#	94
86) Benzo(b)fluoranthene	24.13	252	97533	3.21	ng/ul#	58
87) Benzo(k)fluoranthene	24.13	252	97533	3.00	ng/ul#	57
89) Benzo(a)pyrene	25.04	252	50332	1.66	ng/ul#	53
90) Indeno(1,2,3-cd)pyrene	29.02	276	39672	1.11	ng/ul#	77
92) Benzo(g,h,i)perylene	30.23	276	35514	1.20	ng/ul#	78

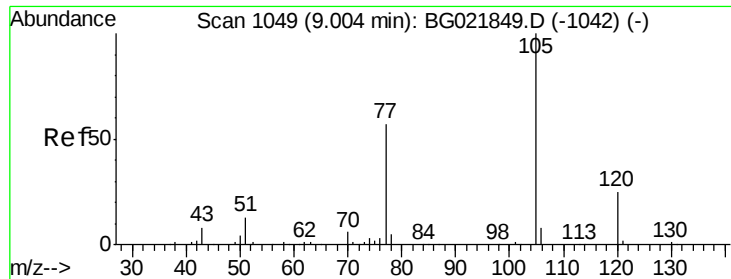
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 07:33:29 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.93 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Instrument :

BNA_G

ClientSampleId :

D9WF3

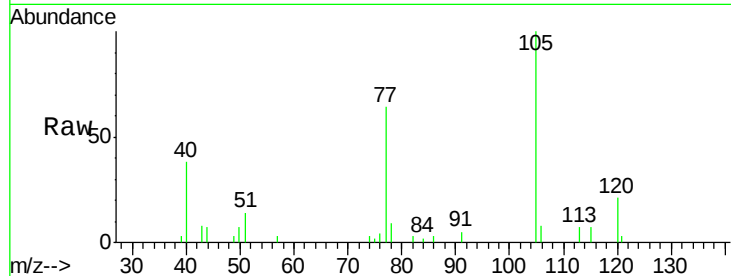
Tot Ion:105 Resp: 17219

Ion Ratio Lower Upper

105 100

77 63.7 76.3 114.5#

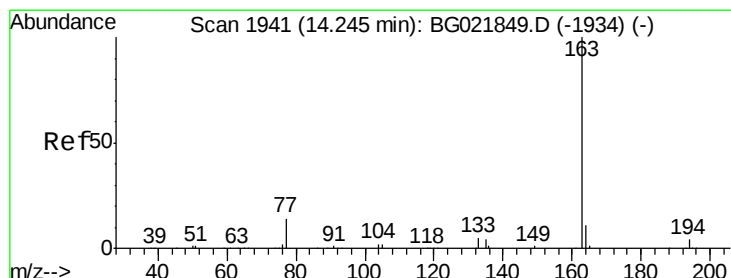
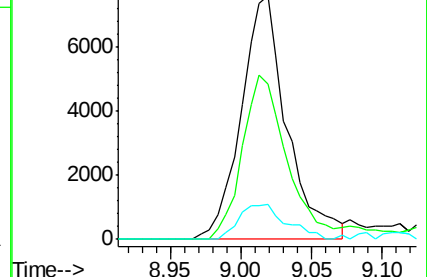
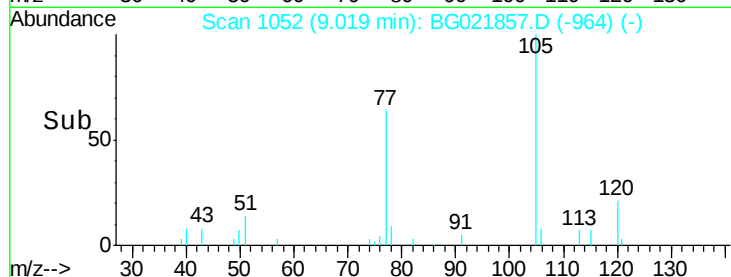
51 14.5 27.6 41.4#



