

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029138.D
 Acq On : 10 Oct 2017 13:05
 Operator : SJ/JU
 Sample : I5577-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH81

Quant Time: Oct 11 04:16:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

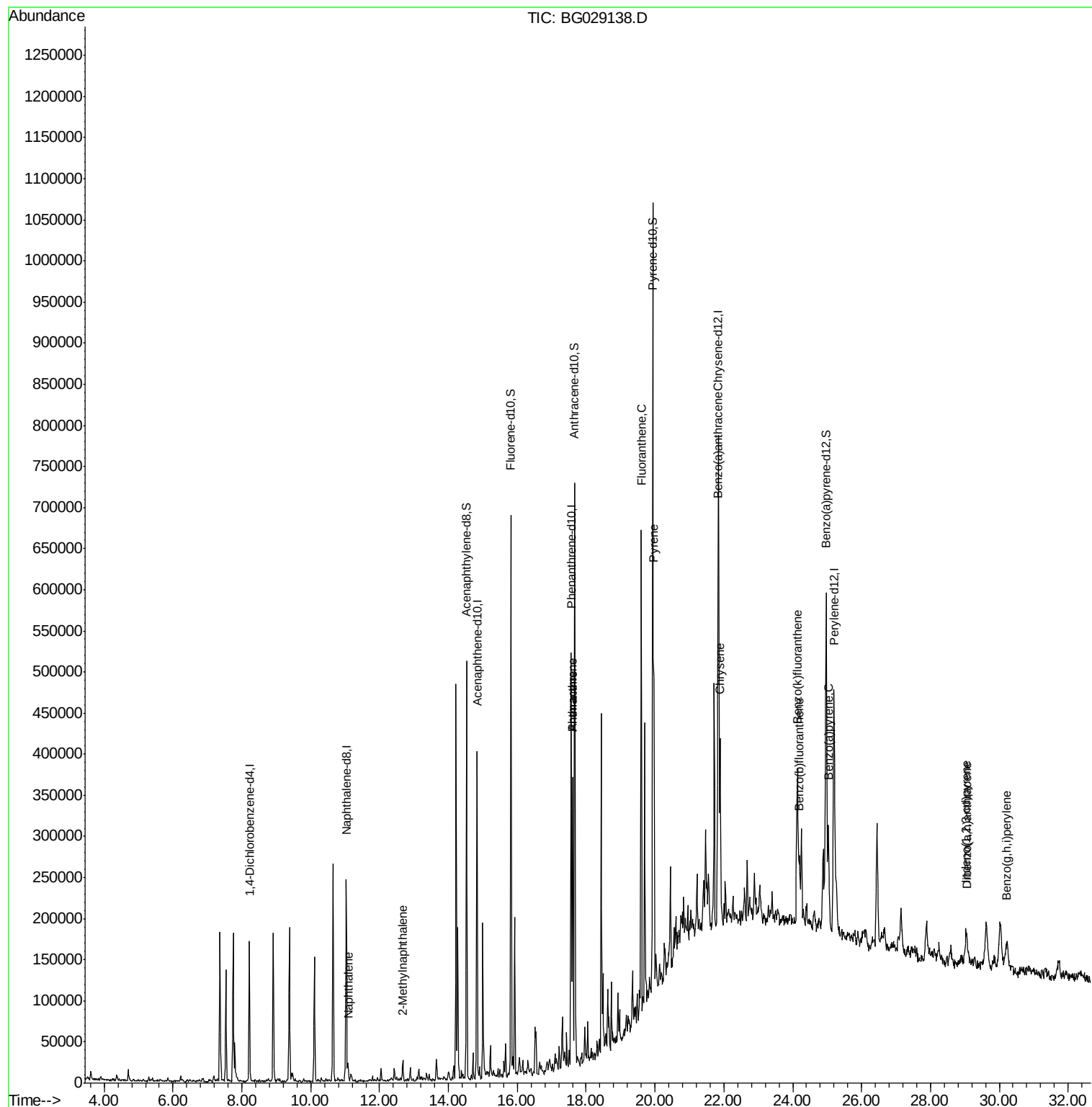
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	46922	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	204977	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	137565	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	318767	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	337503	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	351015	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	365177	25.52	ng/ul	0.00
10) Fluorene-d10	15.82	176	293745	28.31	ng/ul	0.00
14) Anthracene-d10	17.66	188	433677	28.09	ng/ul	0.00
18) Pyrene-d10	19.93	212	496209	28.74	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	454537	27.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	17655	1.654	ng/ul	97
4) 2-Methylnaphthalene	12.67	142	11875	1.466	ng/ul	95
13) Phenanthrene	17.61	178	214065	12.590	ng/ul	98
15) Anthracene	17.61	178	213965	12.300	ng/ul	97
16) Fluoranthene	19.61	202	373712	18.750	ng/ul#	89
19) Pyrene	19.96	202	291098	13.837	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	172912	8.699	ng/ul	98
21) Chrysene	21.89	228	176306	9.687	ng/ul	94
23) Benzo(b)fluoranthene	24.19	252	81063	3.860	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	256066	12.494	ng/ul#	96
26) Benzo(a)pyrene	25.04	252	147297	7.222	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	29.03	276	102120	4.412	ng/ul#	91
28) Dibenzo(a,h)anthracene	29.06	278	26157	1.365	ng/ul#	81
29) Benzo(a,h,i)perylene	30.22	276	32188	1.686	ng/ul#	87

