

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
 Data File : BG020825.D
 Acq On : 9 Feb 2016 20:03
 Operator : SJ/UM
 Sample : H1371-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04J2

Quant Time: Feb 10 00:40:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 10 00:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25868	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	129720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	68312	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	127314	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	109648	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	105546	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1086	2.04	ng/uL	0.00
5) Phenol-d5	7.41	99	29247	11.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	17164	12.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	25011	12.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	22603	9.92	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	13074	12.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	13580	13.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	24257	12.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	31379	11.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	78540	13.36	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	102555	14.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	11027	9.37	ng/ul	0.00
58) Fluorene-d10	15.87	176	68313	13.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	5177	8.39	ng/ul	0.00
71) Anthracene-d10	17.72	188	91514	14.55	ng/ul	0.00
79) Pyrene-d10	19.99	212	85465	15.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	83201	14.22	ng/ul	0.01

Target Compounds

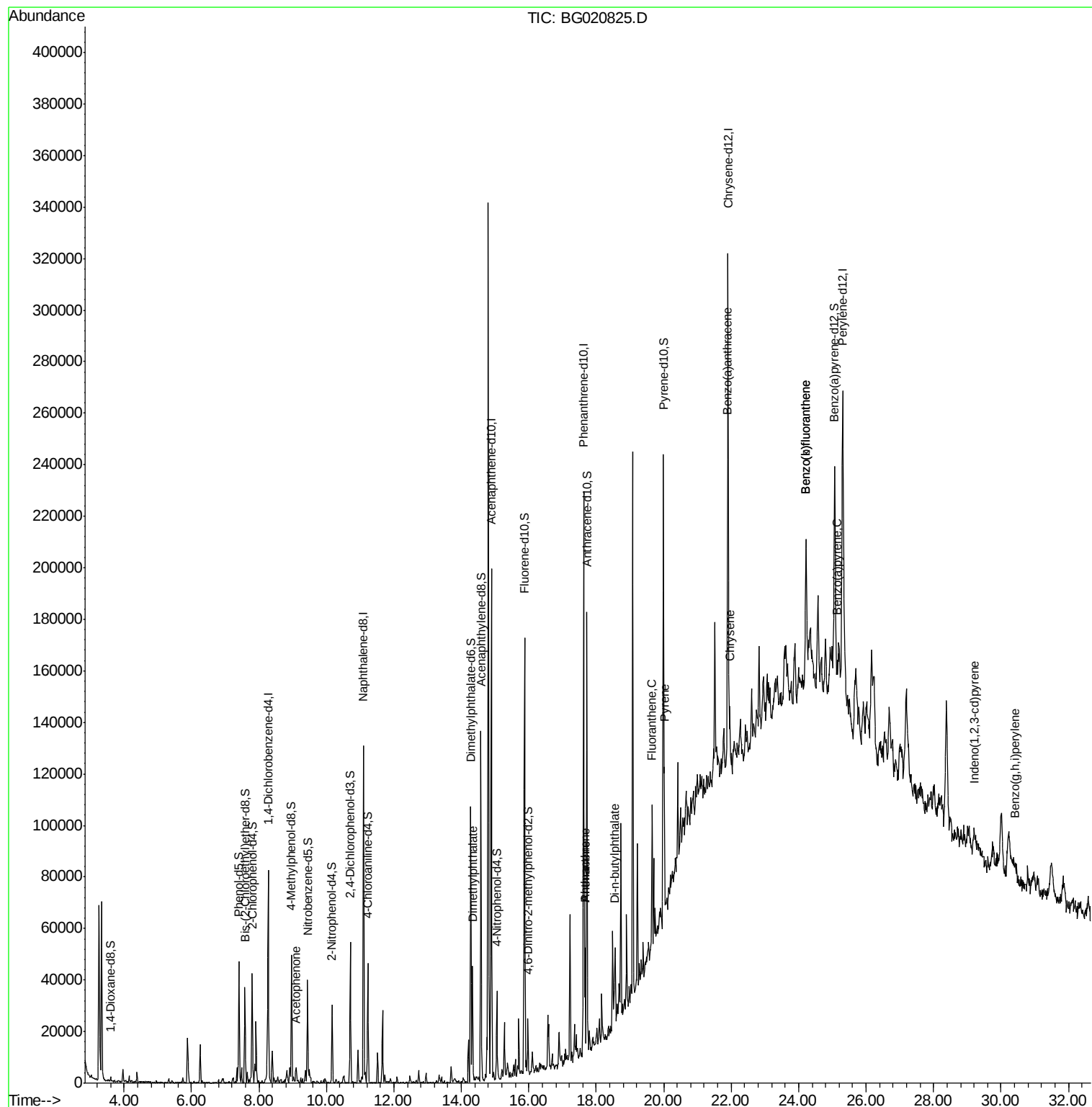
					Qvalue	
14) Acetophenone	9.09	105	5996	1.74	ng/ul#	86
45) Dimethylphthalate	14.33	163	29832	4.87	ng/ul	100
70) Phenanthrene	17.67	178	24307	3.03	ng/ul	97
72) Anthracene	17.67	178	24307	3.01	ng/ul	97
76) Di-n-butylphthalate	18.56	149	19396	2.13	ng/ul#	95
77) Fluoranthene	19.66	202	31948	3.85	ng/ul	98
80) Pyrene	20.02	202	32628	4.12	ng/ul	97
83) Benzo(a)anthracene	21.89	228	12696	1.78	ng/ul#	88
85) Chrysene	21.95	228	13952	2.12	ng/ul#	88
88) Benzo(b)fluoranthene	24.22	252	18144	2.52	ng/ul#	58
89) Benzo(k)fluoranthene	24.22	252	18144	2.64	ng/ul#	58
91) Benzo(a)pyrene	25.14	252	12626	1.86	ng/ul#	68
92) Indeno(1,2,3-cd)pyrene	29.20	276	9752	1.24	ng/ul#	75
94) Benzo(g,h,i)perylene	30.41	276	8981	1.40	ng/ul#	81

