

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029142.D
 Acq On : 10 Oct 2017 15:43
 Operator : SJ/JU
 Sample : I5577-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH91

Quant Time: Oct 11 04:17:41 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

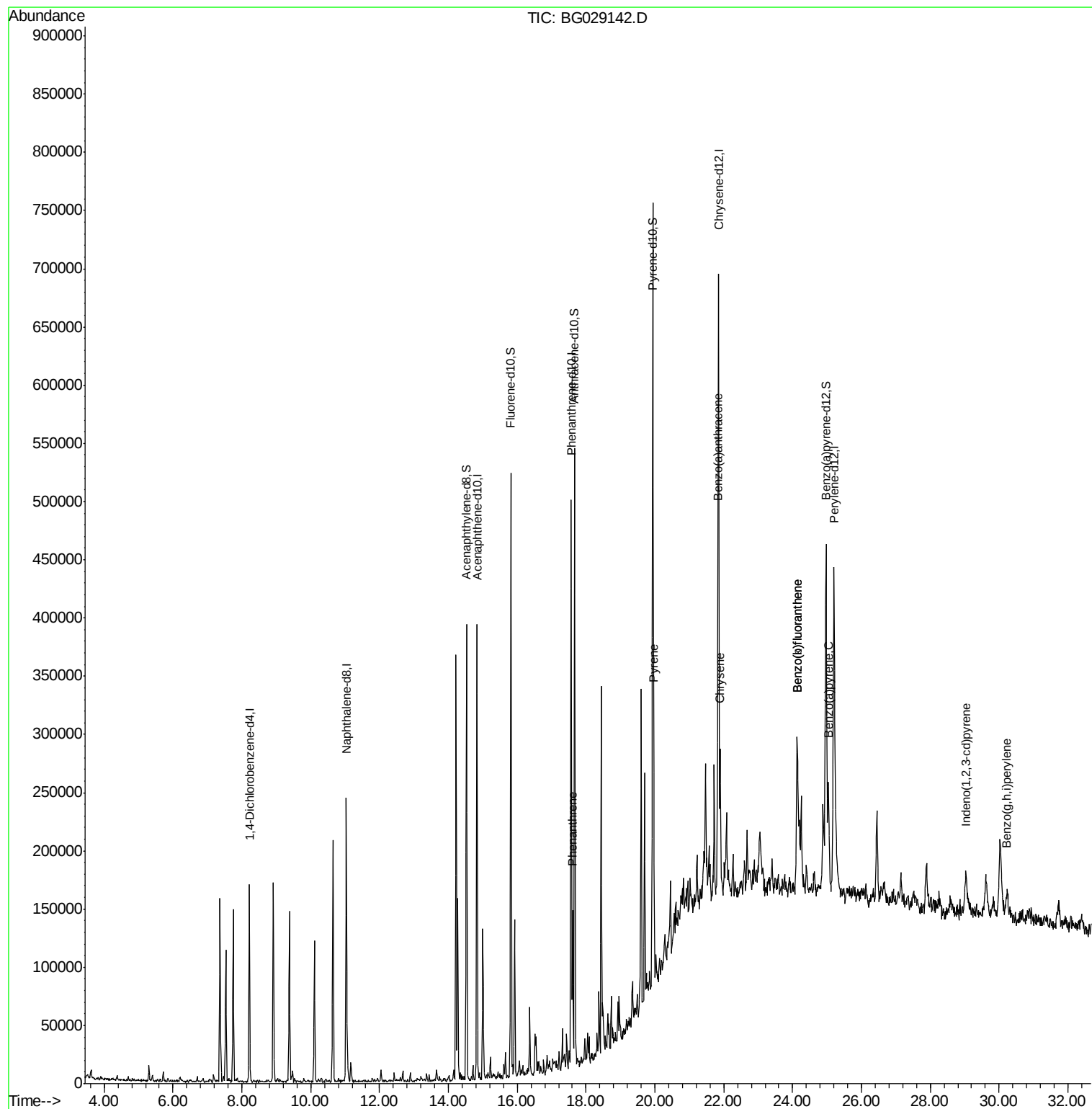
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46246	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	204110	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	134785	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	304082	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	319342	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	331069	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	294152	20.98	ng/ul	0.00
10) Fluorene-d10	15.82	176	220600	21.70	ng/ul	0.00
14) Anthracene-d10	17.67	188	318094	21.60	ng/ul	0.00
18) Pyrene-d10	19.93	212	361868	22.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	334144	21.07	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	82726	5.100	ng/ul	95
19) Pyrene	19.96	202	132184	6.640	ng/ul#	90
20) Benzo(a)anthracene	21.83	228	86658	4.608	ng/ul	97
21) Chrysene	21.90	228	104213	6.052	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	180394	9.108	ng/ul#	97
24) Benzo(k)fluoranthene	24.13	252	174874	9.047	ng/ul#	97
26) Benzo(a)pyrene	25.04	252	107019	5.563	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.04	276	86044	3.941	ng/ul	94
29) Benzo(g,h,i)perylene	30.23	276	59494	3.304	ng/ul#	92

