

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029139.D
 Acq On : 10 Oct 2017 13:45
 Operator : SJ/JU
 Sample : I5576-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHA2

Quant Time: Oct 11 04:16:52 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

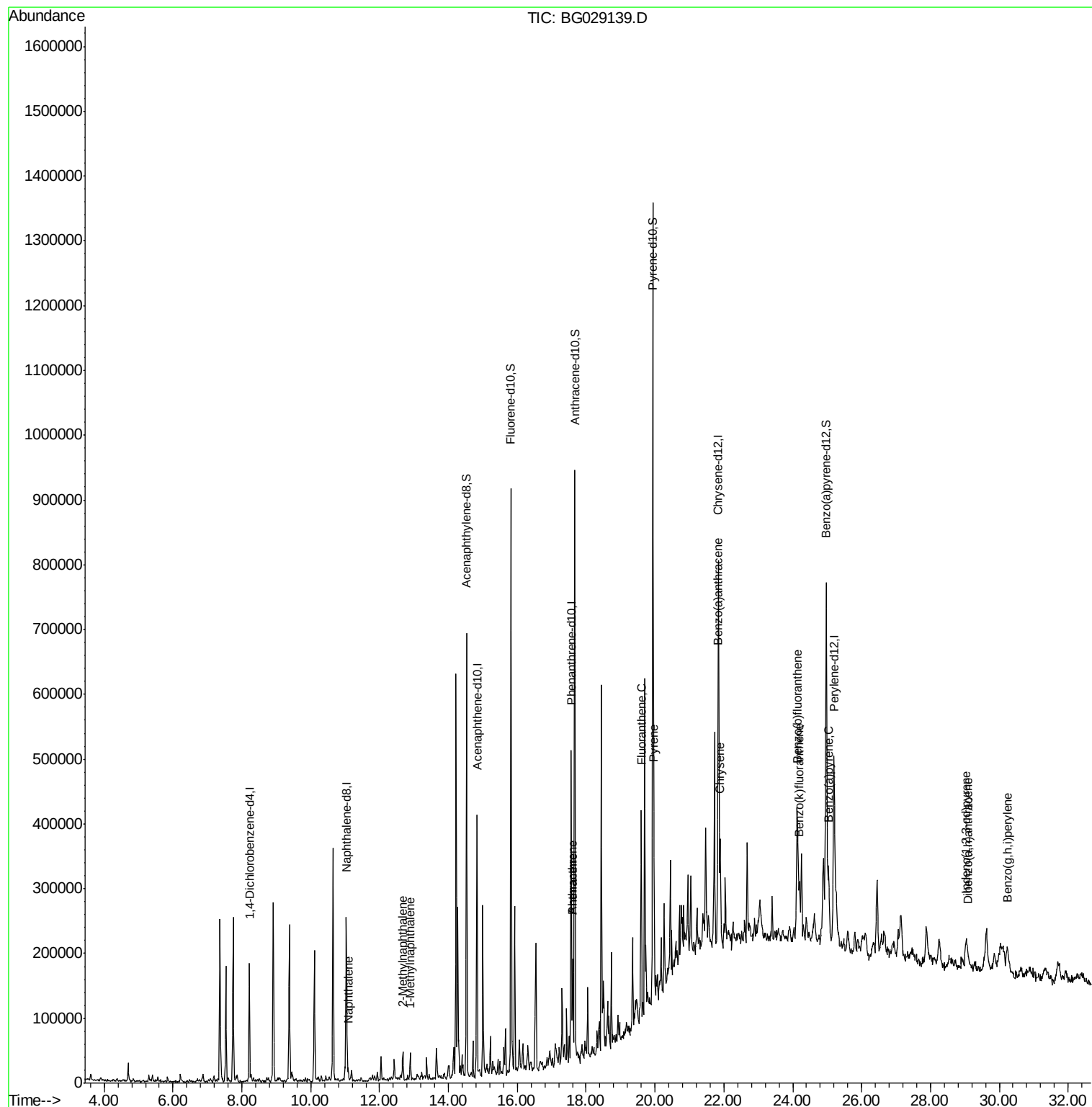
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	48962	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	209049	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	137912	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	311259	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	332417	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	342481	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	499830	34.85	ng/ul	0.00
10) Fluorene-d10	15.82	176	389560	37.45	ng/ul	0.00
14) Anthracene-d10	17.66	188	569246	37.76	ng/ul	0.00
18) Pyrene-d10	19.93	212	658798	38.74	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	615992	37.55	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	15244	1.401	ng/ul#	95
4) 2-Methylnaphthalene	12.67	142	19533	2.365	ng/ul	88
5) 1-Methylnaphthalene	12.89	142	21318	2.704	ng/ul#	92
13) Phenanthrene	17.61	178	99023	5.964	ng/ul	98
15) Anthracene	17.61	178	98555	5.802	ng/ul	97
16) Fluoranthene	19.61	202	181092	9.305	ng/ul#	90
19) Pyrene	19.96	202	169590	8.184	ng/ul#	88
20) Benzo(a)anthracene	21.83	228	120689	6.165	ng/ul	97
21) Chrysene	21.89	228	147884	8.250	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	240419	11.734	ng/ul#	94
24) Benzo(k)fluoranthene	24.20	252	86343	4.318	ng/ul#	97
26) Benzo(a)pyrene	25.05	252	136155	6.842	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	29.04	276	100991	4.471	ng/ul#	90
28) Dibenzo(a,h)anthracene	29.09	278	33313	1.781	ng/ul#	81
29) Benzo(g,h,i)perylene	30.24	276	82449	4.427	ng/ul#	94