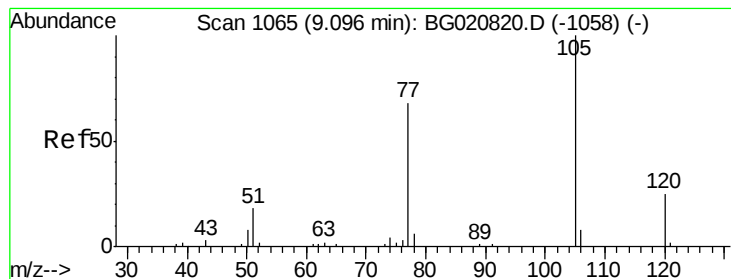
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
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Quant Time: Feb 10 00:40:38 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.74 ng/ul

RT: 9.09 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Instrument :

BNA_G

ClientSampleId :

C04J2

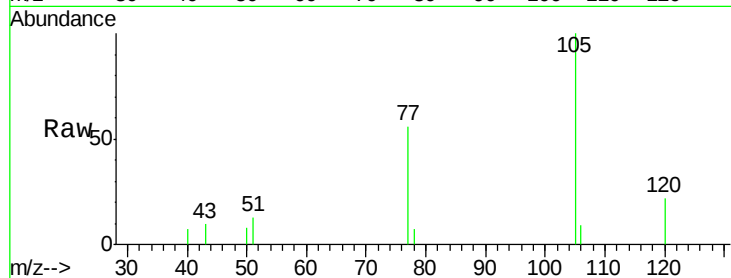
Tgt Ion:105 Resp: 5996

Ion Ratio Lower Upper

105 100

77 56.1 54.9 82.3

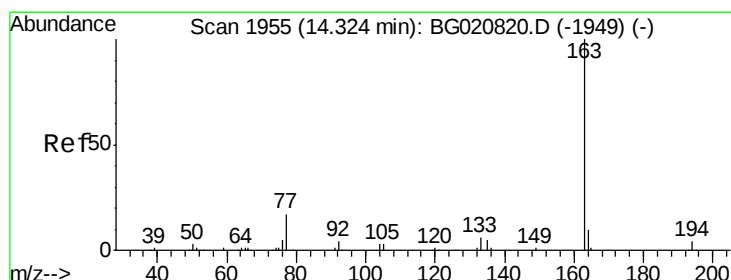
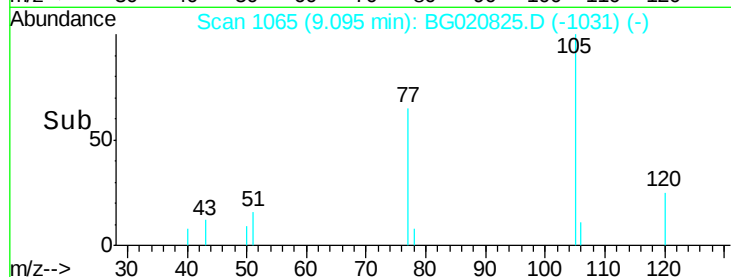
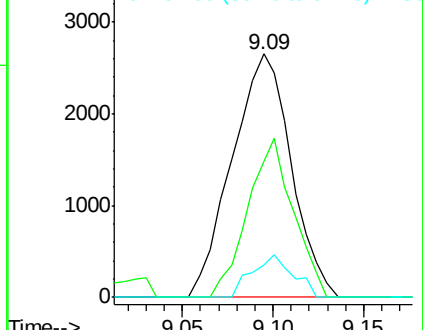
51 13.4 14.7 22.1#



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: 4.87 ng/ul

RT: 14.33 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

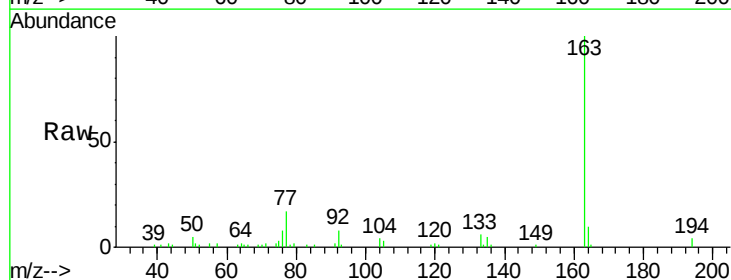
Tgt Ion:163 Resp: 29832

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

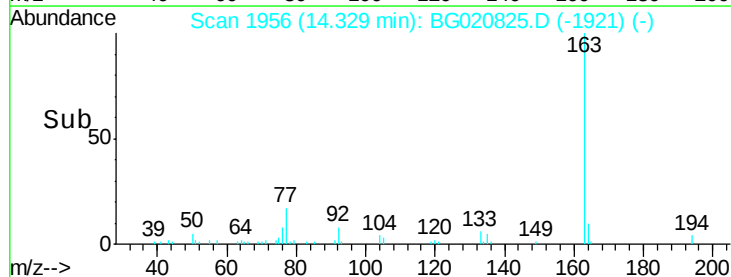
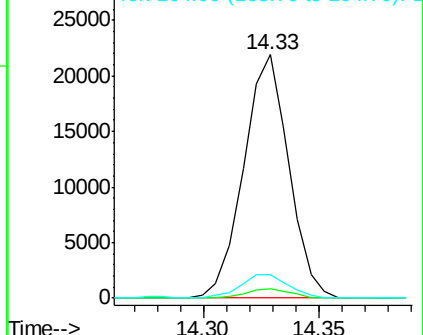
164 9.8 7.7 11.5

