

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020916\
 Data File : BG020826.D
 Acq On : 9 Feb 2016 20:43
 Operator : SJ/UM
 Sample : H1371-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L0

Quant Time: Feb 10 00:40:50 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	22482	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	113481	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	64351	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	121513	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	104859	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	100295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1307	2.82	ng/uL	0.00
5) Phenol-d5	7.41	99	31329	13.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	17664	14.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	26760	15.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	25860	13.06	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	13813	15.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	14442	15.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	26899	15.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	36582	15.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	86574	15.63	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	111123	16.43	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	12804	11.55	ng/ul	0.00
58) Fluorene-d10	15.87	176	75449	16.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	6009	10.20	ng/ul	0.00
71) Anthracene-d10	17.72	188	104458	17.40	ng/ul	0.00
79) Pyrene-d10	19.99	212	97581	18.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	99344	17.87	ng/ul	0.00

Target Compounds

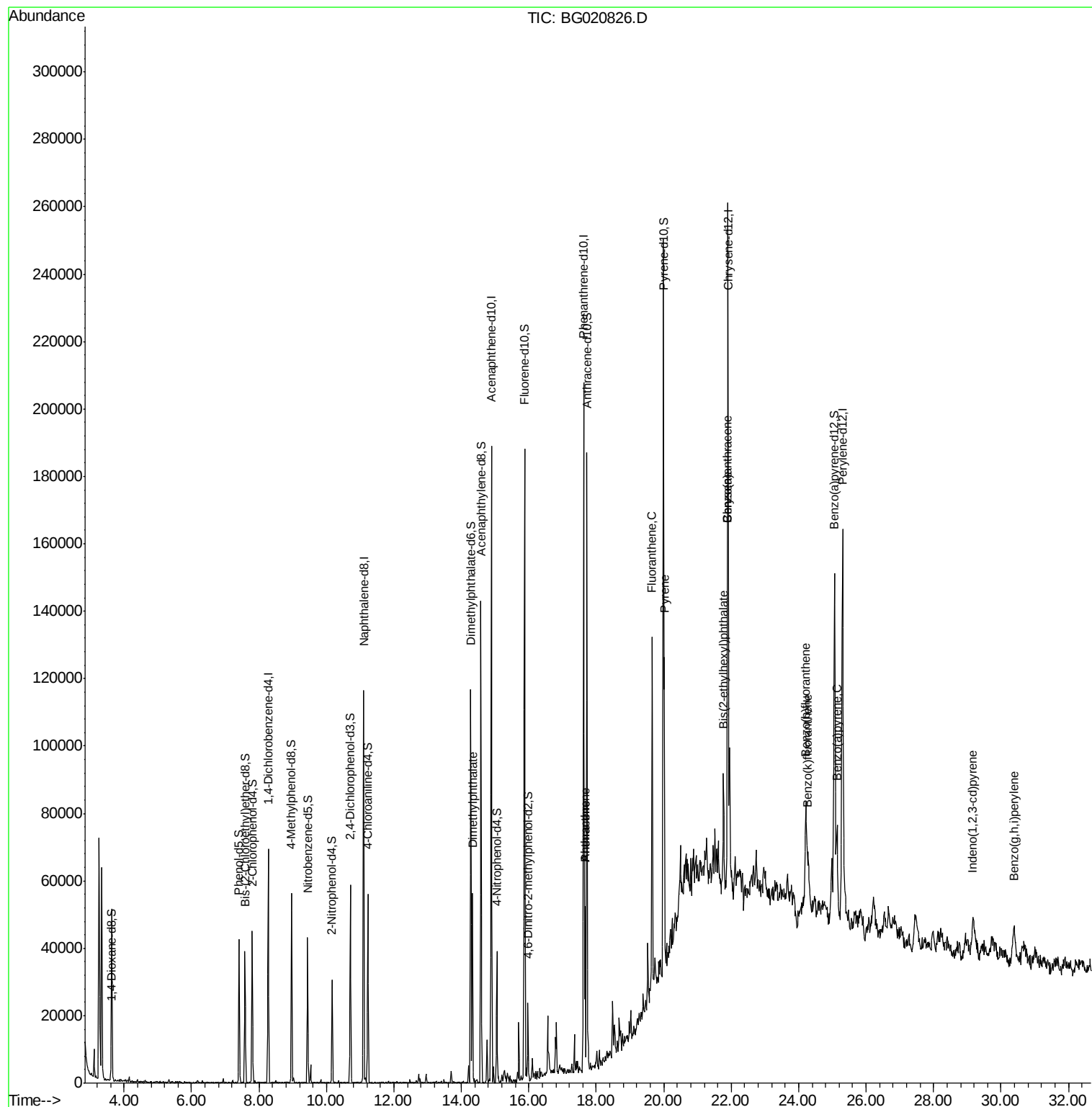
						Qvalue
45) Dimethylphthalate	14.33	163	39602	6.87	ng/ul	97
70) Phenanthrene	17.66	178	28780	3.76	ng/ul	98
72) Anthracene	17.66	178	28780	3.73	ng/ul	97
77) Fluoranthene	19.66	202	59784	7.54	ng/ul	98
80) Pyrene	20.01	202	53017	7.00	ng/ul	99
83) Benzo(a)anthracene	21.88	228	23547	3.44	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	15283	2.87	ng/ul#	99
85) Chrysene	21.88	228	23547	3.74	ng/ul	98
88) Benzo(b)fluoranthene	24.22	252	31403	4.60	ng/ul#	95
89) Benzo(k)fluoranthene	24.27	252	11113	1.70	ng/ul#	88
91) Benzo(a)pyrene	25.13	252	18561	2.87	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.17	276	7722	1.04	ng/ul#	88
94) Benzo(g,h,i)perylene	30.39	276	13183	2.16	ng/ul	97

