

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029106.D
 Acq On : 9 Oct 2017 13:59
 Operator : SJ/JU
 Sample : I5578-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC5MSD

Quant Time: Oct 10 04:47:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	42038	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	195216	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	131114	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.66	188	538309	20.00	ng/ul	0.10
17) Chrysene-d12	21.92	240	374	20.00	ng/ul	0.08
22) Perylene-d12	25.18	264	333592	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.52	160	500022	36.67	ng/ul	0.00
10) Fluorene-d10	15.81	176	374350	37.85	ng/ul	0.00
14) Anthracene-d10	17.66	188	538309	20.65	ng/ul	0.00
18) Pyrene-d10	19.93	212	650892	34016.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	611570	38.27	ng/ul	0.00

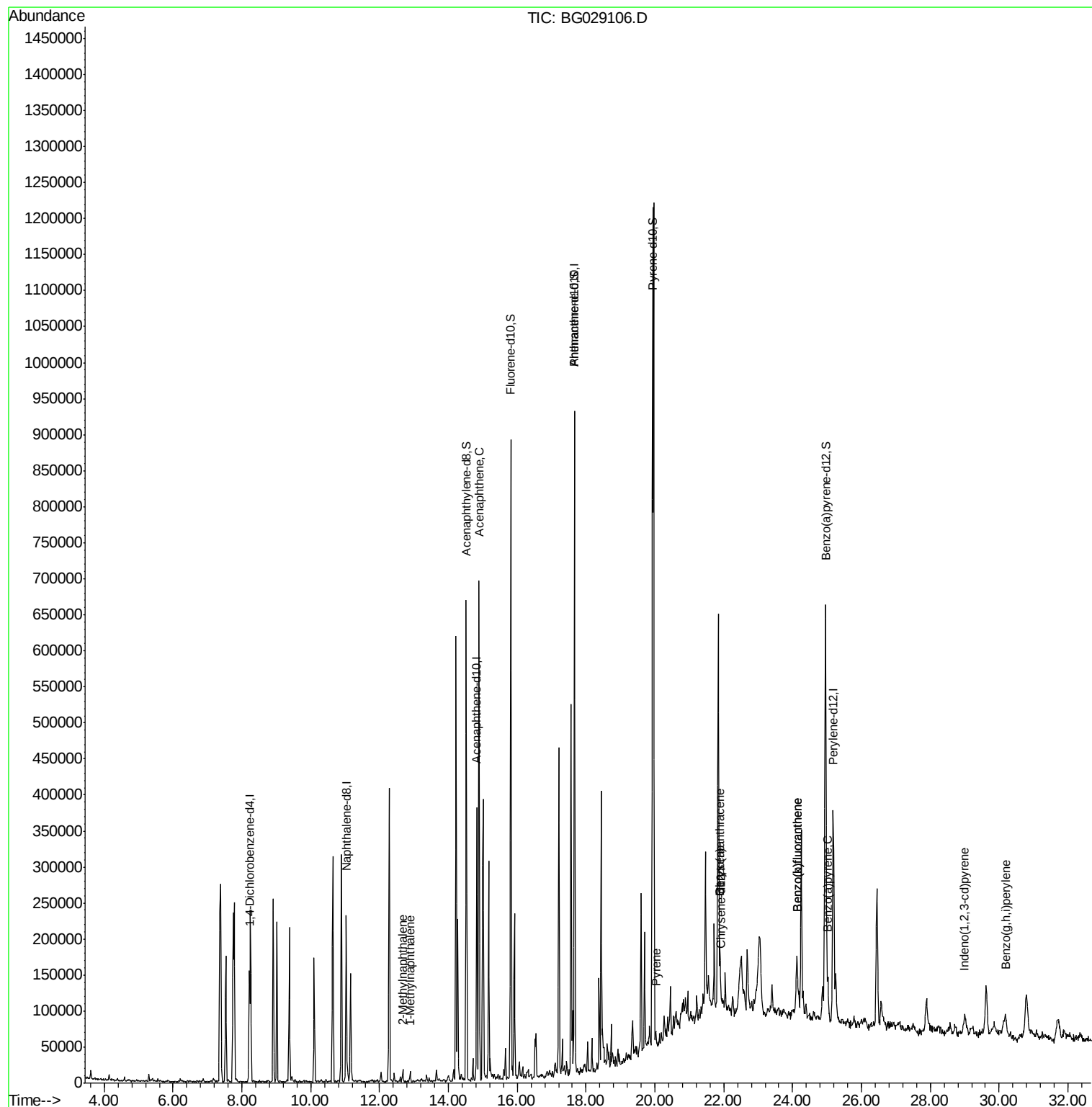
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) 2-Methylnaphthalene	12.67	142	8451	1.096	ng/ul#	78
5) 1-Methylnaphthalene	12.89	142	7564	1.027	ng/ul	97
9) Acenaphthene	14.89	153	301499	33.743	ng/ul	96
19) Pyrene	20.03	202	1094	46.926	ng/ul#	67
20) Benzo(a)anthracene	21.89	228	69000	3132.671	ng/ul	94
21) Chrysene	21.89	228	68230	3383.005	ng/ul	98
23) Benzo(b)fluoranthene	24.13	252	134963	6.763	ng/ul	94
24) Benzo(k)fluoranthene	24.13	252	134963	6.929	ng/ul	94
26) Benzo(a)pyrene	25.02	252	60973	3.146	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	28.99	276	50798	2.309	ng/ul#	88
29) Benzo(g,h,i)perylene	30.18	276	43383	2.391	ng/ul#	94