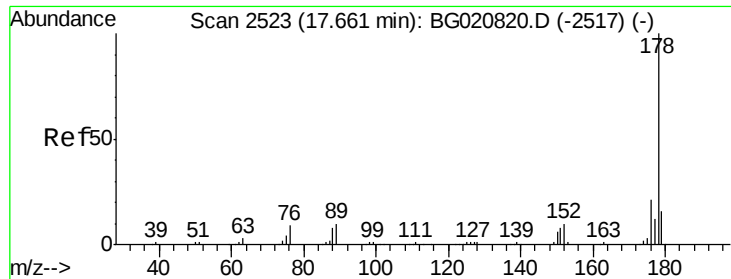


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 3.03 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Instrument :

BNA_G

ClientSampleId :

C04J2

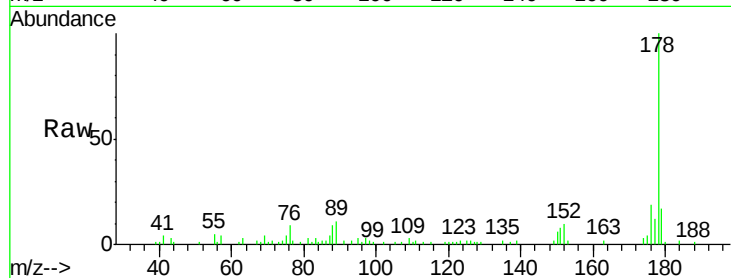
Tgt Ion:178 Resp: 24307

Ion Ratio Lower Upper

178 100

179 17.3 12.6 19.0

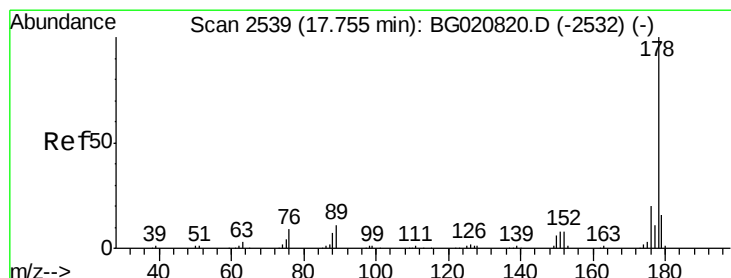
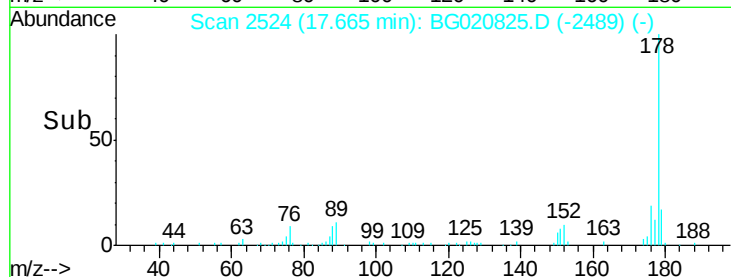
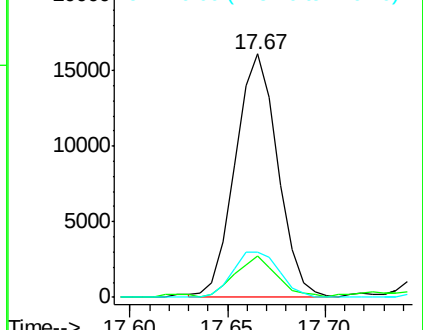
176 18.5 16.0 24.0



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



#72

Anthracene

Concen: 3.01 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. -0.09 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

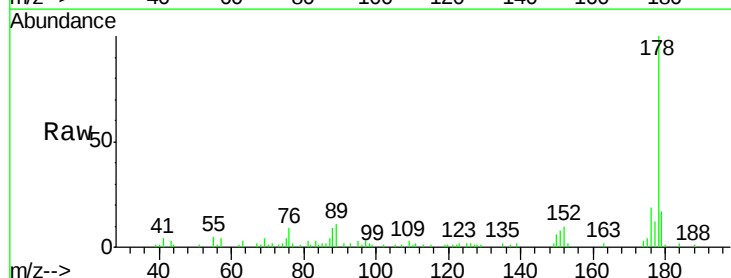
Tgt Ion:178 Resp: 24307

Ion Ratio Lower Upper

178 100

179 17.3 12.1 18.1

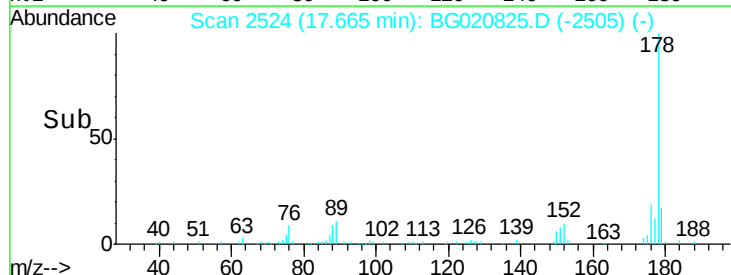
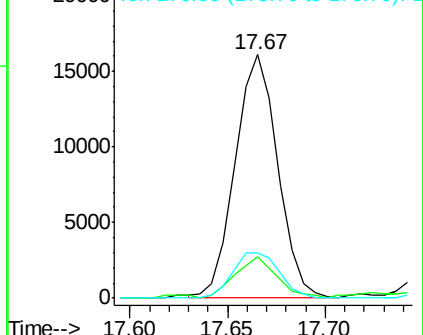
176 18.5 15.5 23.3