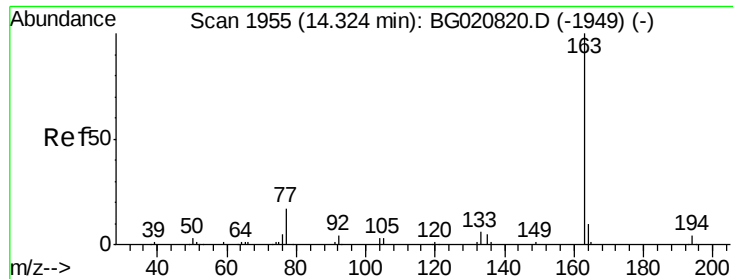
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.87 ng/ul

RT: 14.33 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

C04L0

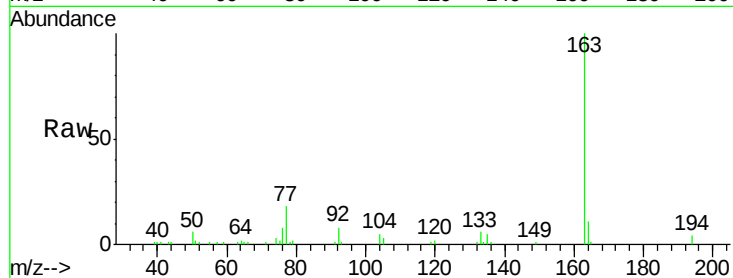
Tgt Ion:163 Resp: 39602

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

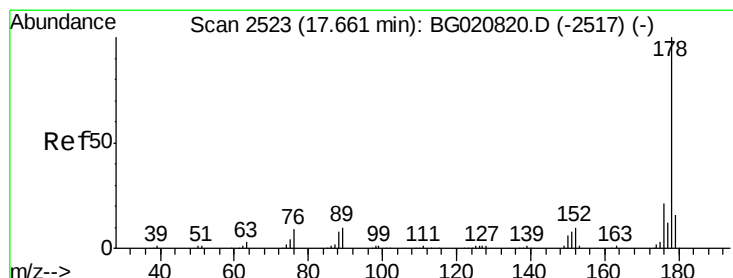
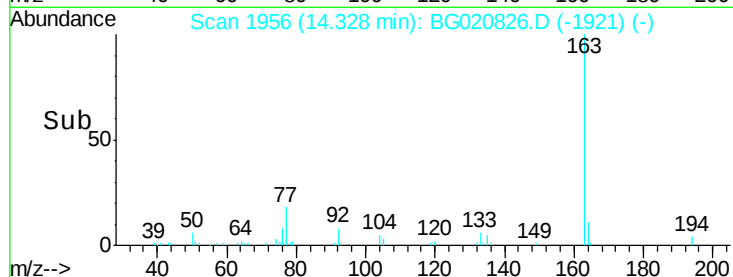
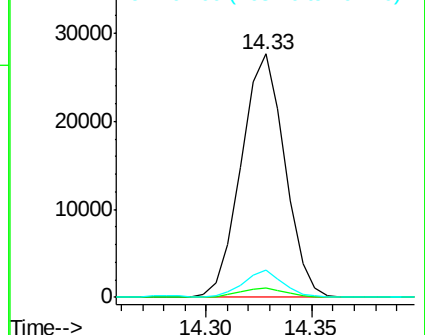
164 11.0 7.7 11.5



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: 3.76 ng/ul

RT: 17.66 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

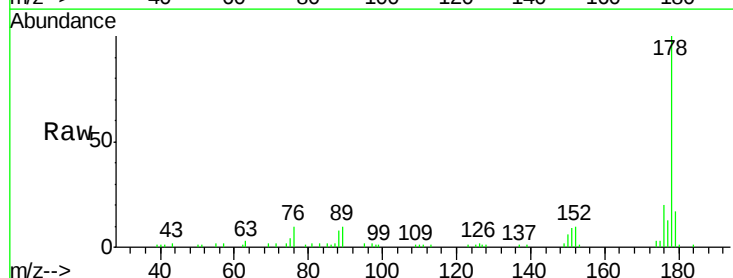
Tgt Ion:178 Resp: 28780

Ion Ratio Lower Upper

178 100

179 17.4 12.6 19.0

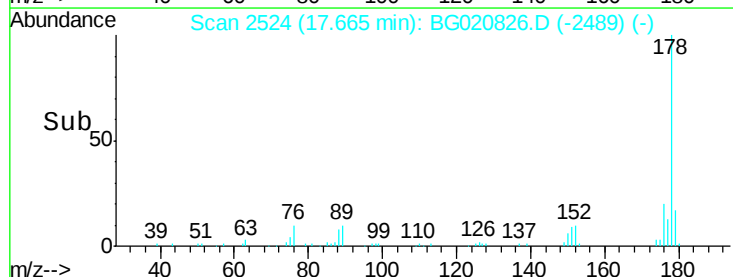
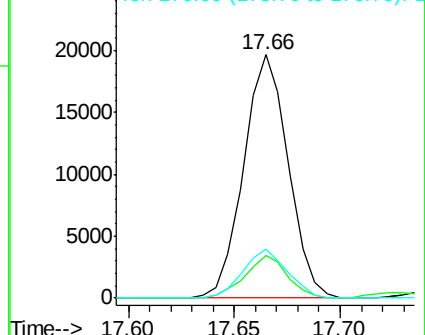
176 20.0 16.0 24.0