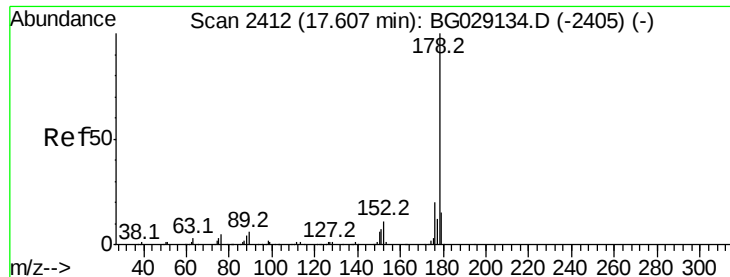
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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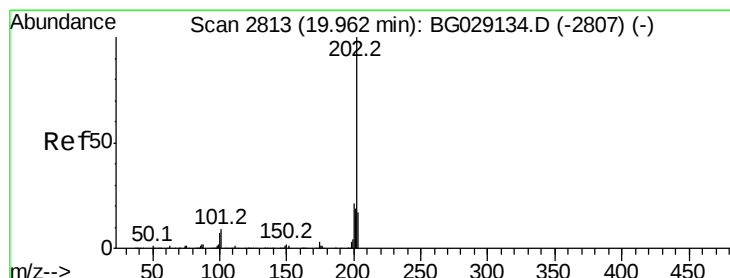
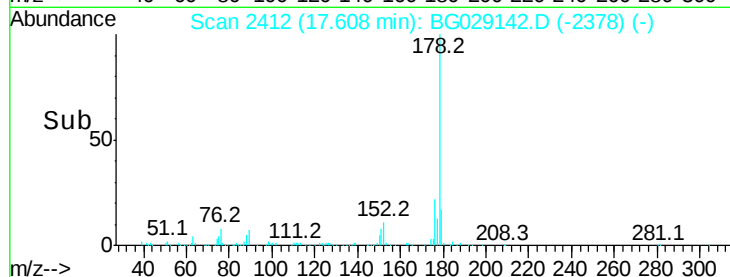
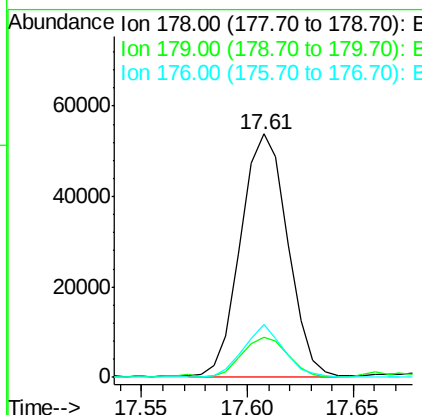
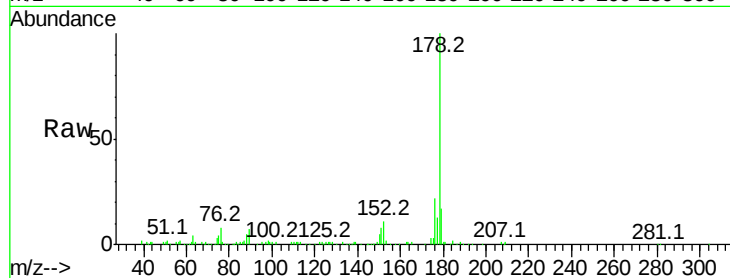




