

Data File : BG025929.D
Acq On : 22 Feb 2017 7:09
Operator : SJ/MA
Sample : I1900-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABD6

Quant Time: Feb 22 07:46:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	142209	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	684061	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	398413	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	817984	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	818567	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	807562	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	659719	20.00	ng/ul	0.00
10) Fluorene-d10	15.68	176	473239	18.68	ng/ul	0.00
14) Anthracene-d10	17.52	188	669220	18.10	ng/ul	0.00
18) Pyrene-d10	19.80	212	718124	18.20	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	676210	18.92	ng/ul	0.00

Target Compounds				Qvalue		
9) Acenaphthene	14.75	153	31080	1.29	ng/ul	94
11) Fluorene	15.73	166	40920	1.44	ng/ul	99
13) Phenanthrene	17.46	178	1043442	23.92	ng/ul	96
15) Anthracene	17.55	178	272938	6.16	ng/ul	99
16) Fluoranthene	19.47	202	1864692	38.89	ng/ul	97
19) Pyrene	19.83	202	1345077	27.15	ng/ul#	95
20) Benzo(a)anthracene	21.66	228	764900	16.61	ng/ul	96
21) Chrysene	21.72	228	696506	15.83	ng/ul	97
23) Benzo(b)fluoranthene	23.88	252	809061	17.34	ng/ul#	97
24) Benzo(k)fluoranthene	23.88	252	809061	17.95	ng/ul#	97
26) Benzo(a)pyrene	24.74	252	499398	11.06	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	28.56	276	326345	6.17	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.60	278	85599	1.95	ng/ul#	87
29) Benzo(g,h,i)perylene	29.70	276	160658	3.68	ng/ul#	94

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

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ClientSampleId :

