

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029135.D
 Acq On : 10 Oct 2017 11:07
 Operator : SJ/JU
 Sample : I5577-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH76

Quant Time: Oct 11 04:15:53 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	47100	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	205067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	136588	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	321996	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	337336	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	344852	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	292212	20.57	ng/ul	0.00
10) Fluorene-d10	15.81	176	228574	22.19	ng/ul	0.00
14) Anthracene-d10	17.66	188	339701	21.78	ng/ul	0.00
18) Pyrene-d10	19.93	212	387819	22.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	350220	21.20	ng/ul	0.00

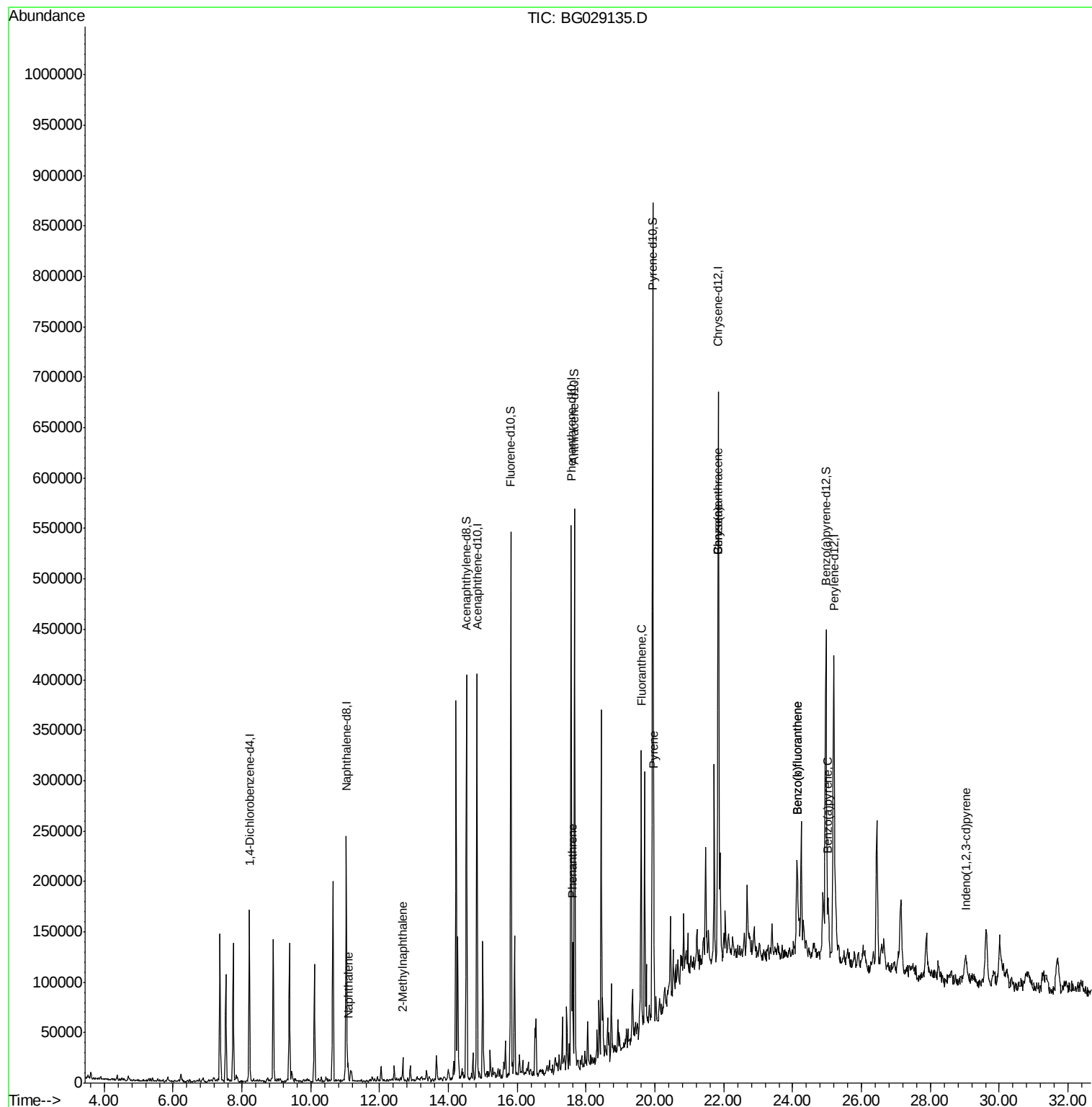
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.08	128	12794	1.198	ng/ul	96
4) 2-Methylnaphthalene	12.67	142	11281	1.392	ng/ul	99
13) Phenanthrene	17.61	178	80858	4.708	ng/ul	97
16) Fluoranthene	19.60	202	150685	7.484	ng/ul#	91
19) Pyrene	19.96	202	122295	5.816	ng/ul#	89
20) Benzo(a)anthracene	21.82	228	80476	4.051	ng/ul	95
21) Chrysene	21.82	228	80252	4.412	ng/ul	95
23) Benzo(b)fluoranthene	24.13	252	125610	6.089	ng/ul#	97
24) Benzo(k)fluoranthene	24.13	252	118798	5.900	ng/ul#	97
26) Benzo(a)pyrene	25.03	252	67415	3.364	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	29.03	276	47884	2.106	ng/ul#	93