#13
Phenanthrene
Concen: 5.100 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029142.D
Acq: 10 Oct 2017 15:43

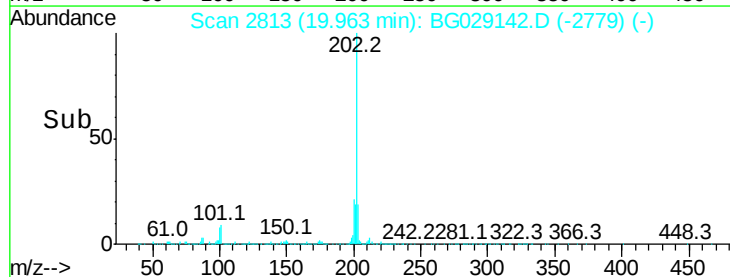
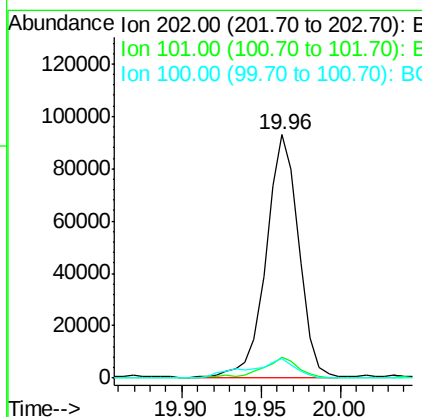
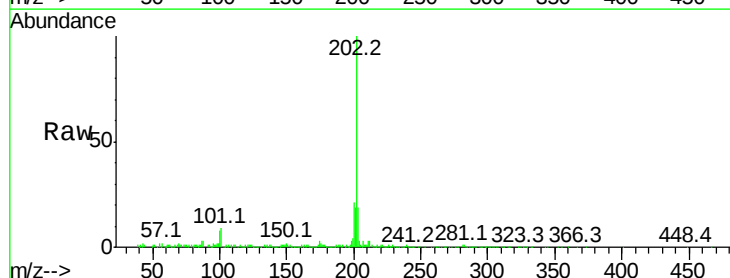
Instrument :
BNA_G
ClientSampleId :
DAH91

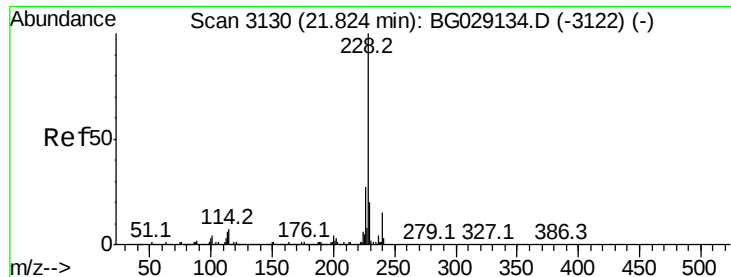
Tot Ion:178 Resp: 82726
Ion Ratio Lower Upper
178 100
179 16.6 12.3 18.5
176 21.9 15.1 22.7



#19
Pyrene
Concen: 6.640 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029142.D
Acq: 10 Oct 2017 15:43

Tgt Ion:202 Resp: 132184
Ion Ratio Lower Upper
202 100
101 8.7 11.0 16.4#
100 8.0 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 4.608 ng/ul

RT: 21.83 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

ClientSampleId :

