

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029130.D
 Acq On : 10 Oct 2017 5:58
 Operator : SJ/JU
 Sample : I5576-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH97

Quant Time: Oct 10 08:10:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	64127	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	271515	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	179855	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	399121	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	416717	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	440922	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	533885	28.54	ng/ul	0.00
10) Fluorene-d10	15.81	176	403833	29.77	ng/ul	0.00
14) Anthracene-d10	17.67	188	564064	29.18	ng/ul	0.00
18) Pyrene-d10	19.94	212	684262	32.09	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.97	264	649592	30.75	ng/ul	0.02

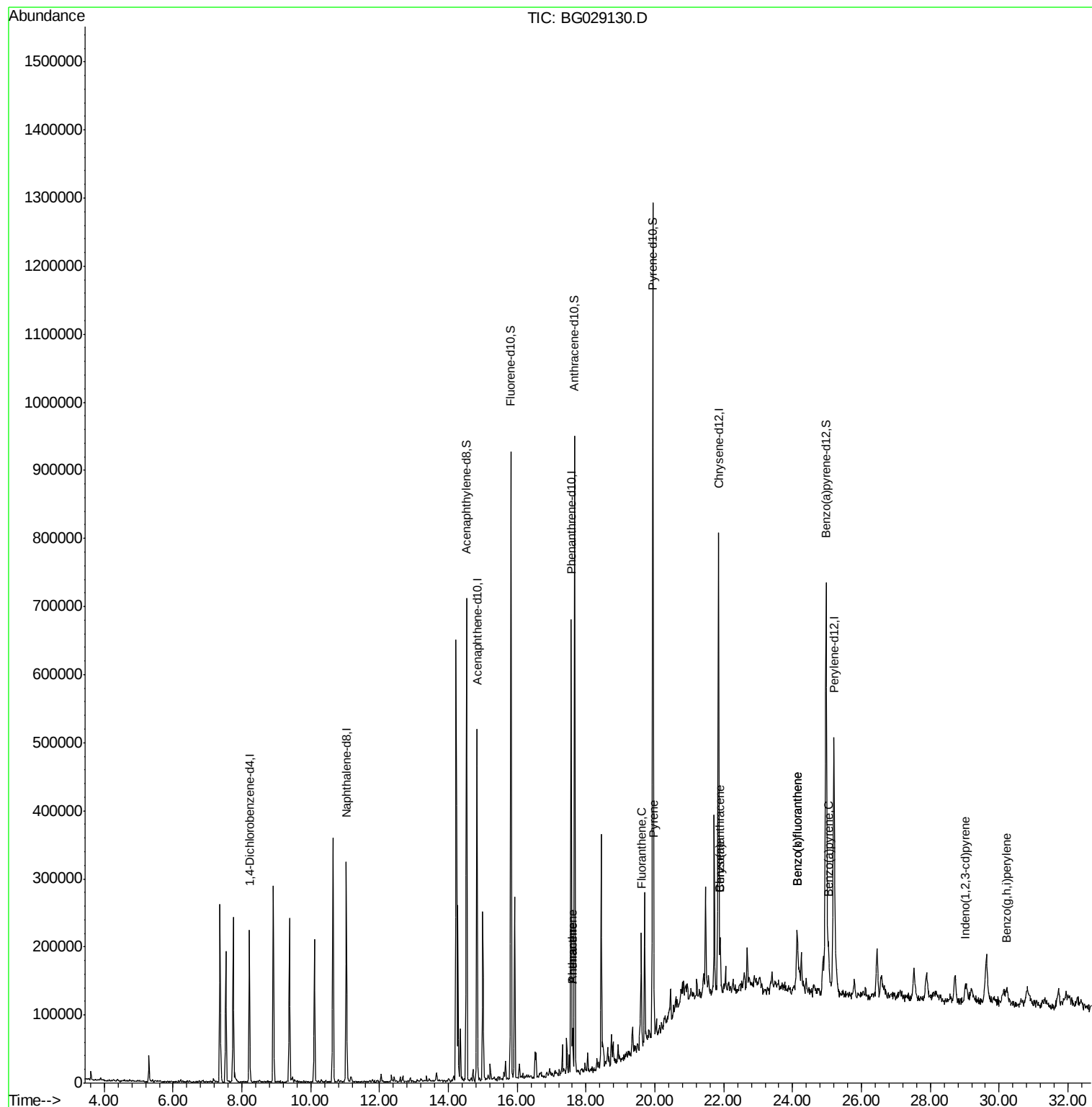
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.61	178	40908	1.922	ng/ul	95
15) Anthracene	17.61	178	41008	1.883	ng/ul	95
16) Fluoranthene	19.60	202	92449	3.704	ng/ul#	90
19) Pyrene	19.96	202	80337	3.093	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	67730	2.760	ng/ul	93
21) Chrysene	21.89	228	67593	3.008	ng/ul	98
23) Benzo(b)fluoranthene	24.13	252	112552	4.267	ng/ul#	95
24) Benzo(k)fluoranthene	24.13	252	116656	4.531	ng/ul#	95
26) Benzo(a)pyrene	25.04	252	73535	2.870	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.02	276	55283	1.901	ng/ul#	94
29) Benzo(g,h,i)perylene	30.21	276	25833	1.077	ng/ul#	92