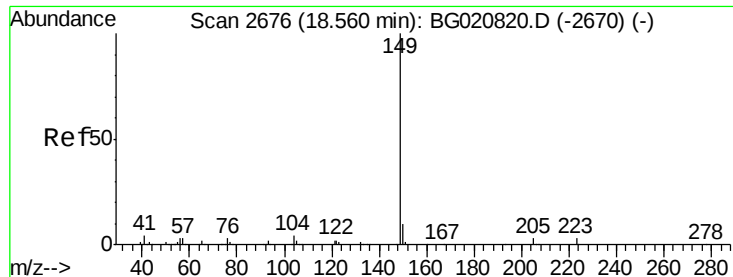


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

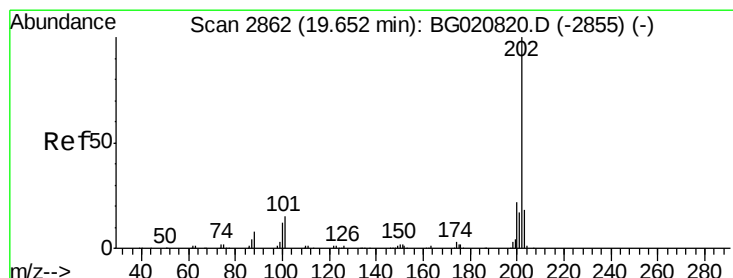
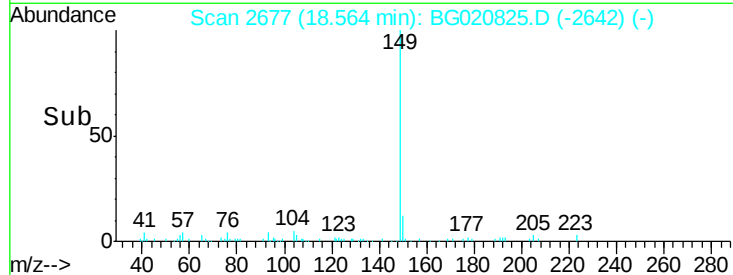
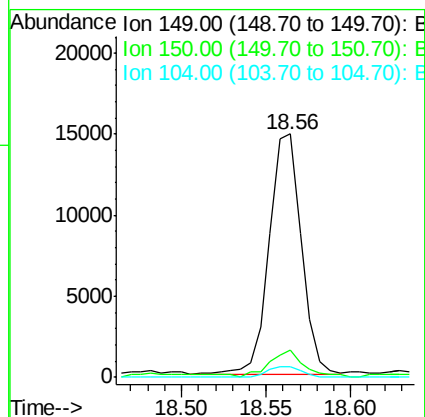
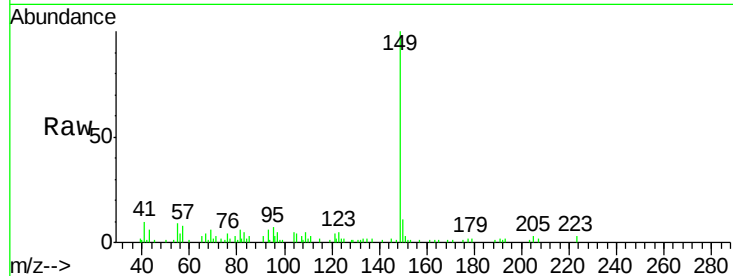




#76
Di-n-butylphthalate
Concen: 2.13 ng/ul
RT: 18.56 min Scan# 2677
Delta R.T. 0.00 min
Lab File: BG020825.D
Acq: 9 Feb 2016 20:03

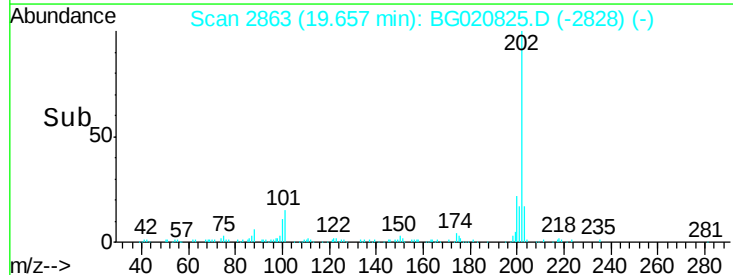
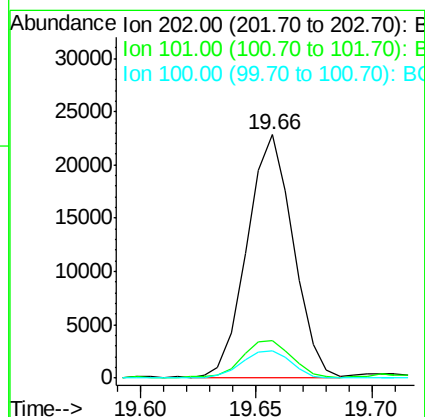
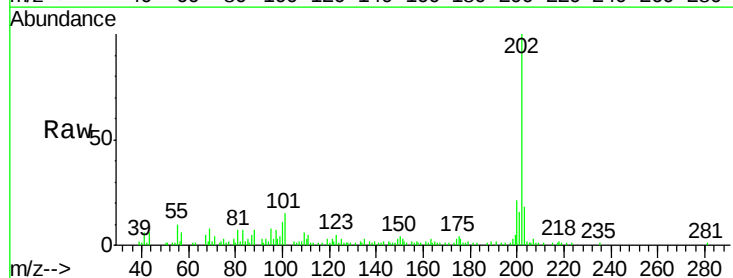
Instrument :
BNA_G
ClientSampleId :
C04J2