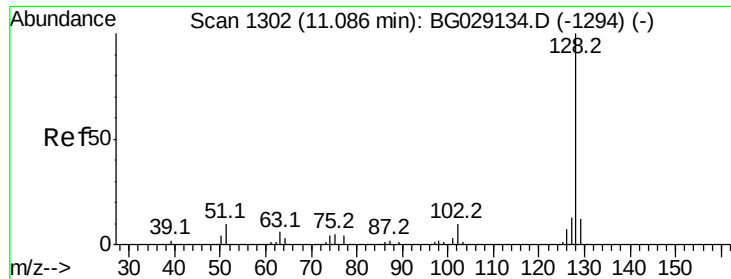
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.654 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

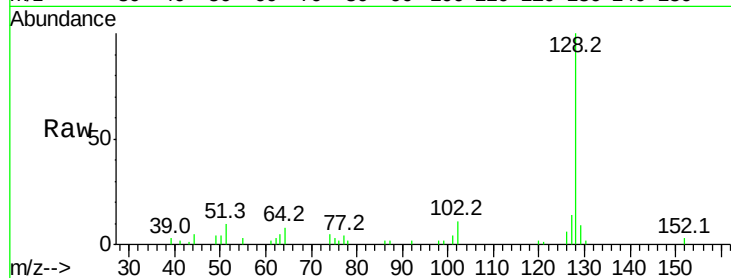
Tot Ion:128 Resp: 17655

Ion Ratio Lower Upper

128 100

129 9.3 8.7 13.1

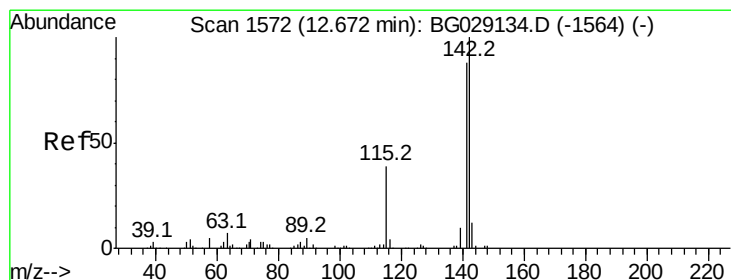
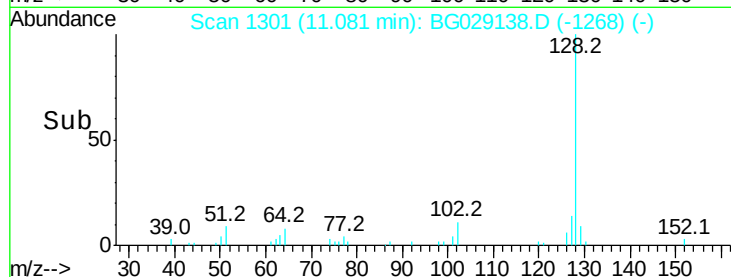
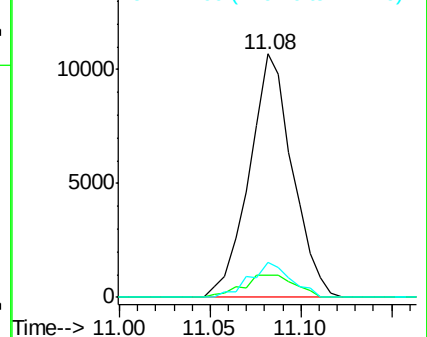
127 14.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.466 ng/ul

RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG029138.D

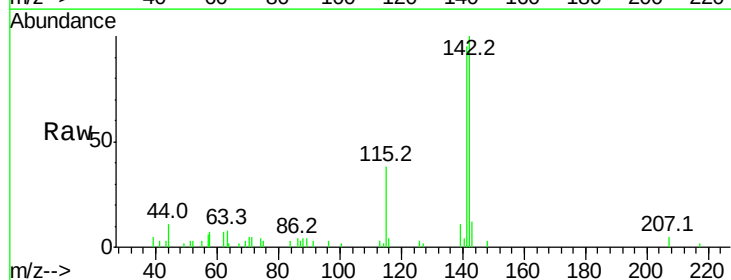
Acq: 10 Oct 2017 13:05

Tgt Ion:142 Resp: 11875

Ion Ratio Lower Upper

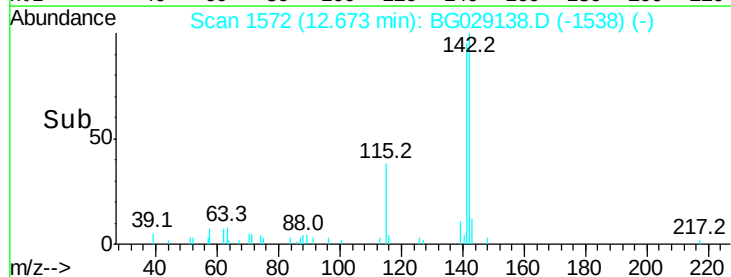
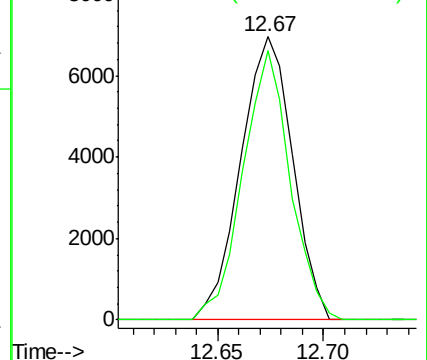
142 100