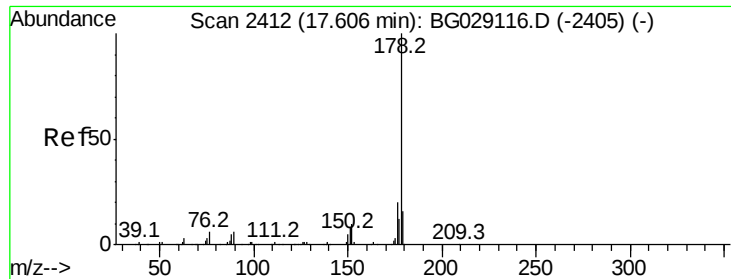
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029130.D
Acq On : 10 Oct 2017 5:58
Operator : SJ/JU
Sample : I5576-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAH97

Quant Time: Oct 10 08:10:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.922 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

DAH97

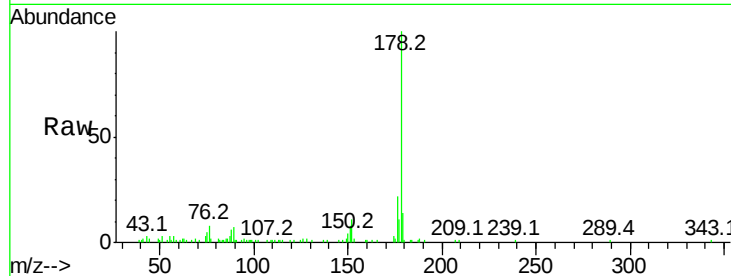
Tot Ion:178 Resp: 40908

Ion Ratio Lower Upper

178 100

179 14.1 12.3 18.5

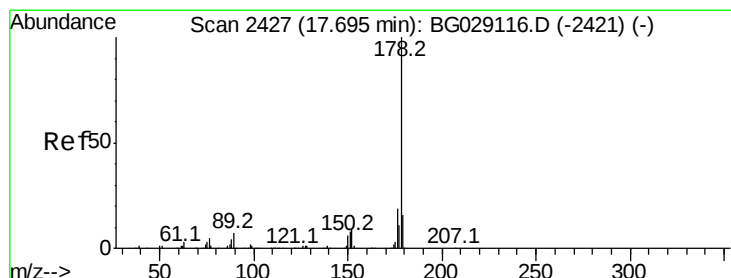
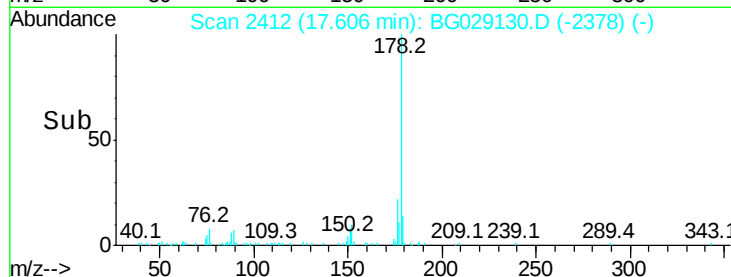
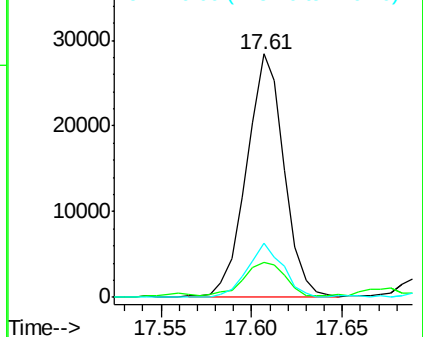
176 22.2 15.1 22.7