DAH91

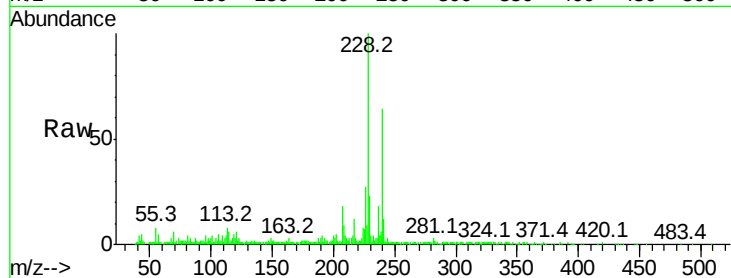
Tot Ion:228 Resp: 86658

Ion Ratio Lower Upper

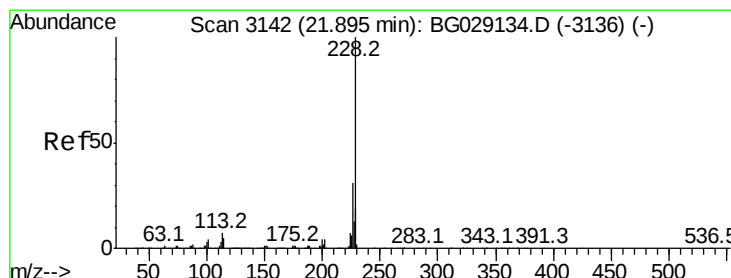
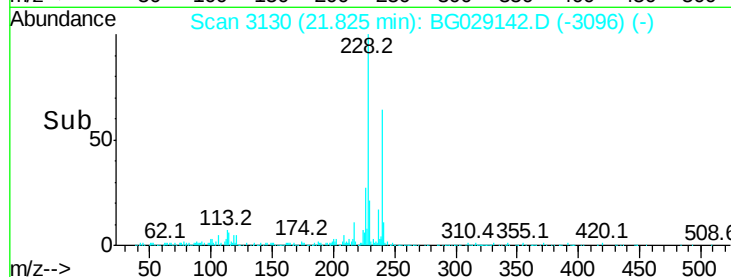
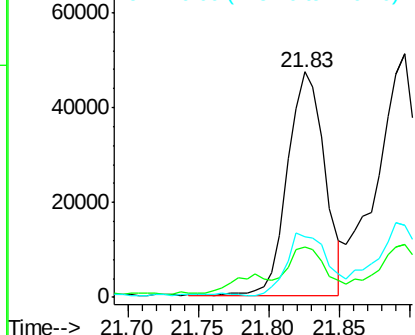
228 100

229 22.6 15.7 23.5

226 27.0 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: 6.052 ng/ul

RT: 21.90 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

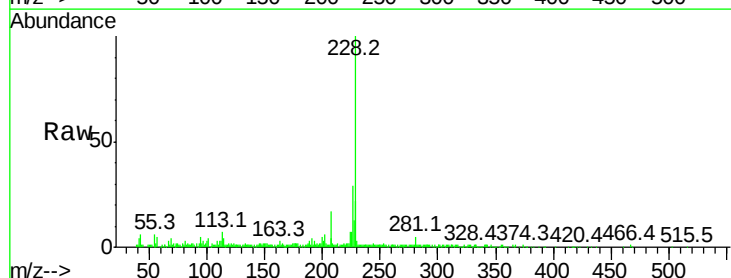
Tgt Ion:228 Resp: 104213

Ion Ratio Lower Upper

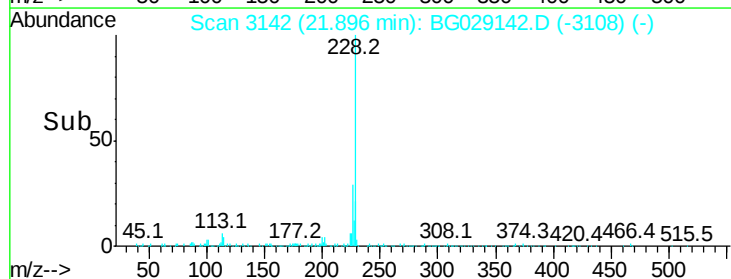
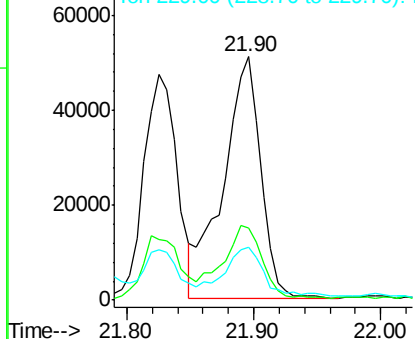
228 100

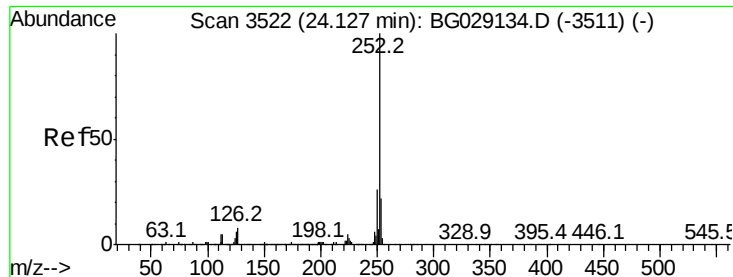
226 29.5 24.5 36.7

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: 9.108 ng/ul

RT: 24.13 min Scan# 3523

Delta R.T. 0.01 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

ClientSampleId :