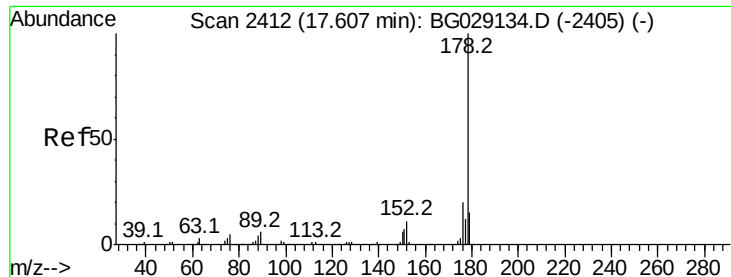
141 95.3 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 12.590 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

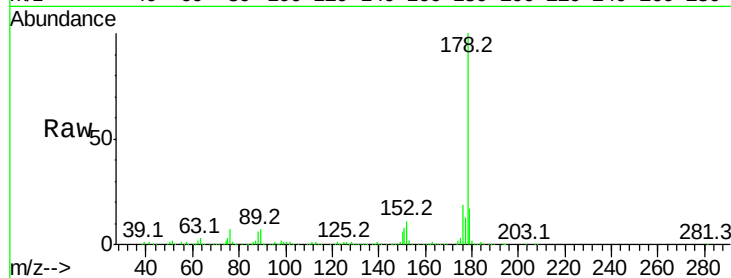
BNA_G

ClientSampleId :

DAH81

Tot Ion:178 Resp: 214065

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	19.4	15.1	22.7

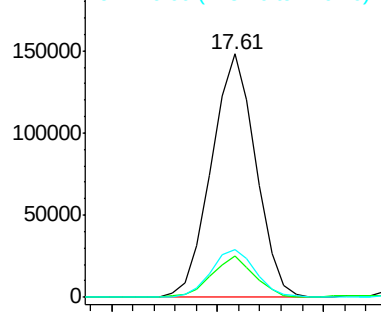


Abundance

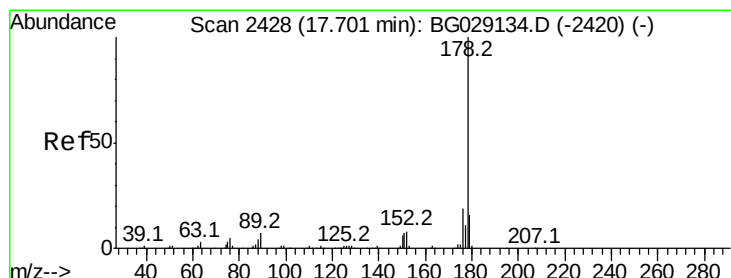
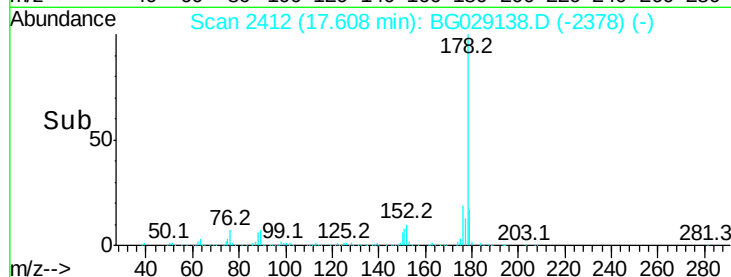
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Anthracene

Concen: 12.300 ng/ul

RT: 17.61 min Scan# 2412

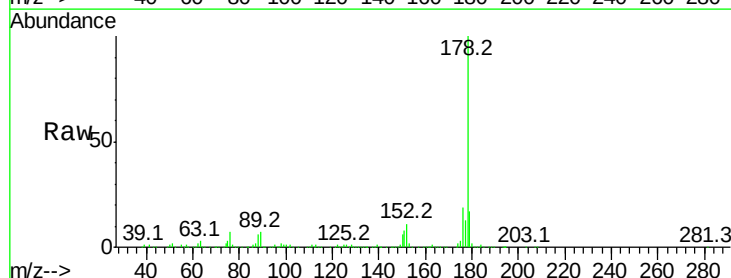
Delta R.T. -0.09 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Tgt Ion:178 Resp: 213965