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: 1.883 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

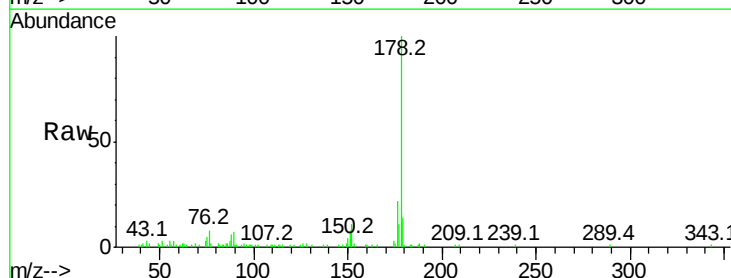
Tgt Ion:178 Resp: 41008

Ion Ratio Lower Upper

178 100

179 14.1 11.8 17.8

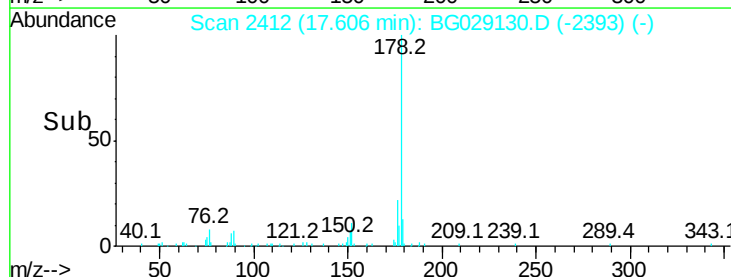
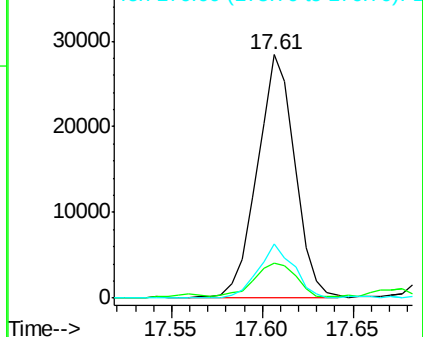
176 22.2 15.2 22.8

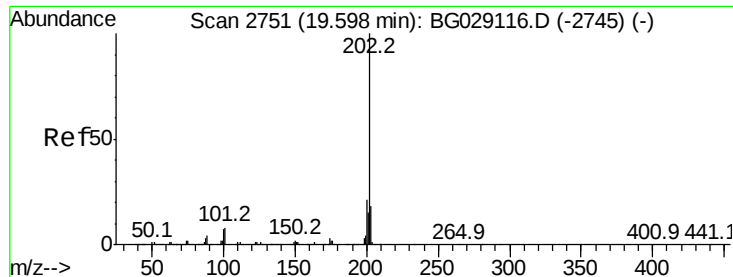


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

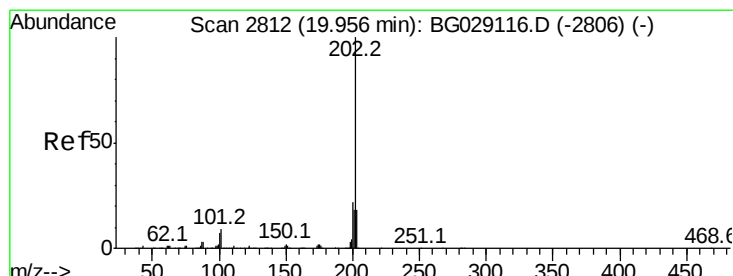
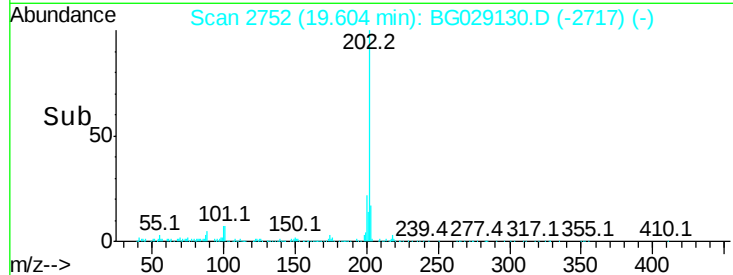
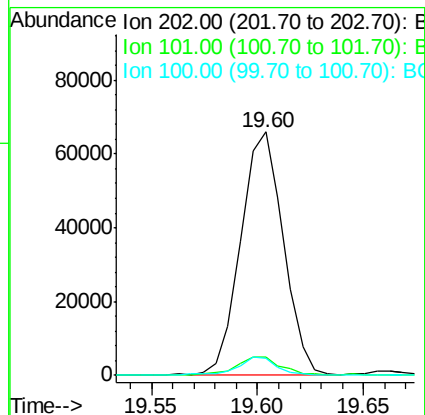
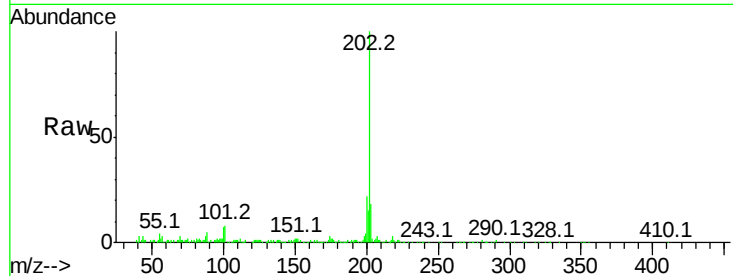