DAH91

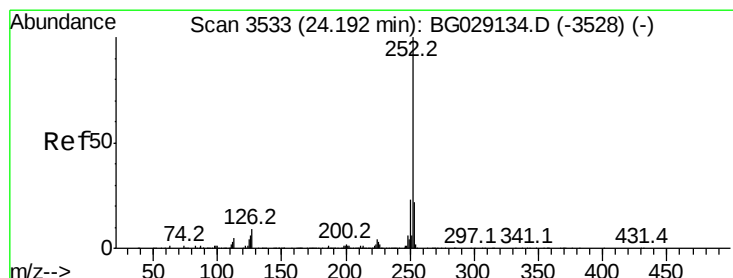
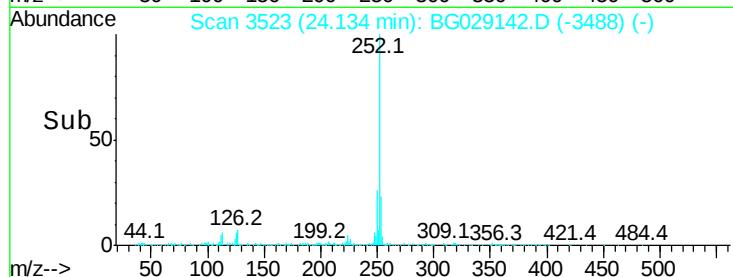
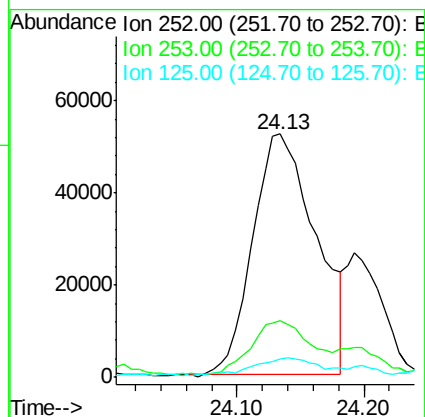
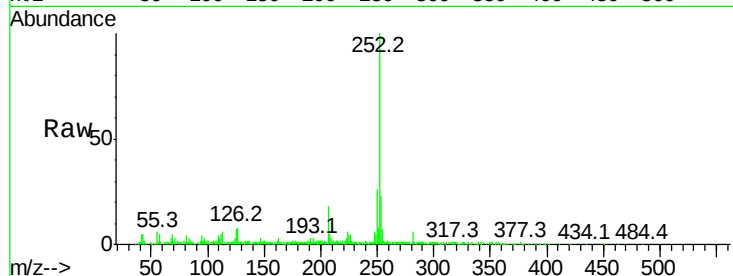
Tot Ion:252 Resp: 180394

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 7.3 8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 9.047 ng/ul