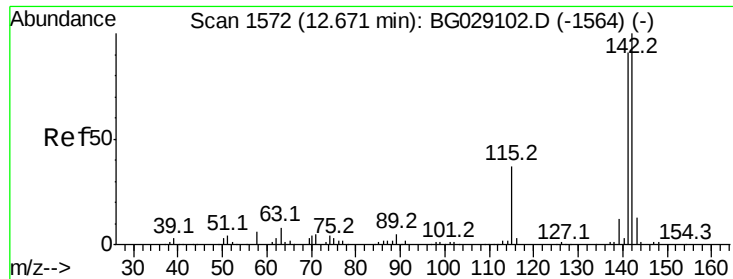
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

2-Methylnaphthalene

Concen: 1.096 ng/ul

RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

Instrument :

BNA_G

ClientSampleId :

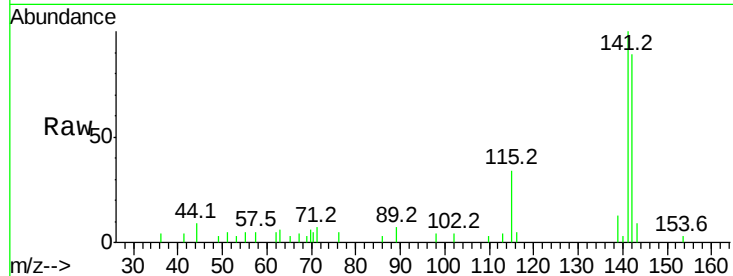
DAGC5MSD

Tot Ion:142 Resp: 8451

Ion Ratio Lower Upper

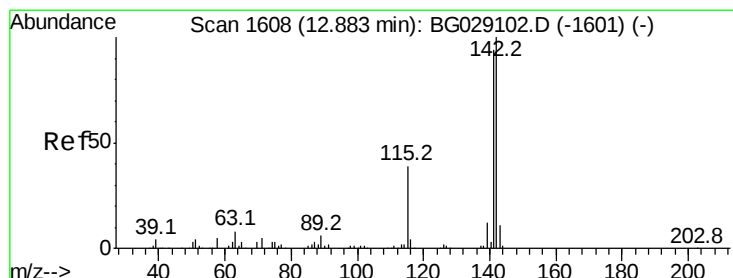
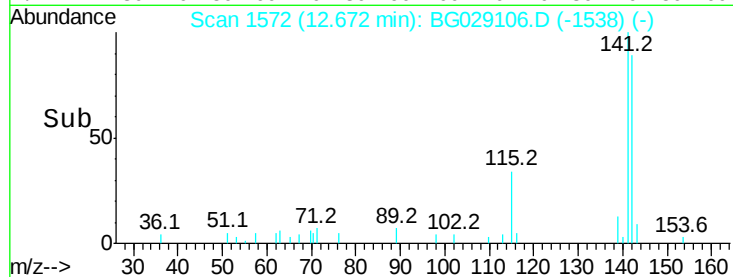
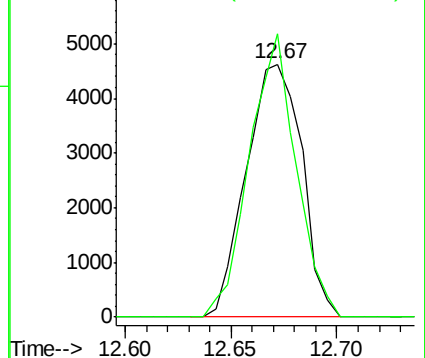
142 100