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



#45

Dimethylphthalate

Concen: 3.10 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

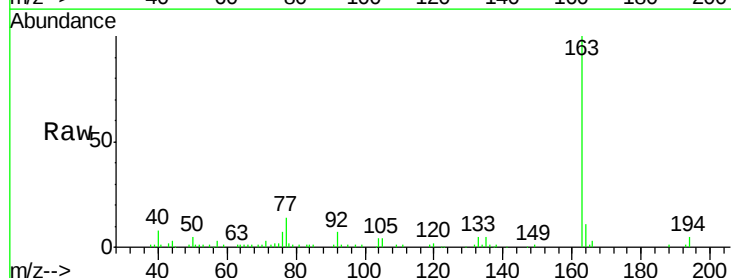
Tgt Ion:163 Resp: 59475

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

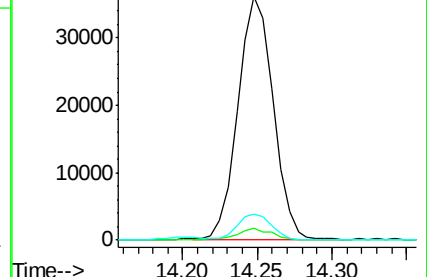
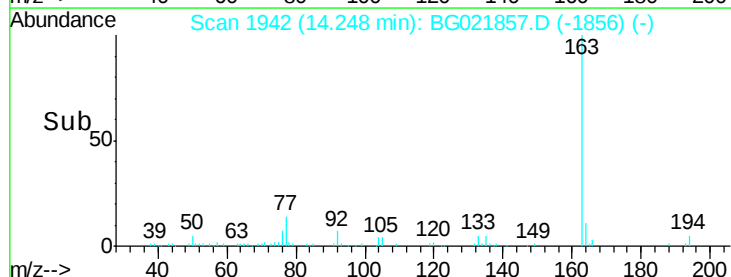
164 10.5 8.7 13.1

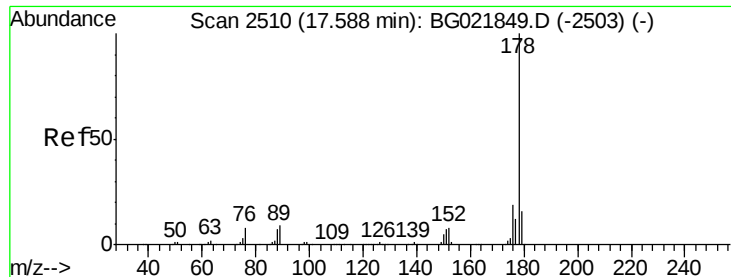


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.49 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Instrument :

BNA_G

ClientSampleId :

D9WF3

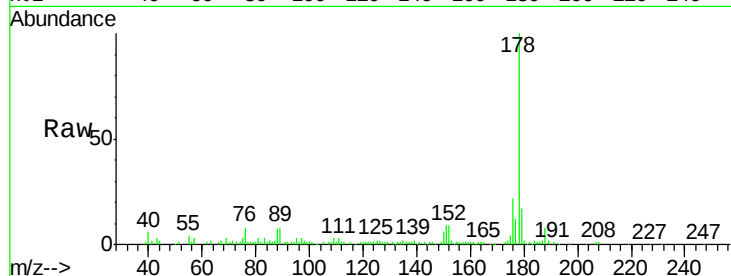
Tot Ion:178 Resp: 73497

Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.8	17.8
176	21.7	14.8	22.2

178 100

179 17.0 11.8 17.8

176 21.7 14.8 22.2

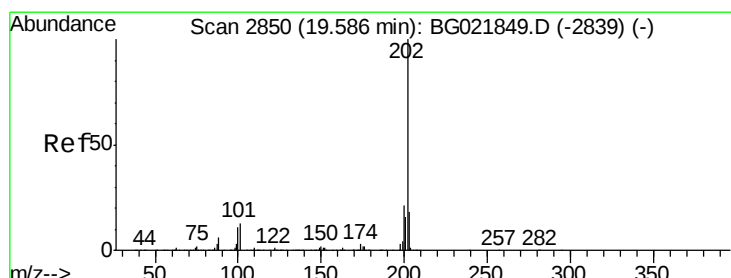
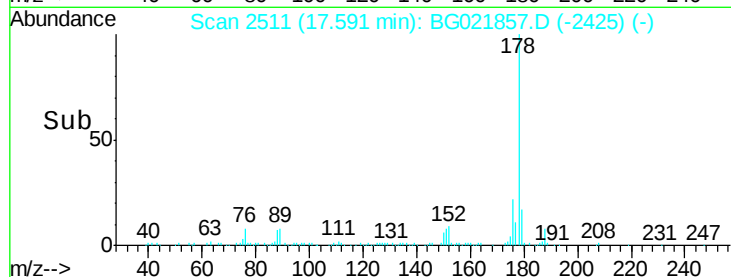
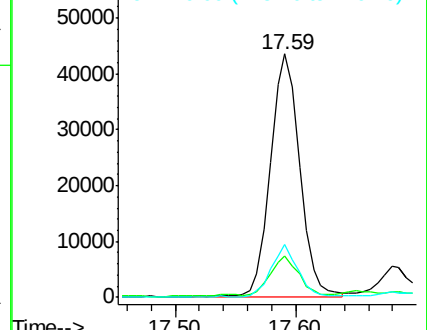