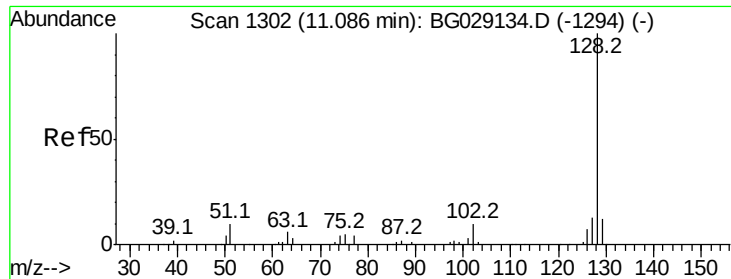
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029139.D
Acq On : 10 Oct 2017 13:45
Operator : SJ/JU
Sample : I5576-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAHA2

Quant Time: Oct 11 04:16:52 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





#3

Naphthalene

Concen: 1.401 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampled :

DAHA2

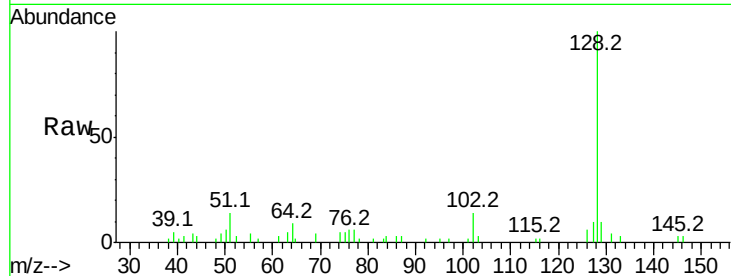
Tot Ion:128 Resp: 15244

Ion Ratio Lower Upper

128 100

129 9.7 8.7 13.1

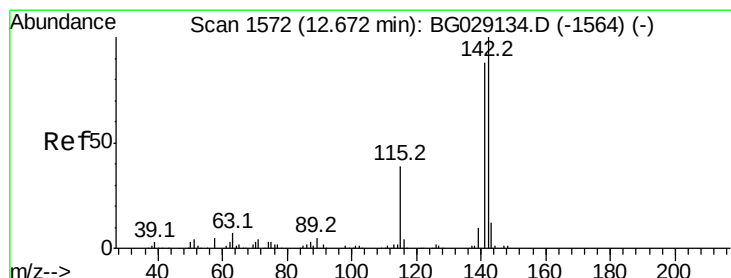
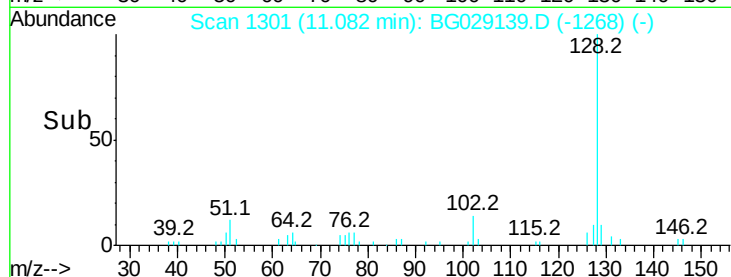
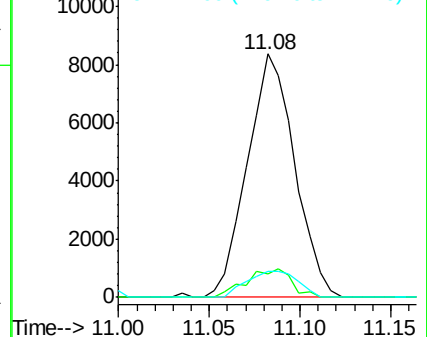
127 10.5 10.6 16.0#



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: 2.365 ng/ul

RT: 12.67 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BG029139.D

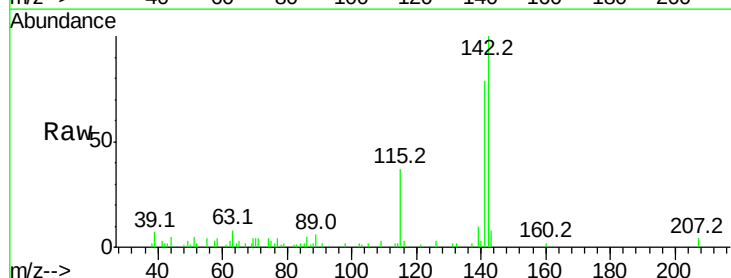
Acq: 10 Oct 2017 13:45

Tgt Ion:142 Resp: 19533

Ion Ratio Lower Upper

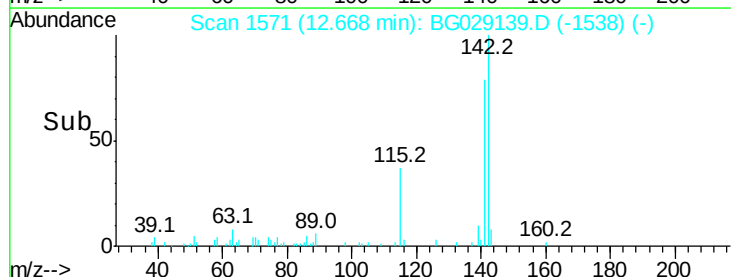
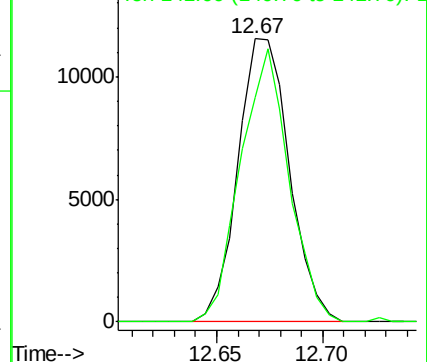
142 100