#16
 Fluoranthene
 Concen: 3.704 ng/ul
 RT: 19.60 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BG029130.D
 Acq: 10 Oct 2017 5:58

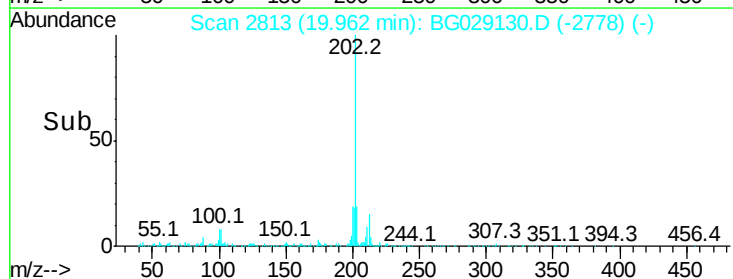
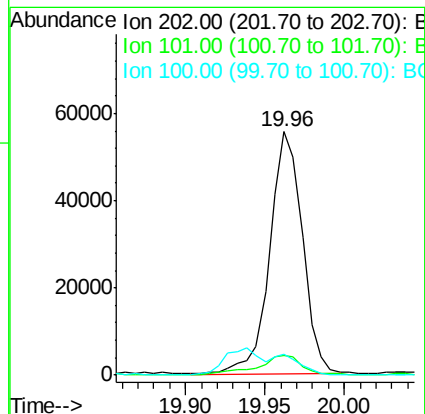
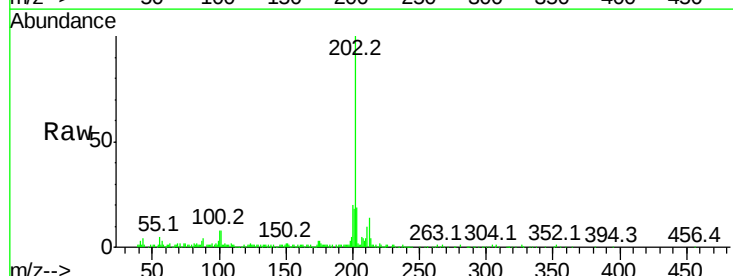
Instrument :
 BNA_G
 ClientSampleId :
 DAH97

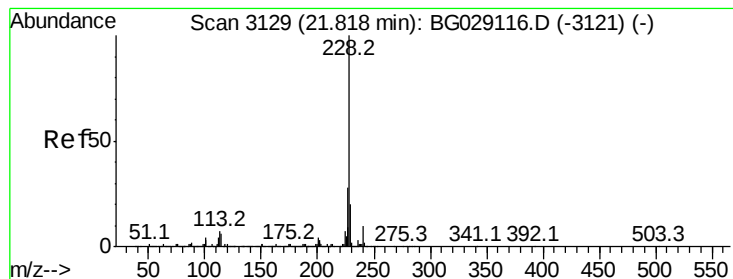
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	9.9	14.9#
100	7.1	7.4	11.0#