Abundance

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



#75

Fluoranthene

Concen: 3.38 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

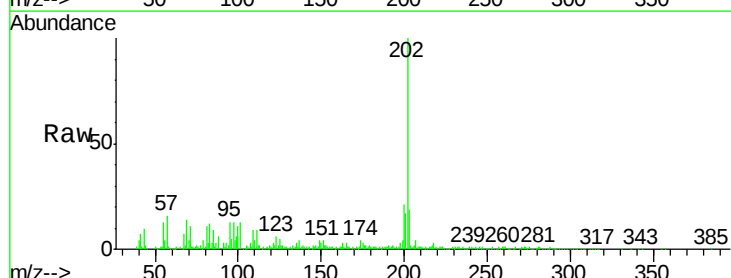
Tgt Ion:202 Resp: 113144

Ion	Ratio	Lower	Upper
202	100		
101	13.1	8.9	13.3
100	10.5	7.0	10.4

202 100

101 13.1 8.9 13.3

100 10.5 7.0 10.4#

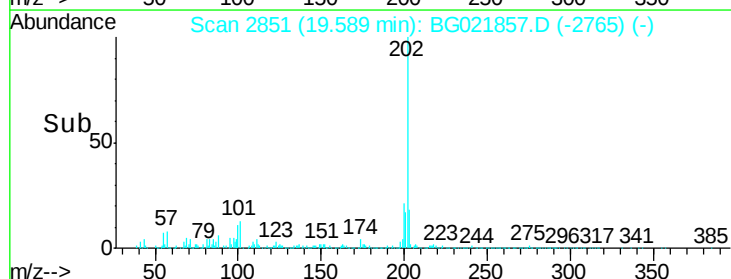
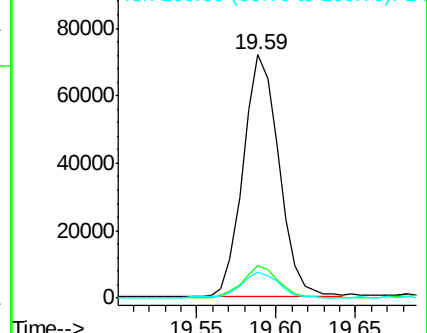


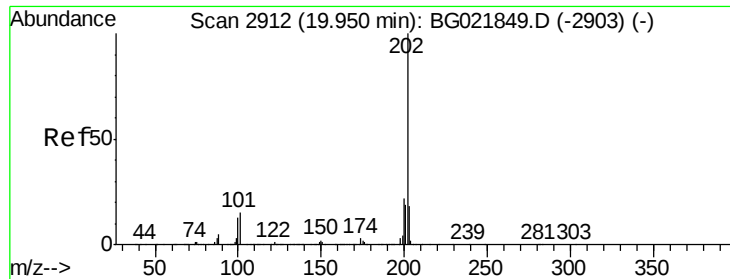
Abundance

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

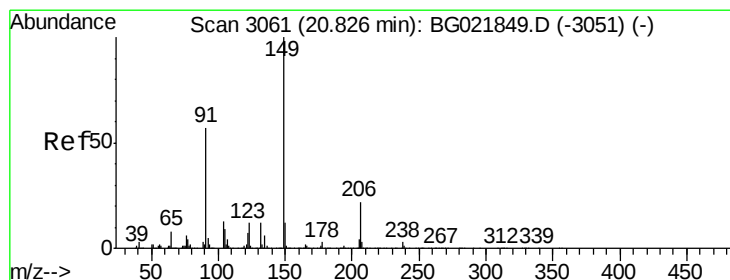
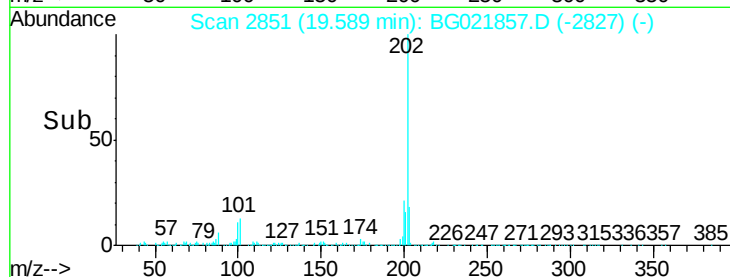
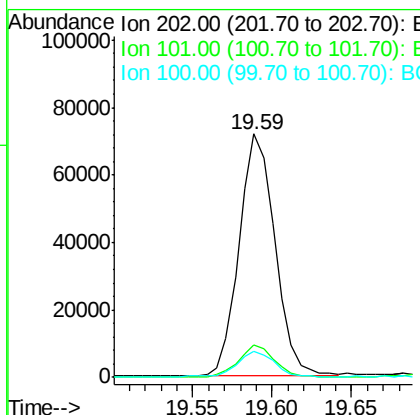
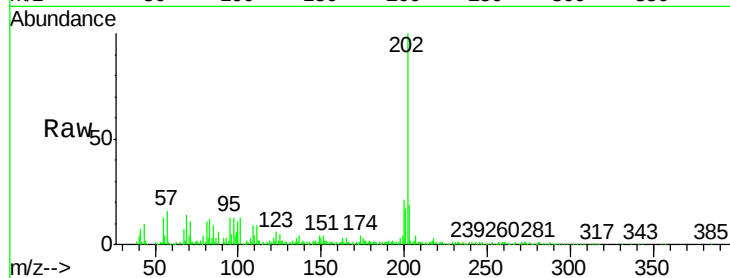