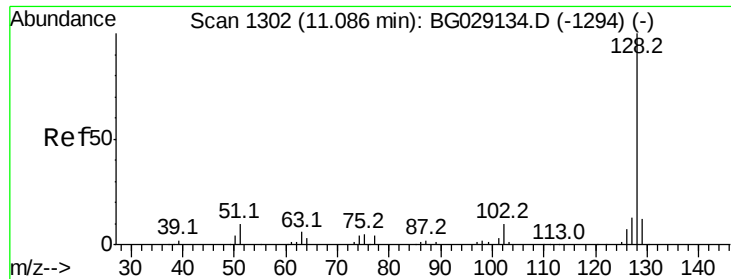
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.198 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

ClientSampleId :

DAH76

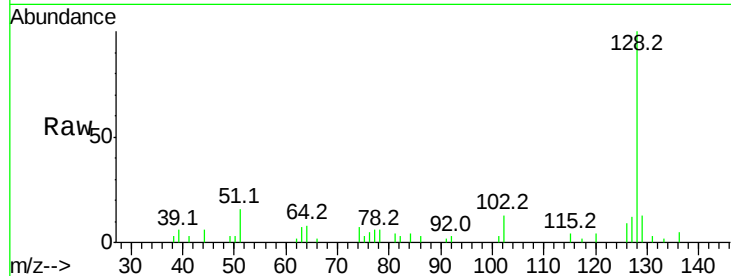
Tot Ion:128 Resp: 12794

Ion Ratio Lower Upper

128 100

129 12.6 8.7 13.1

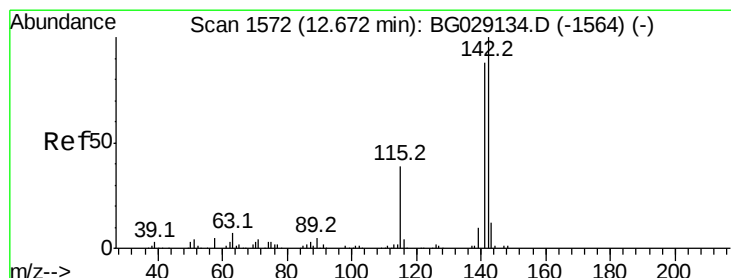
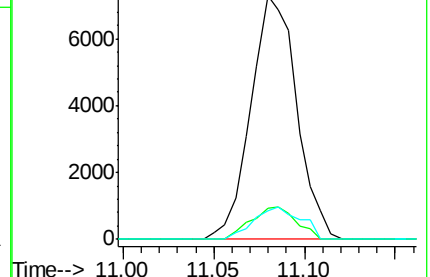
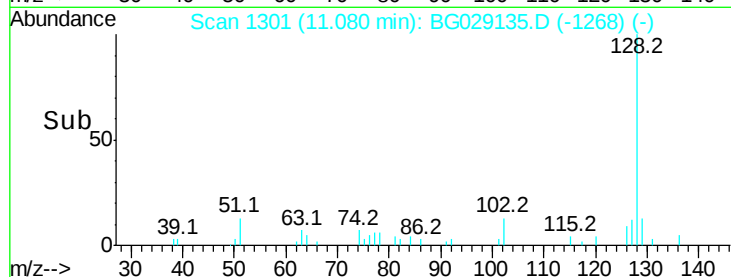
127 11.8 10.6 16.0