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.8
176	19.4	15.2	22.8

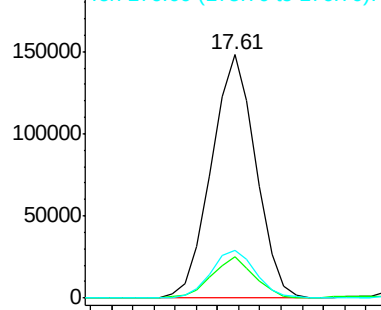


Abundance

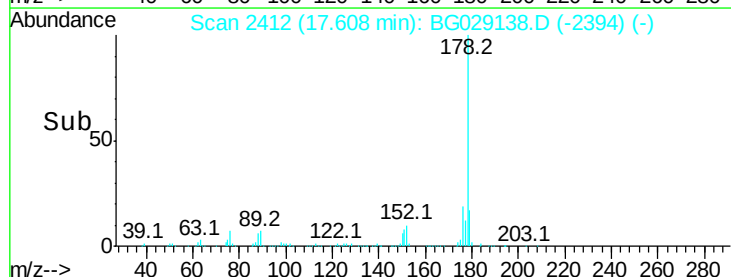
Ion 178.00 (177.70 to 178.70): E

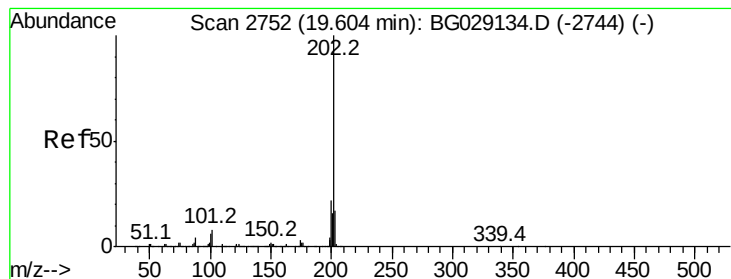
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#16

Fluoranthene

Concen: 18.750 ng/ul

RT: 19.61 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

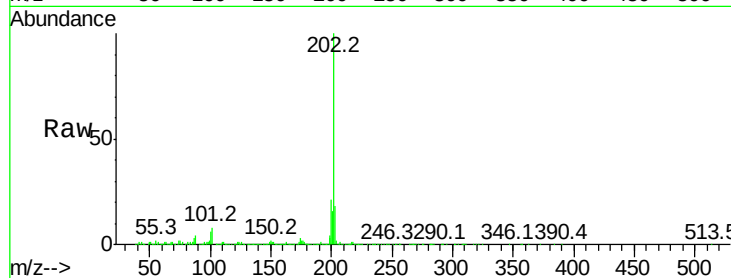
Tot Ion:202 Resp: 373712

Ion Ratio Lower Upper

202 100

101 7.5 9.9 14.9#

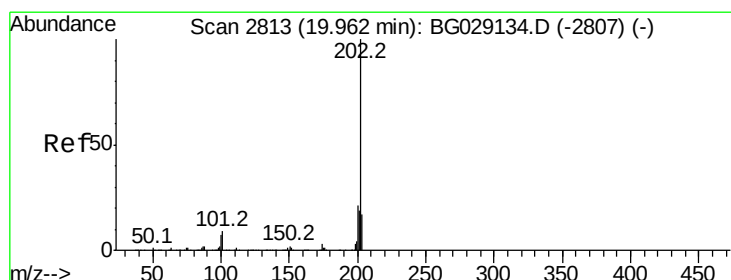
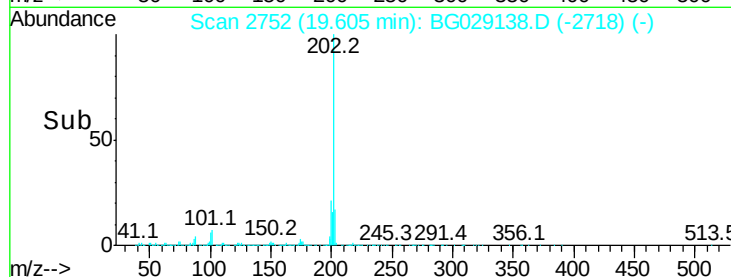
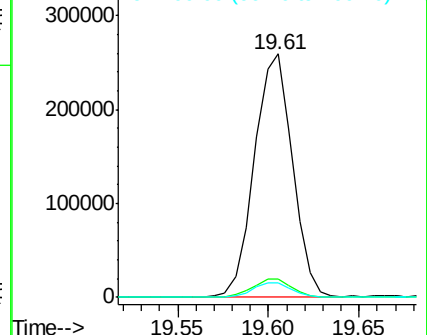
100 5.9 7.4 11.0#



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): B



#19

Pyrene

Concen: 13.837 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

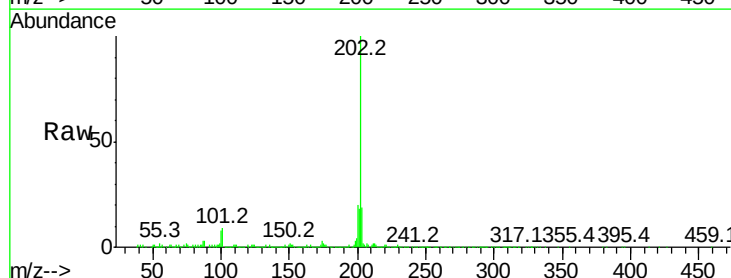
Tgt Ion:202 Resp: 291098

Ion Ratio Lower Upper

202 100

101 9.0 11.0 16.4#

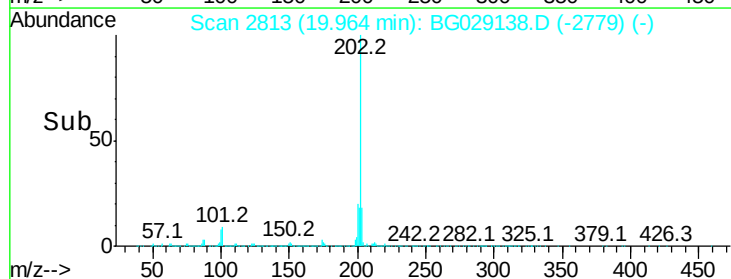
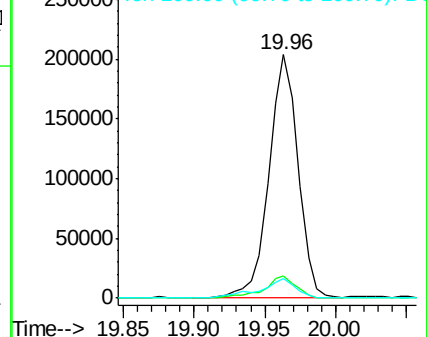
100 7.9 8.1 12.1#

