

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029141.D
 Acq On : 10 Oct 2017 15:04
 Operator : SJ/JU
 Sample : I5577-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH86

Quant Time: Oct 11 04:17:25 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	47736	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	198688	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	131061	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	302438	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	313045	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	325035	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.53	160	300924	22.08	ng/ul	0.00
10) Fluorene-d10	15.81	176	243253	24.61	ng/ul	0.00
14) Anthracene-d10	17.66	188	361575	24.68	ng/ul	0.00
18) Pyrene-d10	19.94	212	410411	25.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	368613	23.67	ng/ul	0.00

Target Compounds

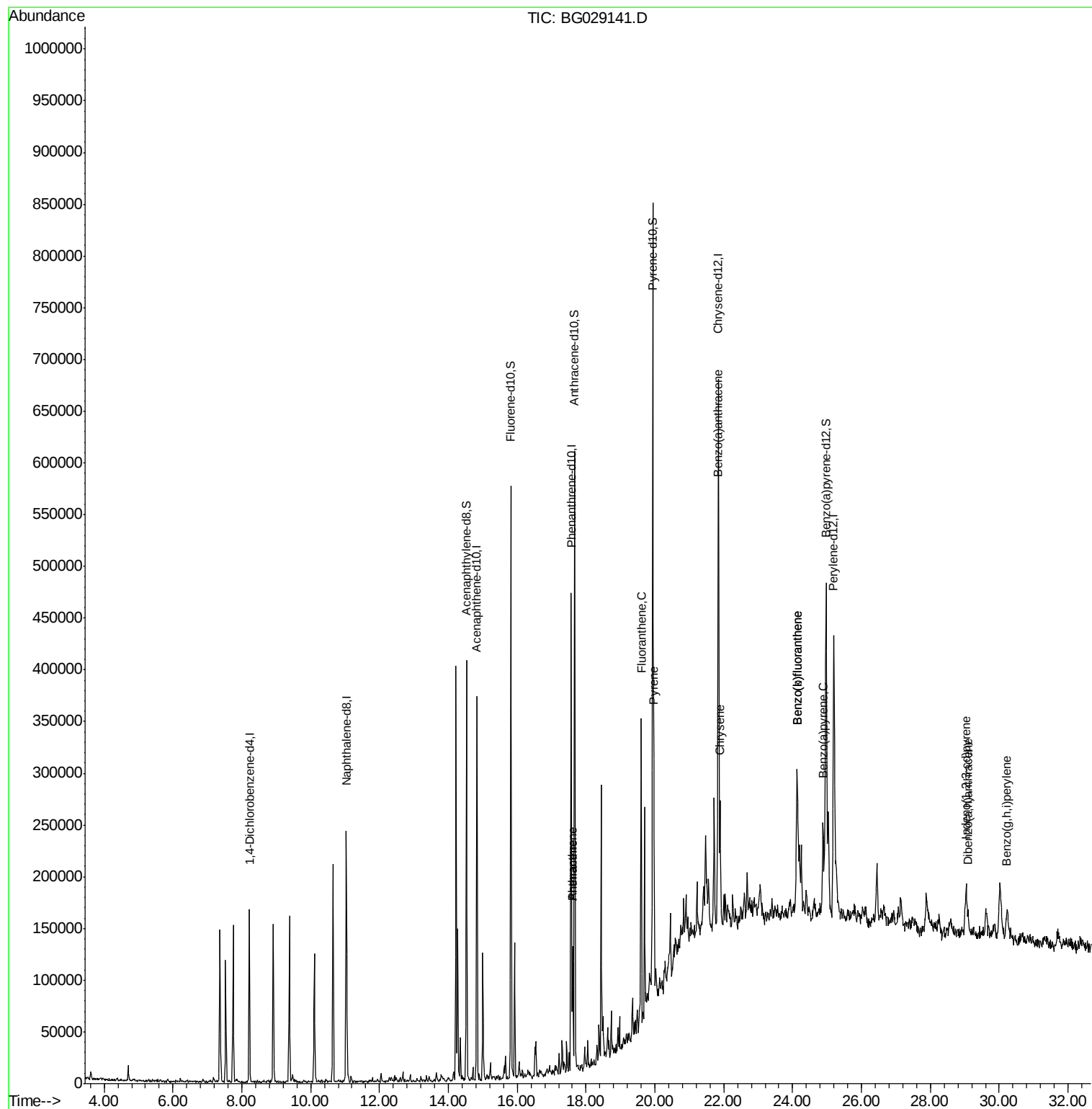
					Ovalue	
13) Phenanthrene	17.60	178	78005	4.835	ng/ul	96
15) Anthracene	17.60	178	78005	4.726	ng/ul	97
16) Fluoranthene	19.60	202	167738	8.870	ng/ul#	91
19) Pyrene	19.97	202	134813	6.909	ng/ul#	88
20) Benzo(a)anthracene	21.83	228	82213	4.459	ng/ul	95
21) Chrysene	21.89	228	108131	6.405	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	189372	9.739	ng/ul	98
24) Benzo(k)fluoranthene	24.13	252	197302	10.396	ng/ul	98
26) Benzo(a)pyrene	24.89	252	82572	4.372	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	29.04	276	90713	4.232	ng/ul#	96
28) Dibenzo(a,h)anthracene	29.09	278	22979	1.295	ng/ul#	82
29) Benzo(g,h,i)perylene	30.22	276	74797	4.232	ng/ul#	87