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: 1.392 ng/ul

RT: 12.67 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BG029135.D

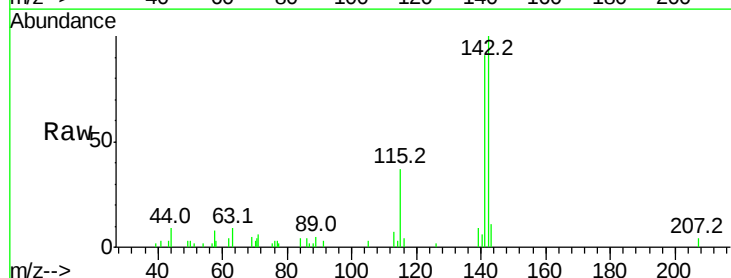
Acq: 10 Oct 2017 11:07

Tgt Ion:142 Resp: 11281

Ion Ratio Lower Upper

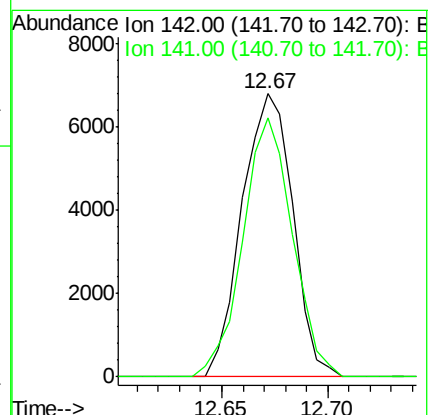
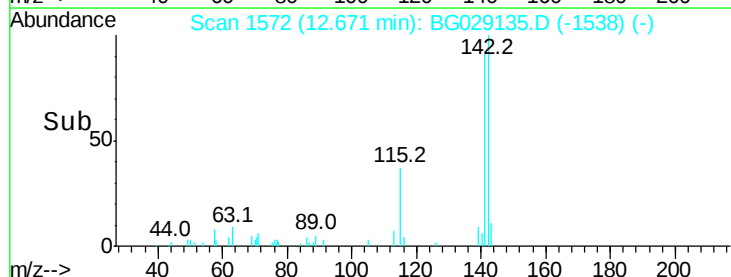
142 100

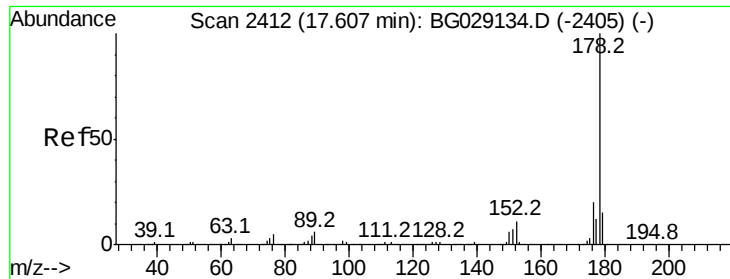
141 91.4 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

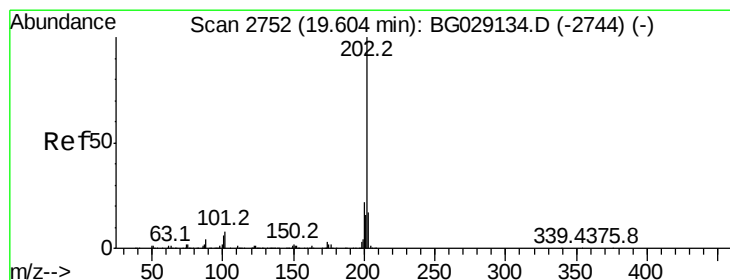
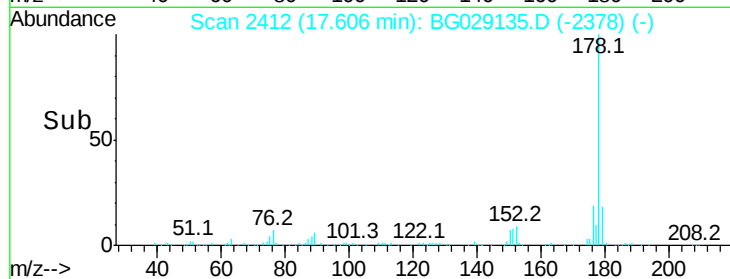
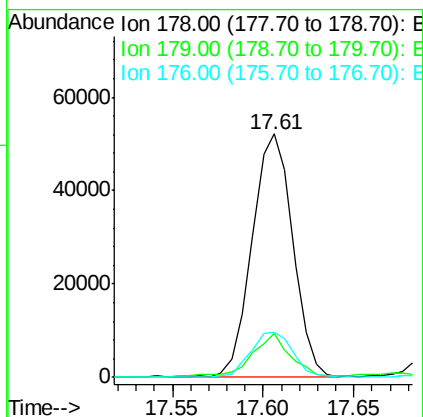
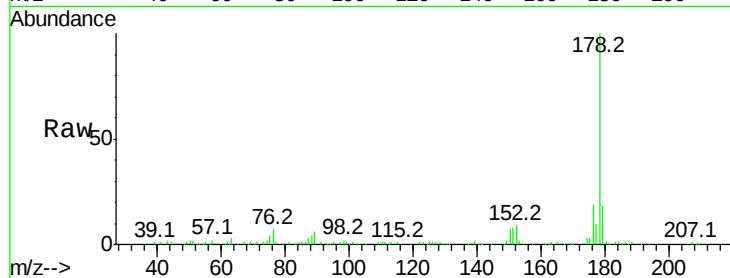