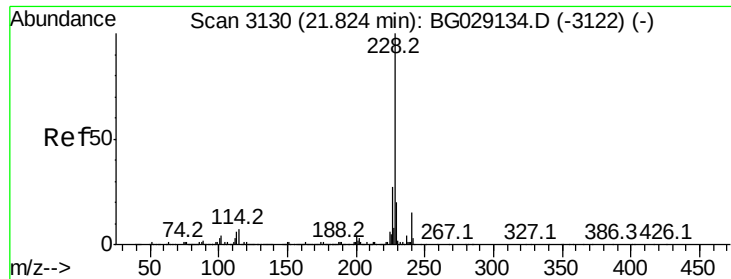


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 8.699 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

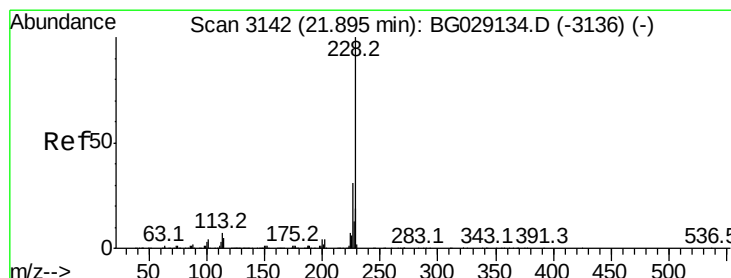
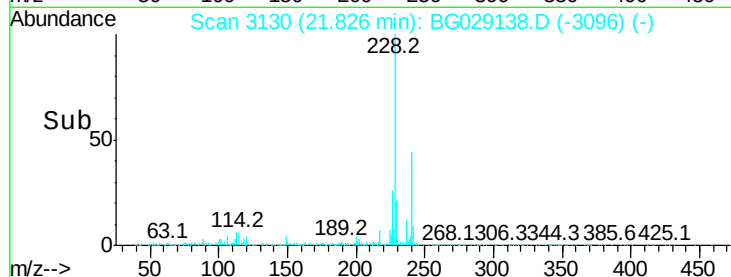
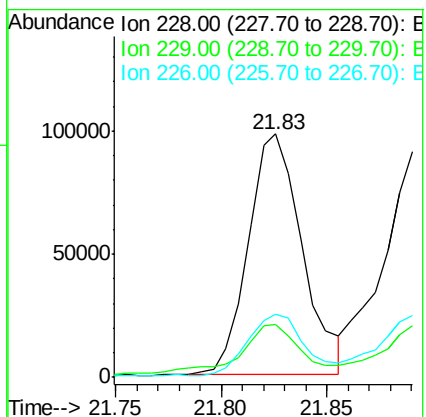
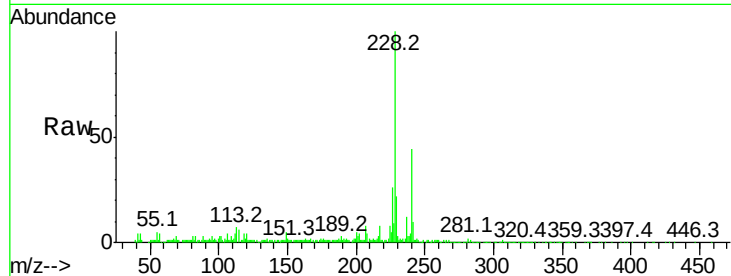
Tot Ion:228 Resp: 172912

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	26.0	21.1	31.7

228 100

229 21.7 15.7 23.5

226 26.0 21.1 31.7



#21

Chrysene

Concen: 9.687 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

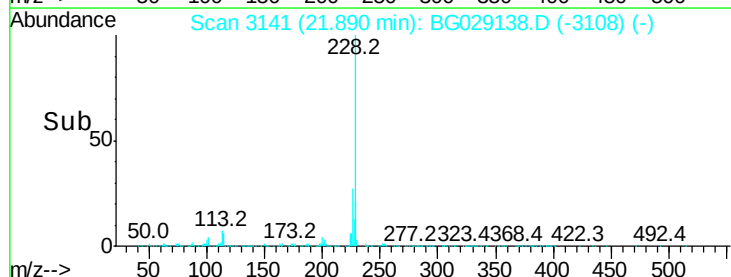
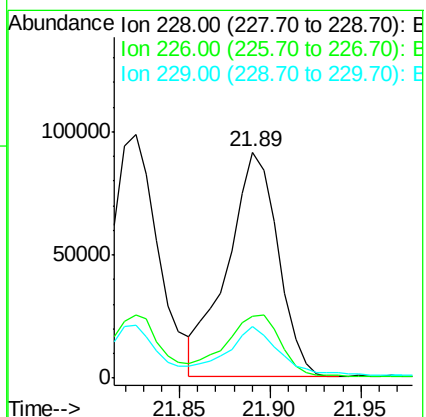
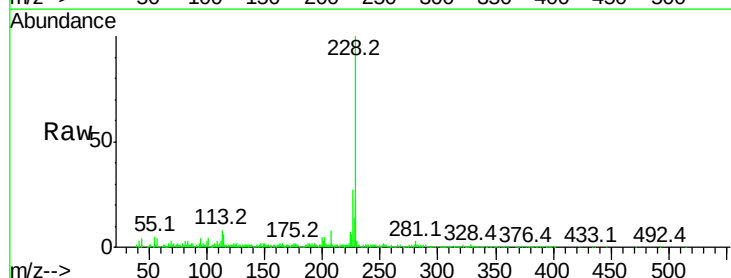
Tgt Ion:228 Resp: 176306