141 111.9 72.7 109.1#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#5

1-Methylnaphthalene

Concen: 1.027 ng/ul

RT: 12.89 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

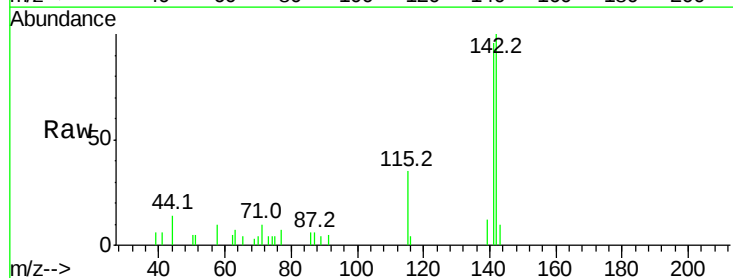
Tgt Ion:142 Resp: 7564

Ion Ratio Lower Upper

142 100

141 96.5 79.3 118.9

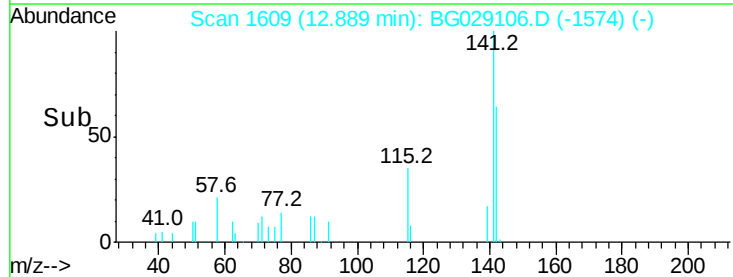
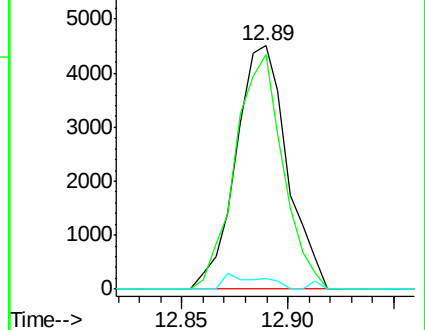
116 4.2 4.2 6.2

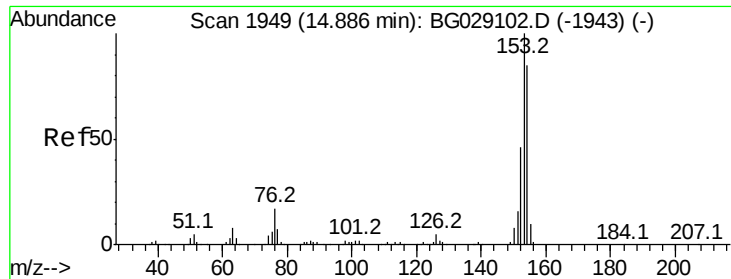


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#9

Acenaphthene

Concen: 33.743 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

Instrument :

BNA_G

ClientSampleId :