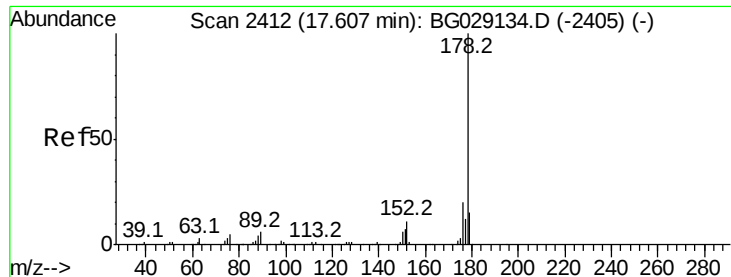
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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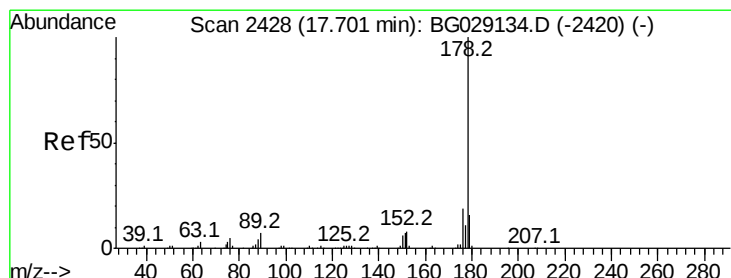
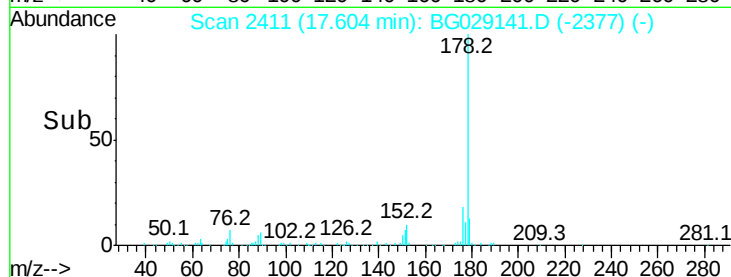
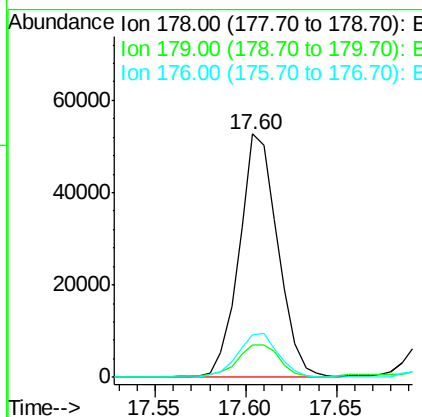
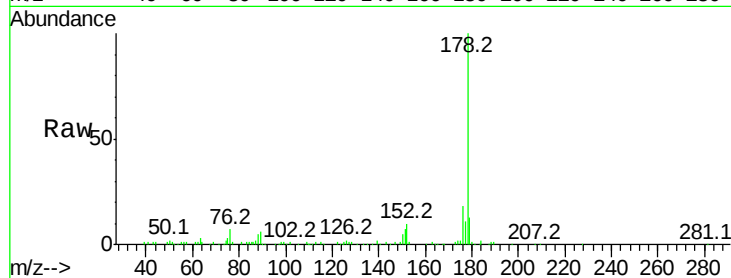




#13
 Phenanthrene
 Concen: 4.835 ng/ul
 RT: 17.60 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG029141.D
 Acq: 10 Oct 2017 15:04

