

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029127.D
 Acq On : 10 Oct 2017 3:58
 Operator : SJ/JU
 Sample : I5576-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHA0

Quant Time: Oct 10 06:37:07 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

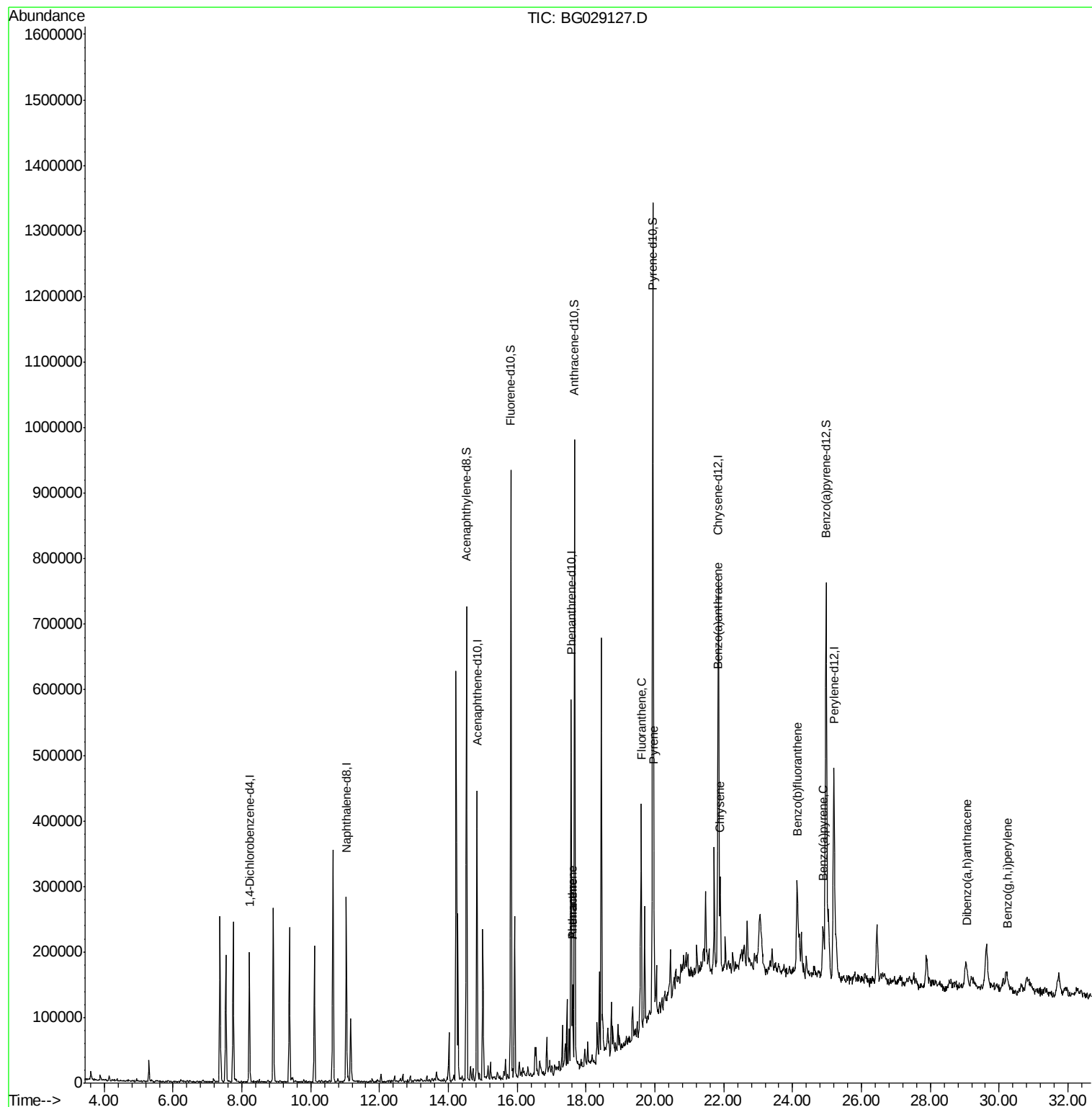
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	57756	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	237260	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	153877	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	349521	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	367629	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	380620	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	521757	32.60	ng/ul	0.00
10) Fluorene-d10	15.82	176	393011	33.86	ng/ul	0.00
14) Anthracene-d10	17.67	188	570741	33.71	ng/ul	0.00
18) Pyrene-d10	19.93	212	692120	36.80	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	664907	36.47	ng/ul	0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	82816	4.442	ng/ul	96
15) Anthracene	17.61	178	81809	4.289	ng/ul	96
16) Fluoranthene	19.60	202	188202	8.612	ng/ul#	89
19) Pyrene	19.96	202	165648	7.228	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	105191	4.859	ng/ul#	95
21) Chrysene	21.90	228	120660	6.086	ng/ul#	95
23) Benzo(b)fluoranthene	24.13	252	186796	8.204	ng/ul#	97
26) Benzo(a)pyrene	24.89	252	72819	3.293	ng/ul	99
28) Dibenzo(a,h)anthracene	29.07	278	22012	1.059	ng/ul#	73
29) Benzo(g,h,i)perylene	30.23	276	71617	3.460	ng/ul#	91