DABD6

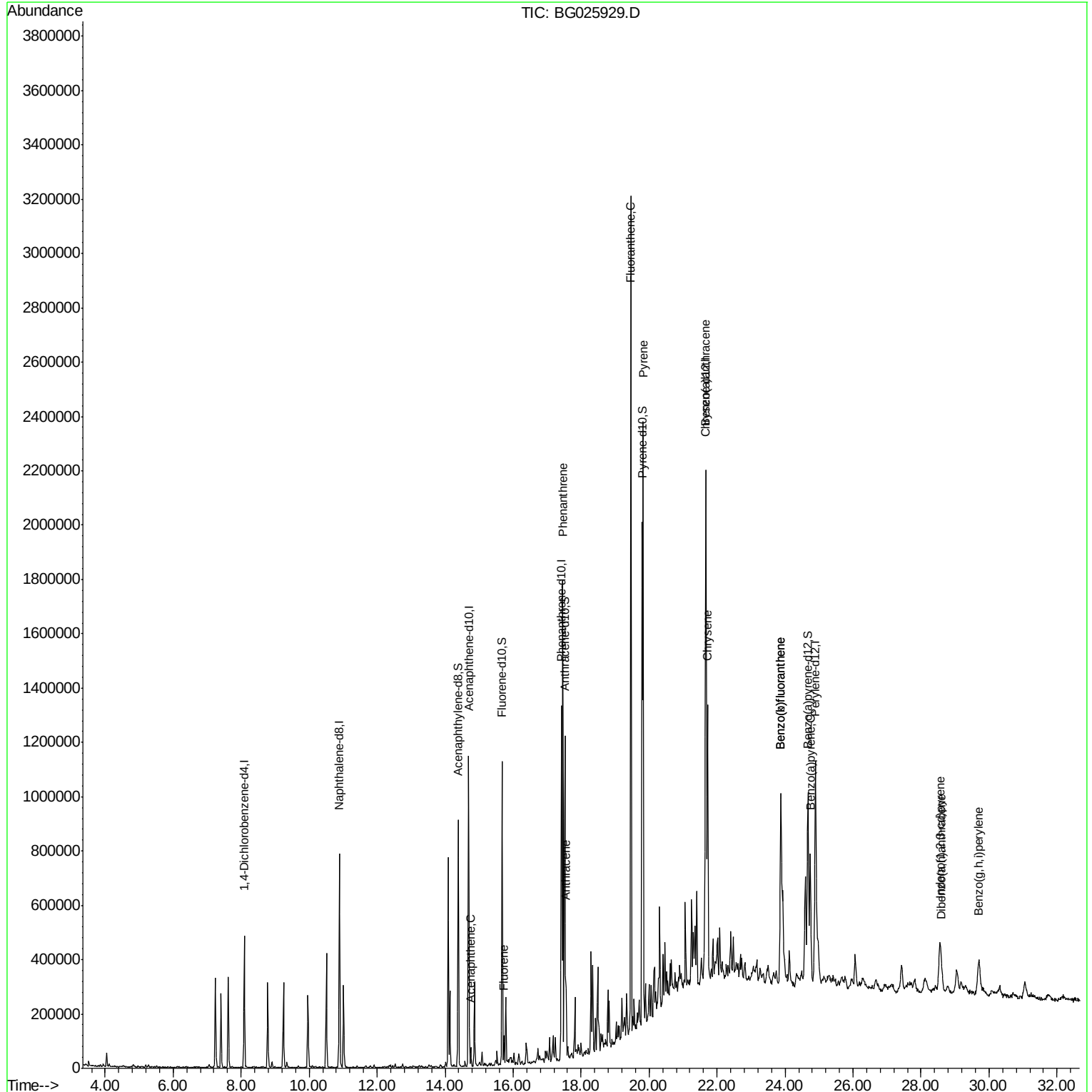
Quant Time: Feb 22 07:46:51 2017

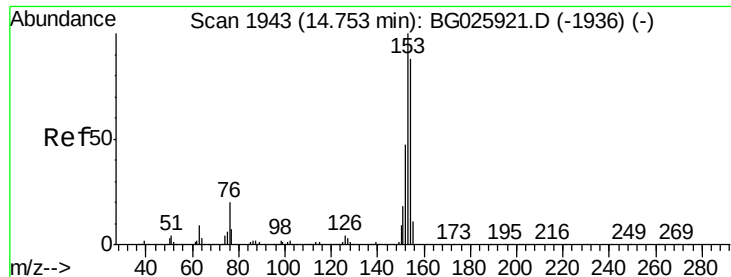
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 22 04:47:03 2017

Response via : Initial Calibration





#9

Acenaphthene

Concen: 1.29 ng/ul

RT: 14.75 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

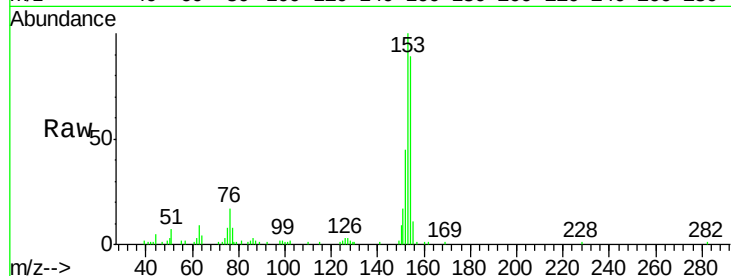
Instrument :

BNA_G

ClientSampleId :

DABD6

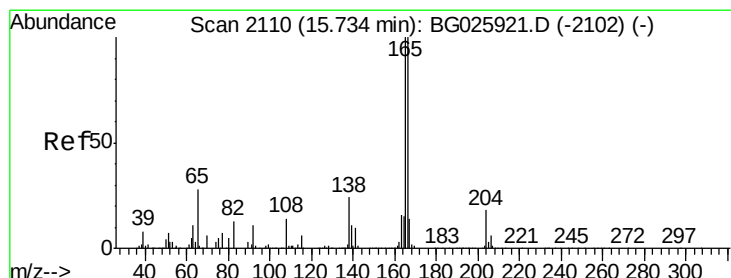
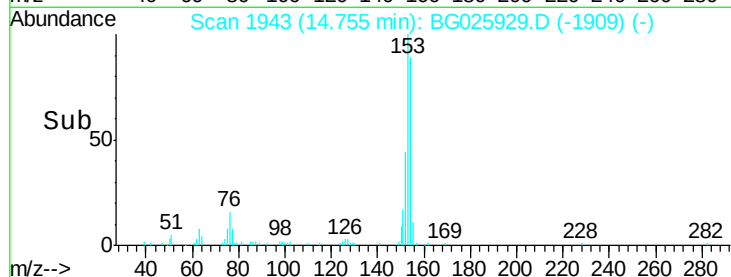
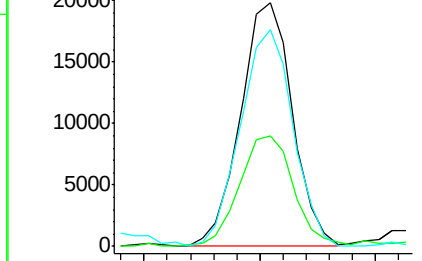
Tgt Ion:	153	Resp:	31080
Ion	Ratio	Lower	Upper
153	100		
152	45.1	39.0	58.6
154	89.0	66.8	100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.44 ng/ul

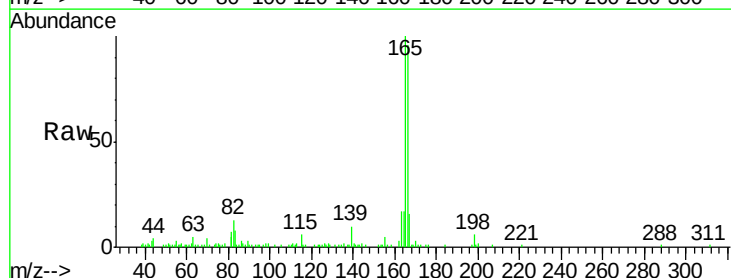
RT: 15.73 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

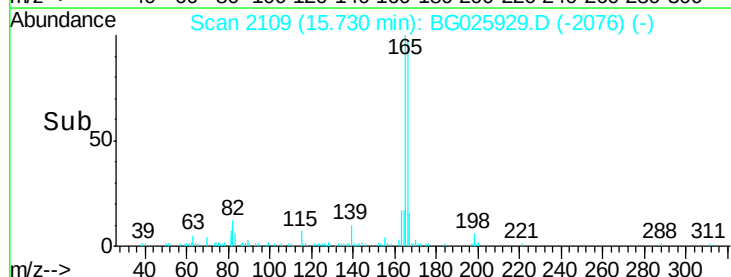
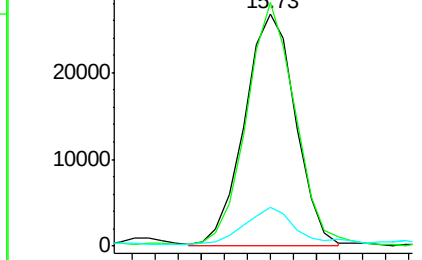
Tgt Ion:	166	Resp:	40920
Ion	Ratio	Lower	Upper
166	100		
165	104.7	83.8	125.8
167	16.5	11.5	17.3