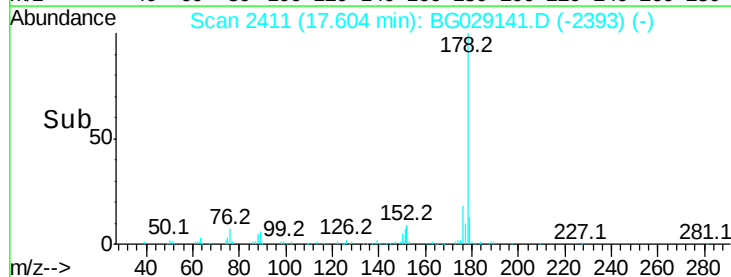
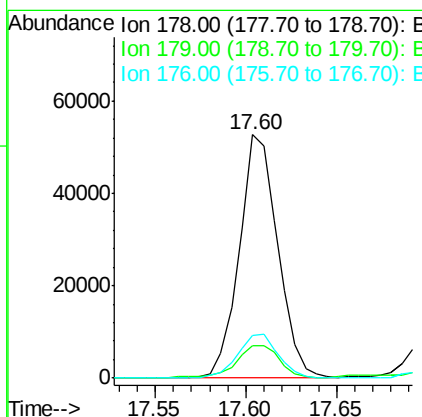
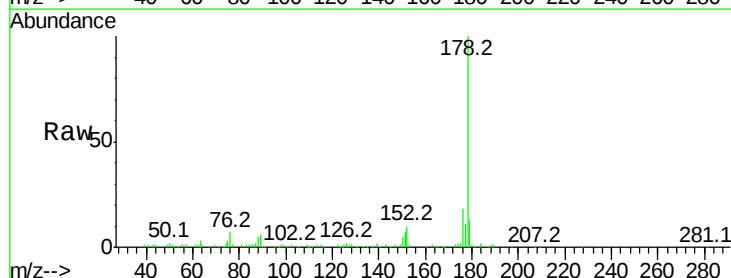
Instrument :
 BNA_G
 ClientSampleId :
 DAH86

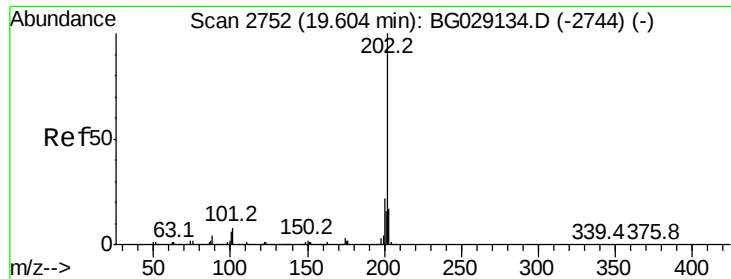
Tot Ion:178 Resp: 78005
 Ion Ratio Lower Upper
 178 100
 179 13.4 12.3 18.5
 176 17.5 15.1 22.7



#15
 Anthracene
 Concen: 4.726 ng/ul
 RT: 17.60 min Scan# 2411
 Delta R.T. -0.10 min
 Lab File: BG029141.D
 Acq: 10 Oct 2017 15:04

Tgt Ion:178 Resp: 78005
 Ion Ratio Lower Upper
 178 100
 179 13.4 11.8 17.8
 176 17.5 15.2 22.8

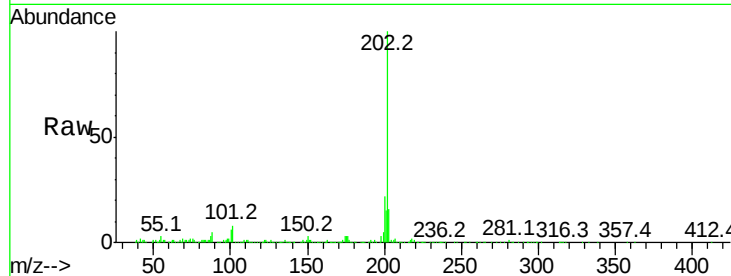




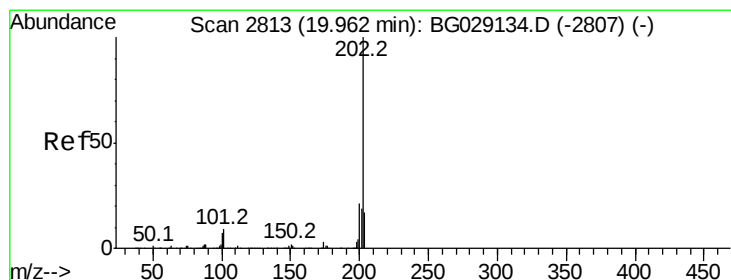
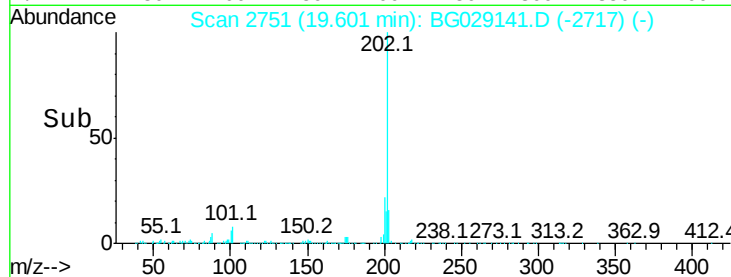
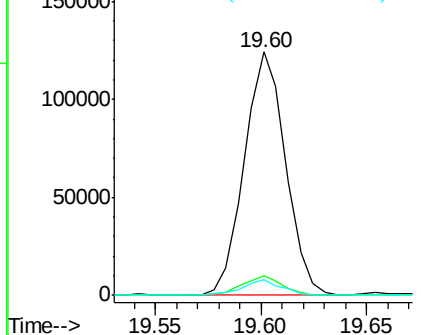
#16
Fluoranthene
Concen: 8.870 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Instrument :
BNA_G
ClientSampleId :
DAH86