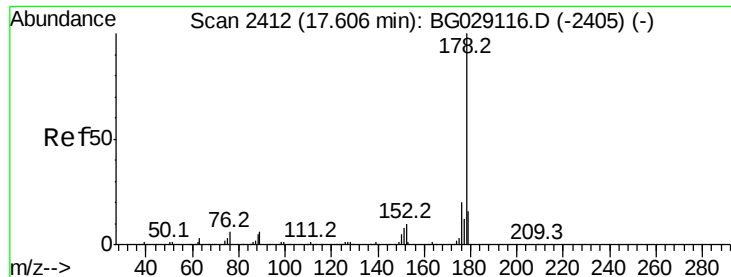
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.442 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

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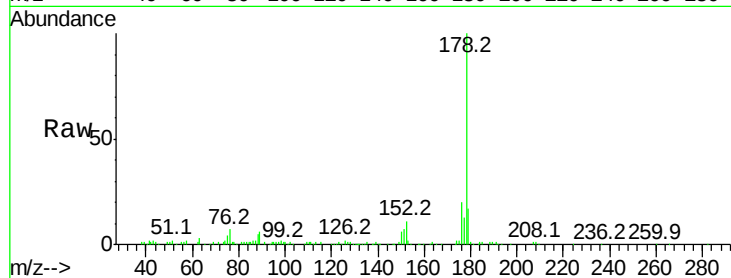
Tot Ion:178 Resp: 82816

Ion Ratio Lower Upper

178 100

179 17.3 12.3 18.5

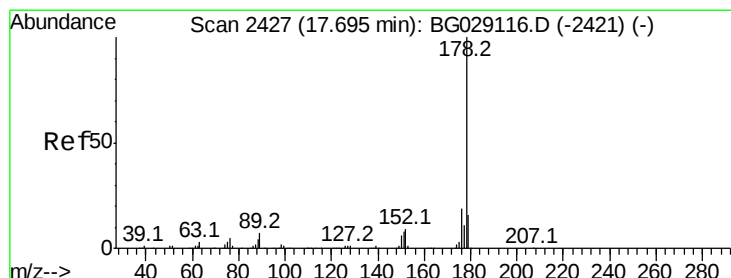
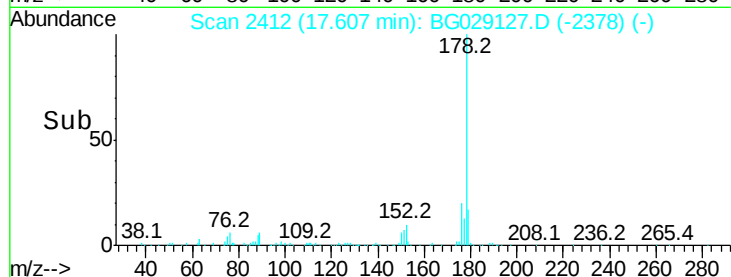
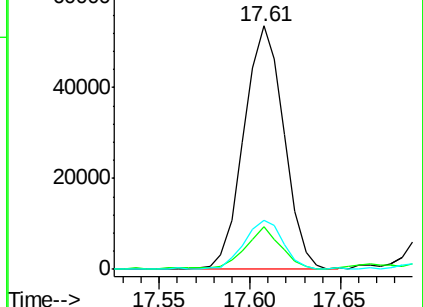
176 20.4 15.1 22.7