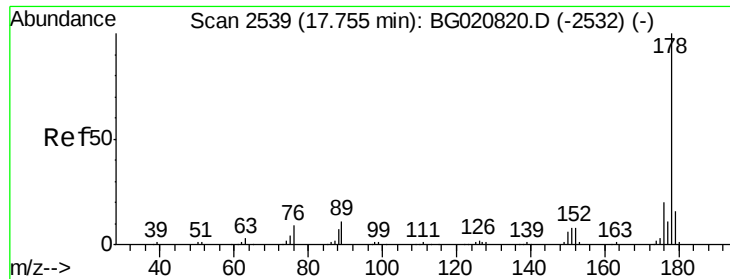


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.73 ng/ul

RT: 17.66 min Scan# 2524

Delta R.T. -0.09 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

C04L0

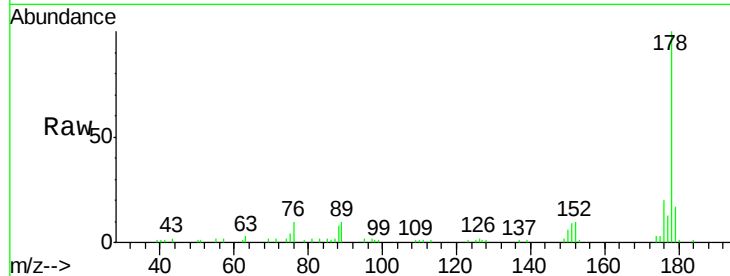
Tgt Ion:178 Resp: 28780

Ion Ratio Lower Upper

178 100

179 17.4 12.1 18.1

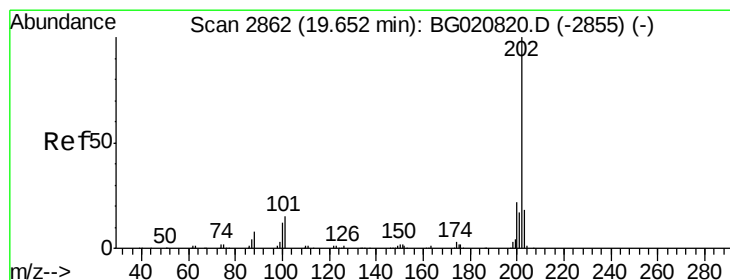
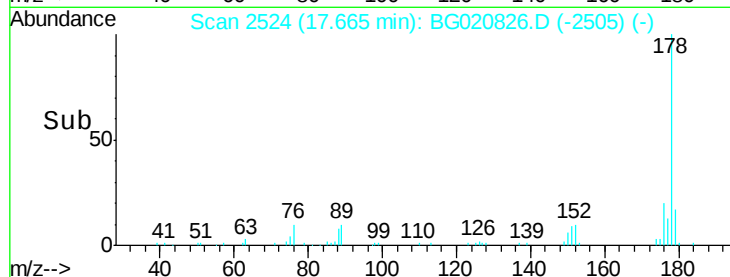
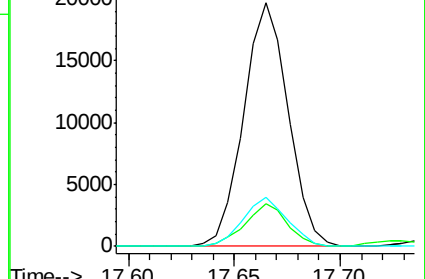
176 20.0 15.5 23.3