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	9.9	14.9#
100	6.3	7.4	11.0#

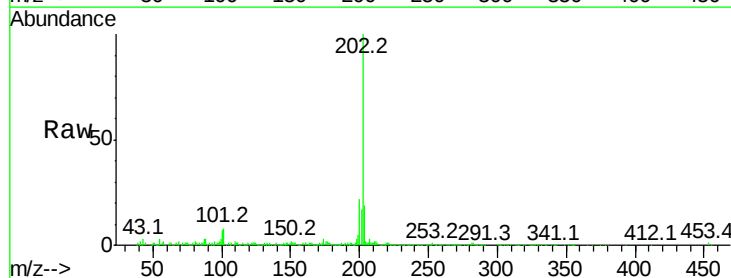


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

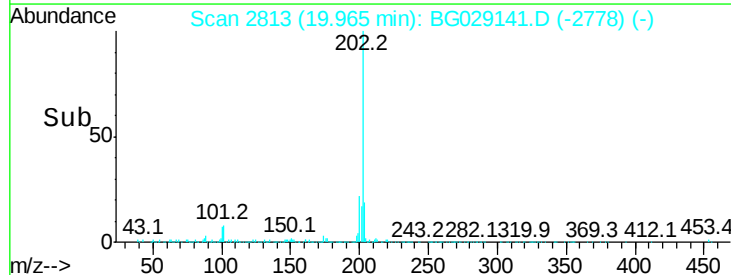
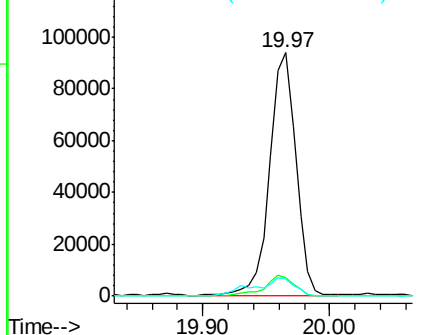


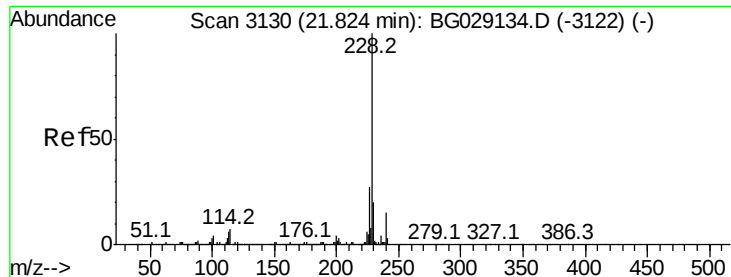
#19
Pyrene
Concen: 6.909 ng/ul
RT: 19.97 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	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: 4.459 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

ClientSampleId :