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



#15

Anthracene

Concen: 4.289 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. -0.09 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

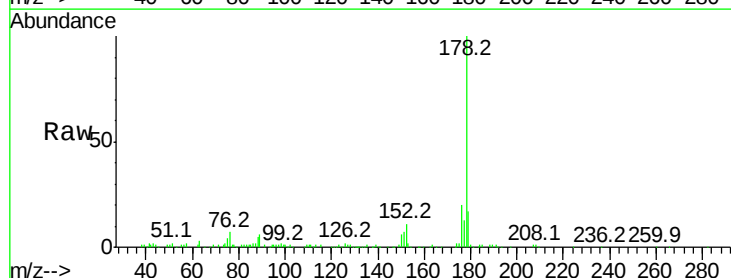
Tgt Ion:178 Resp: 81809

Ion Ratio Lower Upper

178 100

179 17.3 11.8 17.8

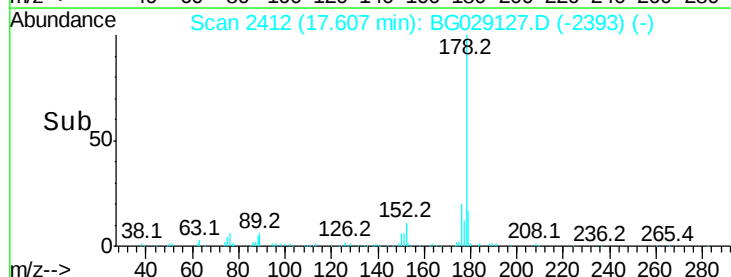
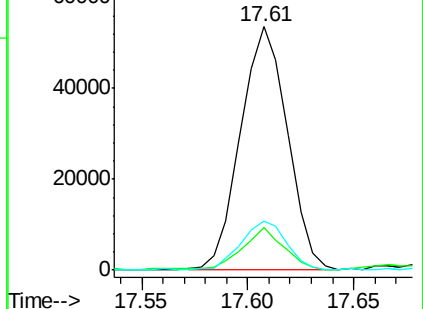
176 20.4 15.2 22.8