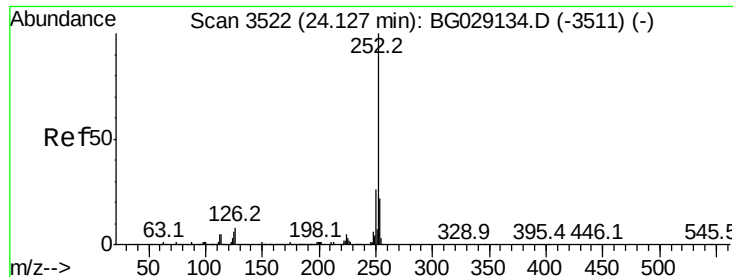
Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.5	36.7
229	22.8	15.8	23.8

228 100

226 27.1 24.5 36.7

229 22.8 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 3.860 ng/ul

RT: 24.19 min Scan# 3533

Delta R.T. 0.07 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

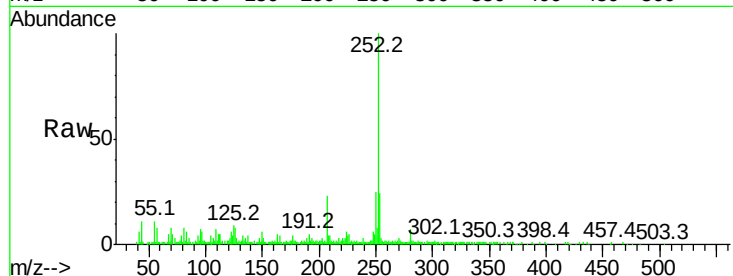
Tot Ion:252 Resp: 81063

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

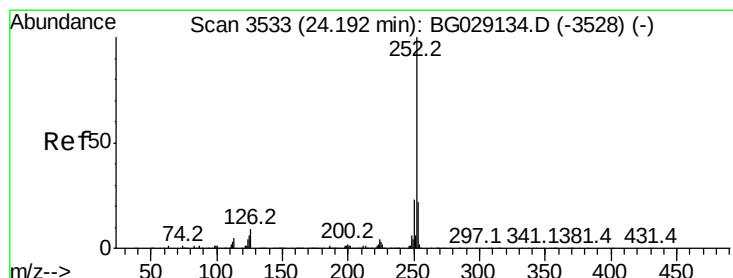
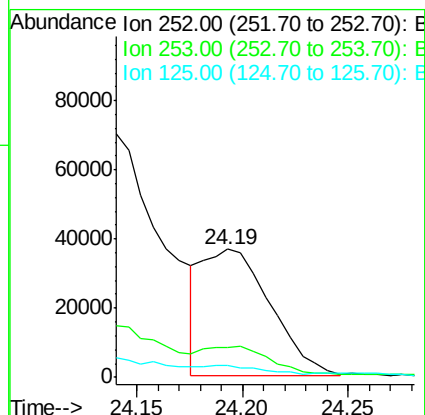
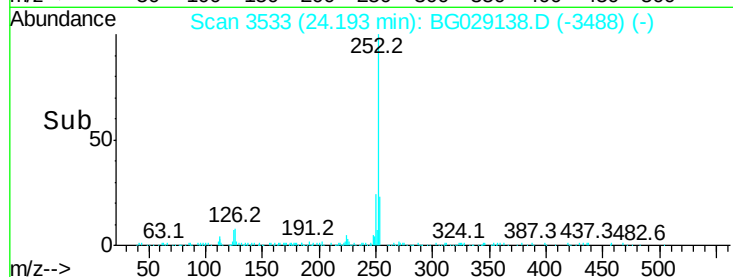
125 9.4 8.0 12.0