#19
 Pyrene
 Concen: 3.093 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BG029130.D
 Acq: 10 Oct 2017 5:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	11.0	16.4#
100	8.4	8.1	12.1





#20

Benzo(a)anthracene

Concen: 2.760 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.07 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

DAH97

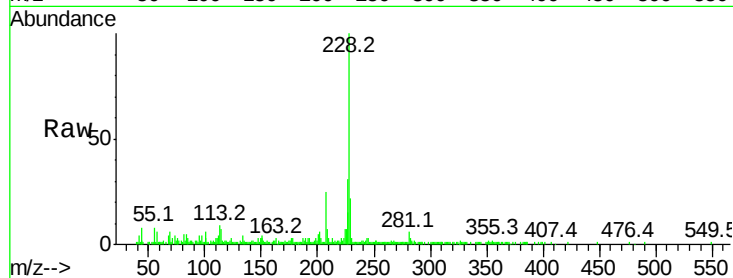
Tot Ion:228 Resp: 67730

Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

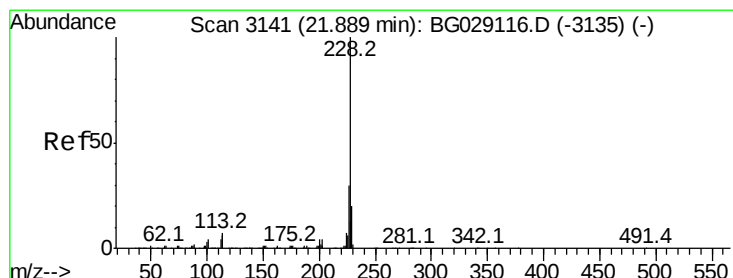
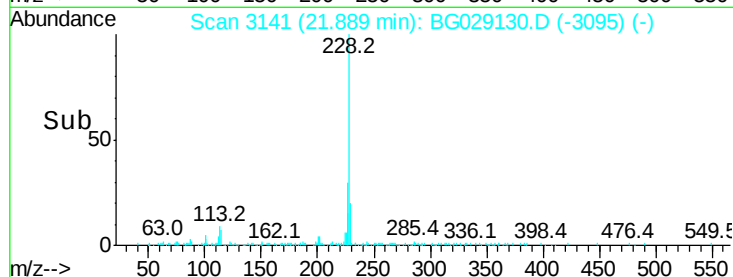
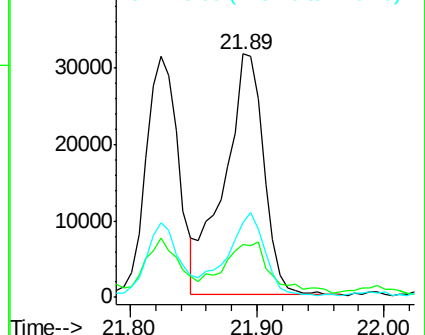
226 30.6 21.1 31.7



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: 3.008 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

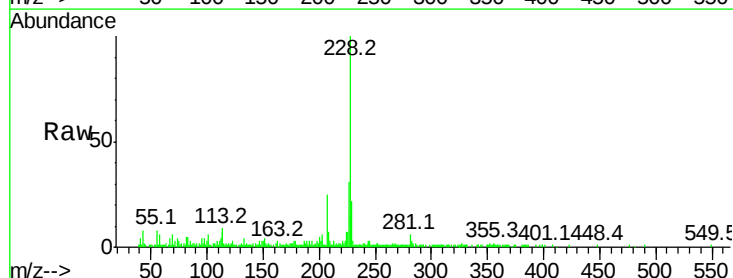
Tgt Ion:228 Resp: 67593

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

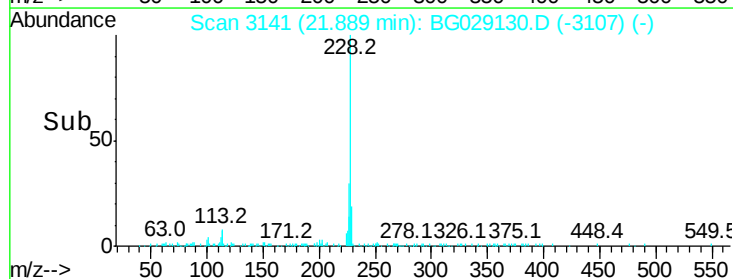
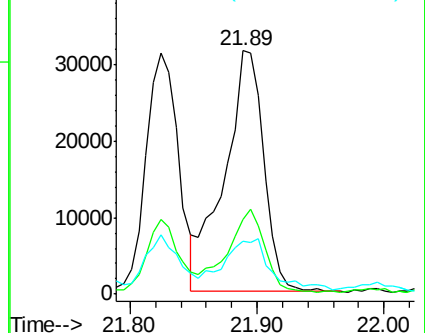
229 21.9 15.8 23.8