DAH86

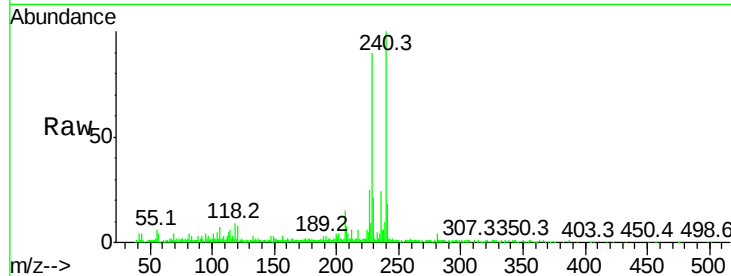
Tot Ion:228 Resp: 82213

Ion Ratio Lower Upper

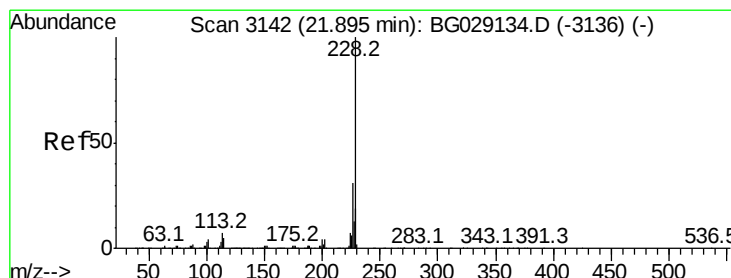
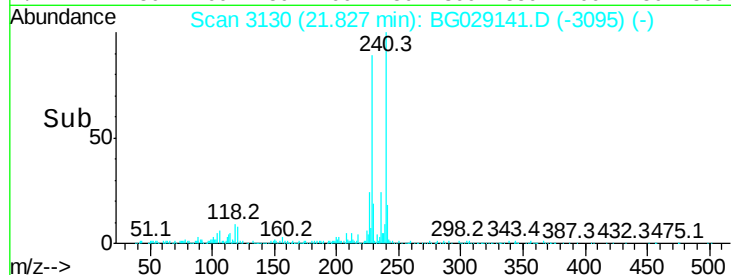
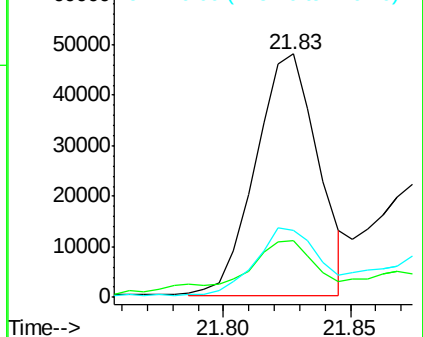
228 100

229 23.4 15.7 23.5

226 27.6 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: 6.405 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

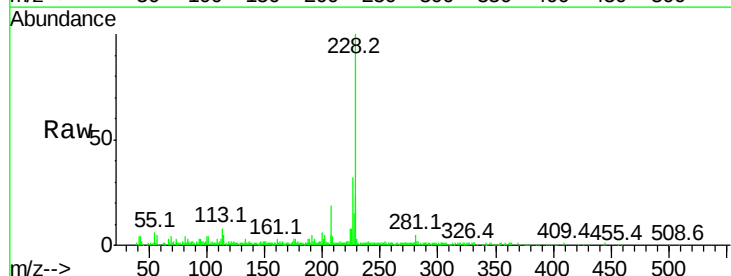
Tgt Ion:228 Resp: 108131

Ion Ratio Lower Upper

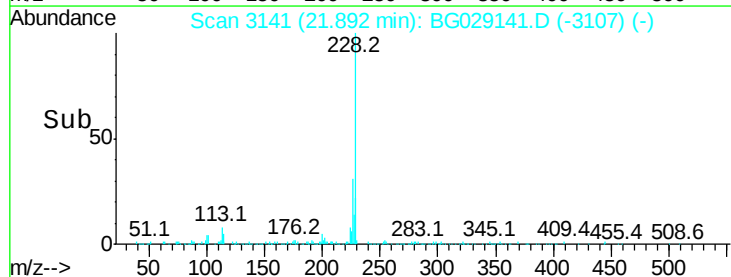
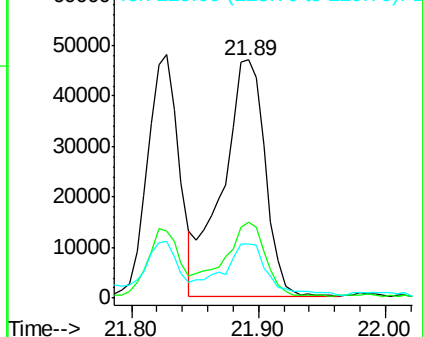
228 100

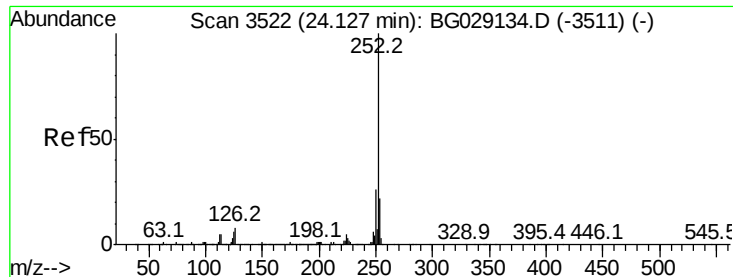
226 31.8 24.5 36.7

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: 9.739 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

ClientSampleId :