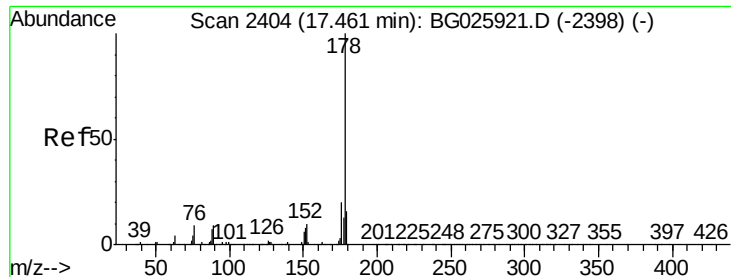


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Phenanthrene

Concen: 23.92 ng/ul

RT: 17.46 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

Instrument :

BNA_G

ClientSampleId :

DABD6

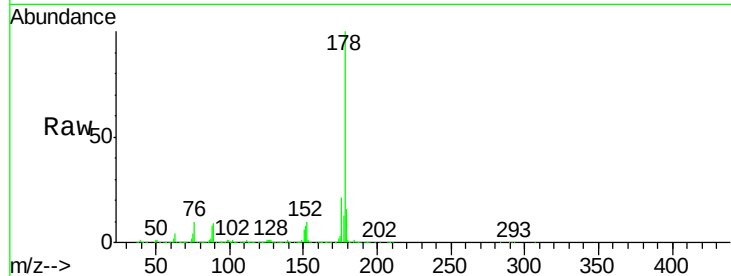
Tgt Ion:178 Resp: 1043442

Ion Ratio Lower Upper

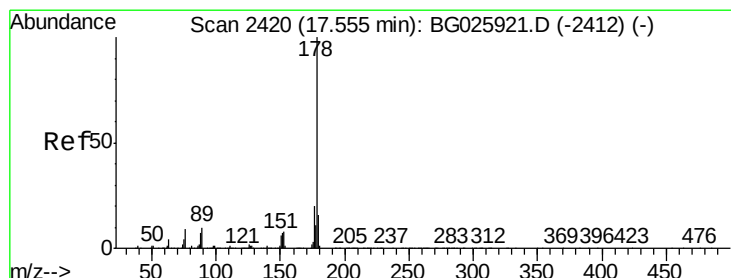
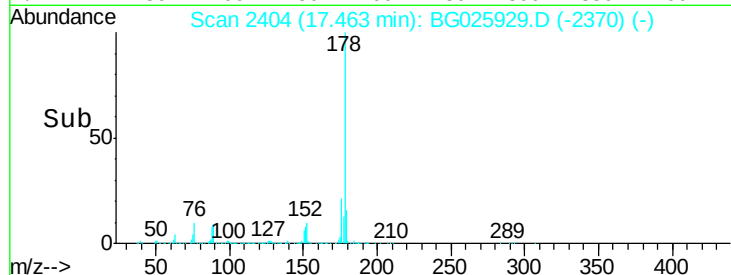
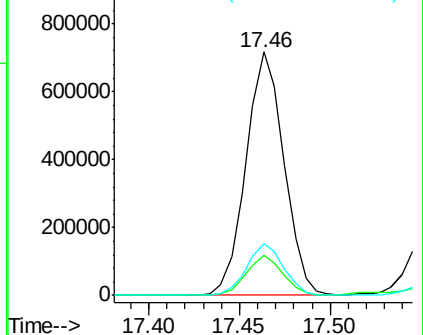
178 100

179 16.3 12.3 18.5

176 21.2 15.1 22.7



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



#15

Anthracene

Concen: 6.16 ng/ul

RT: 17.55 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

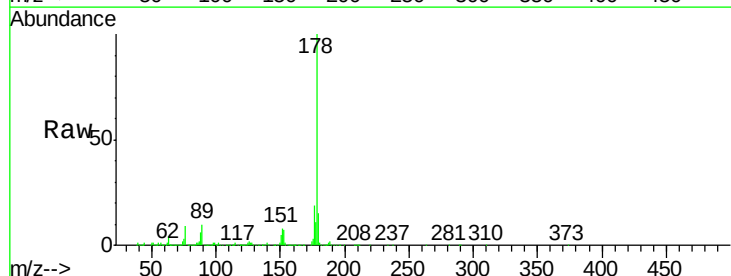
Tgt Ion:178 Resp: 272938

Ion Ratio Lower Upper

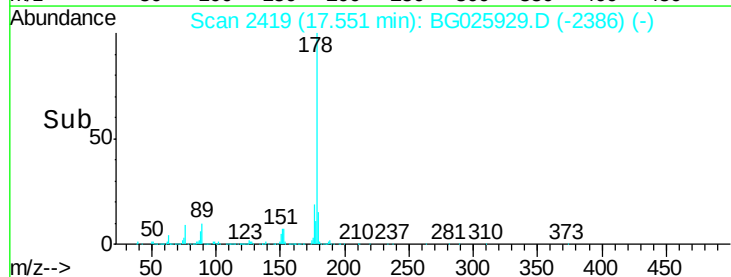
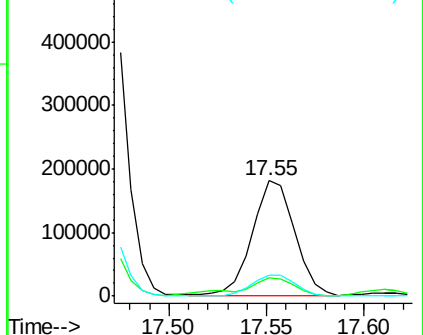
178 100