#78
Pvrene
Concen: 3.68 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021857.D
Acq: 11 May 2016 23:41

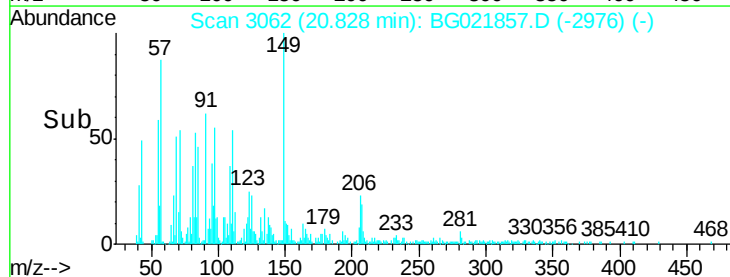
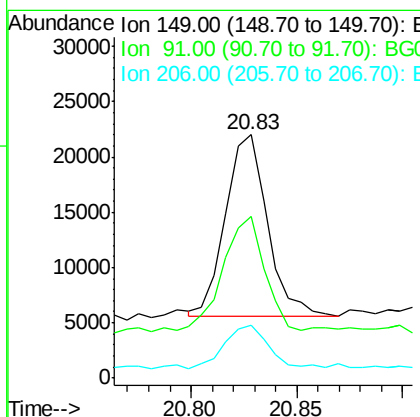
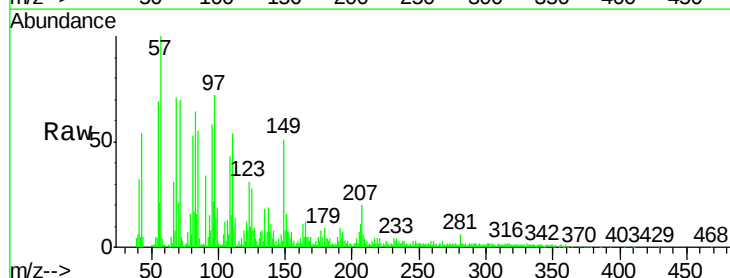
Instrument :
BNA_G
ClientSampleId :
D9WF3

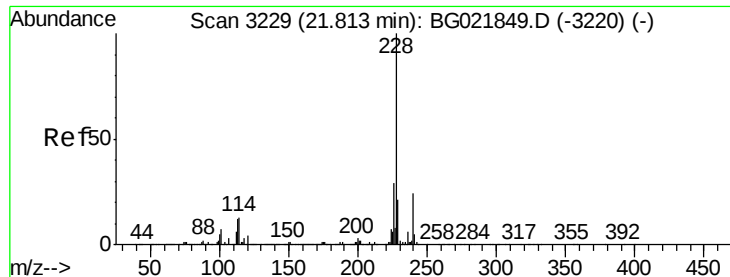
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
100	10.5	9.3	13.9



#79
Butylbenzylphthalate
Concen: 3.30 ng/ul
RT: 20.83 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BG021857.D
Acq: 11 May 2016 23:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	65.8	98.8
206	21.6	15.5	23.3





#81

Benzo(a)anthracene

Concen: 1.67 ng/ul

RT: 21.82 min Scan# 3231

Delta R.T. 0.01 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Instrument :

BNA_G

ClientSampleId :