DAH86

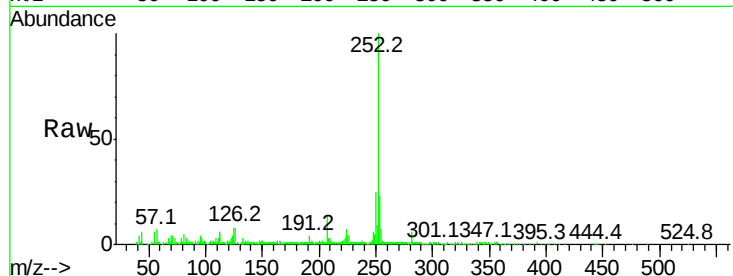
Tot Ion:252 Resp: 189372

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

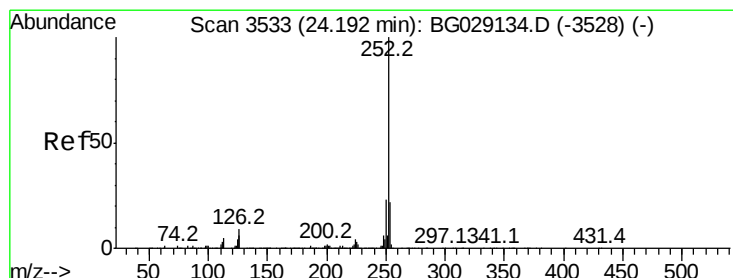
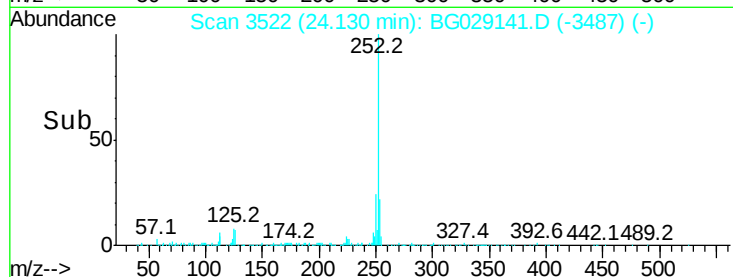
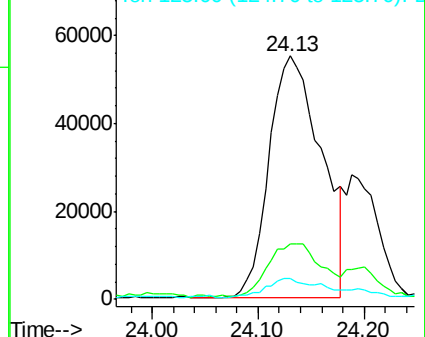
125 8.4 8.0 12.0



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: 10.396 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.06 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

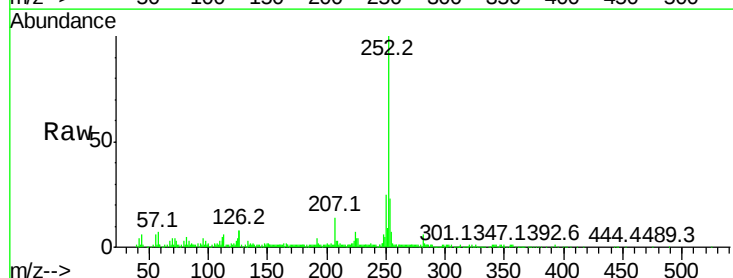
Tgt Ion:252 Resp: 197302

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

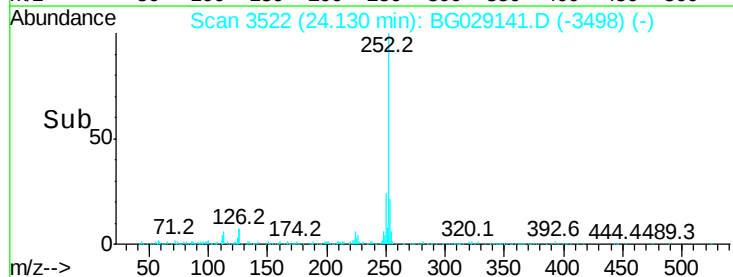
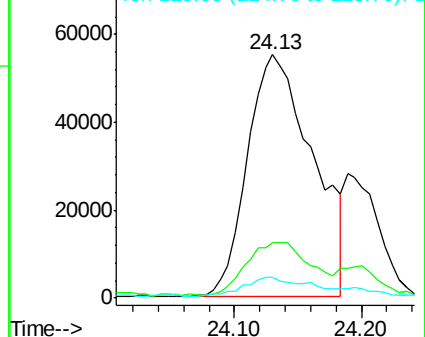
125 8.4 8.1 12.1