DAG5MSD

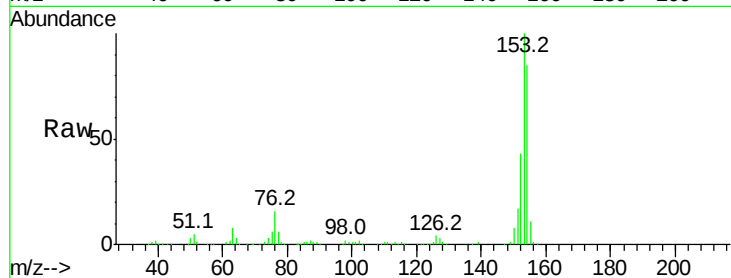
Tot Ion:153 Resp: 301499

Ion Ratio Lower Upper

153 100

152 43.2 39.0 58.6

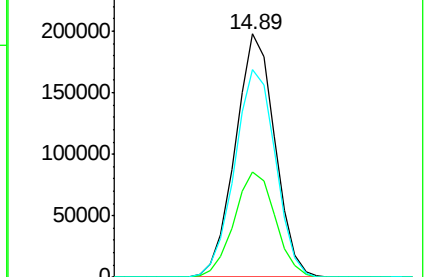
154 85.4 66.8 100.2



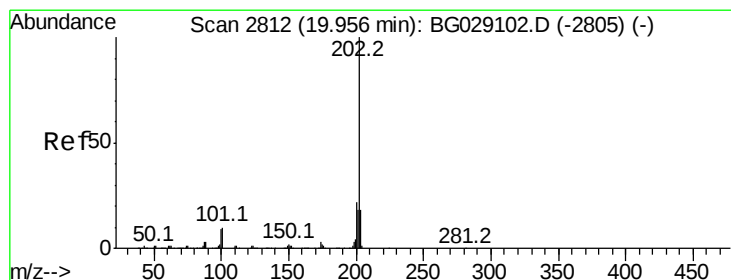
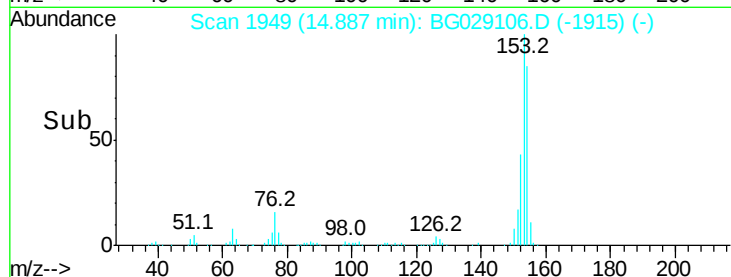
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#19

Pyrene

Concen: 46.926 ng/ul

RT: 20.03 min Scan# 2824

Delta R.T. 0.07 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

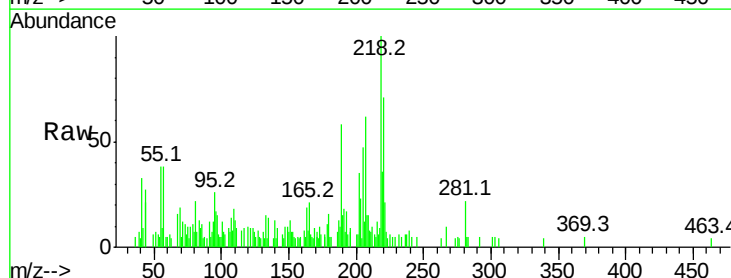
Tgt Ion:202 Resp: 1094

Ion Ratio Lower Upper

202 100

101 34.4 11.0 16.4#

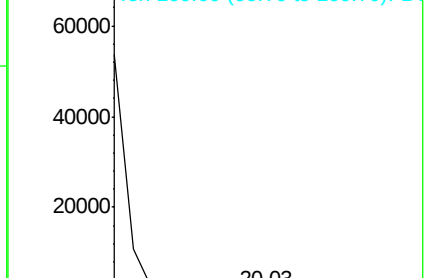
100 12.8 8.1 12.1#



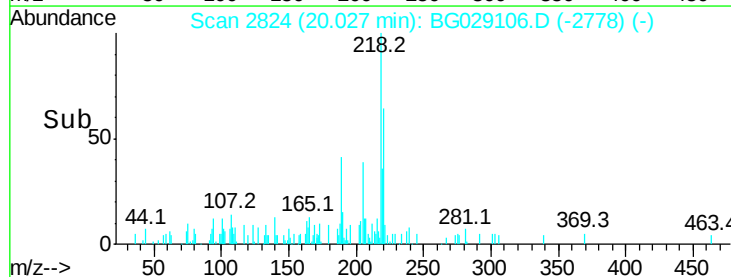
Abundance Ion 202.00 (201.70 to 202.70): E

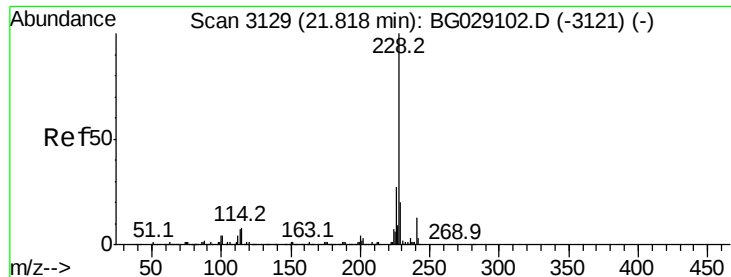
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->

