

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029105.D
 Acq On : 9 Oct 2017 13:19
 Operator : SJ/JU
 Sample : I5578-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC5MS

Quant Time: Oct 10 04:47:09 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

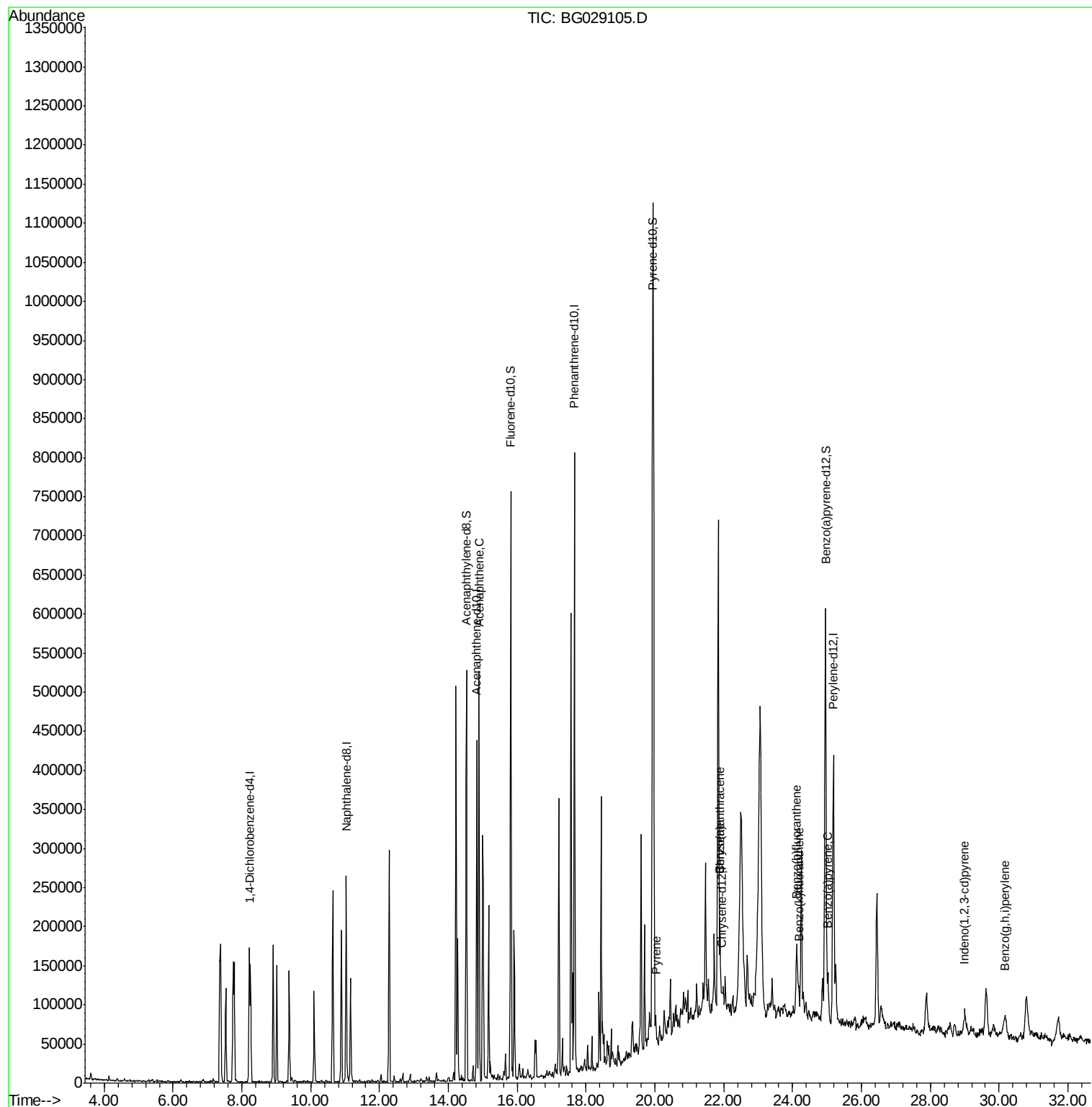
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48341	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	223514	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	153403	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.66	188	478069	20.00	ng/ul	0.10
17) Chrysene-d12	21.94	240	418	20.00	ng/ul	0.10
22) Perylene-d12	25.18	264	380473	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	399675	25.05	ng/ul	0.00
10) Fluorene-d10	15.81	176	316565	27.36	ng/ul	0.00
14) Anthracene-d10	17.77	188	520	0.02	ng/ul	0.11
18) Pyrene-d10	19.93	212	577768	27016.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	543164	29.80	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.89	153	221496	21.188	ng/ul	95
19) Pyrene	20.03	202	1666	63.939	ng/ul#	65
20) Benzo(a)anthracene	21.88	228	81718	3319.547	ng/ul	96
21) Chrysene	21.88	228	81424	3612.227	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	117792	5.175	ng/ul	98
24) Benzo(k)fluoranthene	24.18	252	32479	1.462	ng/ul#	92
26) Benzo(a)pyrene	25.03	252	71671	3.242	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	29.00	276	50424	2.010	ng/ul#	90
29) Benzo(g,h,i)perylene	30.17	276	42934	2.075	ng/ul	96