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



#77

Fluoranthene

Concen: 7.54 ng/ul

RT: 19.66 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

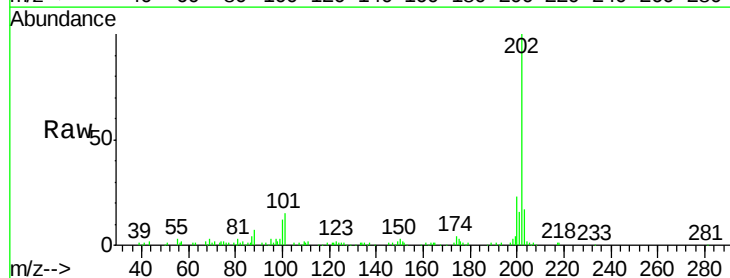
Tgt Ion:202 Resp: 59784

Ion Ratio Lower Upper

202 100

101 14.7 12.5 18.7

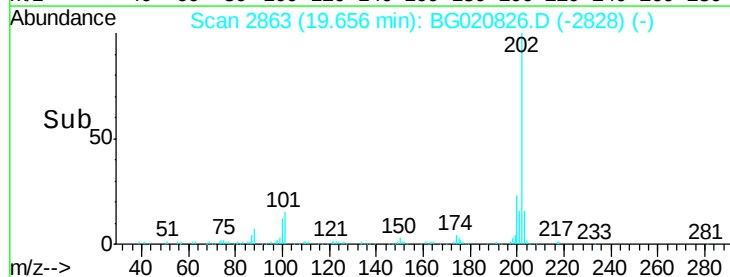
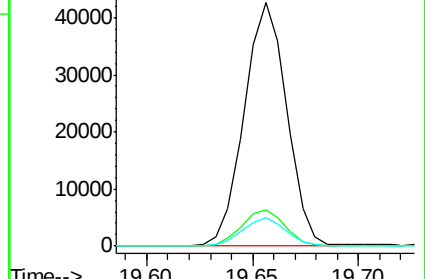
100 11.9 9.9 14.9

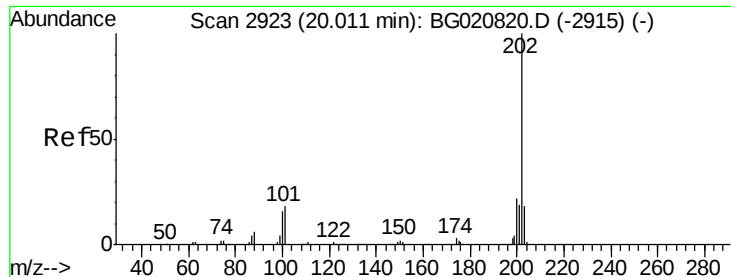


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

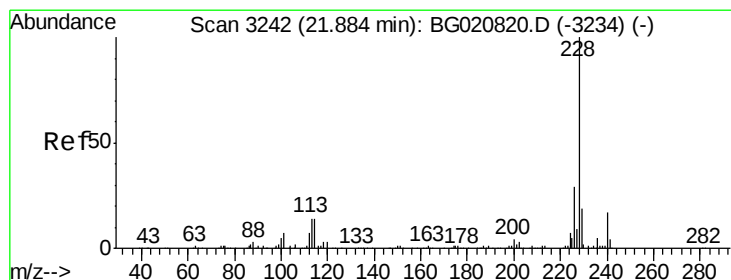
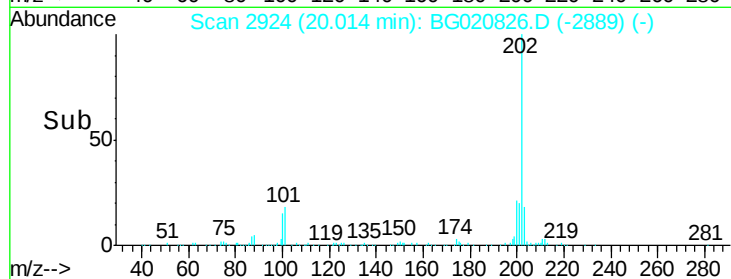
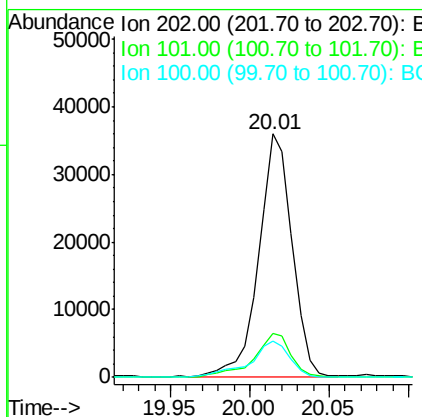
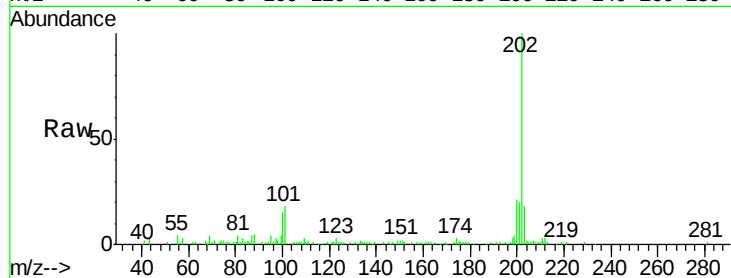




#80
 Pyrene
 Concen: 7.00 ng/ul
 RT: 20.01 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG020826.D
 Acq: 9 Feb 2016 20:43