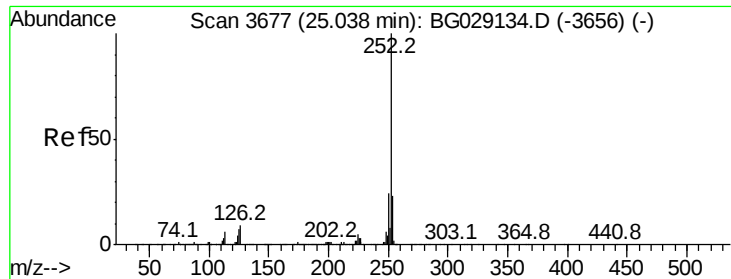


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.372 ng/ul

RT: 24.89 min Scan# 3651

Delta R.T. -0.15 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

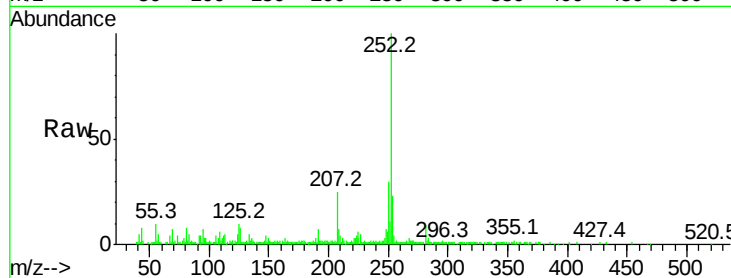
BNA_G

ClientSampleId :

DAH86

Tot Ion:252 Resp: 82572

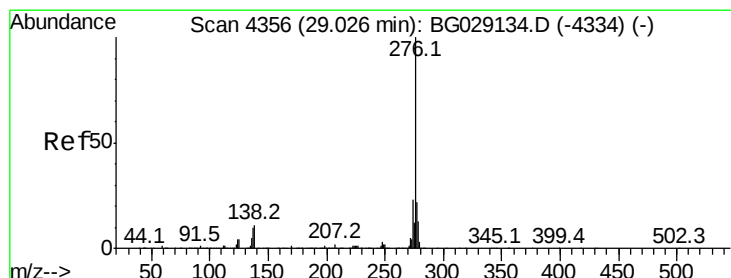
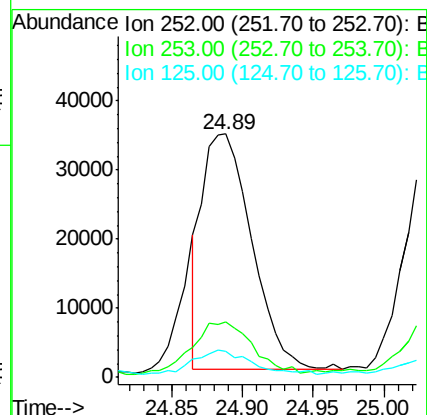
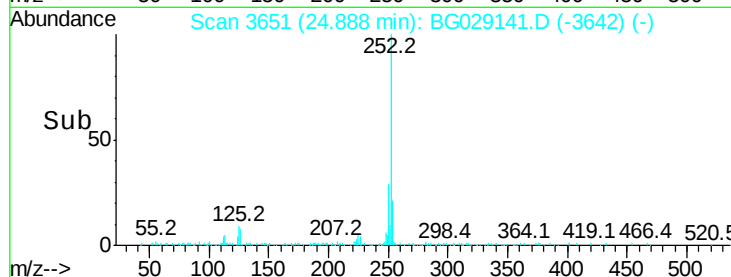
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.4	8.2	12.4



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: 4.232 ng/ul

RT: 29.04 min Scan# 4357

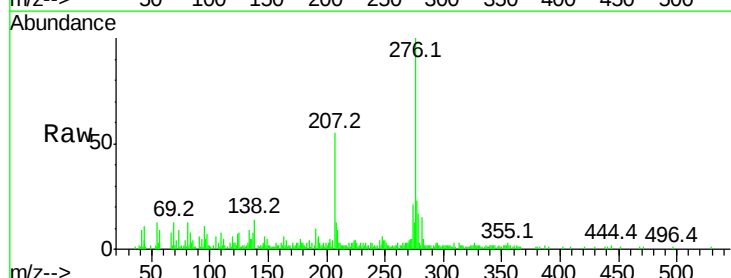
Delta R.T. 0.01 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Tgt Ion:276 Resp: 90713

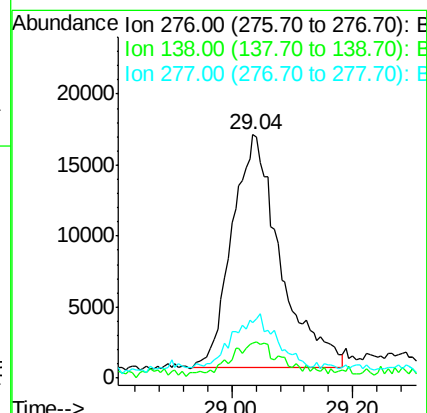
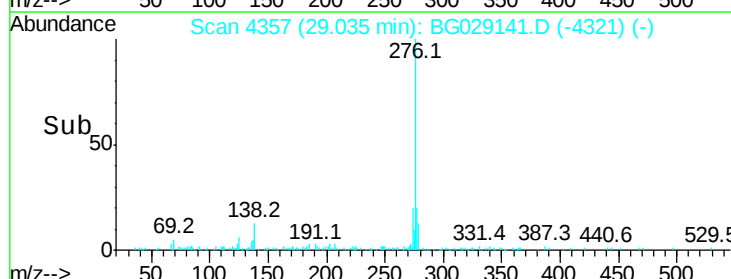
Ion	Ratio	Lower	Upper
276	100		
138	14.3	14.4	21.6#
277	22.6	18.0	27.0