#13
Phenanthrene
Concen: 4.708 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

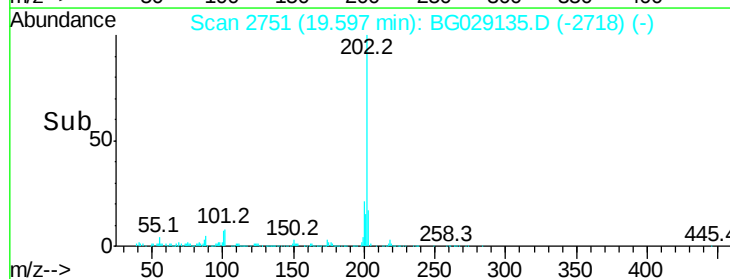
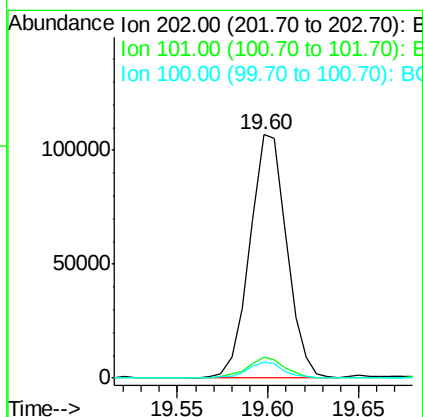
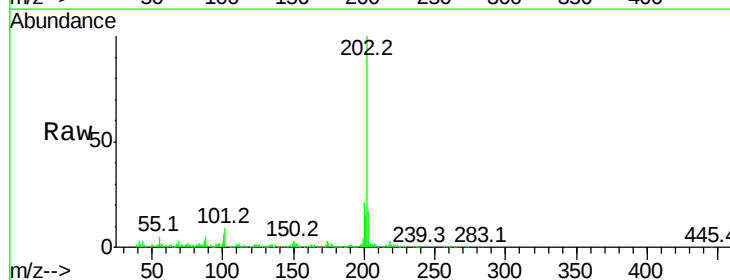
Instrument :
BNA_G
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DAH76

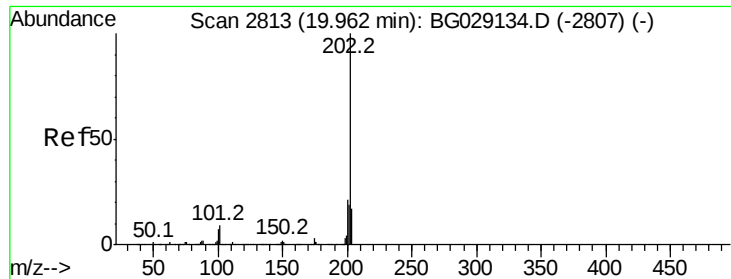
Tot Ion:178 Resp: 80858
Ion Ratio Lower Upper
178 100
179 17.8 12.3 18.5
176 18.8 15.1 22.7



#16
Fluoranthene
Concen: 7.484 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Tgt Ion:202 Resp: 150685
Ion Ratio Lower Upper
202 100
101 8.5 9.9 14.9#
100 6.5 7.4 11.0#