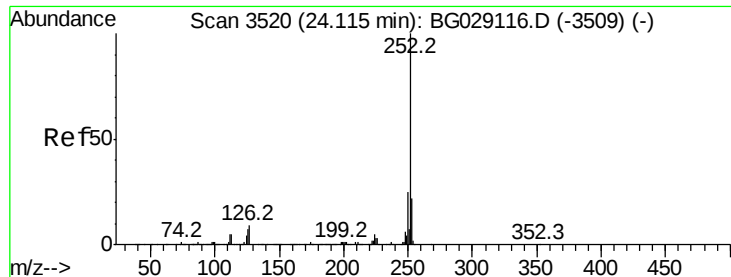


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 4.267 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.01 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

DAH97

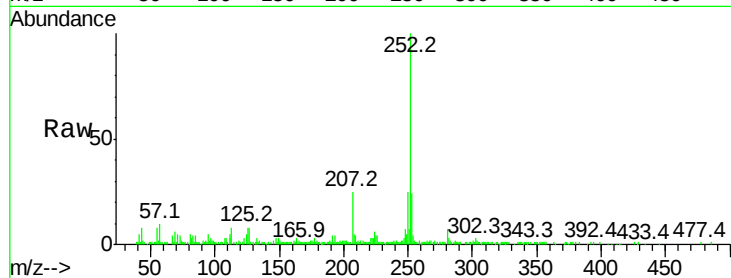
Tot Ion:252 Resp: 112552

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

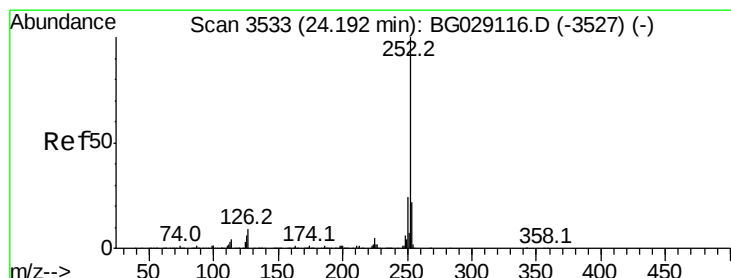
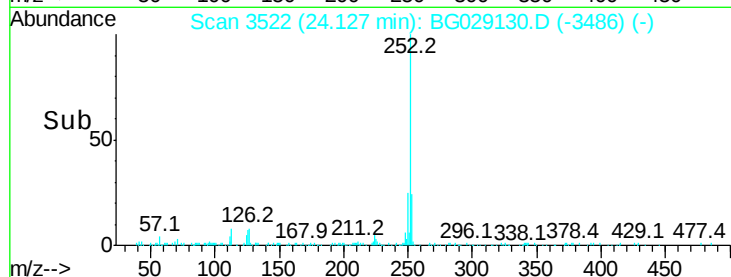
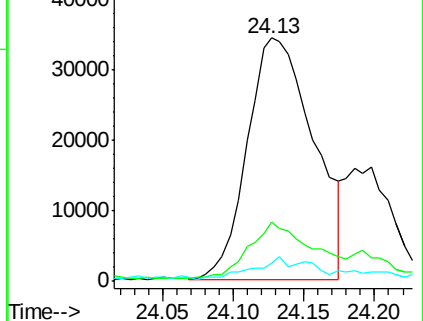
125 7.5 8.0 12.0#



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: 4.531 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.06 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