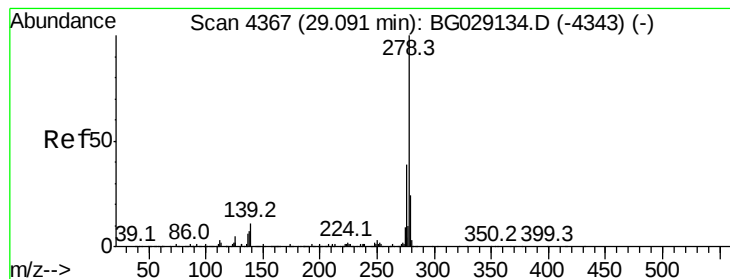


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.295 ng/ul

RT: 29.09 min Scan# 4367

Delta R.T. 0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

ClientSampleId :

DAH86

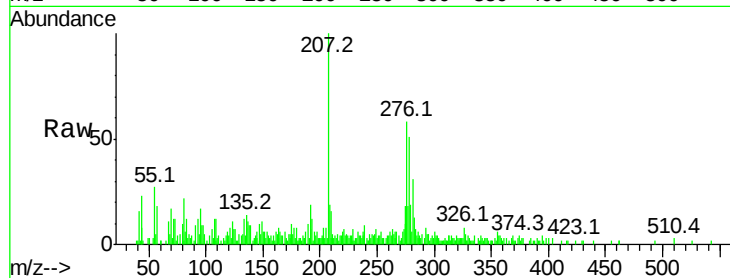
Tot Ion:278 Resp: 22979

Ion Ratio Lower Upper

278 100

139 16.7 12.2 18.4

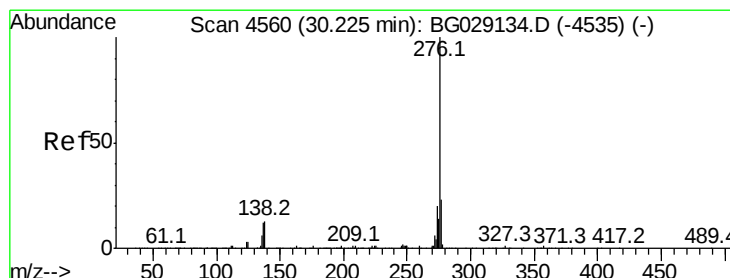
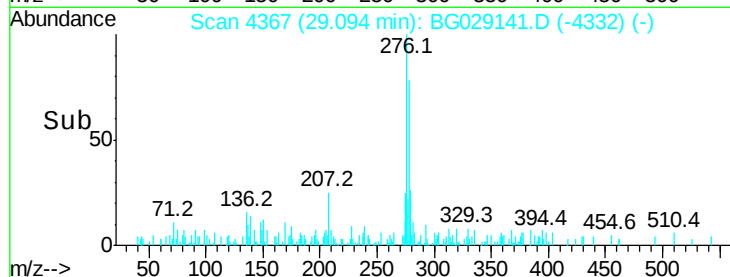
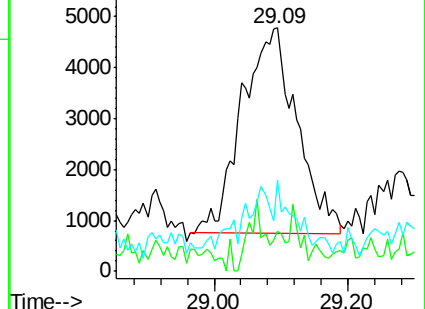
279 37.7 19.2 28.8#



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(g,h,i)perylene

Concen: 4.232 ng/ul

RT: 30.22 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

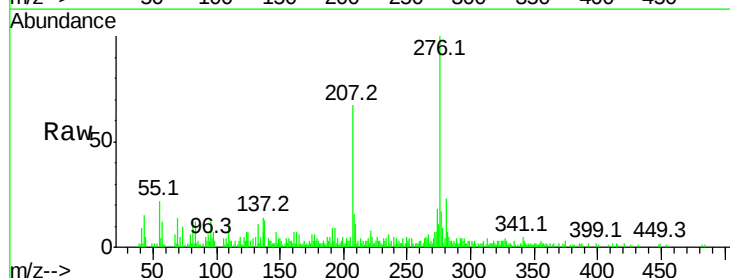
Tgt Ion:276 Resp: 74797

Ion Ratio Lower Upper

276 100

138 13.3 15.3 22.9#

277 17.5 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