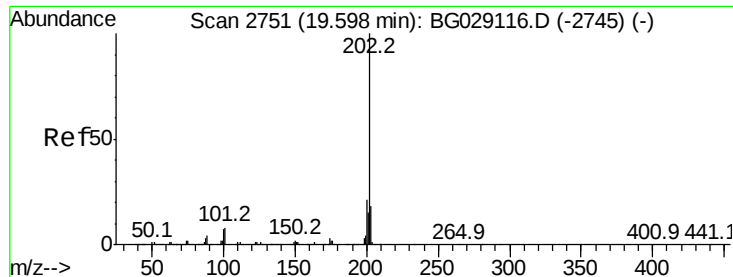


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

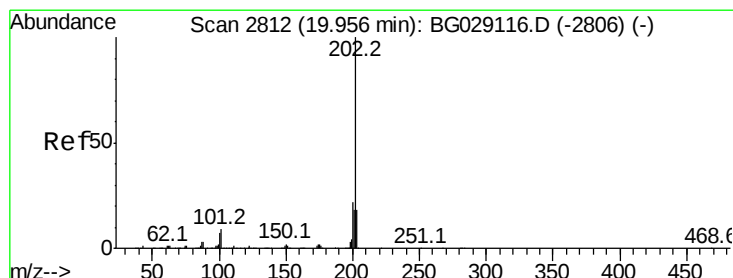
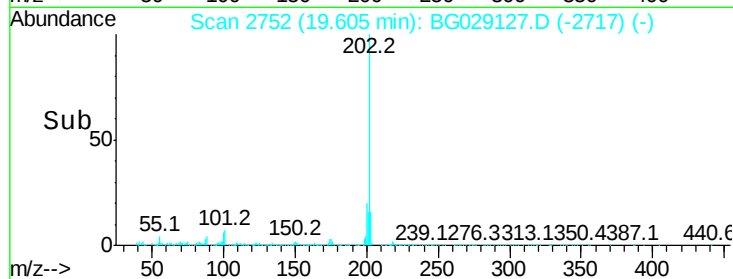
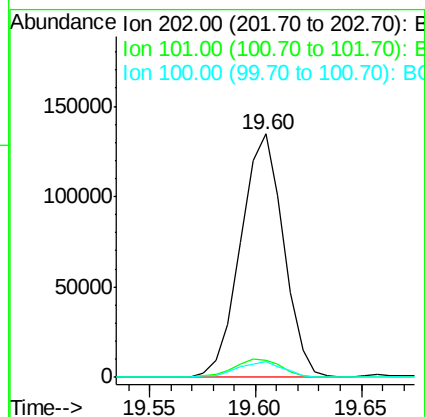
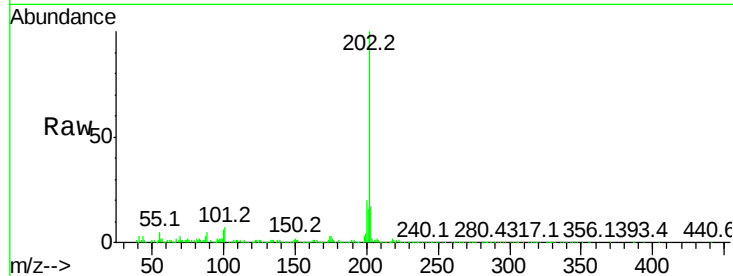




#16
 Fluoranthene
 Concen: 8.612 ng/ul
 RT: 19.60 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BG029127.D
 Acq: 10 Oct 2017 3:58

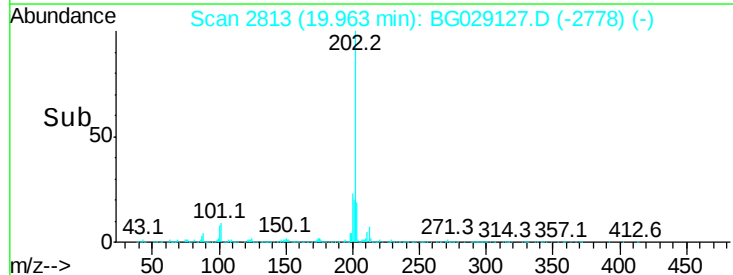
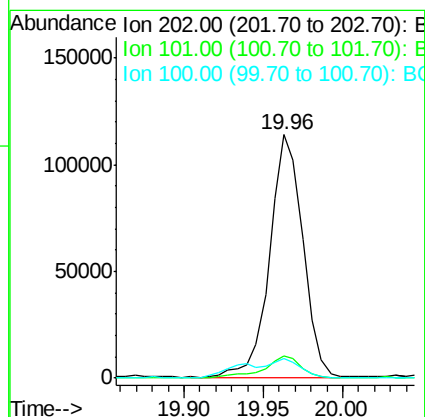
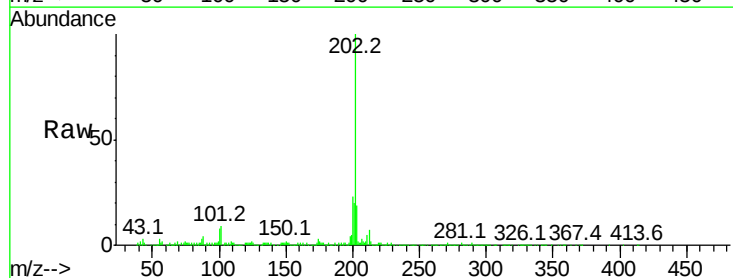
Instrument :
 BNA_G
 ClientSampleId :
 DAHA0