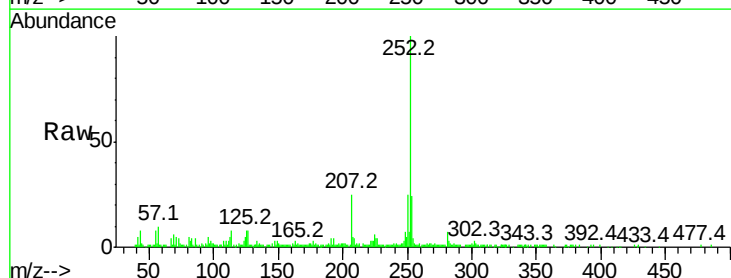
Tgt Ion:252 Resp: 116656

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

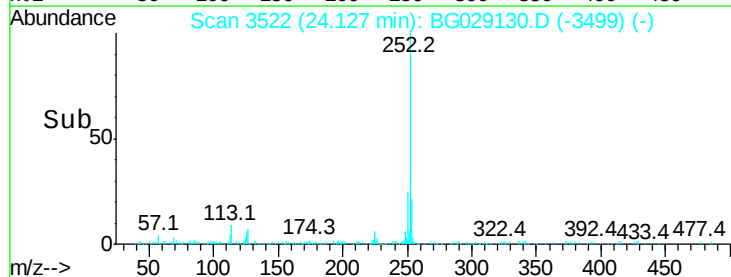
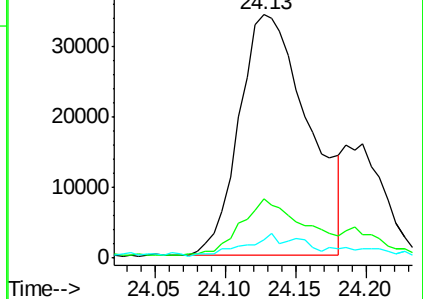
125 7.5 8.1 12.1#

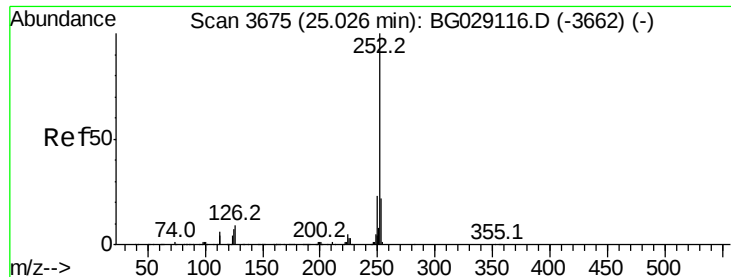


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 2.870 ng/ul

RT: 25.04 min Scan# 3678

Delta R.T. 0.02 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

DAH97

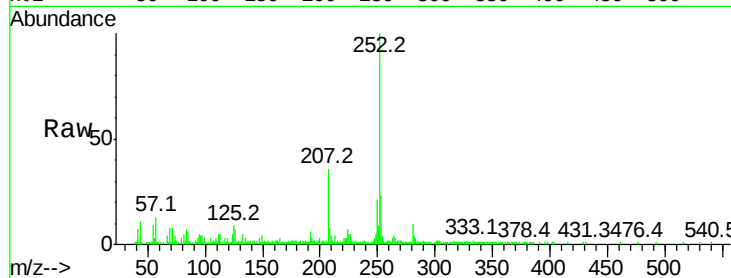
Tot Ion:252 Resp: 73535

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

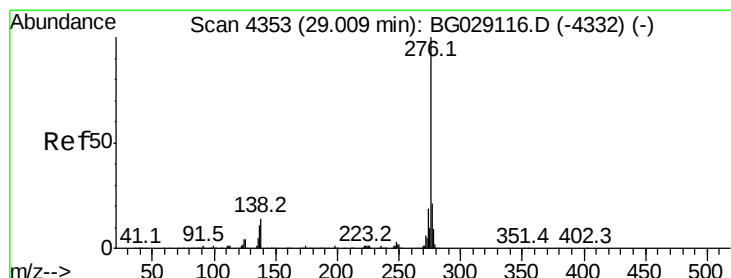
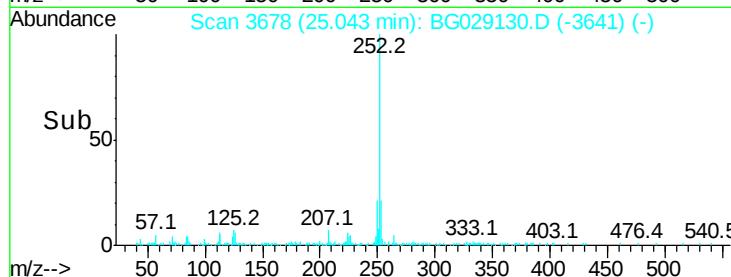
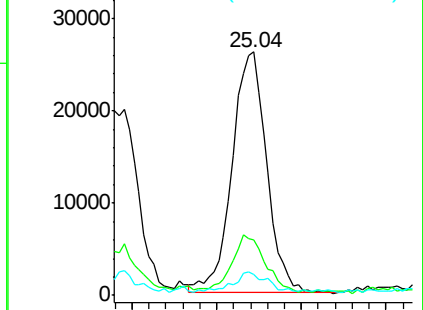
125 8.6 8.2 12.4