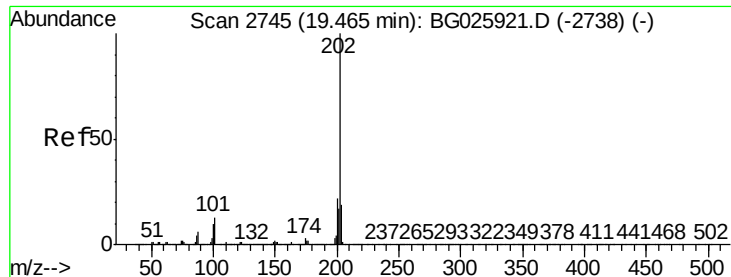
179 15.4 11.8 17.8

176 18.5 15.2 22.8



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

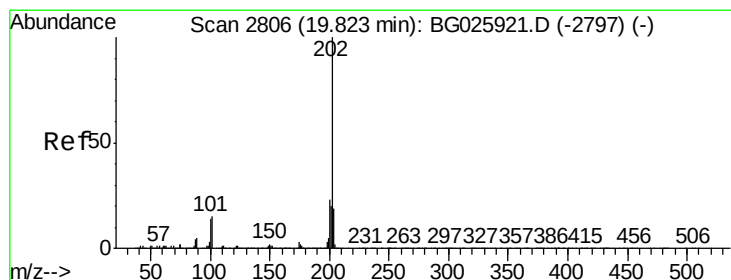
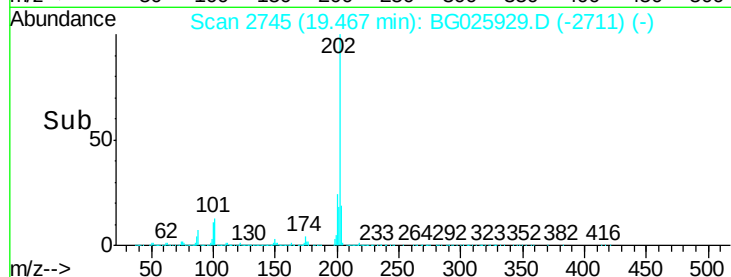
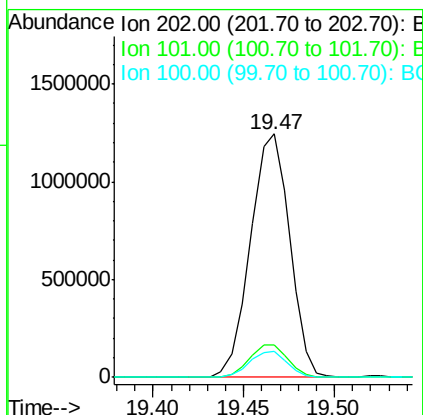
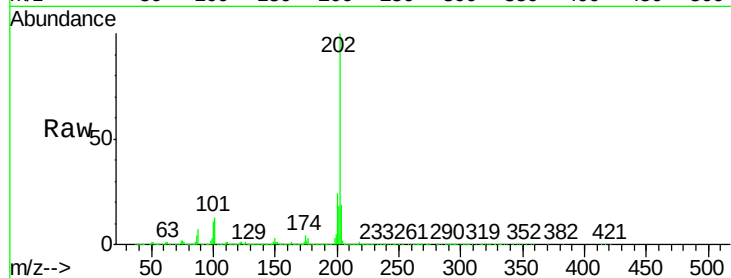




#16
Fluoranthene
Concen: 38.89 ng/ul
RT: 19.47 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

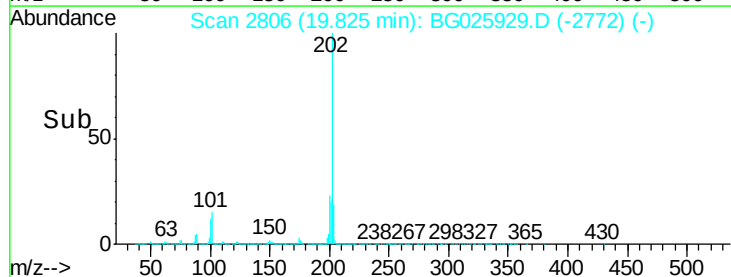
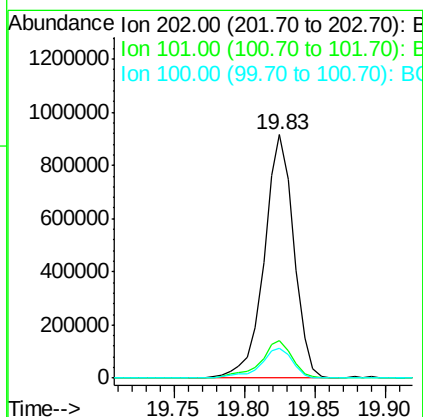
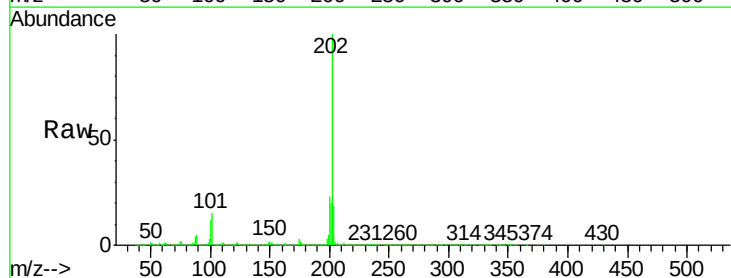
Instrument :
BNA_G
ClientSampleId :
DABD6