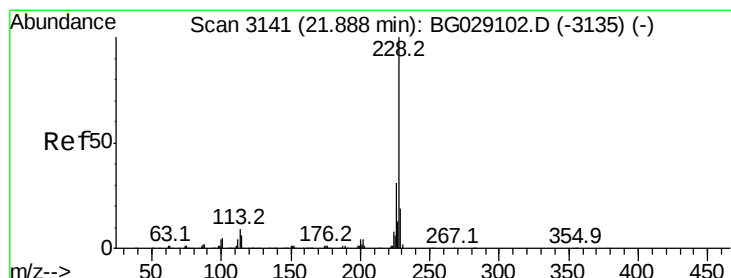
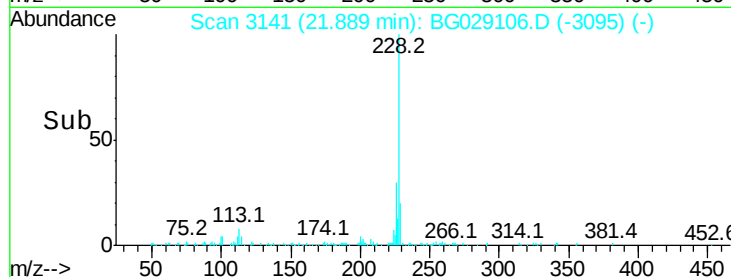
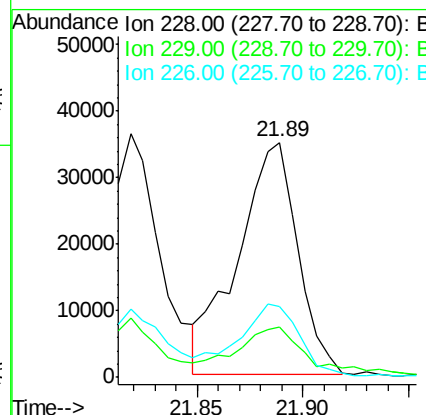
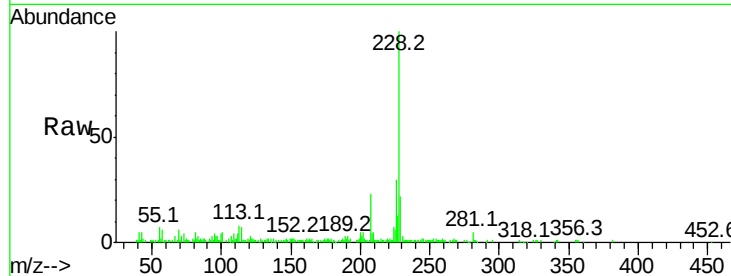




#20
Benzo(a)anthracene
Concen: 3132.671 ng/u1
RT: 21.89 min Scan# 3141
Delta R.T. 0.07 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

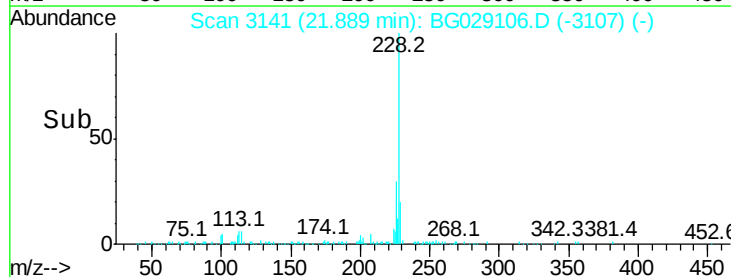
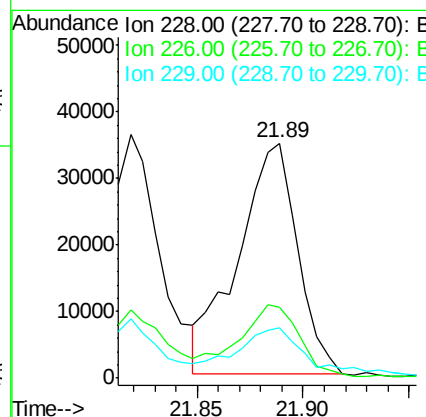
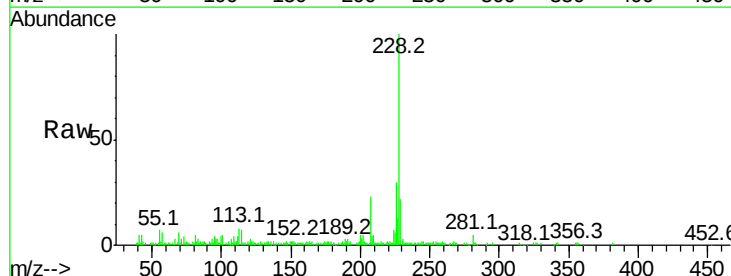
Instrument :
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ClientSampleId :
DAGC5MSD