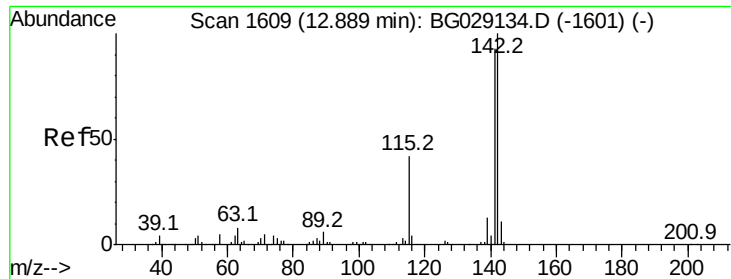
141 79.5 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 2.704 ng/ul

RT: 12.89 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampleId :

DAHA2

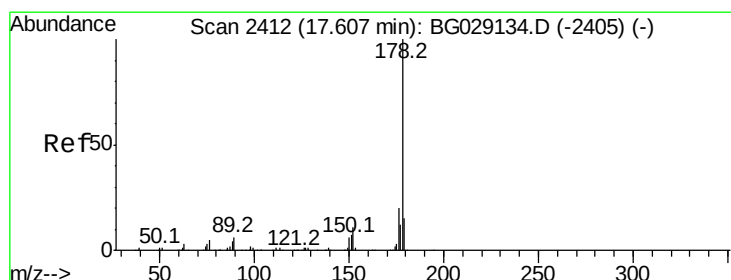
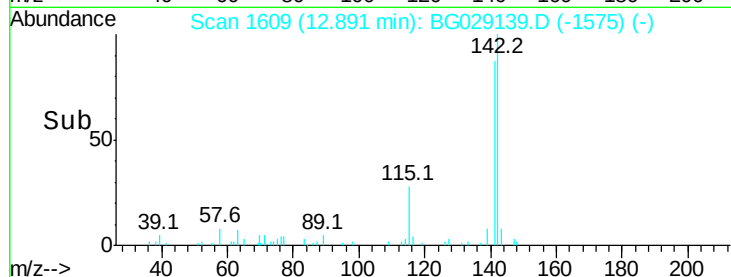
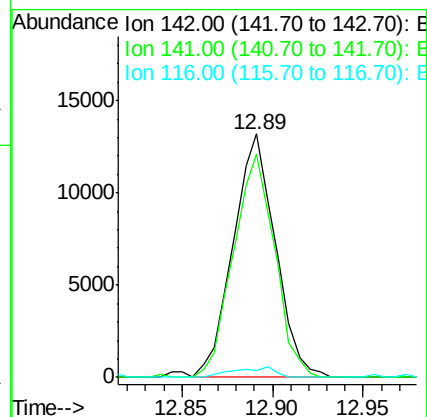
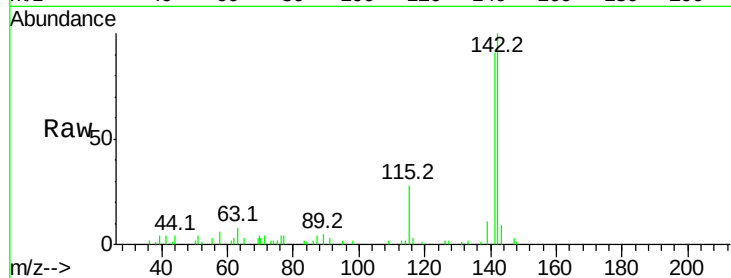
Tot Ion:142 Resp: 21318

Ion Ratio Lower Upper

142 100

141 91.4 79.3 118.9

116 2.9 4.2 6.2#



#13

Phenanthrene

Concen: 5.964 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

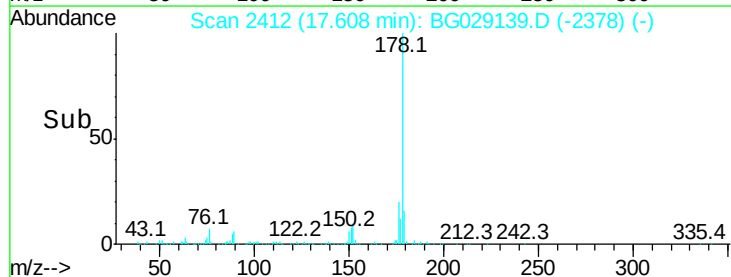
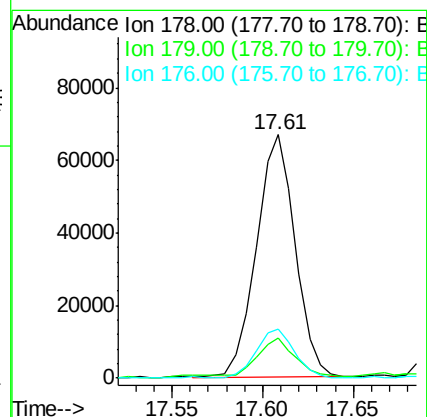
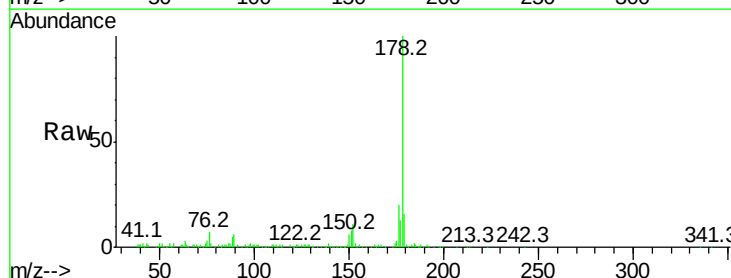
Tgt Ion:178 Resp: 99023

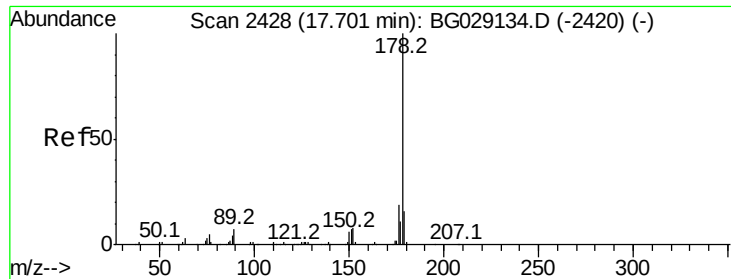
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 20.0 15.1 22.7