RT: 24.13 min Scan# 3523

Delta R.T. -0.06 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

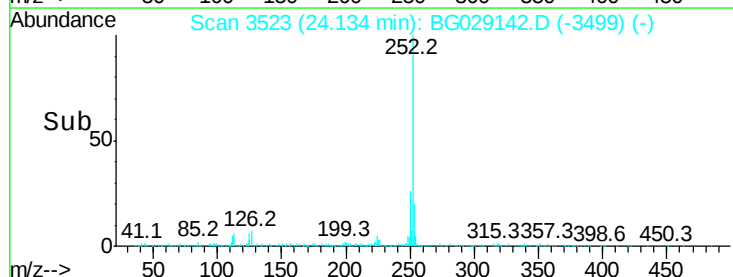
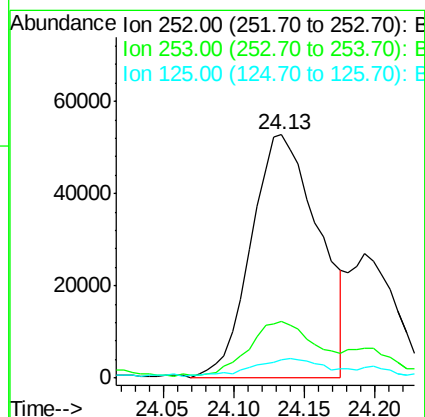
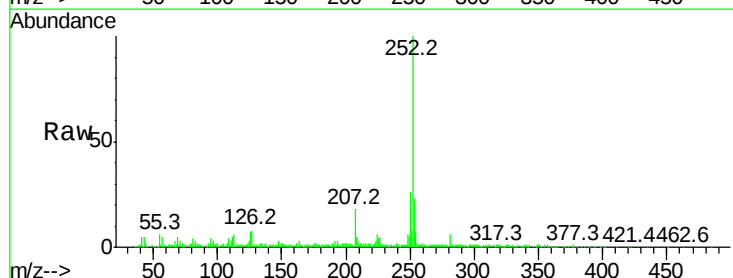
Tgt Ion:252 Resp: 174874

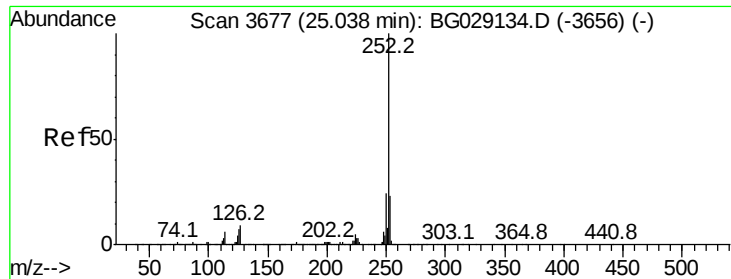
Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 7.3 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 5.563 ng/ul

RT: 25.04 min Scan# 3677

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

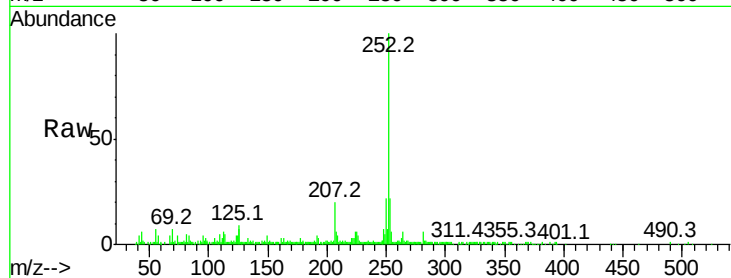
BNA_G

ClientSampleId :

DAH91

Tot Ion:252 Resp: 107019

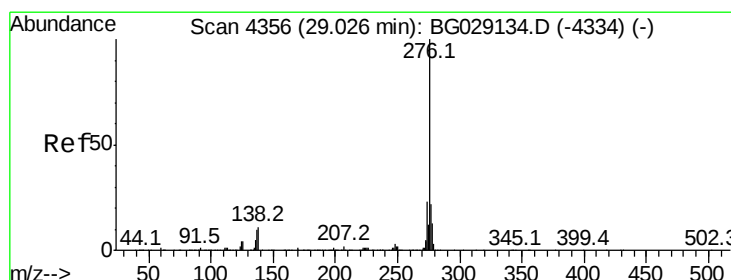
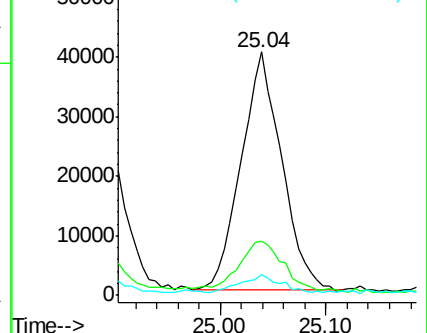
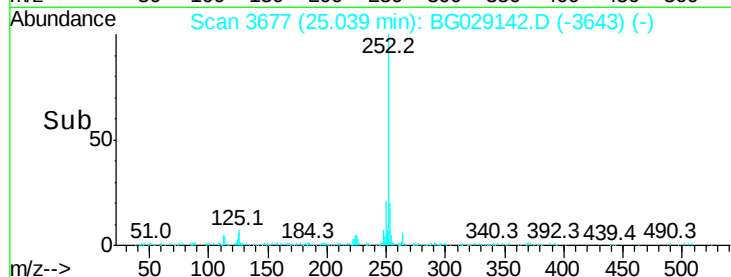
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.5	8.2	12.4