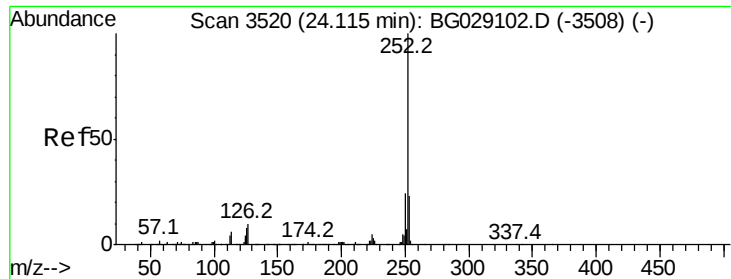
Tot Ion:228 Resp: 69000
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 30.0 21.1 31.7



#21
Chrysene
Concen: 3383.005 ng/u1
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion:228 Resp: 68230
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.6 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 6.763 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.01 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

Instrument :

BNA_G

ClientSampleId :

DAGC5MSD

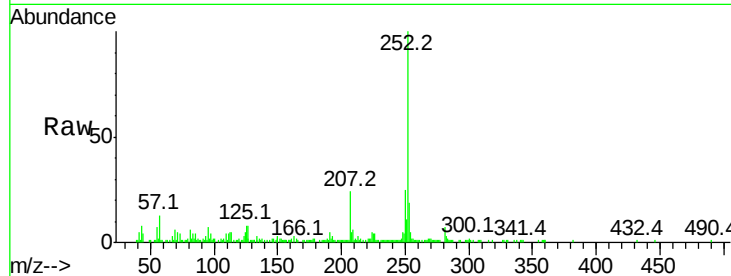
Tot Ion:252 Resp: 134963

Ion Ratio Lower Upper

252 100

253 19.2 18.0 27.0

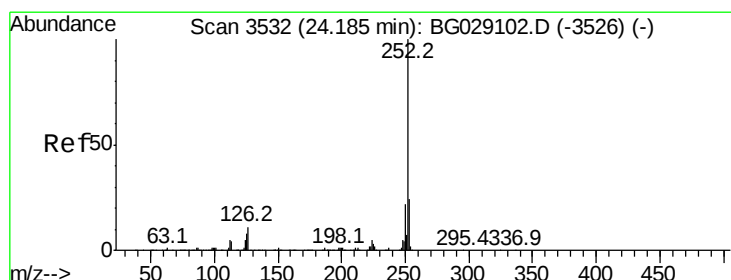
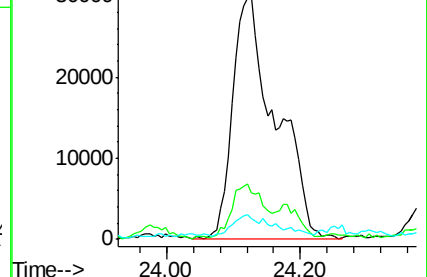
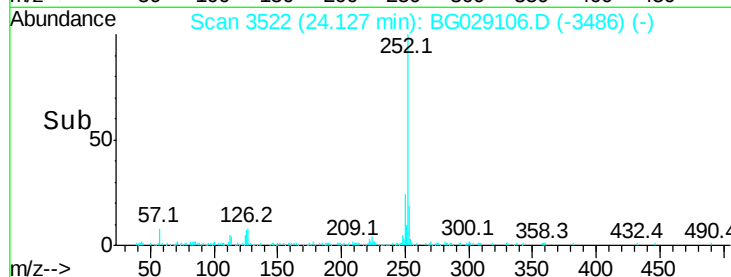
125 8.3 8.0 12.0



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: 6.929 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. -0.06 min