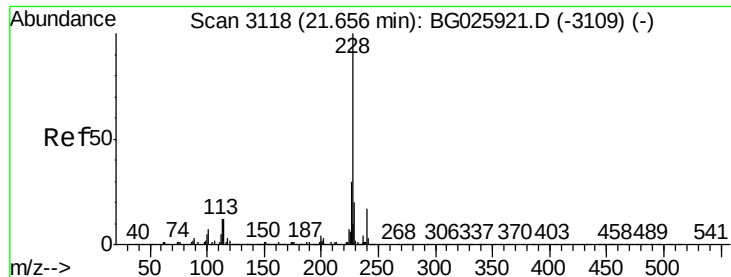
Tgt Ion:202 Resp: 1864692
Ion Ratio Lower Upper
202 100
101 13.4 9.9 14.9
100 10.6 7.4 11.0



#19
Pyrene
Concen: 27.15 ng/ul
RT: 19.83 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion:202 Resp: 1345077
Ion Ratio Lower Upper
202 100
101 15.2 11.0 16.4
100 12.5 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 16.61 ng/ul

RT: 21.66 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

Instrument :

BNA_G

ClientSampleId :

DABD6

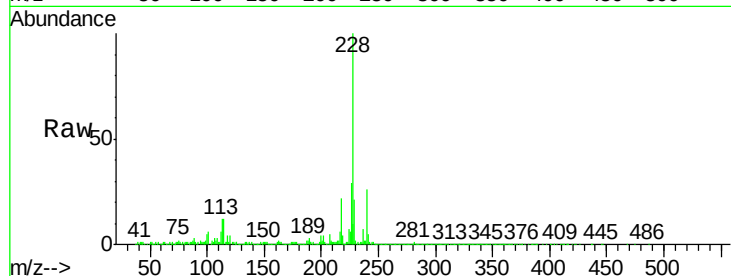
Tgt Ion:228 Resp: 764900

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

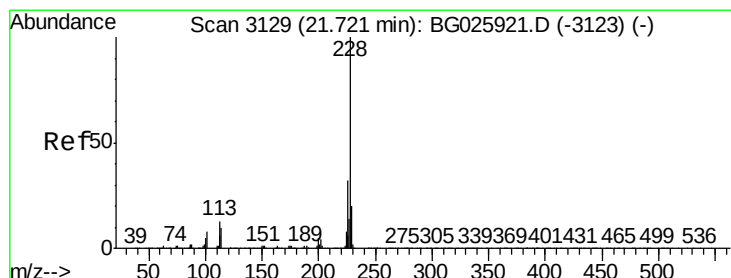
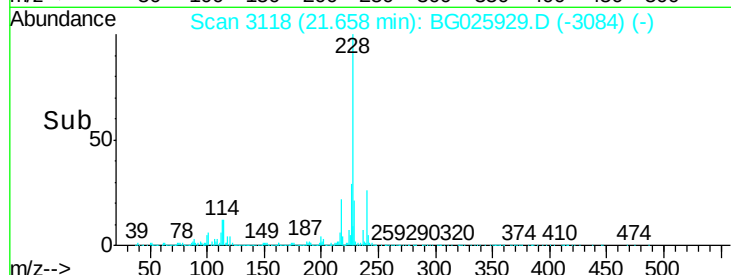
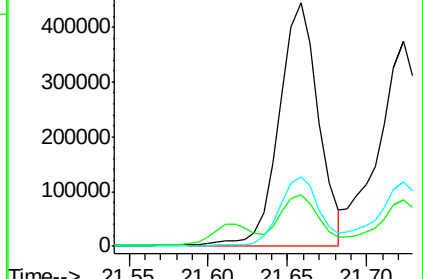
226 28.8 21.1 31.7



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



#21

Chrysene

Concen: 15.83 ng/ul

RT: 21.72 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

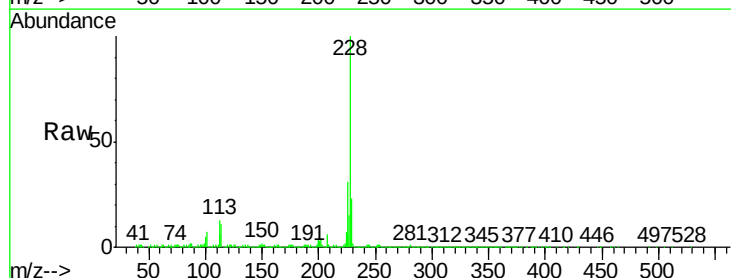
Tgt Ion:228 Resp: 696506

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

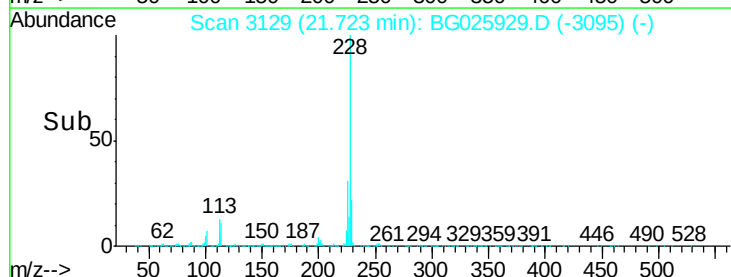
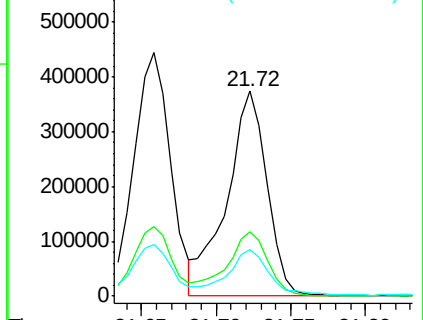
229 22.6 15.8 23.8