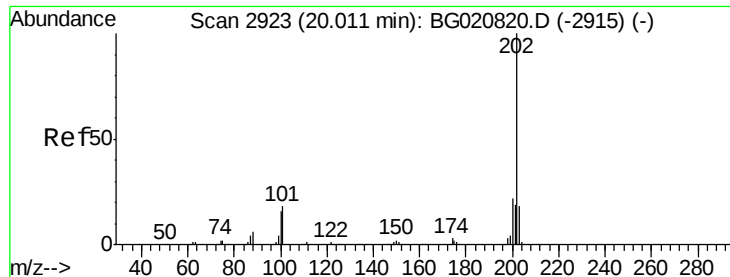
Tgt Ion:149 Resp: 19396
Ion Ratio Lower Upper
149 100
150 11.3 7.3 10.9#
104 4.6 3.2 4.8



#77
Fluoranthene
Concen: 3.85 ng/ul
RT: 19.66 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BG020825.D
Acq: 9 Feb 2016 20:03

Tgt Ion:202 Resp: 31948
Ion Ratio Lower Upper
202 100
101 15.4 12.5 18.7
100 11.2 9.9 14.9

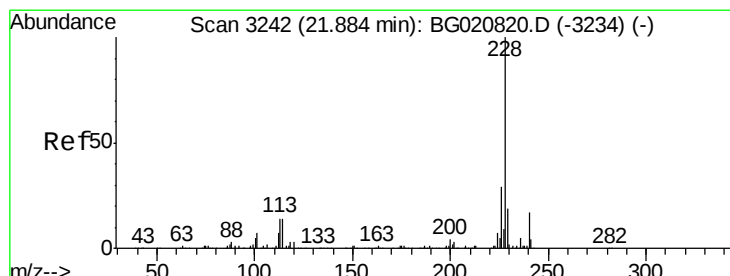
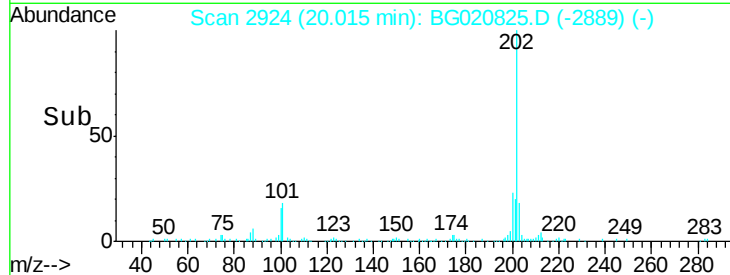
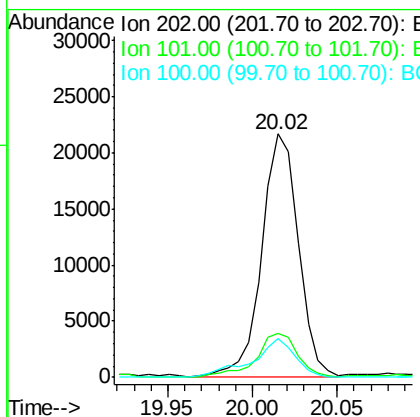
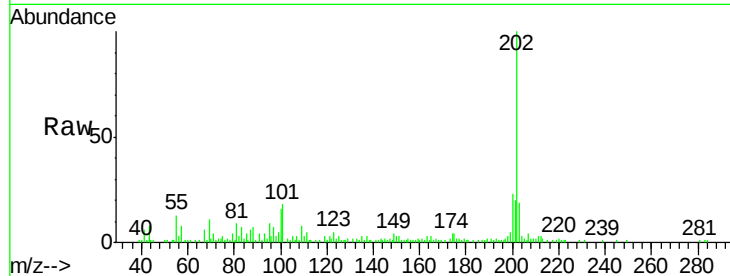




#80
 Pyrene
 Concen: 4.12 ng/ul
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG020825.D
 Acq: 9 Feb 2016 20:03

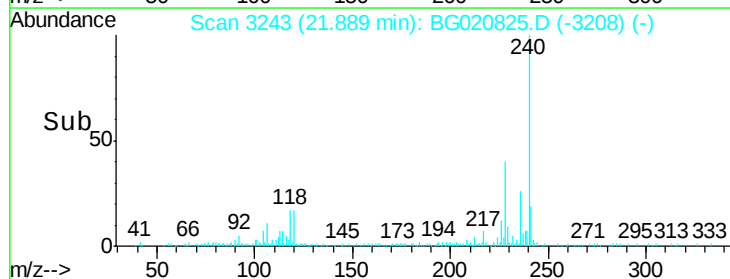
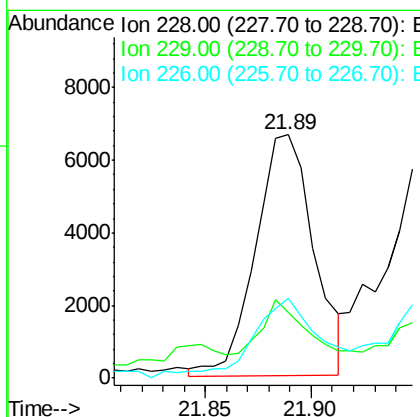
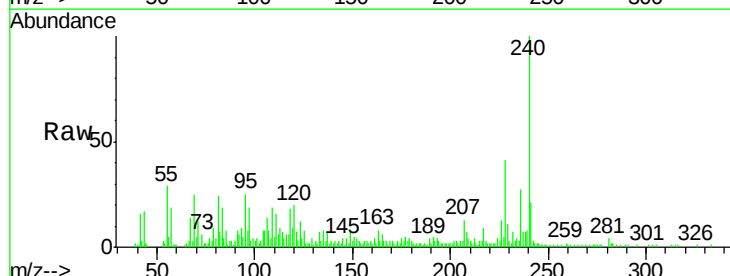
Instrument :
 BNA_G
 ClientSampled :
 C04J2