Lab File: BG029106.D

Acq: 9 Oct 2017 13:59

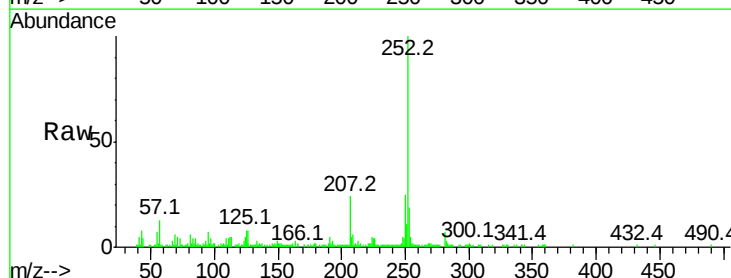
Tgt Ion:252 Resp: 134963

Ion Ratio Lower Upper

252 100

253 19.2 18.0 27.0

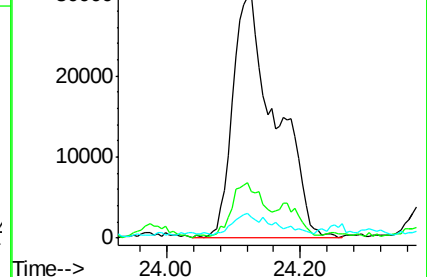
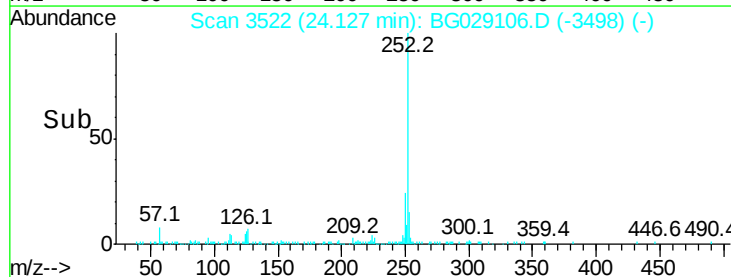
125 8.3 8.1 12.1

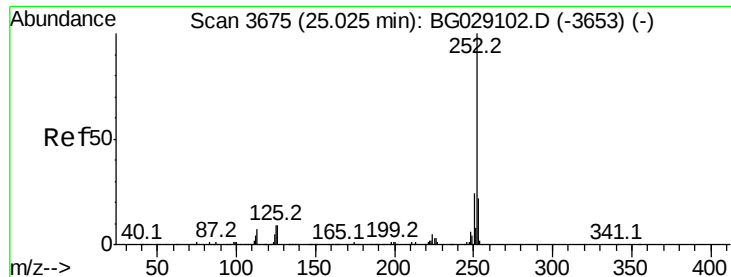


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

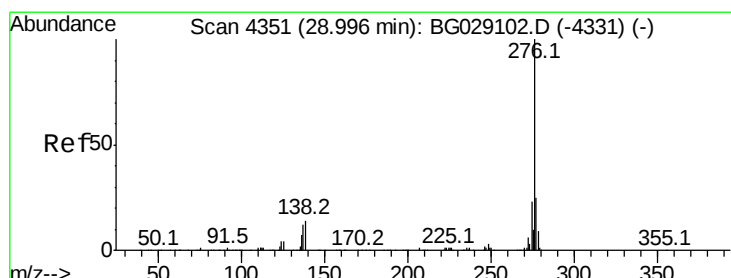
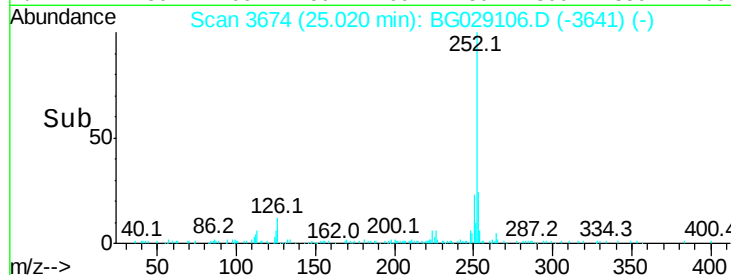
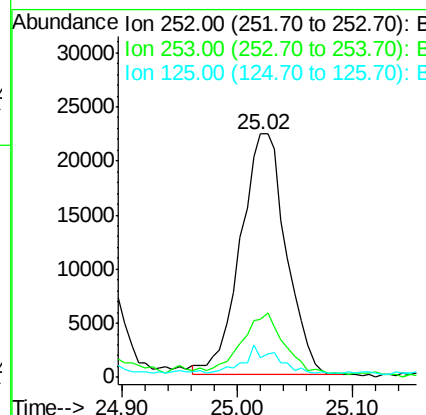
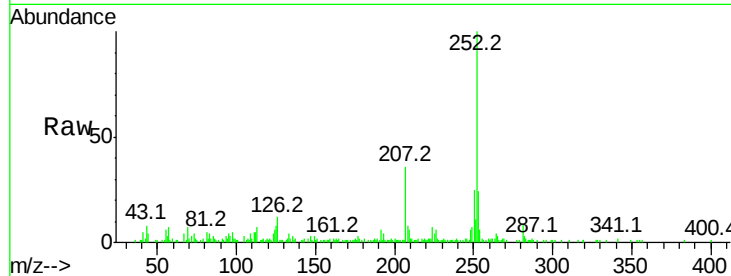