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



#24

Benzo(k)fluoranthene

Concen: 12.494 ng/ul

RT: 24.13 min Scan# 3523

Delta R.T. -0.06 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

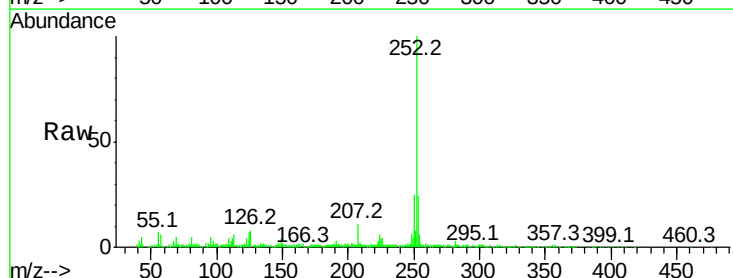
Tgt Ion:252 Resp: 256066

Ion Ratio Lower Upper

252 100

253 23.9 18.0 27.0

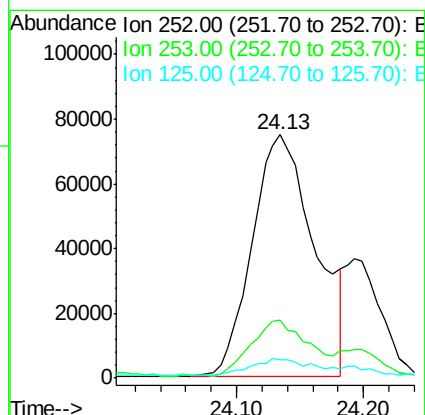
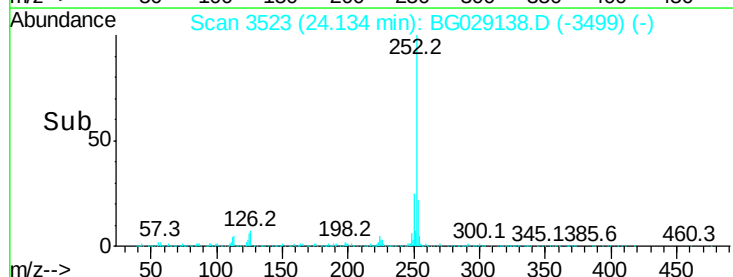
125 7.5 8.1 12.1#

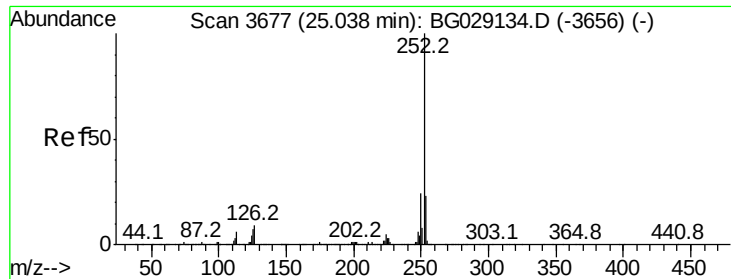


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 7.222 ng/ul

RT: 25.04 min Scan# 3677

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

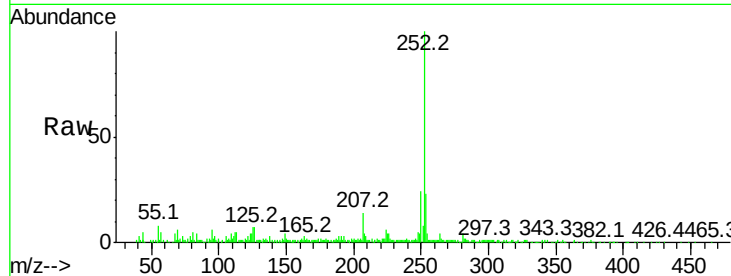
Tot Ion:252 Resp: 147297

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

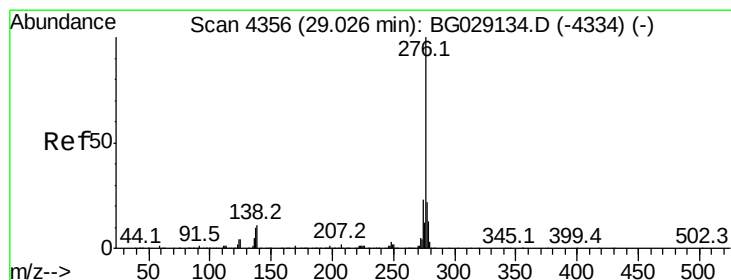
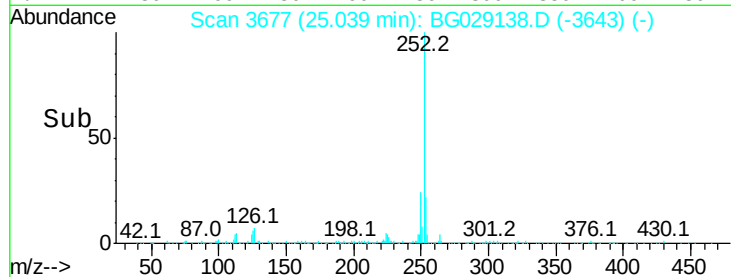
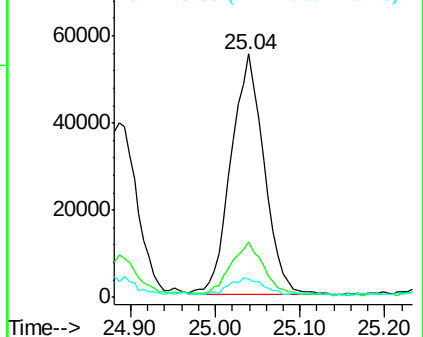
125 7.3 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.412 ng/ul