D9WF3

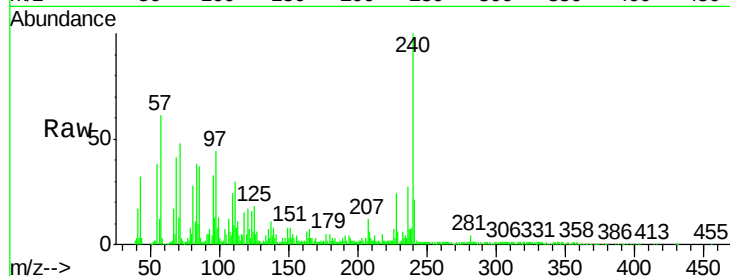
Tot Ion:228 Resp: 49480

Ion Ratio Lower Upper

228 100

229 24.9 16.6 25.0

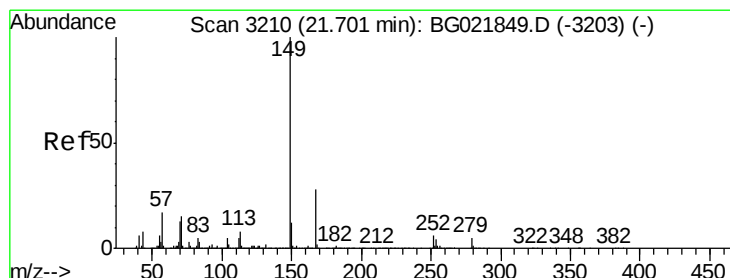
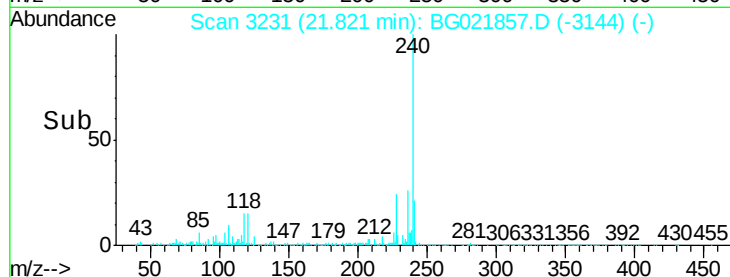
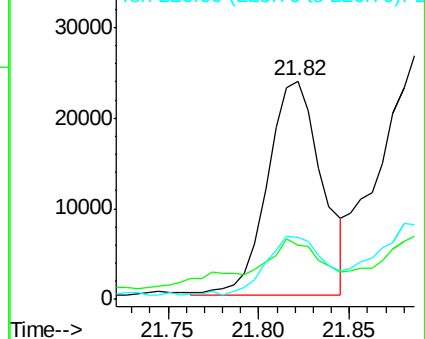
226 28.6 21.0 31.4



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

Bis(2-ethylhexyl)phthalate

Concen: 10.41 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

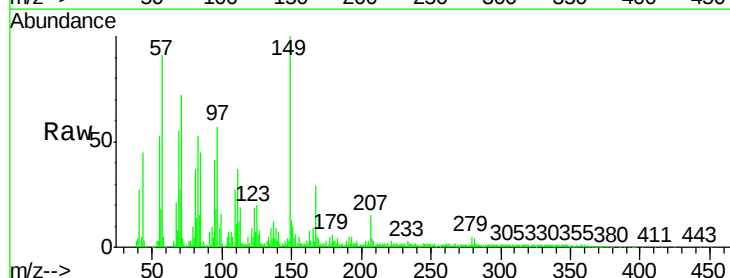
Tgt Ion:149 Resp: 115374

Ion Ratio Lower Upper

149 100

167 28.6 20.5 30.7

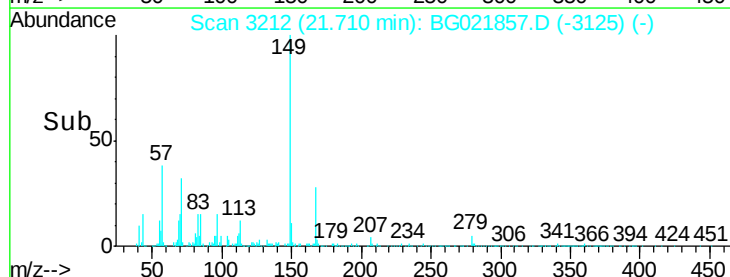
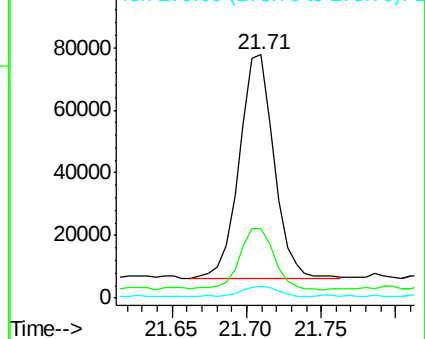
279 5.0 3.7 5.5