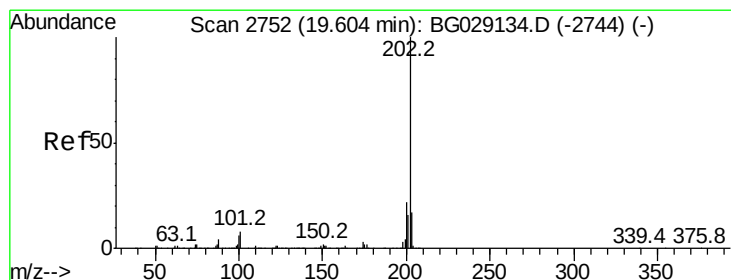
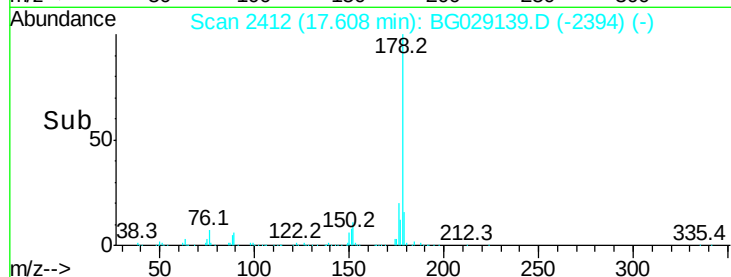
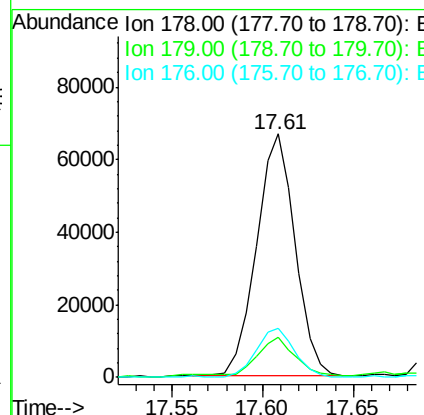
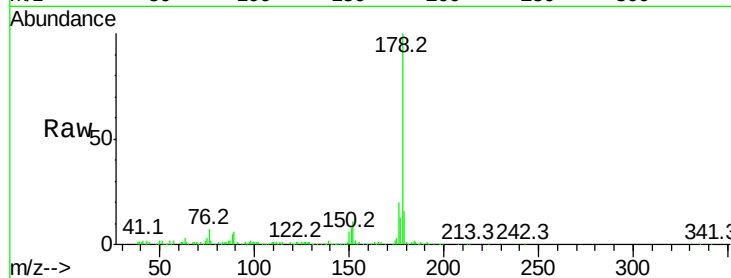




#15
 Anthracene
 Concen: 5.802 ng/ul
 RT: 17.61 min Scan# 2412
 Delta R.T. -0.09 min
 Lab File: BG029139.D
 Acq: 10 Oct 2017 13:45

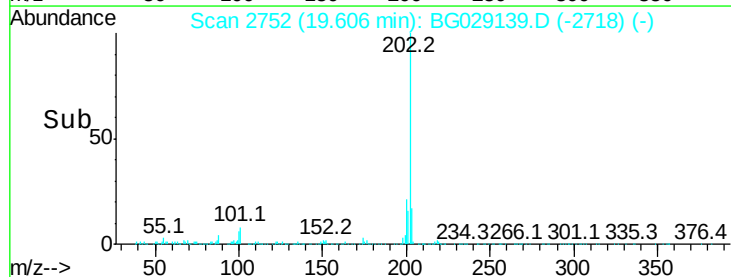
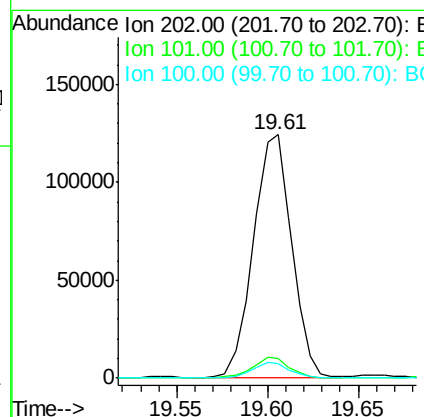
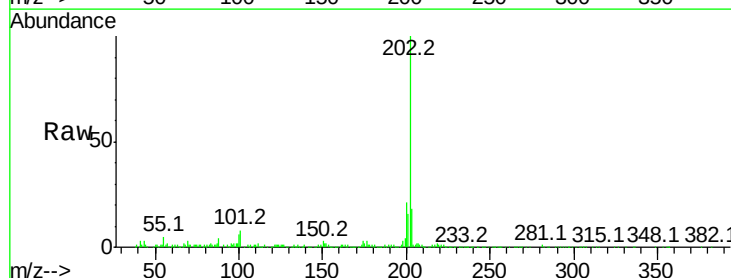
Instrument :
 BNA_G
 ClientSampleId :
 DAHA2

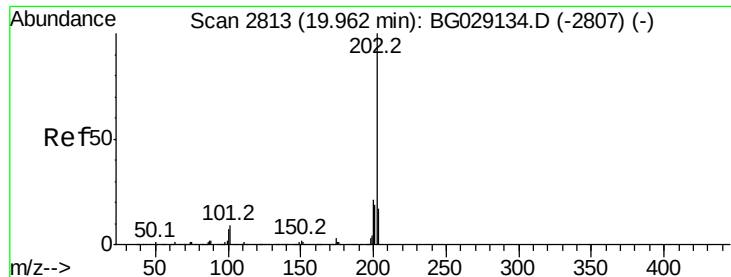
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	20.0	15.2	22.8