#26
Benzo(a)pyrene
Concen: 3.146 ng/uL
RT: 25.02 min Scan# 3674
Delta R.T. -0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

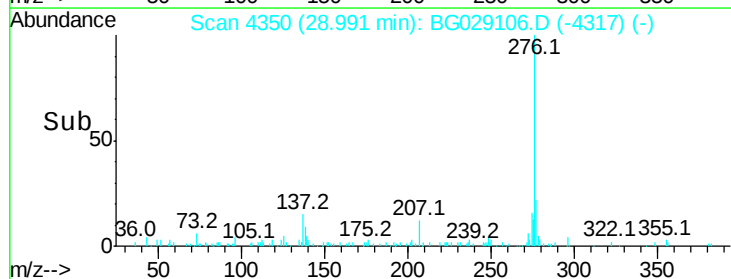
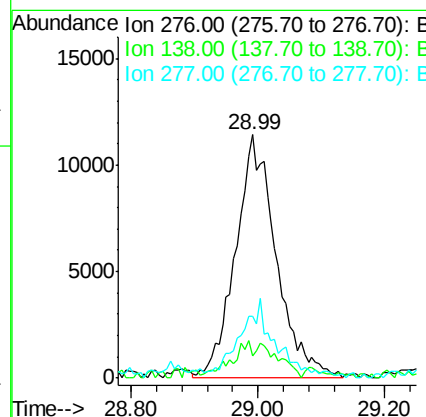
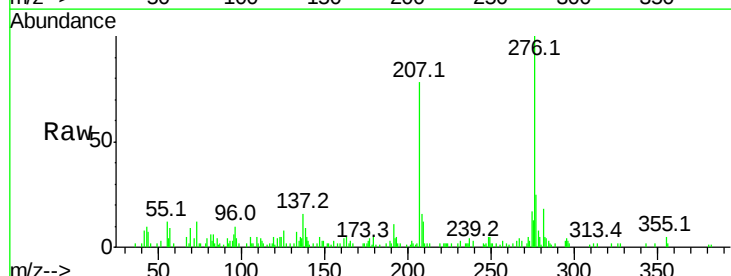
Instrument :
BNA_G
ClientSampleId :
DAGC5MSD

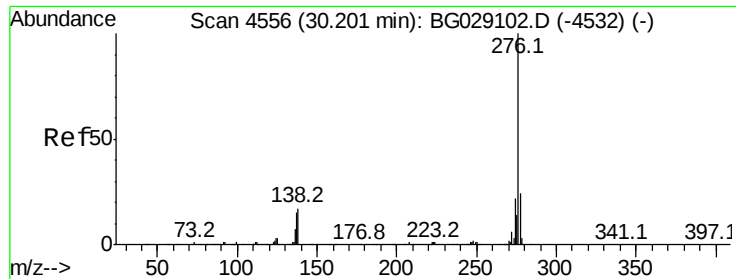
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	8.3	8.2	12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.309 ng/uL
RT: 28.99 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG029106.D
Acq: 9 Oct 2017 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	14.4	21.6#
277	25.2	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 2.391 ng/ul

RT: 30.18 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG029106.D

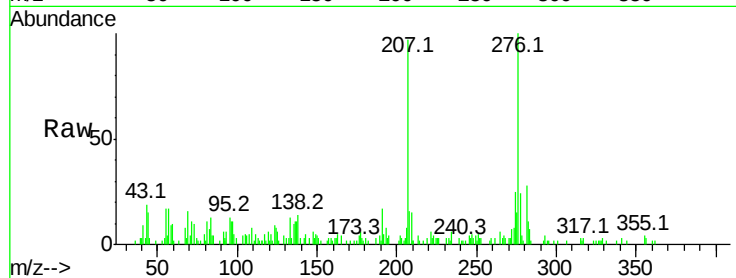
Acq: 9 Oct 2017 13:59

Instrument :

BNA_G

ClientSampleId :

DAGC5MSD



Tot Ion:	276	Resp:	43383
Ion	Ratio	Lower	Upper
276	100		
138	14.0	15.3	22.9#
277	24.3	19.0	28.4