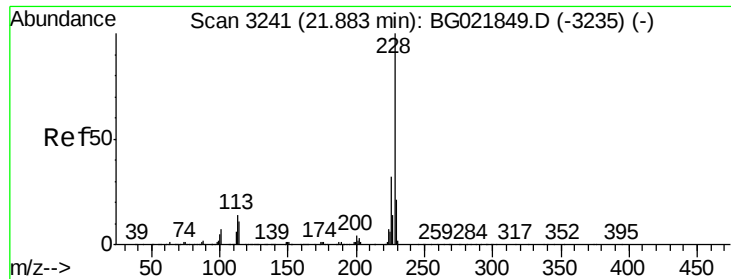


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

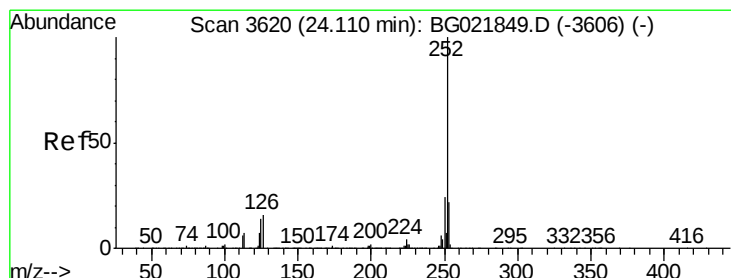
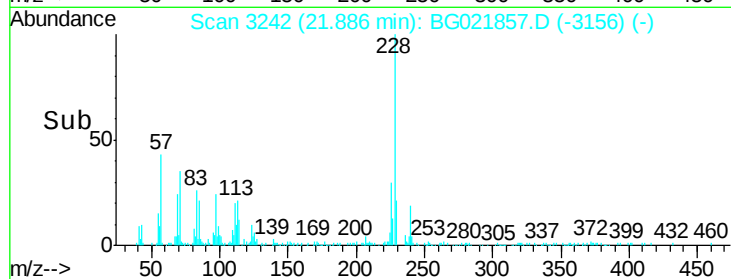
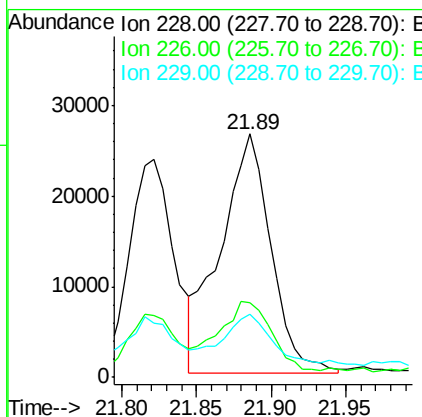
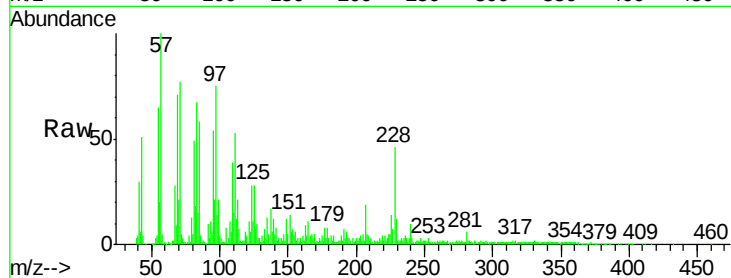




#83
Chrysene
Concen: 2.12 ng/ul
RT: 21.89 min Scan# 3242
Delta R.T. 0.00 min
Lab File: BG021857.D
Acq: 11 May 2016 23:41

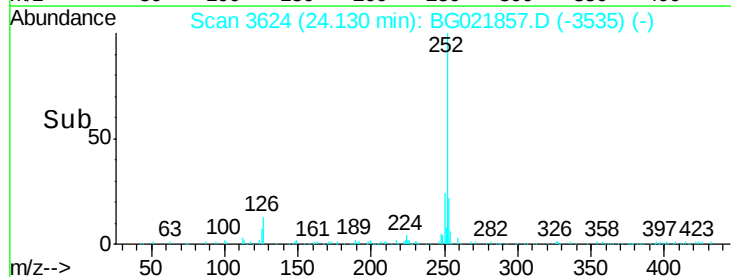
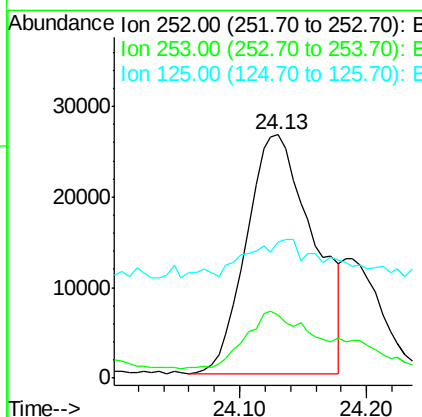
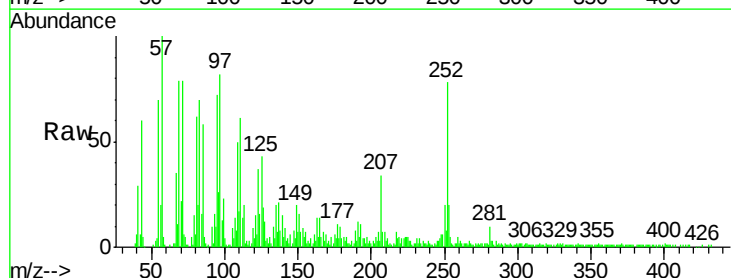
Instrument :
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ClientSampleId :
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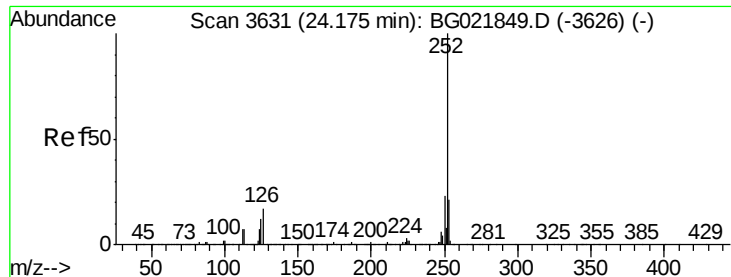
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	25.8	16.2	24.2