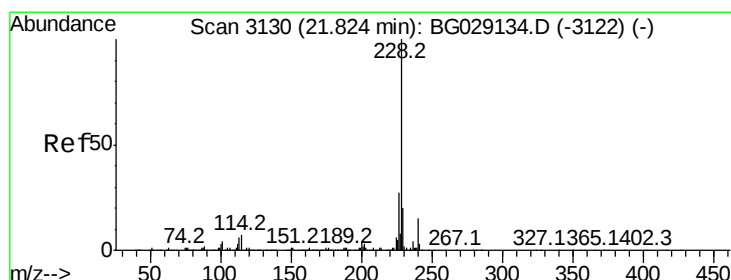
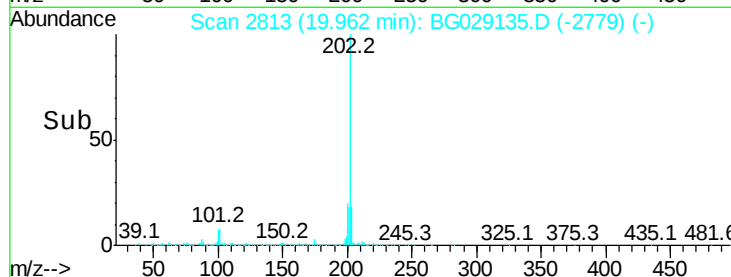
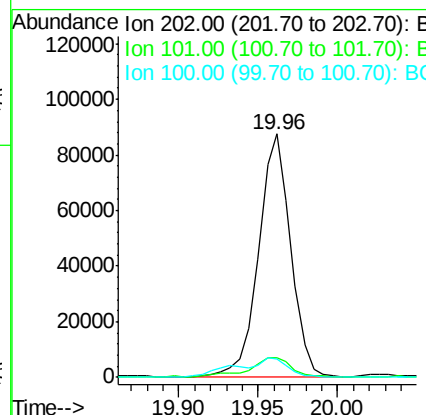
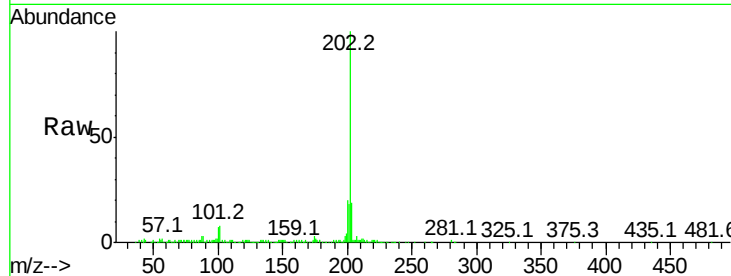




#19
Pvrene
Concen: 5.816 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

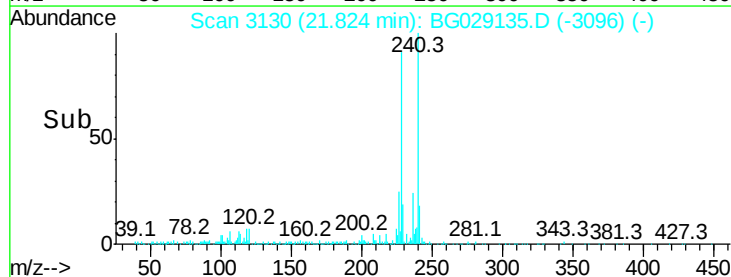
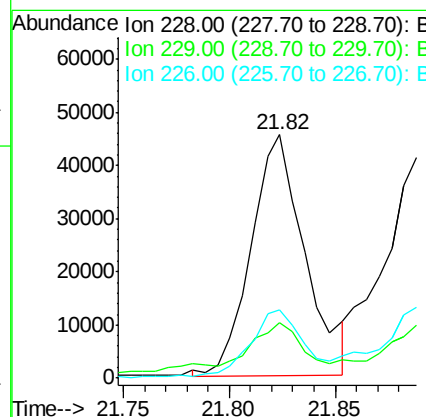
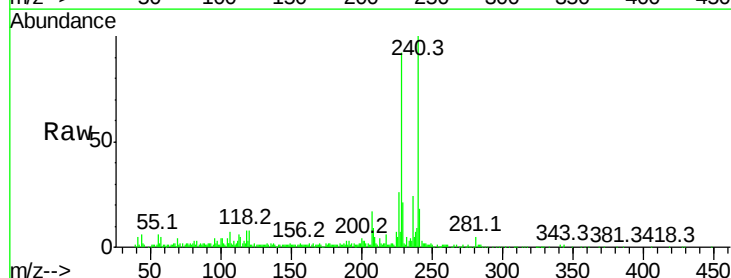
Instrument :
BNA_G
ClientSampleId :
DAH76