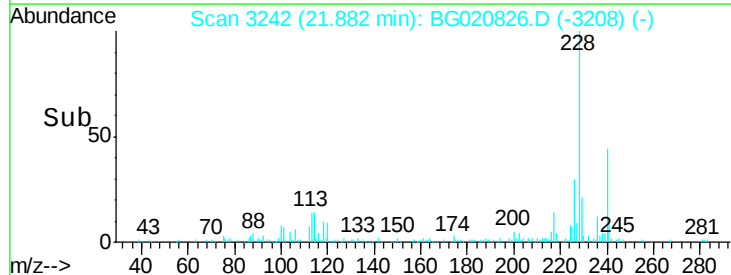
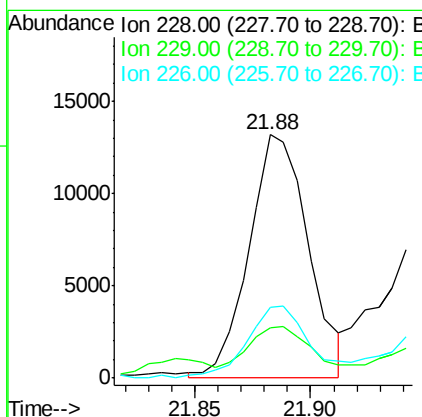
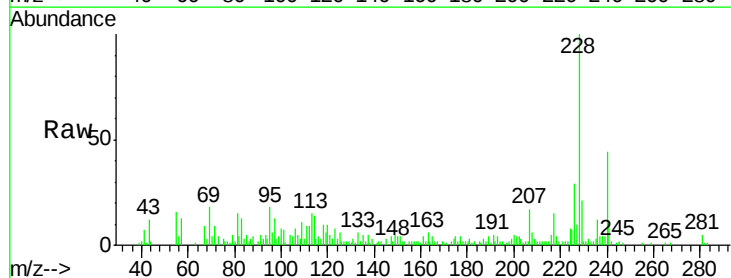
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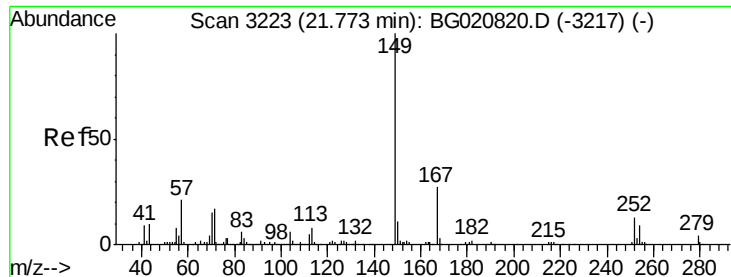
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.8	13.5	20.3
100	14.9	11.7	17.5



#83
 Benzo(a)anthracene
 Concen: 3.44 ng/ul
 RT: 21.88 min Scan# 3242
 Delta R.T. -0.00 min
 Lab File: BG020826.D
 Acq: 9 Feb 2016 20:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	14.8	22.2
226	29.3	23.0	34.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.87 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

C04L0

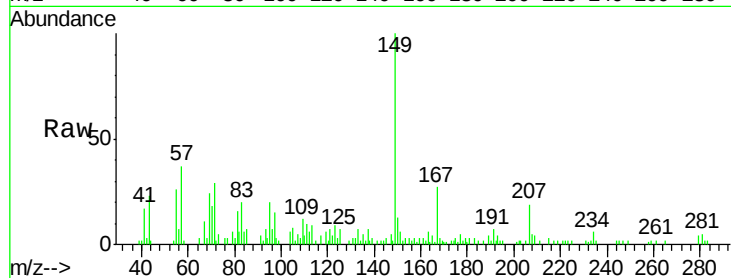
Tgt Ion:149 Resp: 15283

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

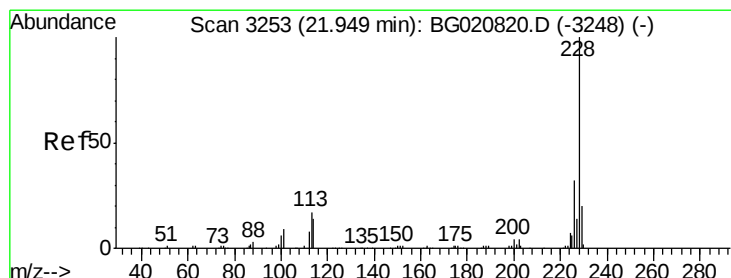
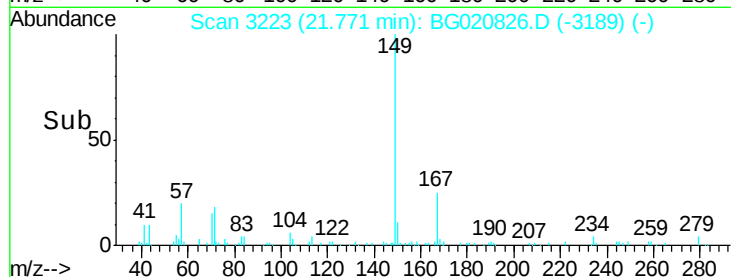
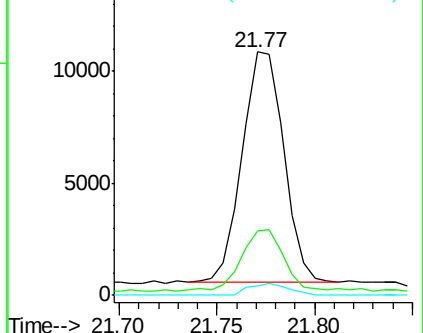
279 3.7 2.5 3.7#