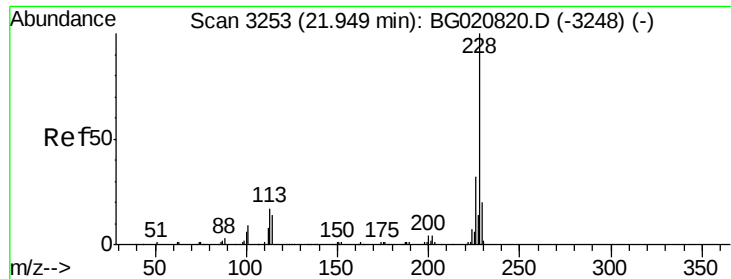
Tgt Ion:	202	Resp:	32628
Ion	Ratio	Lower	Upper
202	100		
101	18.3	13.5	20.3
100	15.7	11.7	17.5



#83
 Benzo(a)anthracene
 Concen: 1.78 ng/ul
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG020825.D
 Acq: 9 Feb 2016 20:03

Tgt Ion:	228	Resp:	12696
Ion	Ratio	Lower	Upper
228	100		
229	26.9	14.8	22.2#
226	33.0	23.0	34.4





#85

Chrysene

Concen: 2.12 ng/ul

RT: 21.95 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Instrument :

BNA_G

ClientSampleId :

C04J2

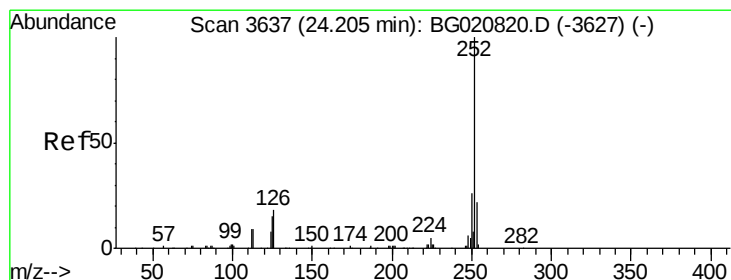
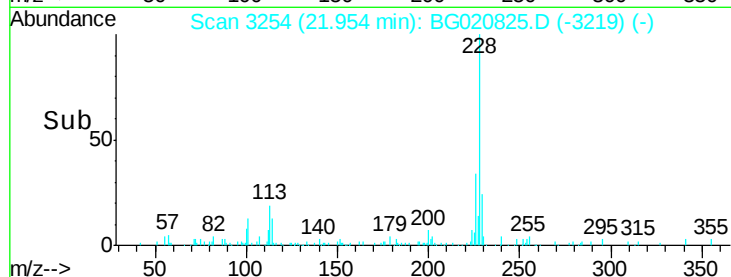
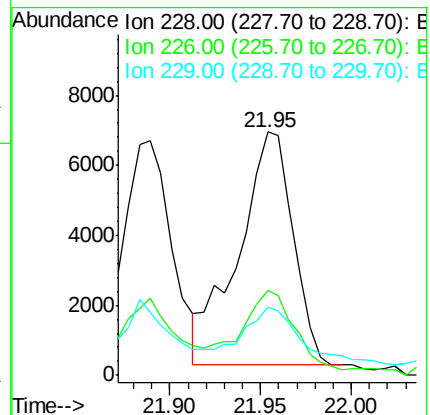
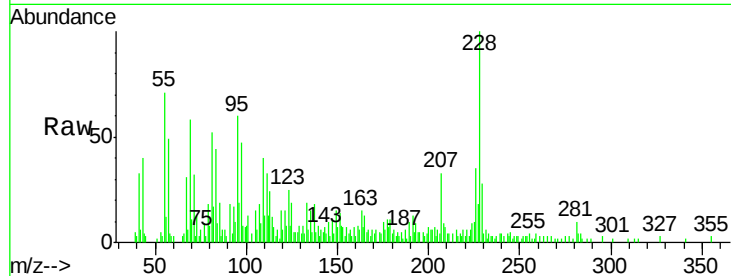
Tgt Ion:228 Resp: 13952