#86
Benzo(b)fluoranthene
Concen: 3.21 ng/ul
RT: 24.13 min Scan# 3624
Delta R.T. 0.02 min
Lab File: BG021857.D
Acq: 11 May 2016 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	55.9	7.6	11.4





#87

Benzo(k)fluoranthene

Concen: 3.00 ng/ul

RT: 24.13 min Scan# 3624

Delta R.T. -0.04 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Instrument :

BNA_G

ClientSampled :

D9WF3

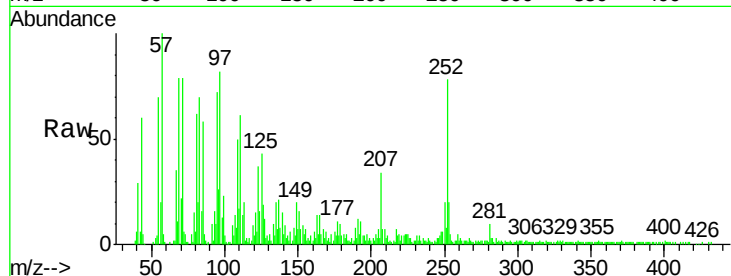
Tot Ion:252 Resp: 97533

Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

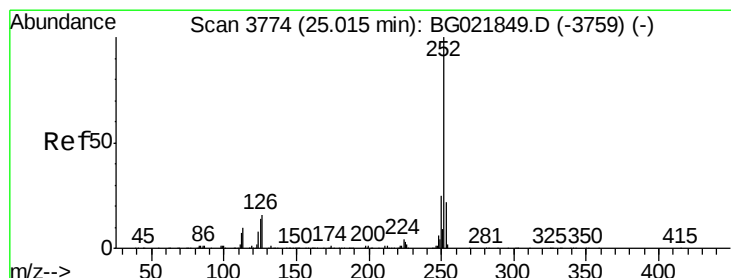
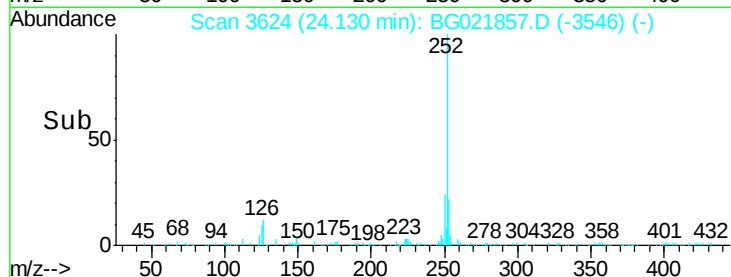
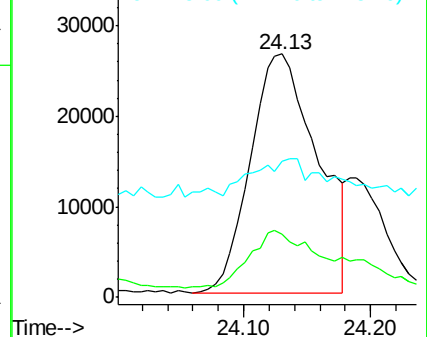
125 55.9 7.7 11.5#