RT: 29.03 min Scan# 4356

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

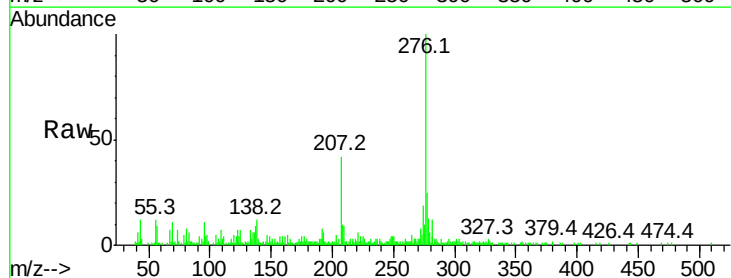
Tgt Ion:276 Resp: 102120

Ion Ratio Lower Upper

276 100

138 12.1 14.4 21.6#

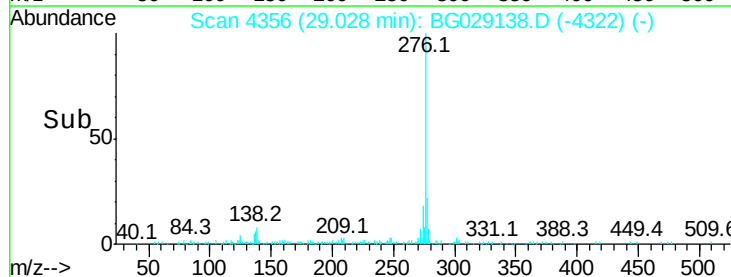
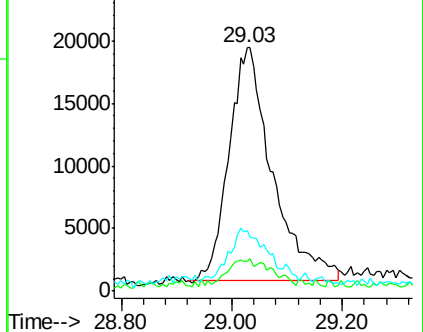
277 25.0 18.0 27.0

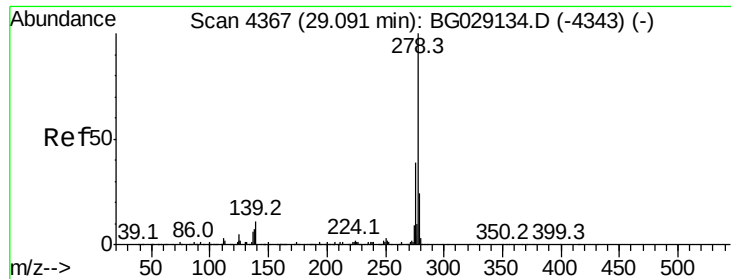


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.365 ng/ul

RT: 29.06 min Scan# 4362

Delta R.T. -0.03 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

ClientSampleId :

DAH81

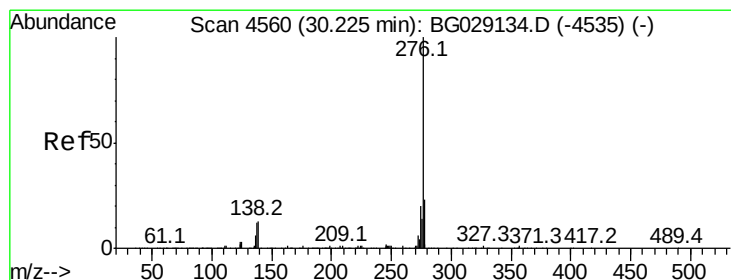
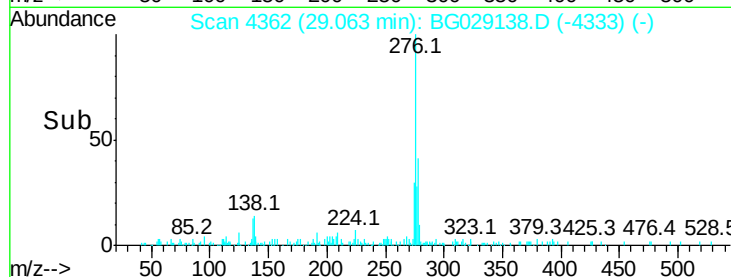
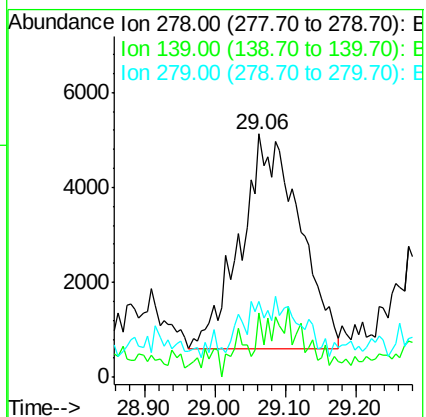
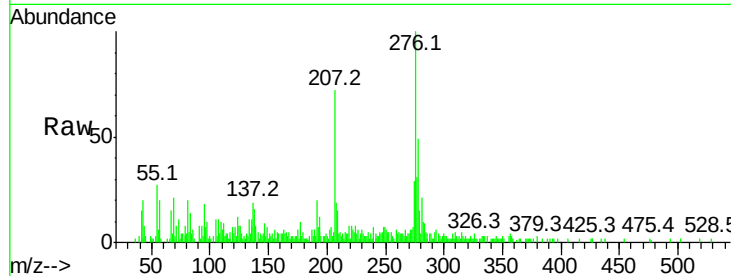
Tot Ion:278 Resp: 26157

Ion Ratio Lower Upper

278 100

139 26.4 12.2 18.4#

279 30.9 19.2 28.8#



#29

Benzo(g,h,i)perylene

Concen: 1.686 ng/ul

RT: 30.22 min Scan# 4559

Delta R.T. -0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Tgt Ion:276 Resp: 32188

Ion Ratio Lower Upper

276 100

138 9.3 15.3 22.9#

277 20.8 19.0 28.4