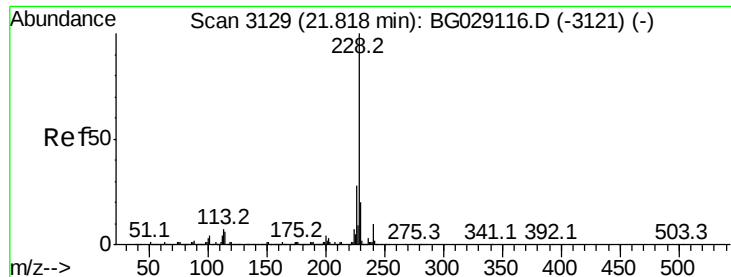
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.1	9.9	14.9#
100	6.2	7.4	11.0#



#19
 Pyrene
 Concen: 7.228 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.01 min
 Lab File: BG029127.D
 Acq: 10 Oct 2017 3:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	11.0	16.4#
100	8.0	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 4.859 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DAHA0

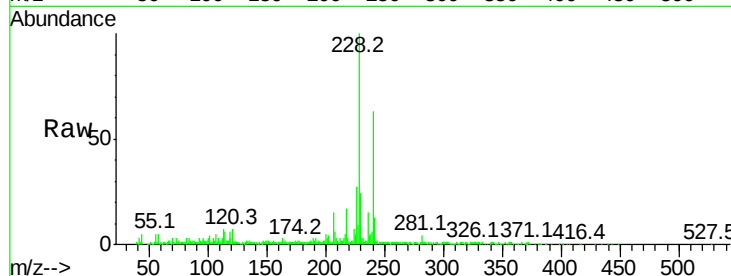
Tot Ion:228 Resp: 105191

Ion Ratio Lower Upper

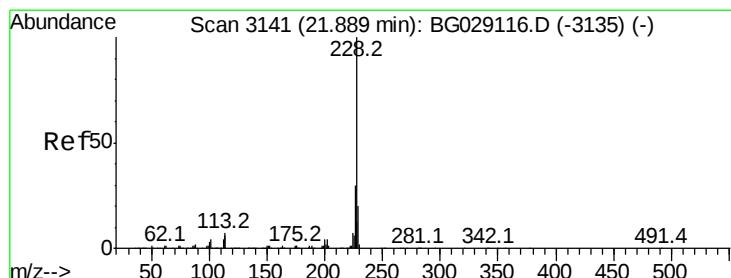
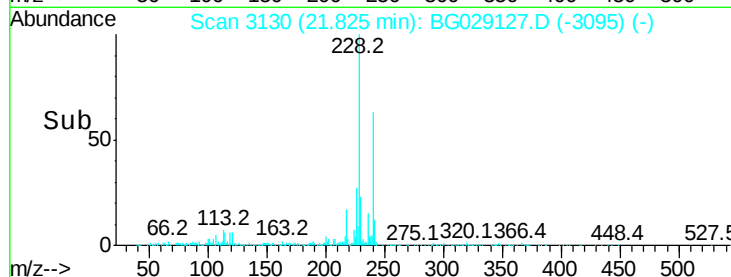
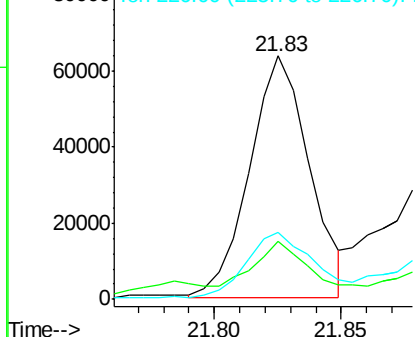
228 100