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



#85

Chrysene

Concen: 3.74 ng/ul

RT: 21.88 min Scan# 3242

Delta R.T. -0.07 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

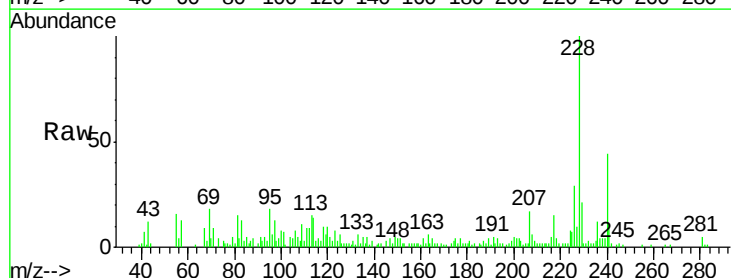
Tgt Ion:228 Resp: 23547

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

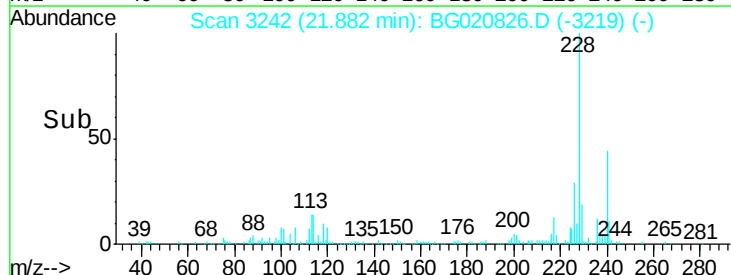
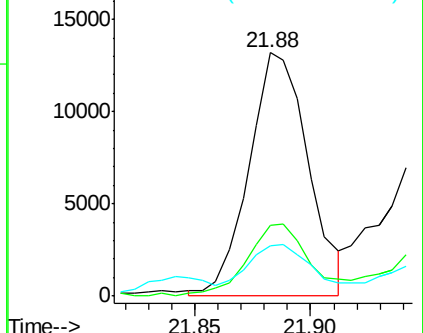
229 20.9 15.8 23.6

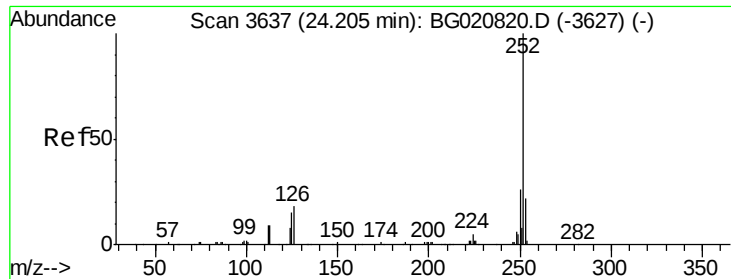


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

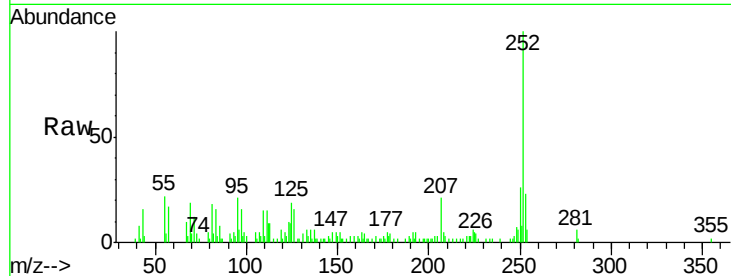




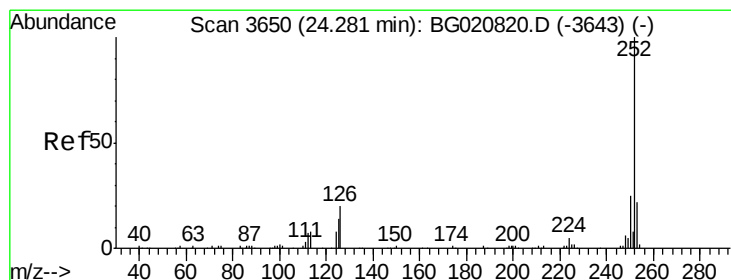
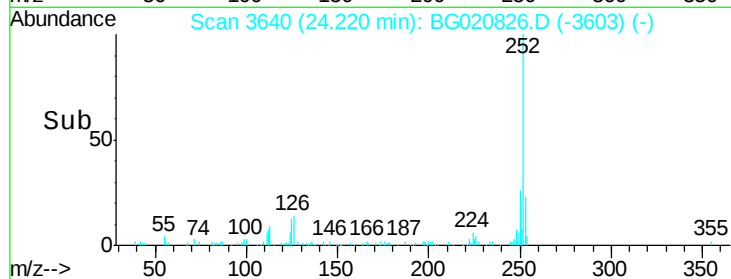
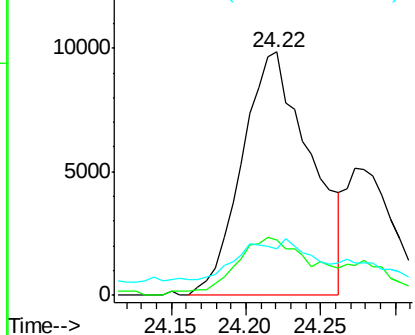
#88
 Benzo(b)fluoranthene
 Concen: 4.60 ng/u1
 RT: 24.22 min Scan# 3640
 Delta R.T. 0.02 min
 Lab File: BG020826.D
 Acq: 9 Feb 2016 20:43