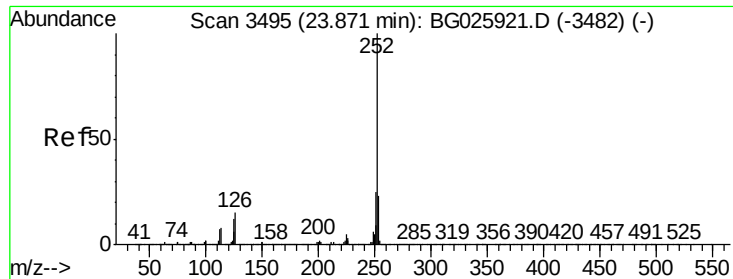


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 17.34 ng/ul

RT: 23.88 min Scan# 3496

Delta R.T. 0.01 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

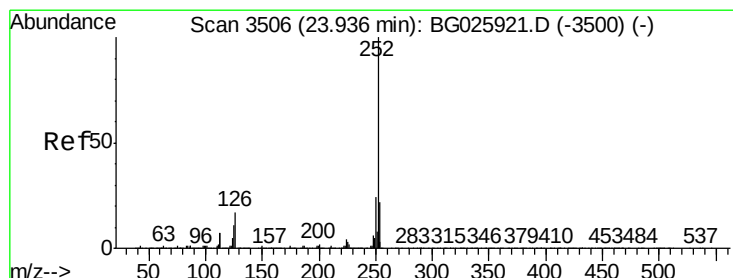
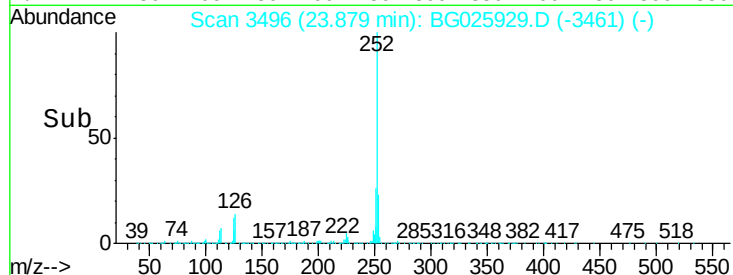
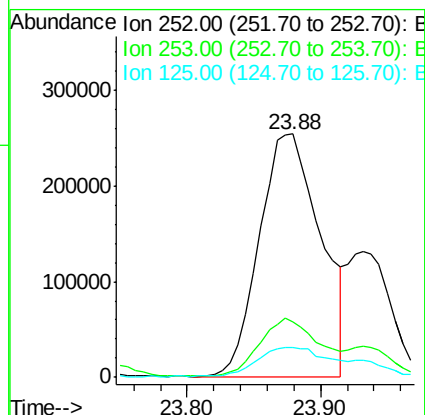
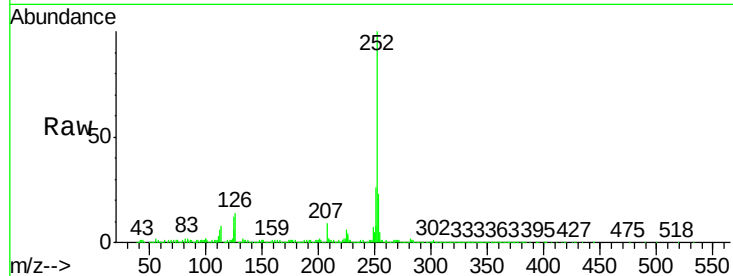
Instrument :

BNA_G

ClientSampleId :

DABD6

Tgt Ion:	252	Resp:	809061
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	12.5	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 17.95 ng/ul

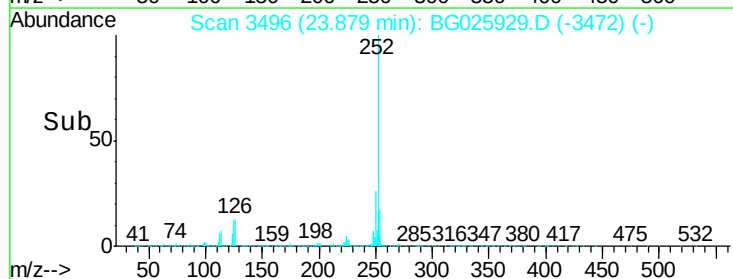
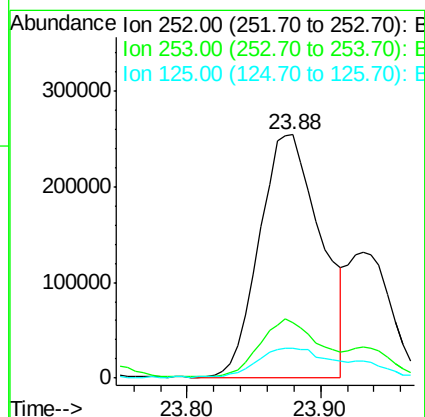
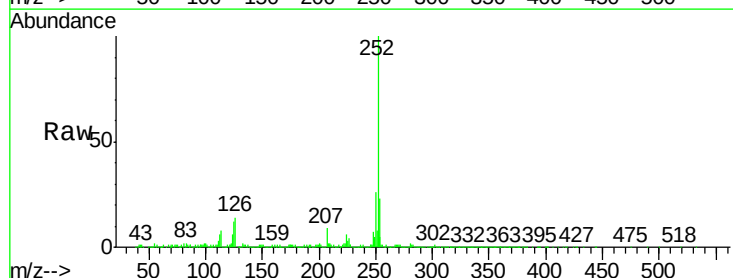
RT: 23.88 min Scan# 3496