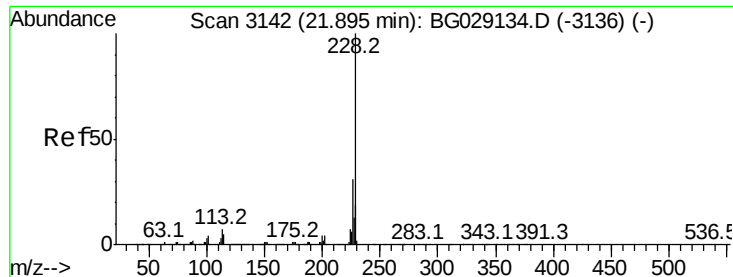
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.2	11.0	16.4#
100	7.4	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 4.051 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG029135.D
Acq: 10 Oct 2017 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.7	23.5
226	28.2	21.1	31.7





#21

Chrysene

Concen: 4.412 ng/ul

RT: 21.82 min Scan# 3130

Delta R.T. -0.07 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

ClientSampleId :

DAH76

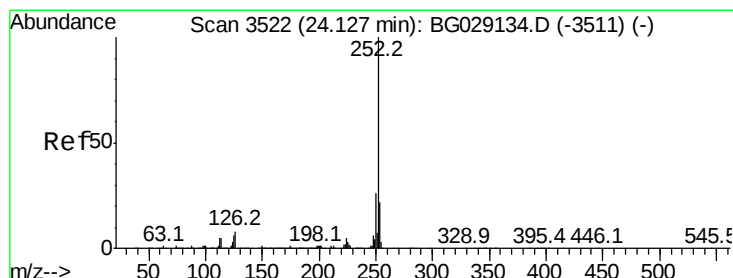
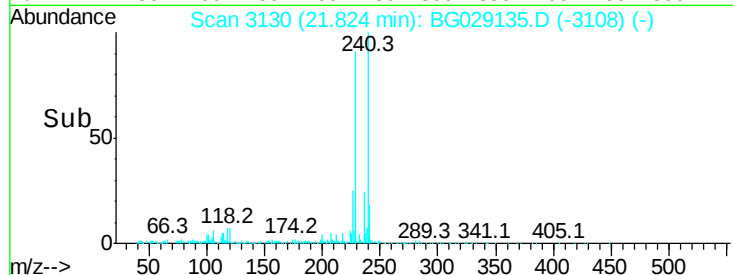
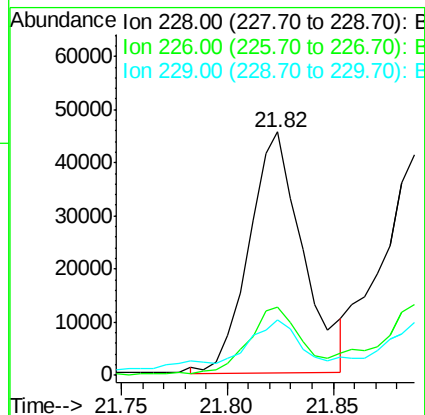
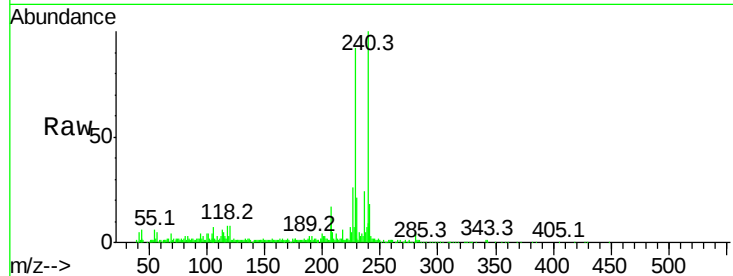
Tot Ion:228 Resp: 80252