#16
 Fluoranthene
 Concen: 9.305 ng/ul
 RT: 19.61 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG029139.D
 Acq: 10 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	9.9	14.9#
100	5.9	7.4	11.0#





#19

Pvrene

Concen: 8.184 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampleId :

DAHA2

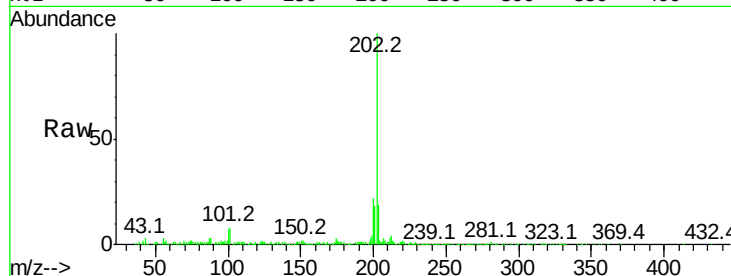
Tot Ion:202 Resp: 169590

Ion Ratio Lower Upper

202 100

101 8.0 11.0 16.4#

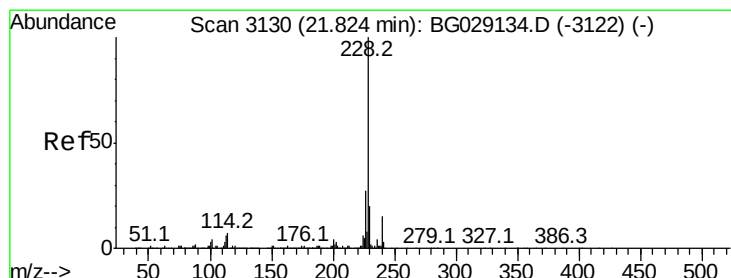
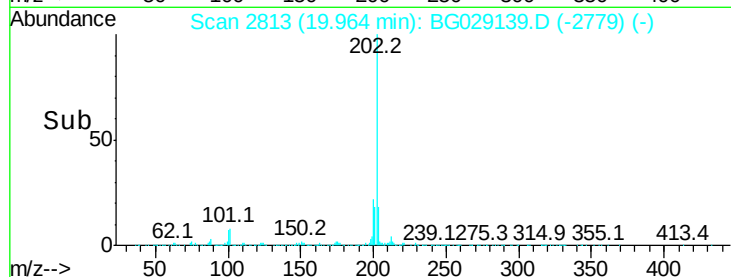
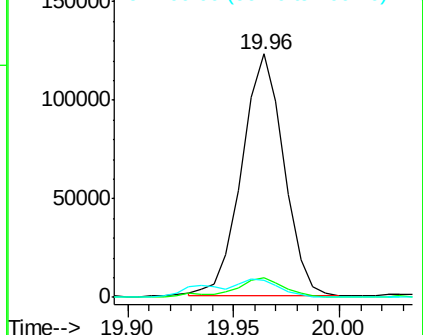
100 6.8 8.1 12.1#



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: 6.165 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

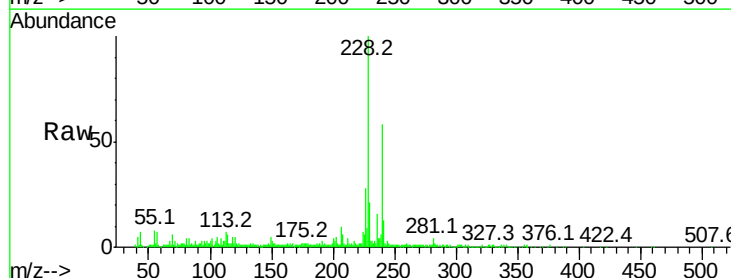
Tgt Ion:228 Resp: 120689

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

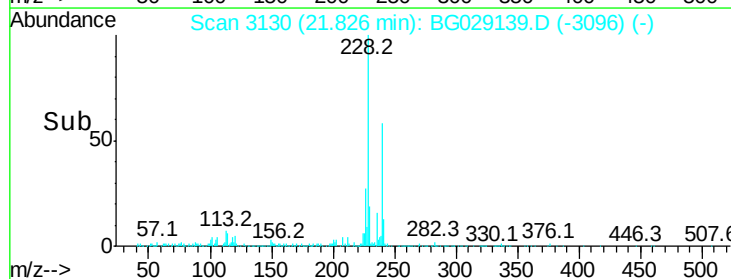
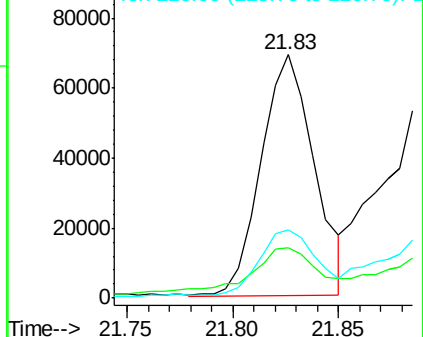
226 28.0 21.1 31.7

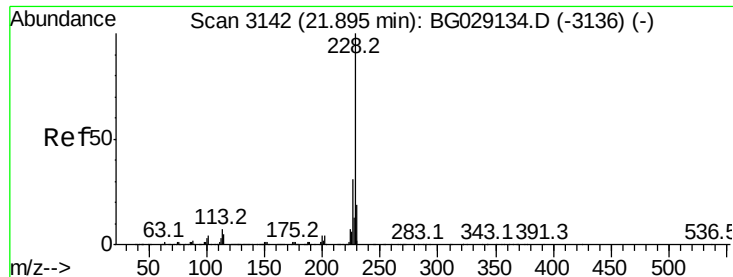


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 8.250 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampleId :

DAHA2

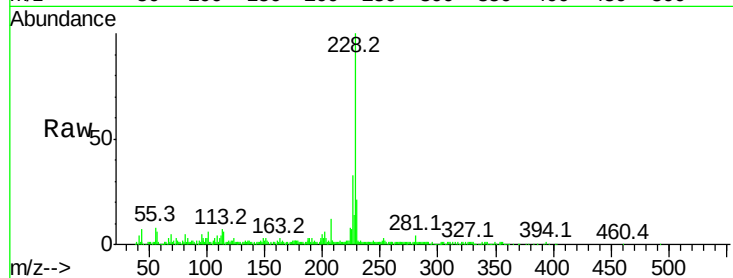
Tot Ion:228 Resp: 147884

Ion Ratio Lower Upper

228 100

226 32.7 24.5 36.7

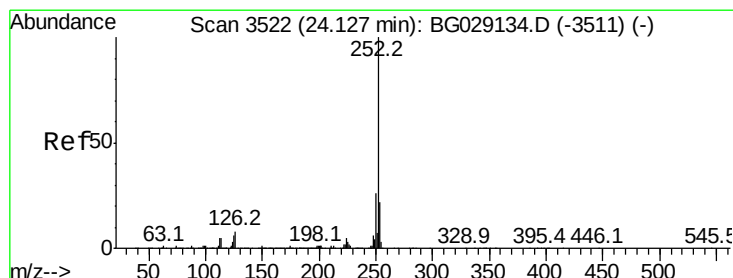
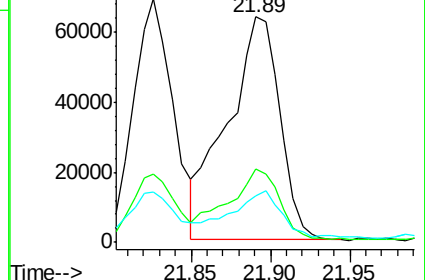
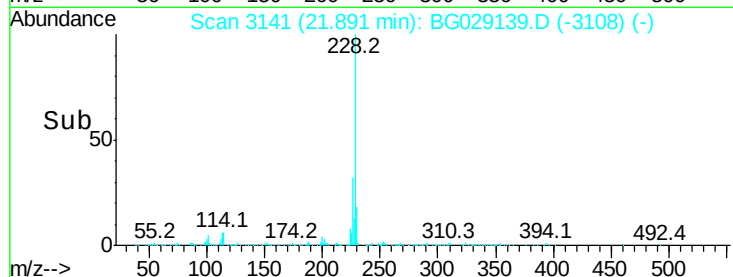
229 20.7 15.8 23.8



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: 11.734 ng/ul

RT: 24.13 min Scan# 3523

Delta R.T. 0.01 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

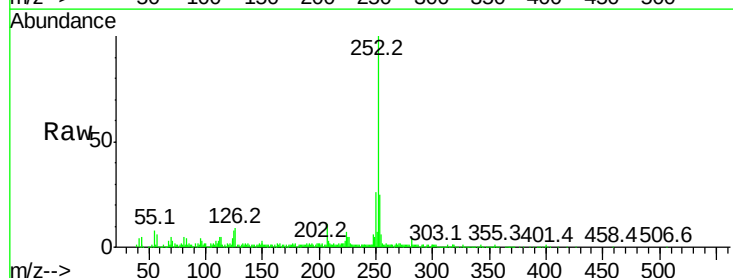
Tgt Ion:252 Resp: 240419

Ion Ratio Lower Upper

252 100

253 25.0 18.0 27.0

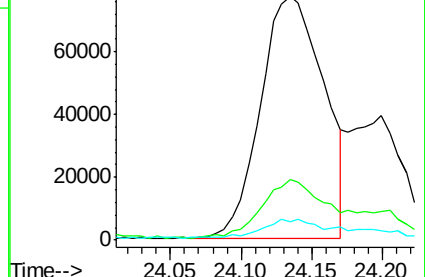
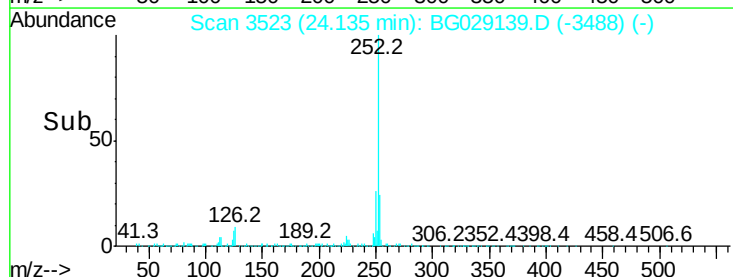
125 7.7 8.0 12.0#

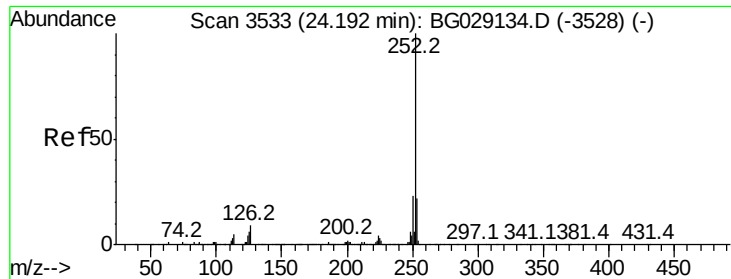


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.318 ng/ul

RT: 24.20 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampleId :

DAHA2

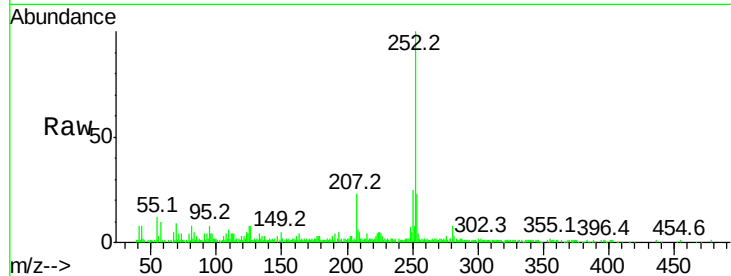
Tot Ion:252 Resp: 86343

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

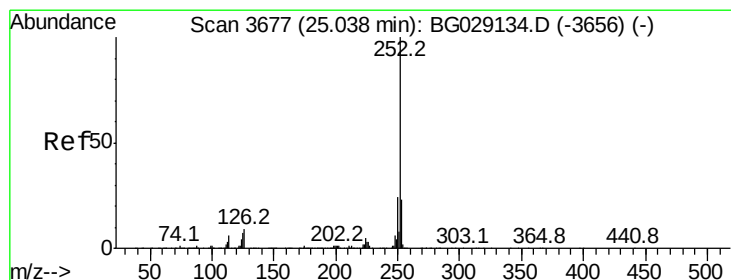
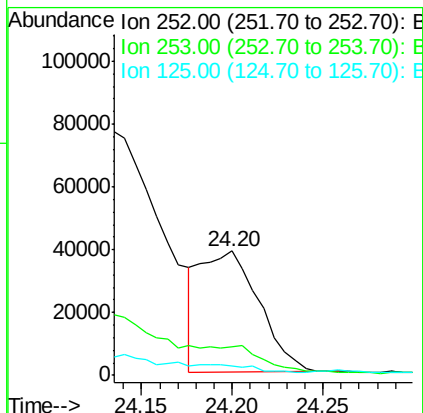
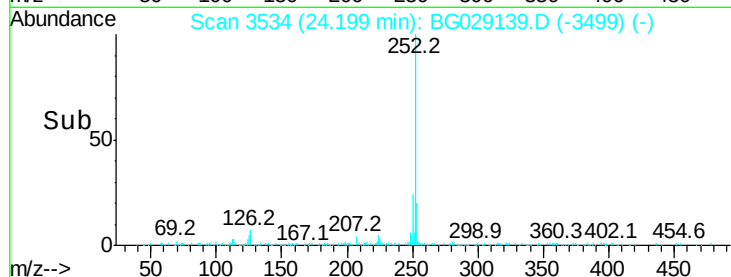
125 7.9 8.1 12.1#



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: 6.842 ng/ul

RT: 25.05 min Scan# 3678

Delta R.T. 0.01 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

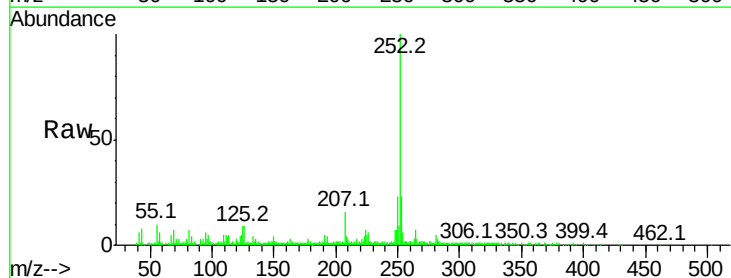
Tgt Ion:252 Resp: 136155

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

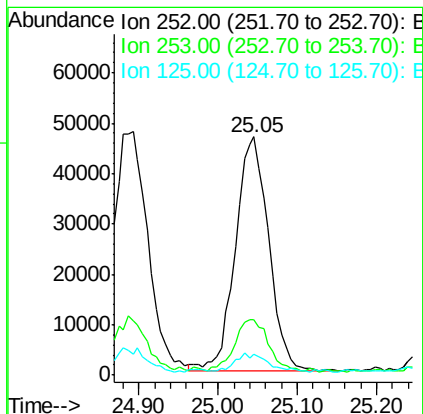
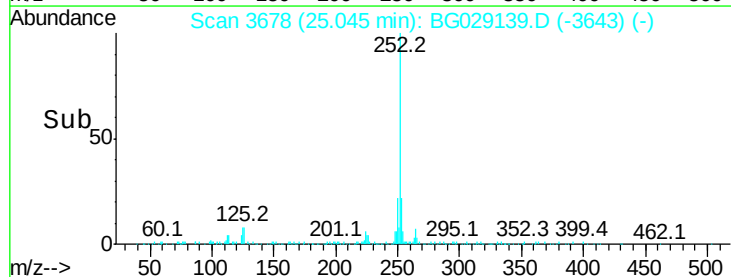
125 8.6 8.2 12.4

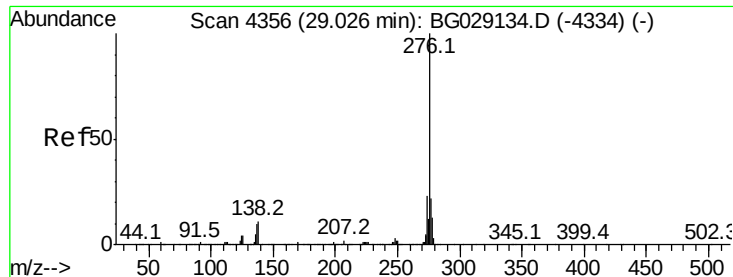


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.471 ng/ul

RT: 29.04 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampled :