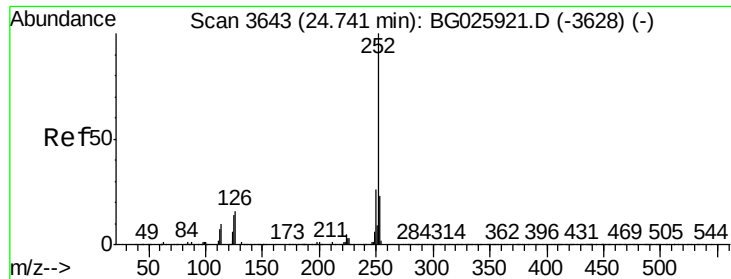
Delta R.T. -0.06 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

Tgt Ion:	252	Resp:	809061
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	12.5	8.1	12.1#

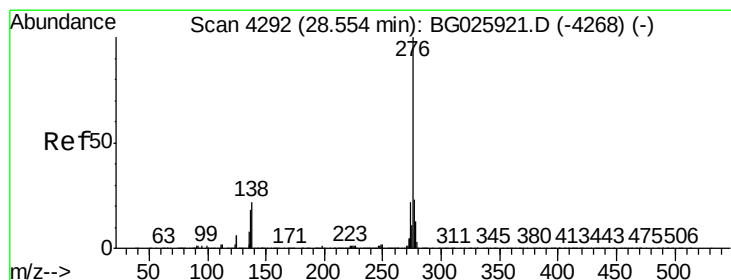
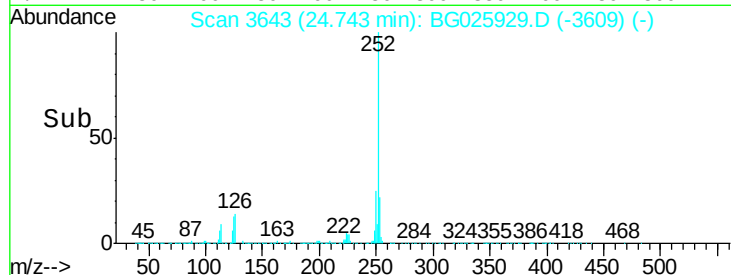
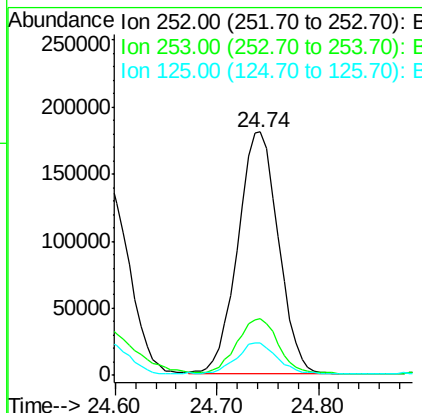
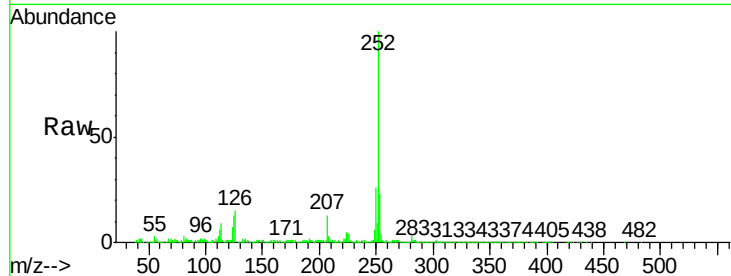




#26
Benzo(a)pyrene
Concen: 11.06 ng/ul
RT: 24.74 min Scan# 3643
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