Ion Ratio Lower Upper

228 100

226 28.2 24.5 36.7

229 22.5 15.8 23.8



#23

Benzo(b)fluoranthene

Concen: 6.089 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

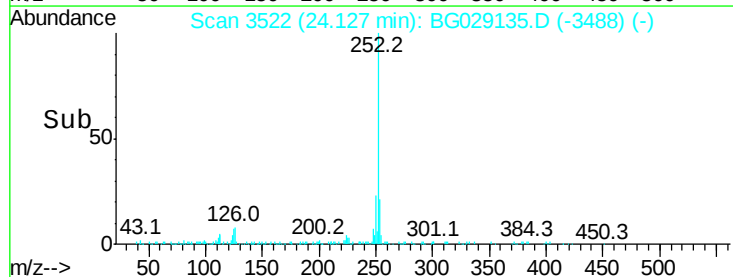
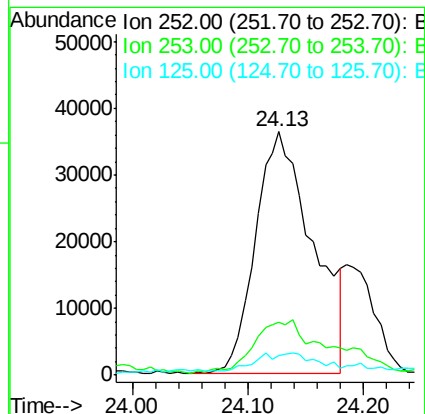
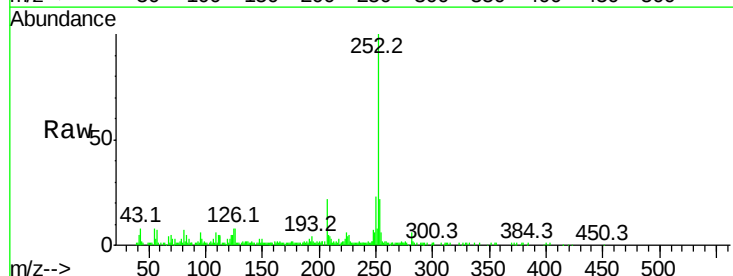
Tgt Ion:252 Resp: 125610

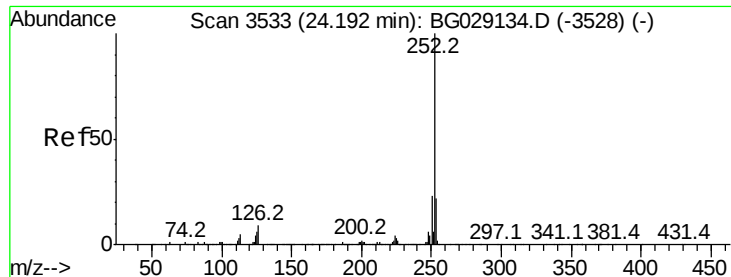
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 7.9 8.0 12.0#





#24

Benzo(k)fluoranthene

Concen: 5.900 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.07 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

Instrument :

BNA_G

ClientSampleId :

DAH76

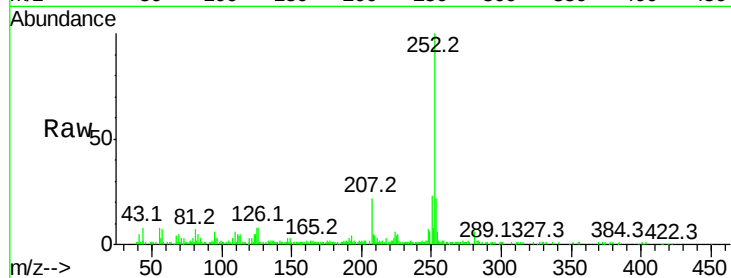
Tot Ion:252 Resp: 118798

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

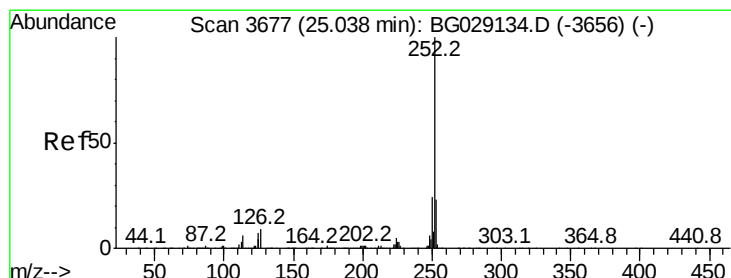
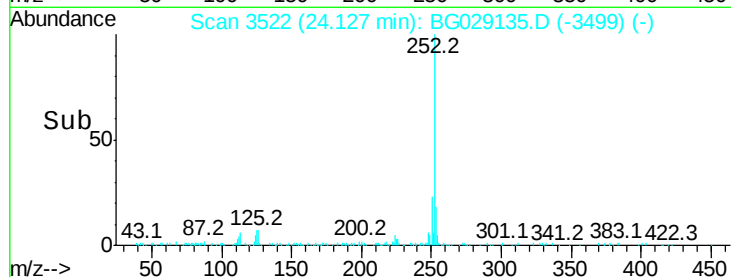
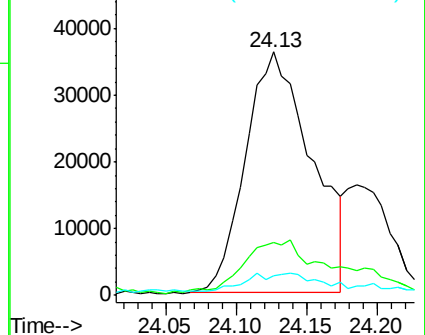
125 7.9 8.1 12.1#