229 23.8 15.7 23.5#

226 27.4 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: 6.086 ng/ul

RT: 21.90 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

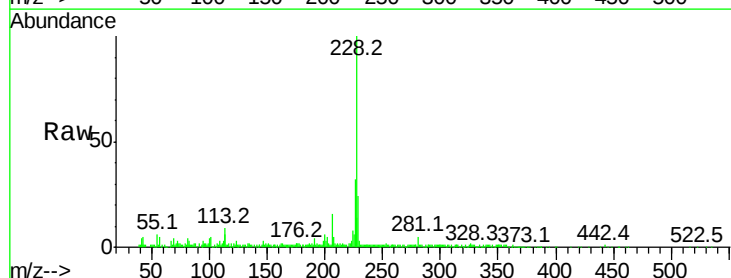
Tgt Ion:228 Resp: 120660

Ion Ratio Lower Upper

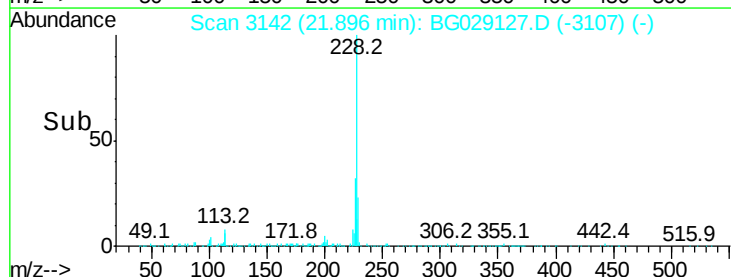
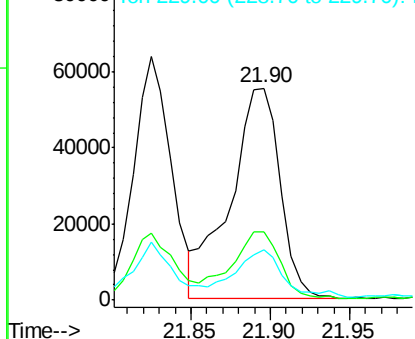
228 100

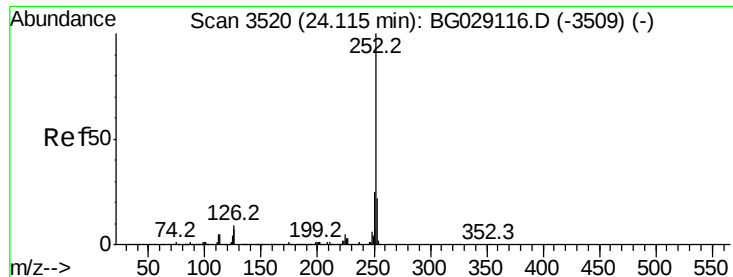
226 32.0 24.5 36.7

229 23.8 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: 8.204 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DAHA0