Ion Ratio Lower Upper

228 100

226 34.9 24.4 36.6

229 28.0 15.8 23.6#



#88

Benzo(b)fluoranthene

Concen: 2.52 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

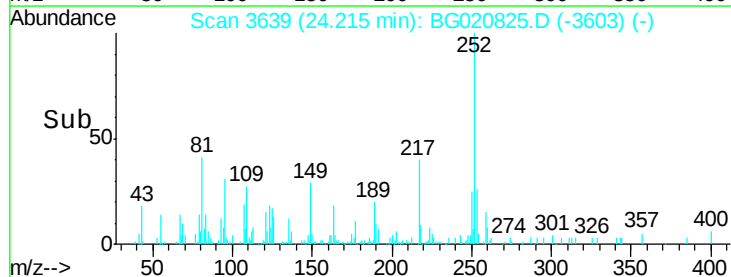
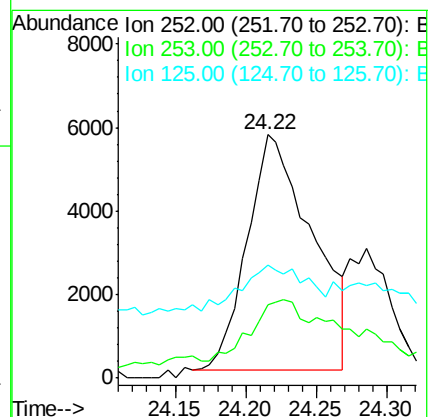
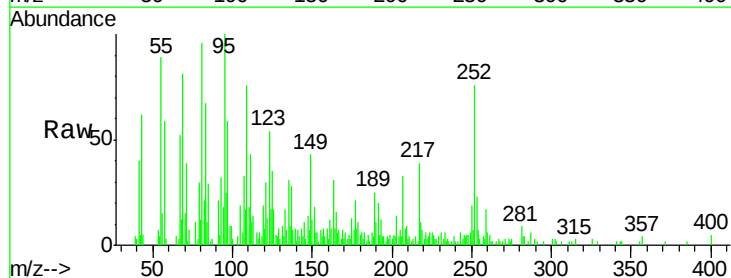
Tgt Ion:252 Resp: 18144

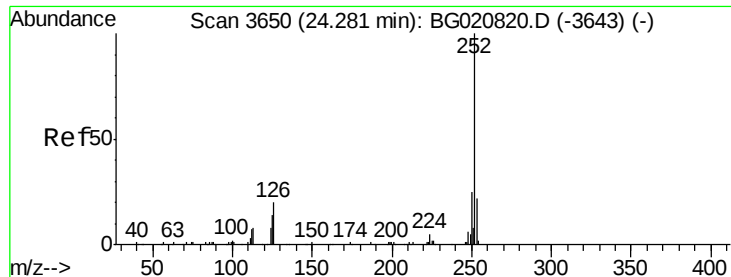
Ion Ratio Lower Upper

252 100

253 30.3 17.1 25.7#

125 46.6 12.5 18.7#





#89

Benzo(k)fluoranthene

Concen: 2.64 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. -0.07 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Instrument :

BNA_G

ClientSampleId :

C04J2

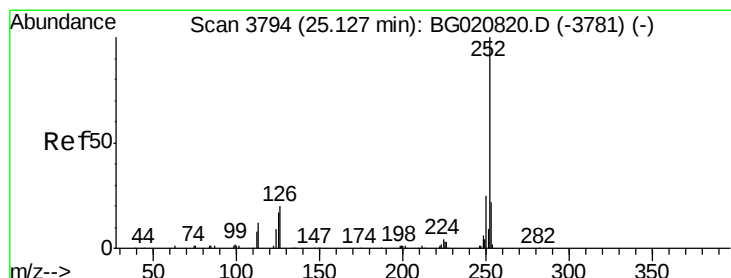
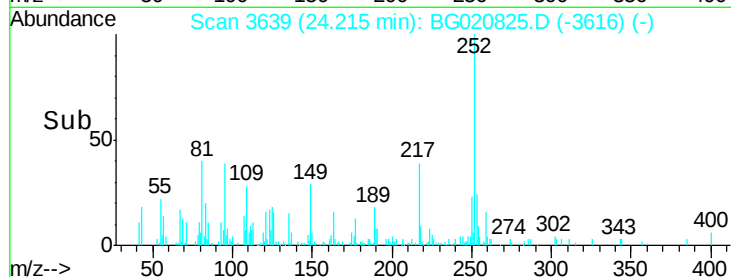
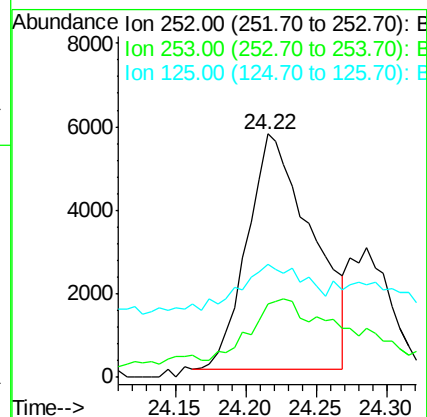
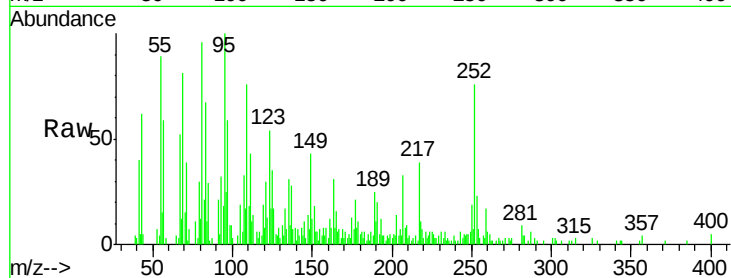
Tgt Ion:252 Resp: 18144