DAHA2

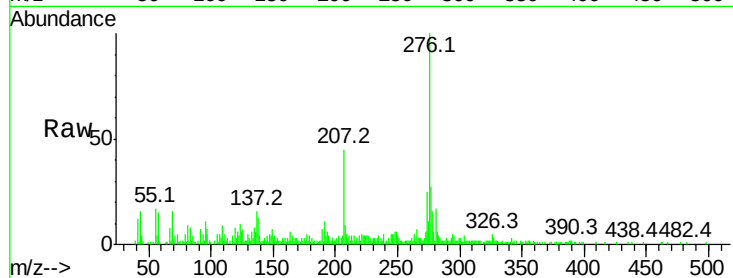
Tot Ion:276 Resp: 100991

Ion Ratio Lower Upper

276 100

138 13.4 14.4 21.6#

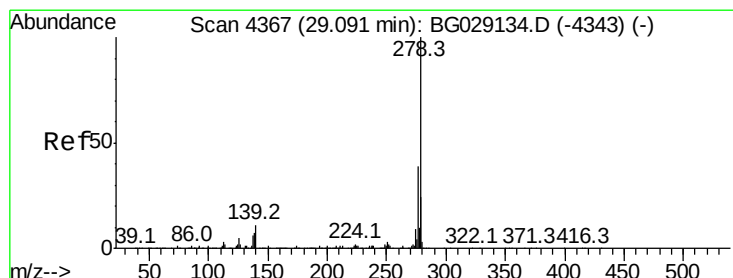
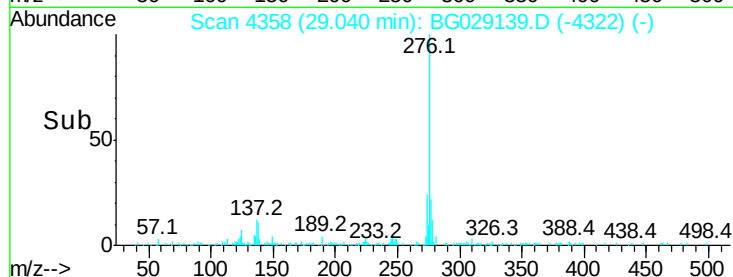
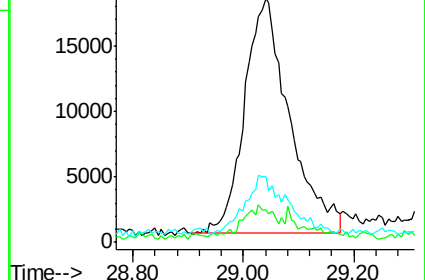
277 27.2 18.0 27.0#



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: 1.781 ng/ul

RT: 29.09 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

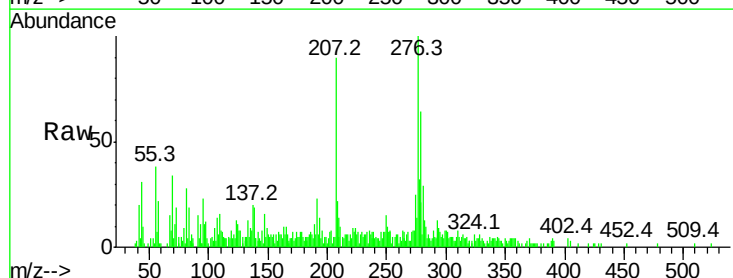
Tgt Ion:278 Resp: 33313

Ion Ratio Lower Upper

278 100

139 6.4 12.2 18.4#

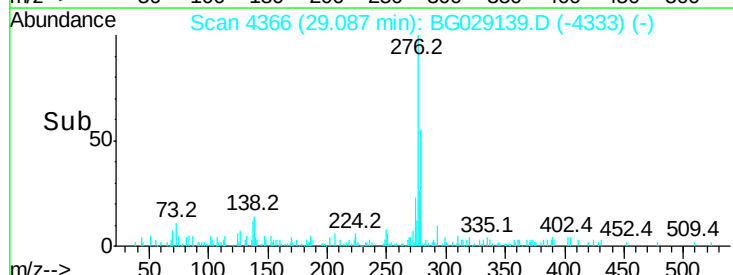
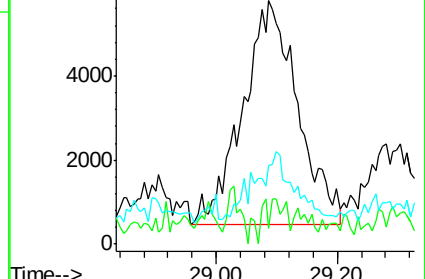
279 32.4 19.2 28.8#

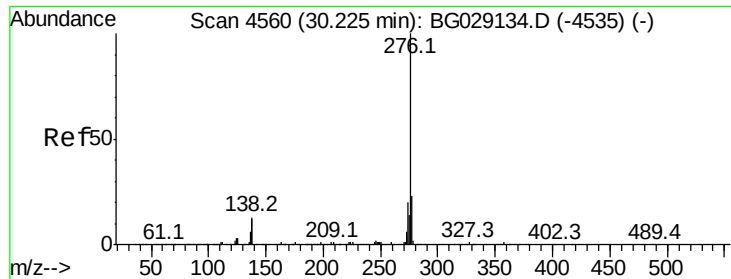


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 4.427 ng/ul

RT: 30.24 min Scan# 4562

Delta R.T. 0.01 min

Lab File: BG029139.D

Acq: 10 Oct 2017 13:45

Instrument :

BNA_G

ClientSampleId :

DAHA2

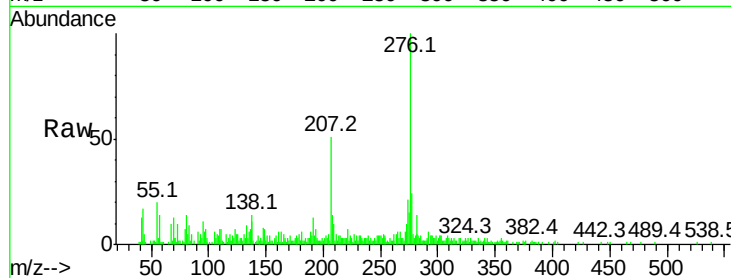
Tot Ion:276 Resp: 82449

Ion Ratio Lower Upper

276 100

138 13.6 15.3 22.9#

277 24.1 19.0 28.4



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