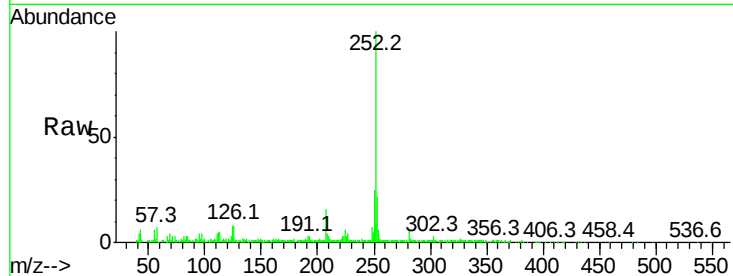
Tot Ion:252 Resp: 186796

Ion Ratio Lower Upper

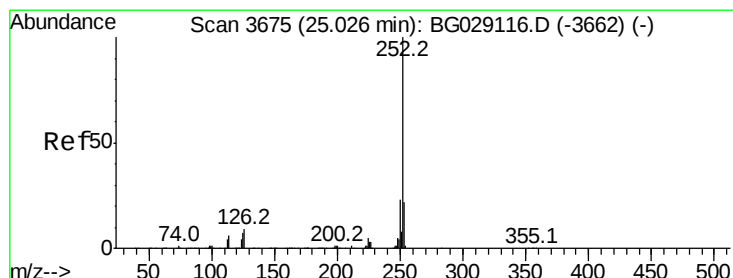
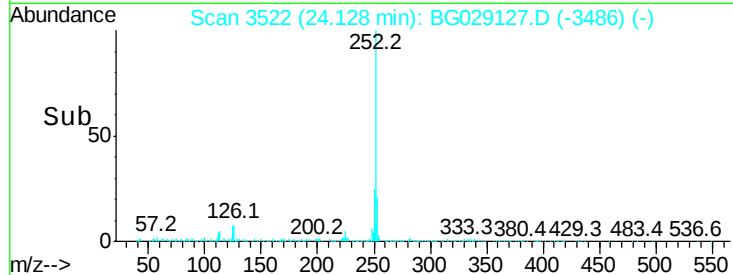
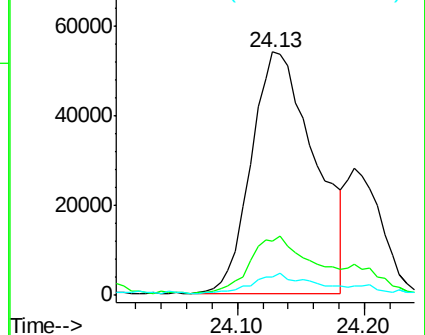
252 100

253 22.0 18.0 27.0

125 7.8 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



#26

Benzo(a)pyrene

Concen: 3.293 ng/ul

RT: 24.89 min Scan# 3651

Delta R.T. -0.14 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

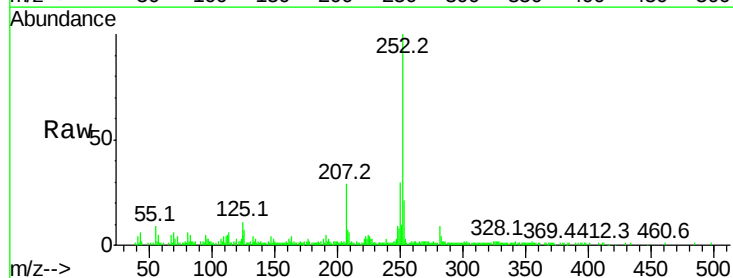
Tgt Ion:252 Resp: 72819

Ion Ratio Lower Upper

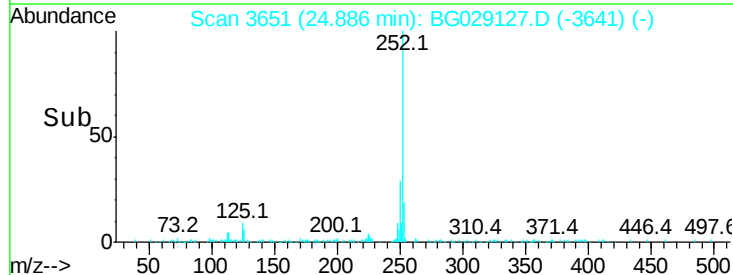
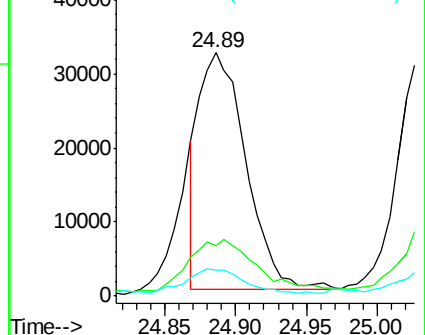
252 100