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: 1.901 ng/ul

RT: 29.02 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

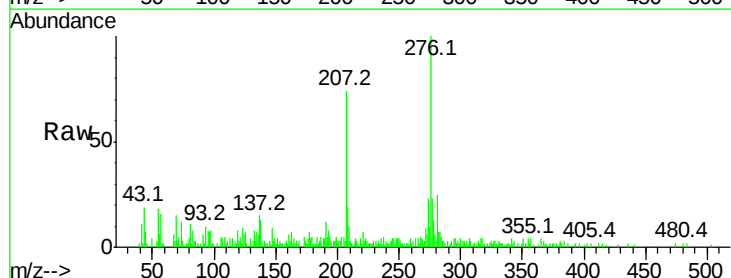
Tgt Ion:276 Resp: 55283

Ion Ratio Lower Upper

276 100

138 13.4 14.4 21.6#

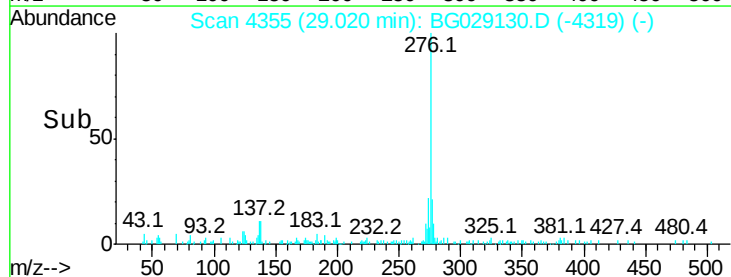
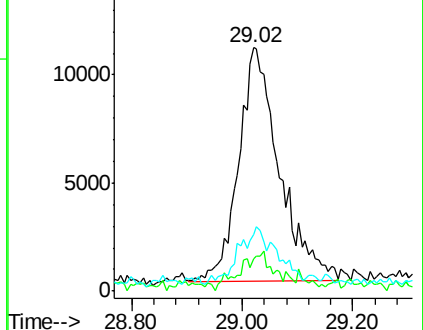
277 23.4 18.0 27.0

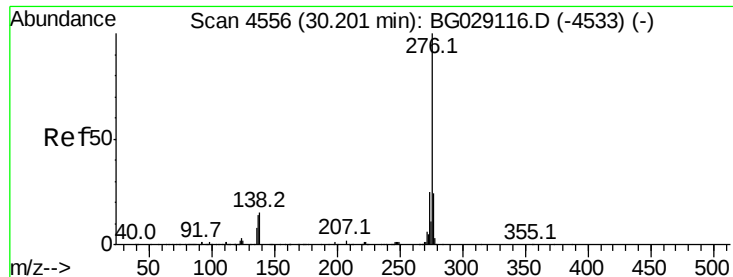


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.077 ng/ul

RT: 30.21 min Scan# 4558

Delta R.T. 0.01 min

Lab File: BG029130.D

Acq: 10 Oct 2017 5:58

Instrument :

BNA_G

ClientSampleId :

DAH97

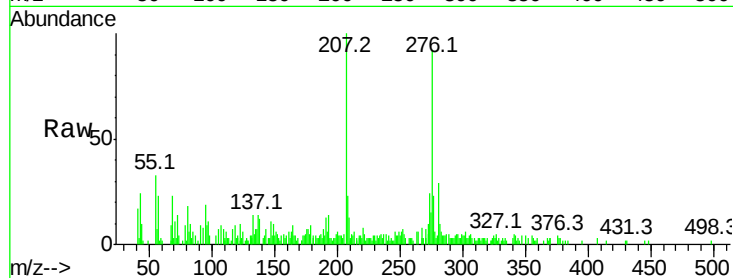
Tot Ion:276 Resp: 25833

Ion Ratio Lower Upper

276 100

138 12.9 15.3 22.9#

277 25.3 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