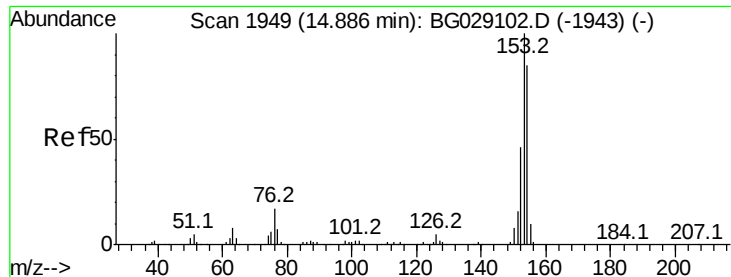
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 21.188 ng/ul

RT: 14.89 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

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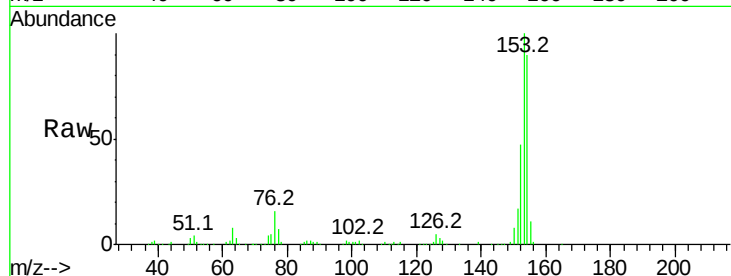
Tot Ion:153 Resp: 221496

Ion Ratio Lower Upper

153 100

152 46.8 39.0 58.6

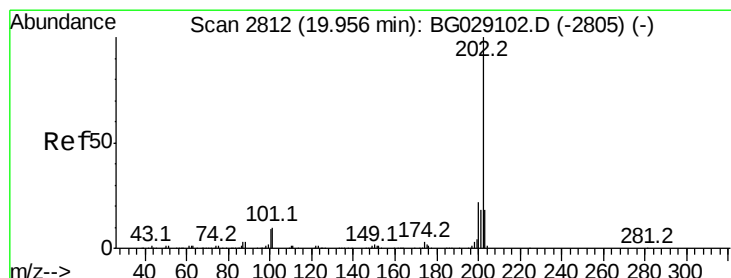
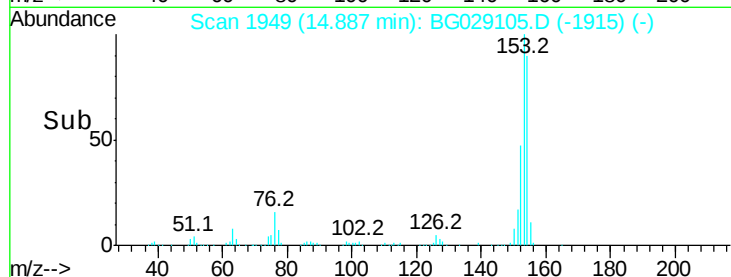
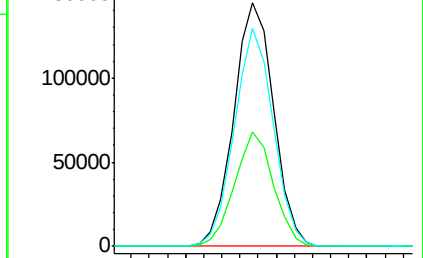
154 89.8 66.8 100.2