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(a)pyrene

Concen: 1.66 ng/ul

RT: 25.04 min Scan# 3778

Delta R.T. 0.02 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

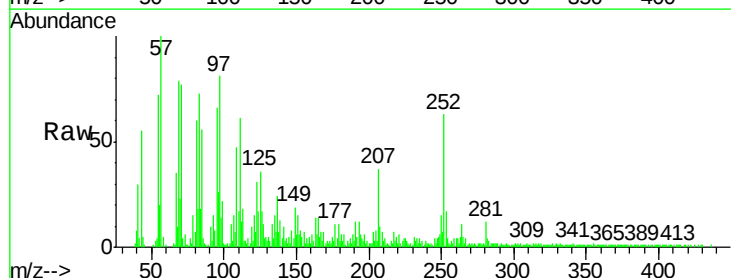
Tgt Ion:252 Resp: 50332

Ion Ratio Lower Upper

252 100

253 26.6 17.4 26.0#

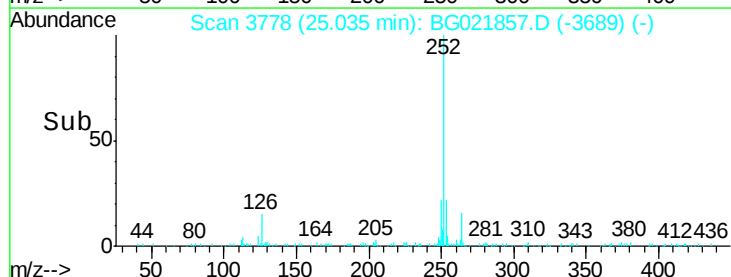
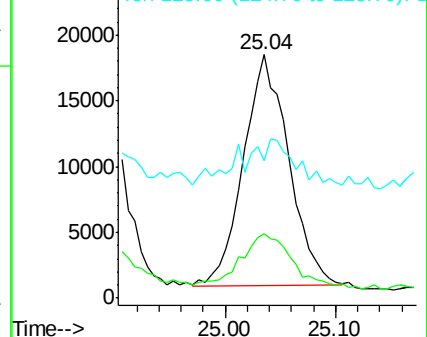
125 56.7 8.2 12.2#

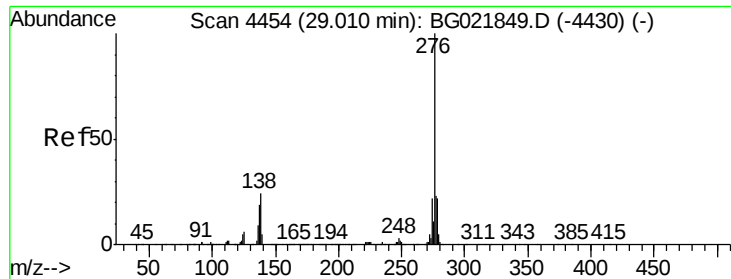


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Indeno(1,2,3-cd)pyrene

Concen: 1.11 ng/ul

RT: 29.02 min Scan# 4457

Delta R.T. 0.01 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Instrument :

BNA_G

ClientSampleId :

D9WF3

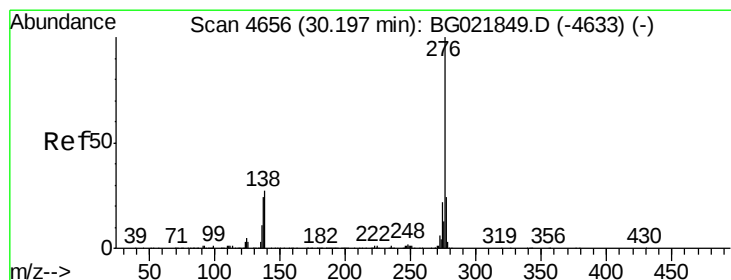
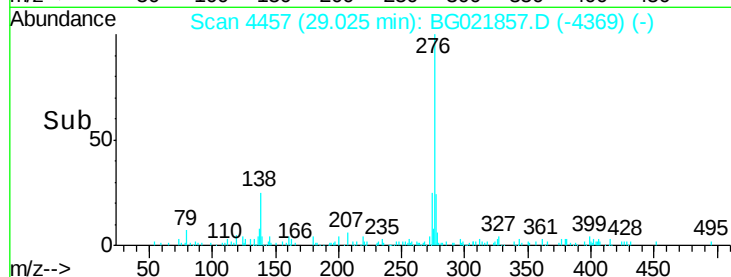
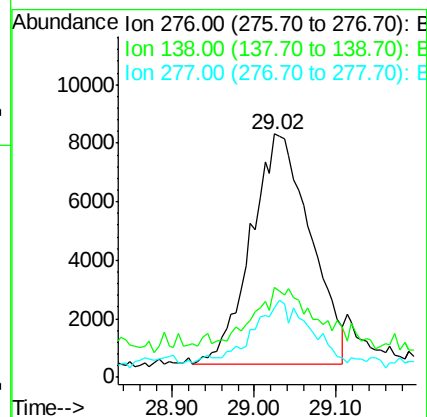
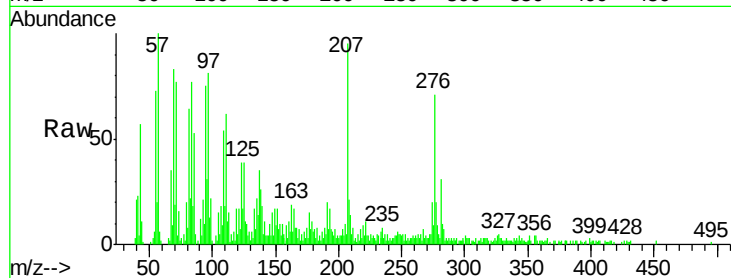
Tot Ion:276 Resp: 39672

Ion Ratio Lower Upper

276 100

138 37.1 15.8 23.6#

277 28.7 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 1.20 ng/ul

RT: 30.23 min Scan# 4663

Delta R.T. 0.04 min

Lab File: BG021857.D

Acq: 11 May 2016 23:41

Tgt Ion:276 Resp: 35514

Ion Ratio Lower Upper

276 100

138 35.9 13.9 20.9#

277 28.2 19.8 29.6