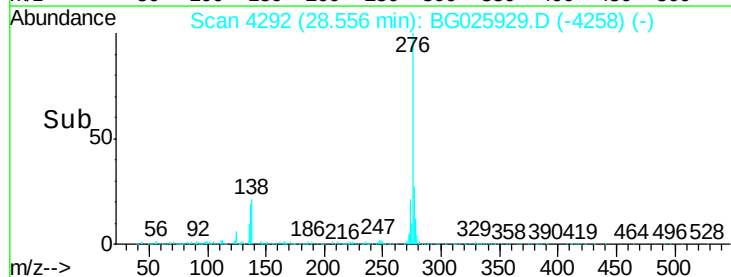
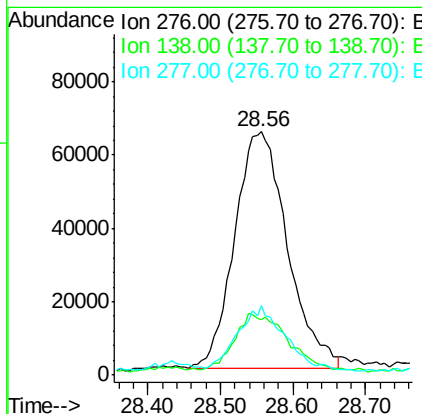
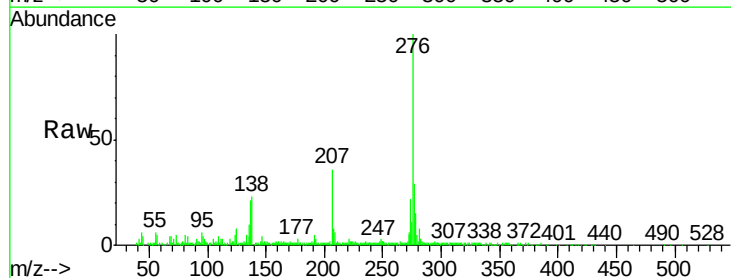
Instrument :
BNA_G
ClientSampleId :
DABD6

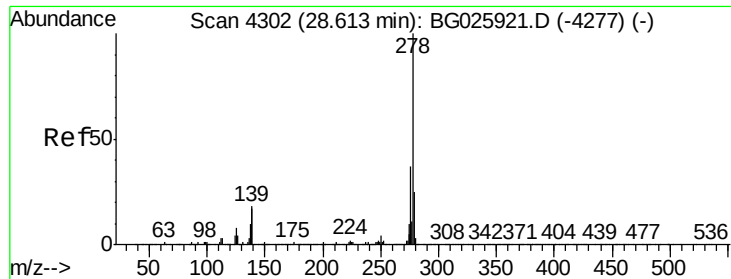
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	13.5	8.2	12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.17 ng/ul
RT: 28.56 min Scan# 4292
Delta R.T. 0.00 min
Lab File: BG025929.D
Acq: 22 Feb 2017 7:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	14.4	21.6
277	28.6	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 1.95 ng/ul

RT: 28.60 min Scan# 4300

Delta R.T. -0.01 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

Instrument :

BNA_G

ClientSampleId :

DABD6

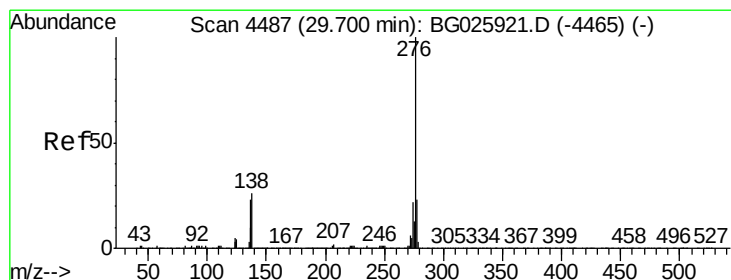
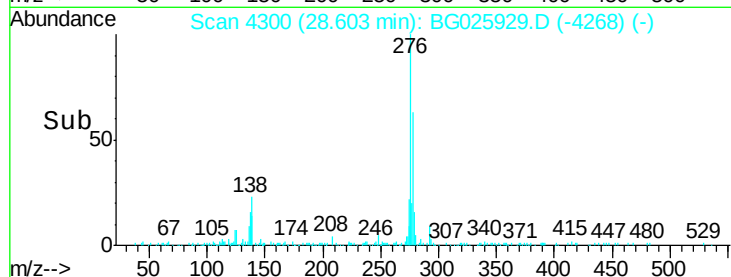
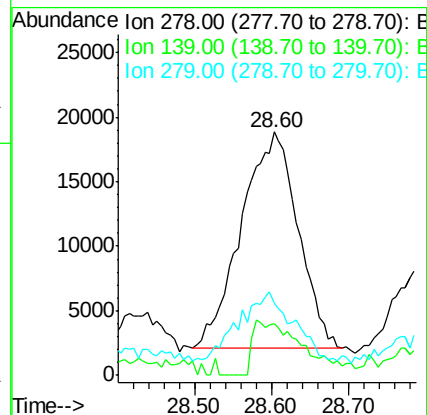
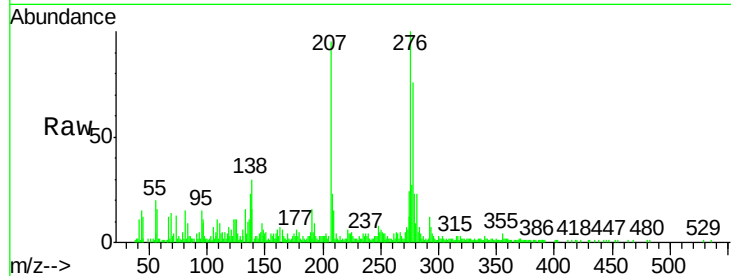
Tgt Ion:278 Resp: 85599

Ion Ratio Lower Upper

278 100

139 21.0 12.2 18.4#

279 29.8 19.2 28.8#



#29

Benzo(g,h,i)perylene

Concen: 3.68 ng/ul

RT: 29.70 min Scan# 4486

Delta R.T. -0.00 min

Lab File: BG025929.D

Acq: 22 Feb 2017 7:09

Tgt Ion:276 Resp: 160658

Ion Ratio Lower Upper

276 100

138 23.6 15.3 22.9#

277 24.6 19.0 28.4