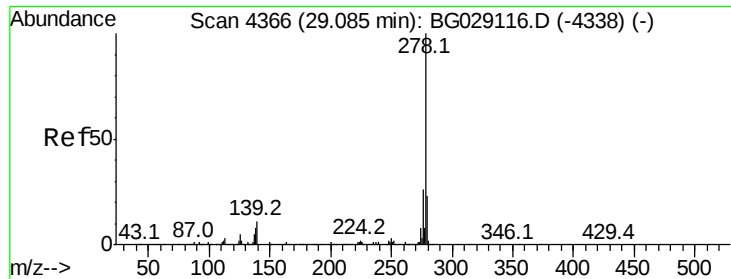
253 20.8 17.2 25.8

125 10.8 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





#28

Dibenzo(a,h)anthracene

Concen: 1.059 ng/ul

RT: 29.07 min Scan# 4364

Delta R.T. -0.01 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DAHA0

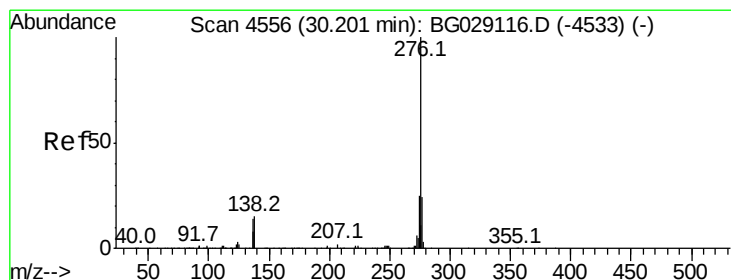
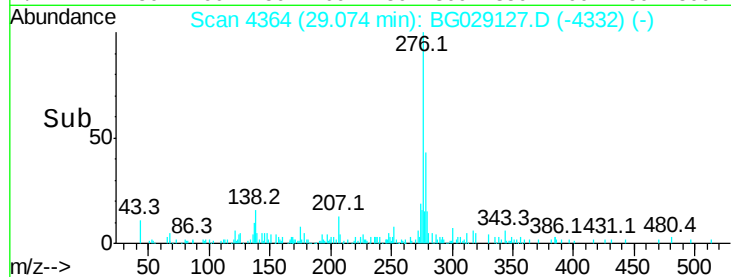
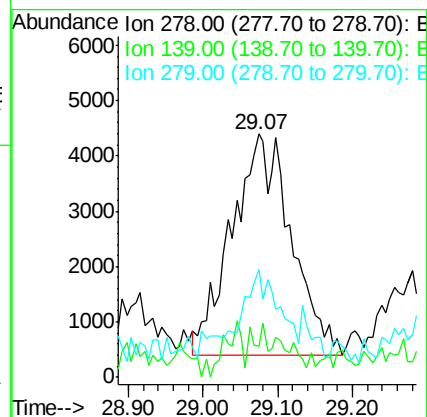
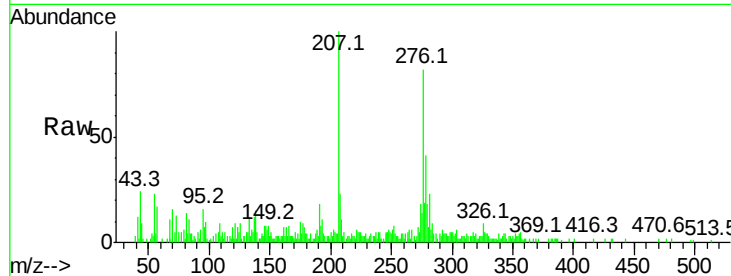
Tot Ion:278 Resp: 22012

Ion Ratio Lower Upper

278 100

139 13.0 12.2 18.4

279 44.4 19.2 28.8#



#29

Benzo(g,h,i)perylene

Concen: 3.460 ng/ul

RT: 30.23 min Scan# 4560

Delta R.T. 0.02 min

Lab File: BG029127.D

Acq: 10 Oct 2017 3:58

Tgt Ion:276 Resp: 71617

Ion Ratio Lower Upper

276 100

138 14.3 15.3 22.9#

277 27.8 19.0 28.4