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: 3.364 ng/ul

RT: 25.03 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

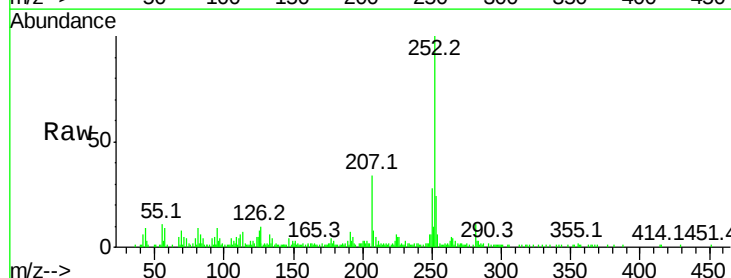
Tgt Ion:252 Resp: 67415

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

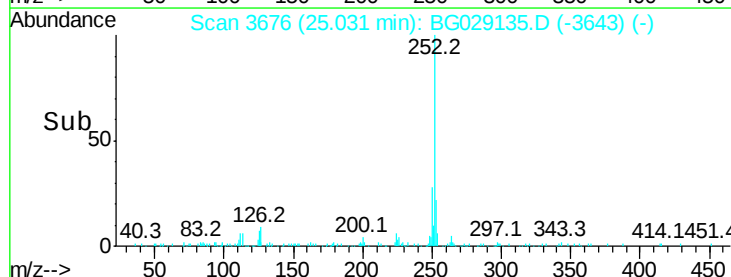
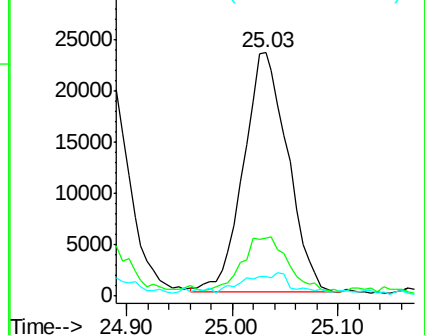
125 7.8 8.2 12.4#

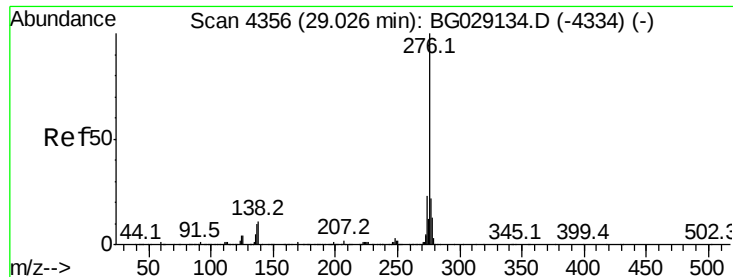


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.106 ng/ul

RT: 29.03 min Scan# 4356

Delta R.T. -0.00 min

Lab File: BG029135.D

Acq: 10 Oct 2017 11:07

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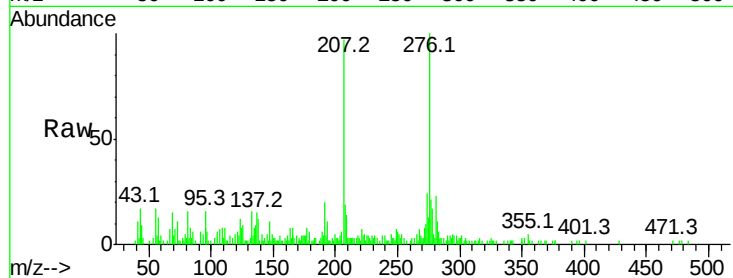
Tot Ion:276 Resp: 47884

Ion Ratio Lower Upper

276 100

138 12.4 14.4 21.6#

277 21.4 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