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: 3.941 ng/ul

RT: 29.04 min Scan# 4358

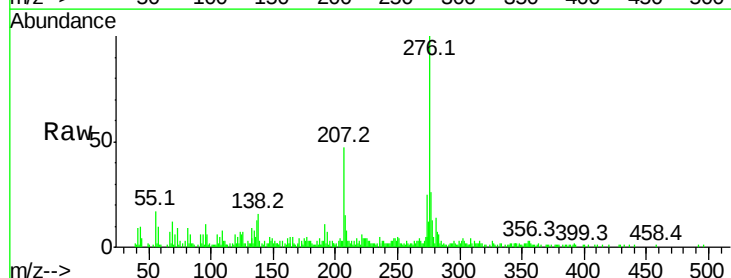
Delta R.T. 0.01 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Tgt Ion:276 Resp: 86044

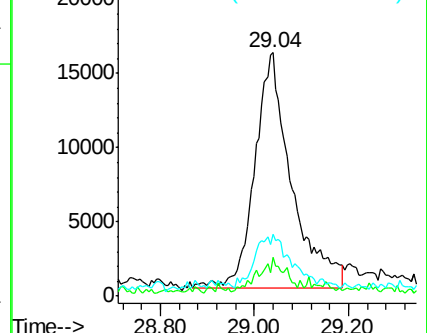
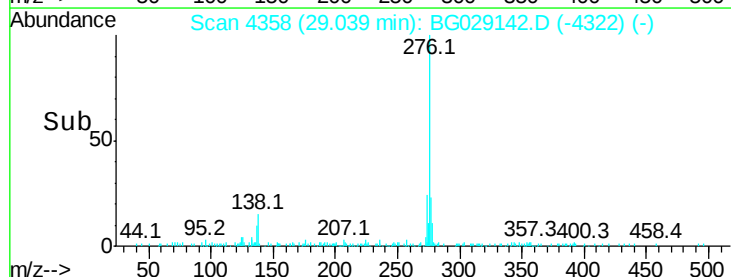
Ion	Ratio	Lower	Upper
276	100		
138	15.9	14.4	21.6
277	25.5	18.0	27.0

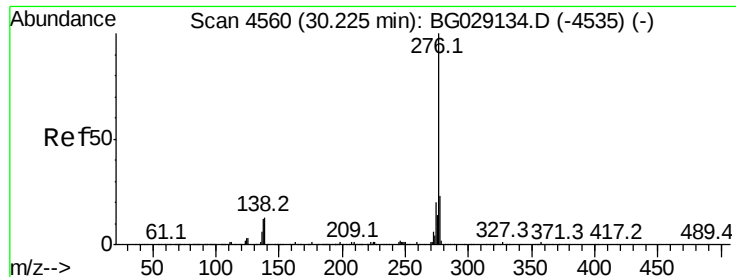


Abundance Ion 276.00 (275.70 to 276.70): E

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: 3.304 ng/ul

RT: 30.23 min Scan# 4560

Delta R.T. 0.00 min

Lab File: BG029142.D

Acq: 10 Oct 2017 15:43

Instrument :

BNA_G

ClientSampleId :

DAH91

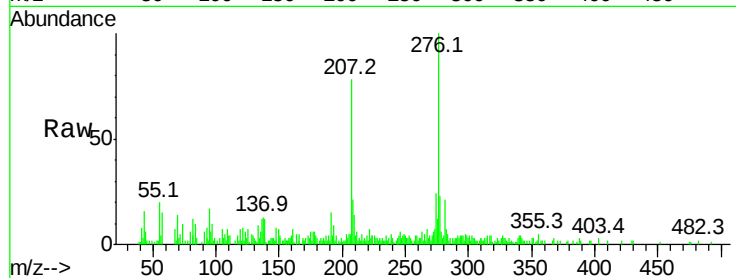
Tot Ion:276 Resp: 59494

Ion Ratio Lower Upper

276 100

138 11.7 15.3 22.9#

277 23.5 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