Instrument :
 BNA_G
 ClientSampleId :
 C04L0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	19.2	12.5	18.7#

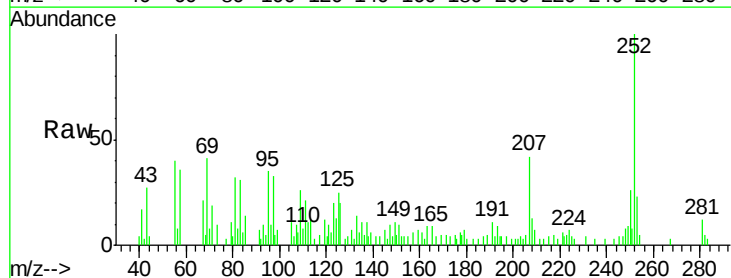


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

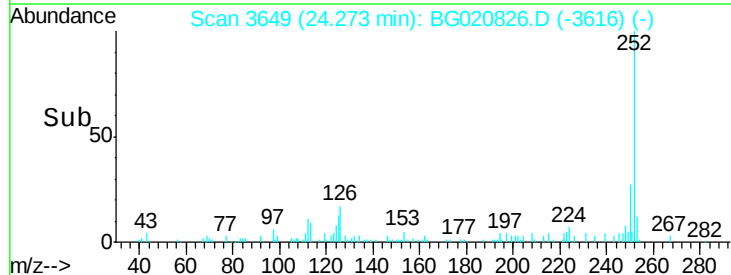
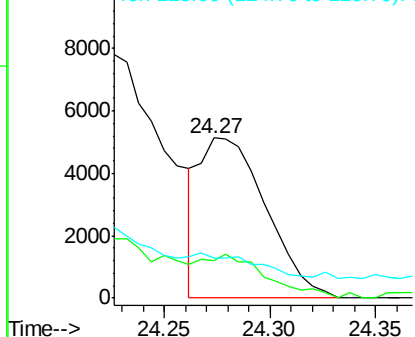


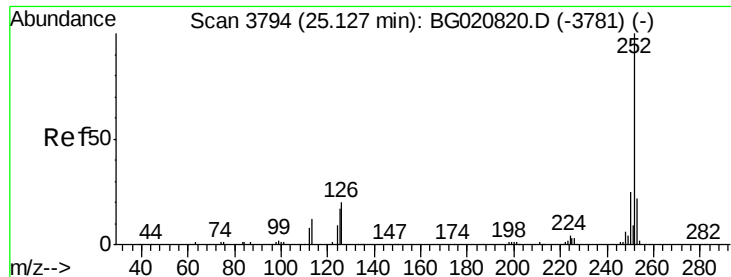
#89
 Benzo(k)fluoranthene
 Concen: 1.70 ng/u1
 RT: 24.27 min Scan# 3649
 Delta R.T. -0.01 min
 Lab File: BG020826.D
 Acq: 9 Feb 2016 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	25.1	12.1	18.1#



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





#91

Benzo(a)pyrene

Concen: 2.87 ng/ul

RT: 25.13 min Scan# 3795

Delta R.T. 0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

C04L0

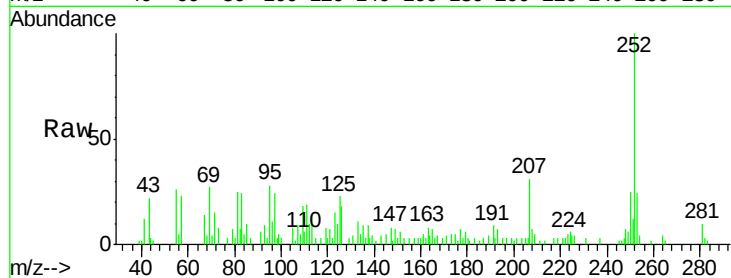
Tgt Ion:252 Resp: 18561

Ion Ratio Lower Upper

252 100

253 23.9 17.3 25.9

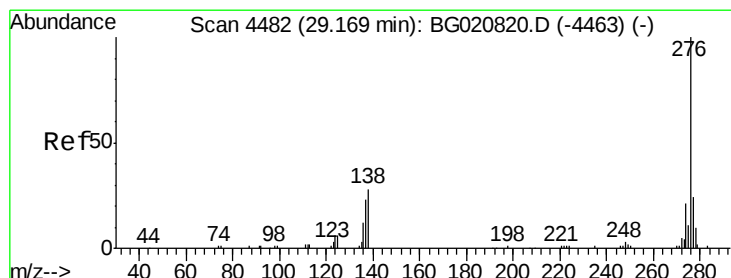
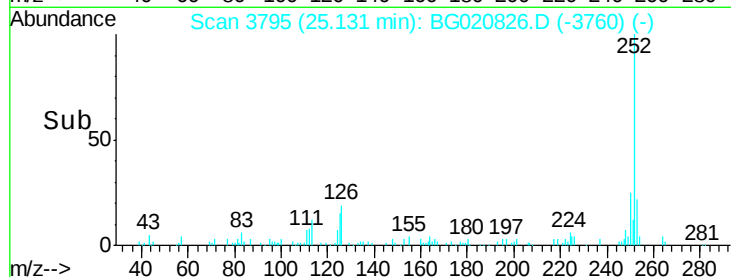
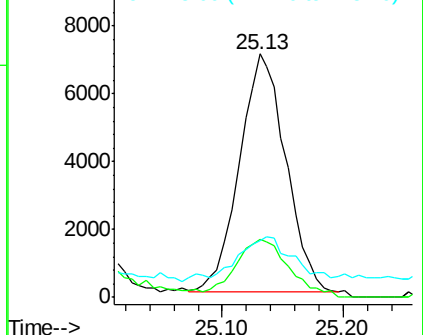
125 23.3 14.2 21.2#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.04 ng/ul