Ion Ratio Lower Upper

252 100

253 30.3 17.1 25.7#

125 46.6 12.1 18.1#



#91

Benzo(a)pyrene

Concen: 1.86 ng/ul

RT: 25.14 min Scan# 3797

Delta R.T. 0.02 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

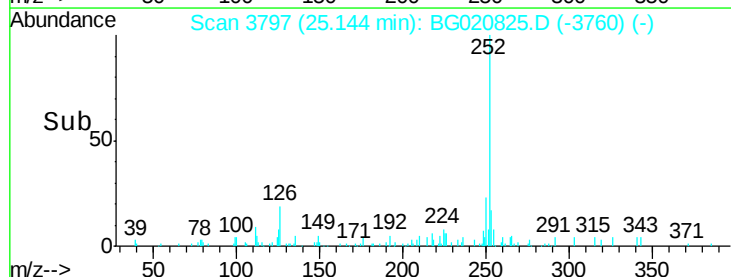
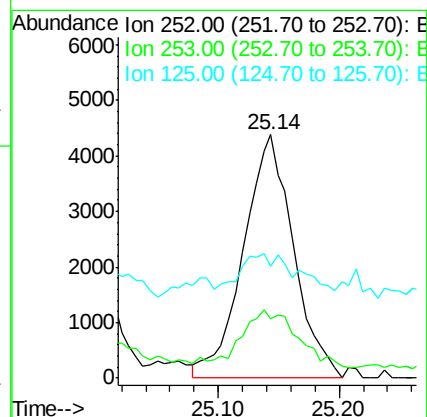
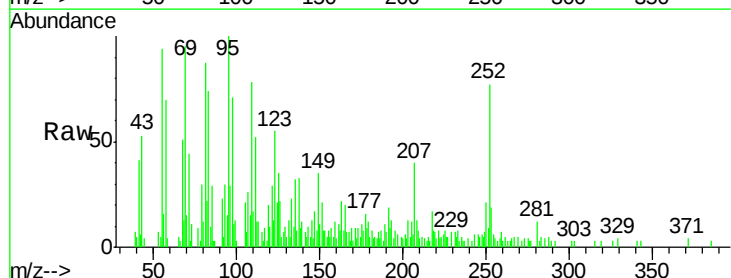
Tgt Ion:252 Resp: 12626

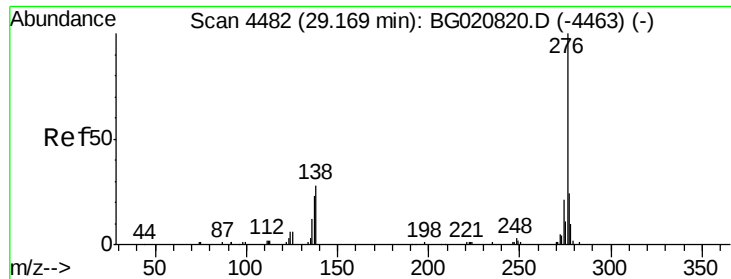
Ion Ratio Lower Upper

252 100

253 24.5 17.3 25.9

125 45.9 14.2 21.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul

RT: 29.20 min Scan# 4487

Delta R.T. 0.03 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Instrument :

BNA_G

ClientSampled :

C04J2

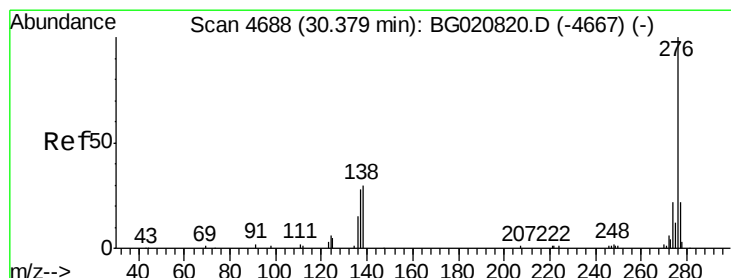
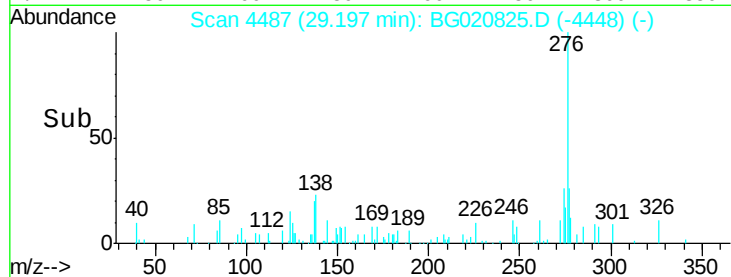
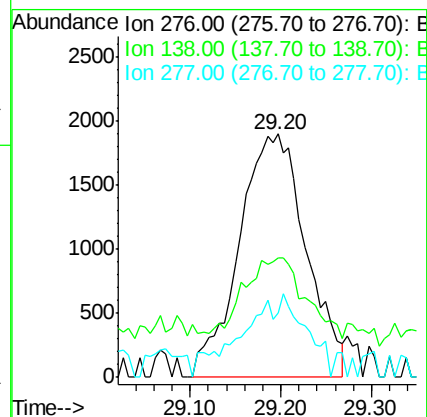
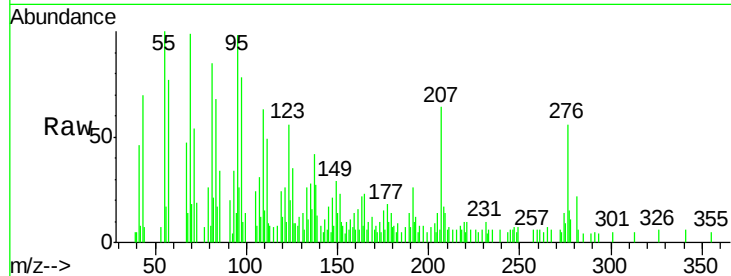
Tgt Ion:276 Resp: 9752

Ion Ratio Lower Upper

276 100

138 49.1 22.4 33.6#

277 26.2 18.5 27.7



#94

Benzo(g,h,i)perylene

Concen: 1.40 ng/ul

RT: 30.41 min Scan# 4694

Delta R.T. 0.03 min

Lab File: BG020825.D

Acq: 9 Feb 2016 20:03

Tgt Ion:276 Resp: 8981

Ion Ratio Lower Upper

276 100

138 43.9 24.4 36.6#

277 28.9 18.7 28.1#