RT: 29.17 min Scan# 4482

Delta R.T. -0.00 min

Lab File: BG020826.D

Acq: 9 Feb 2016 20:43

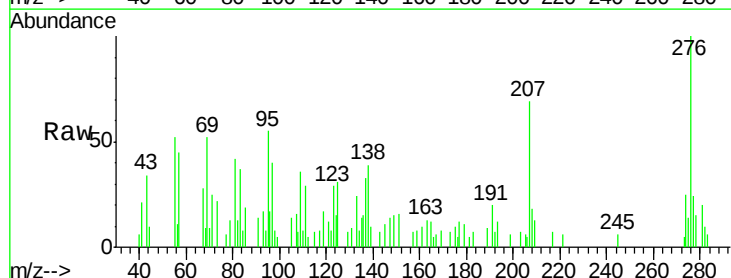
Tgt Ion:276 Resp: 7722

Ion Ratio Lower Upper

276 100

138 38.9 22.4 33.6#

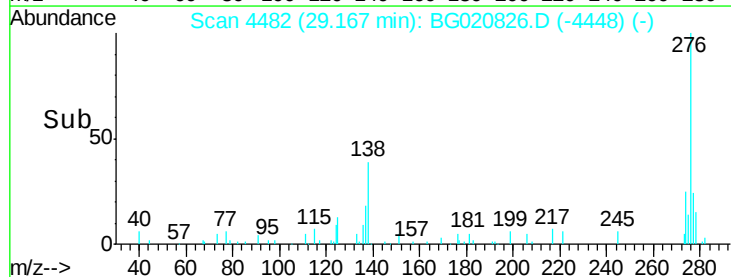
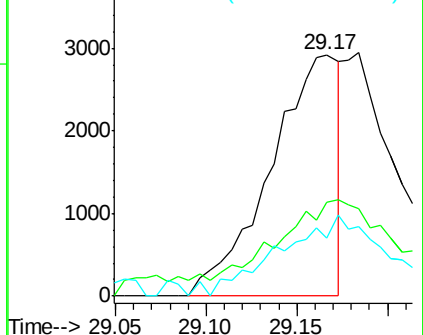
277 24.0 18.5 27.7

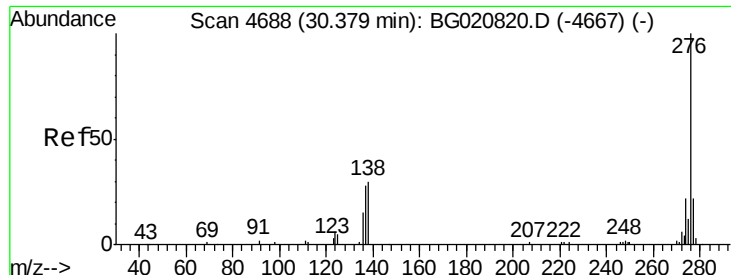


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(g,h,i)perylene

Concen: 2.16 ng/ul

RT: 30.39 min Scan# 4690

Delta R.T. 0.01 min

Lab File: BG020826.D

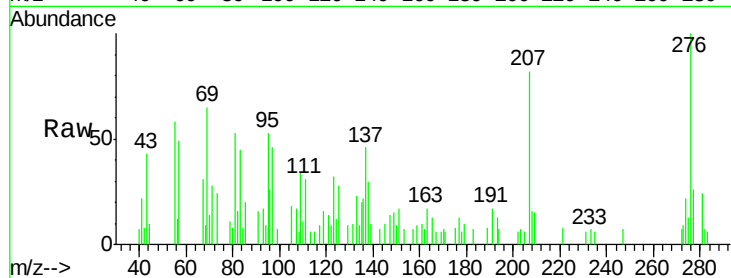
Acq: 9 Feb 2016 20:43

Instrument :

BNA_G

ClientSampleId :

C04L0



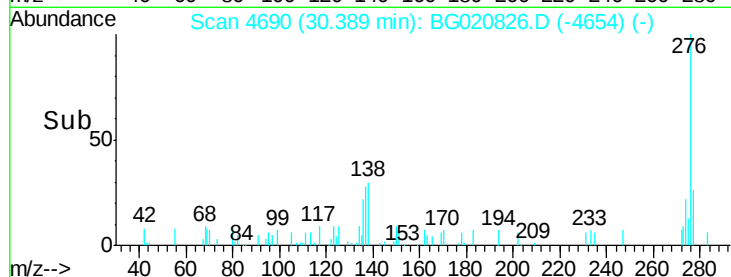
Tgt Ion: 276 Resp: 13183

Ion Ratio Lower Upper

276 100

138 29.8 24.4 36.6

277 26.2 18.7 28.1



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