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



#19

Pyrene

Concen: 63.939 ng/ul

RT: 20.03 min Scan# 2825

Delta R.T. 0.08 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

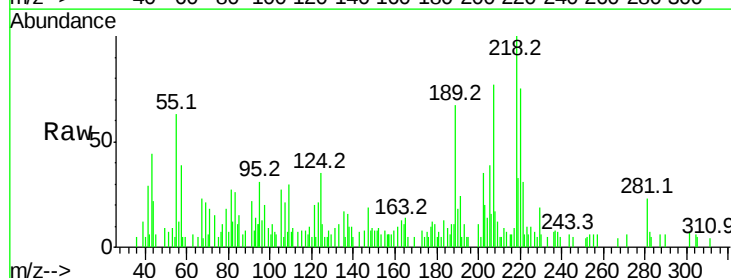
Tgt Ion:202 Resp: 1666

Ion Ratio Lower Upper

202 100

101 32.1 11.0 16.4#

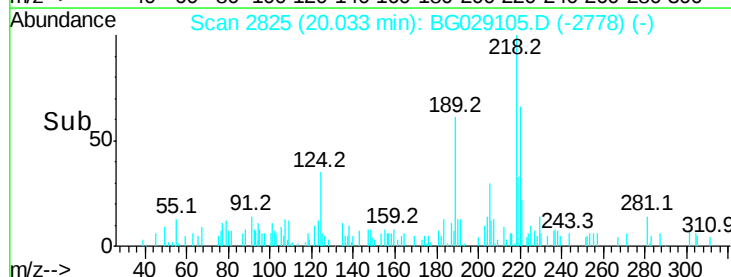
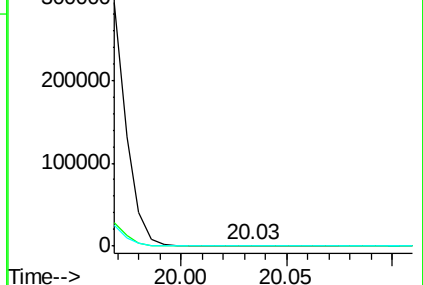
100 18.2 8.1 12.1#

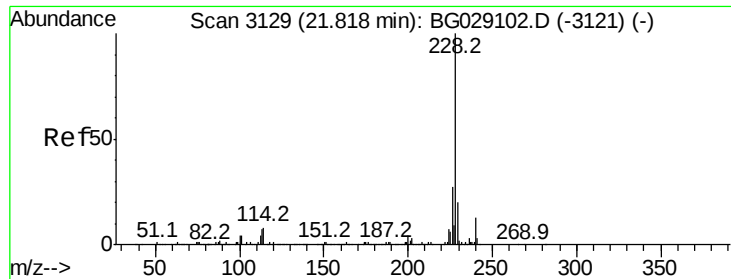


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

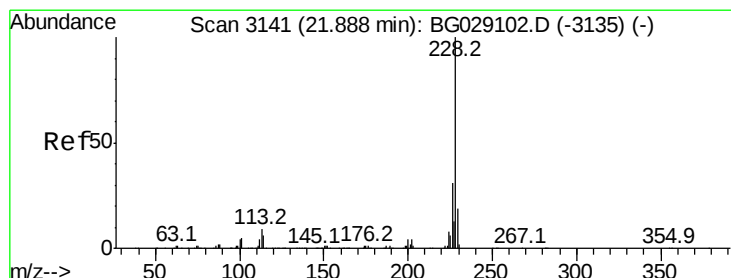
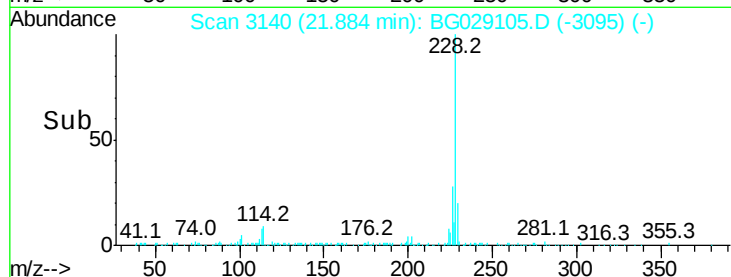
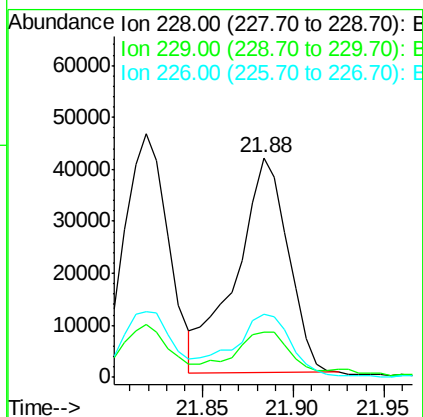
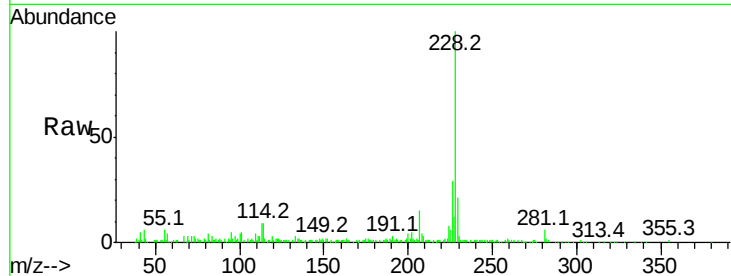




#20
Benzo(a)anthracene
Concen: 3319.547 ng/ul
RT: 21.88 min Scan# 3140
Delta R.T. 0.07 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

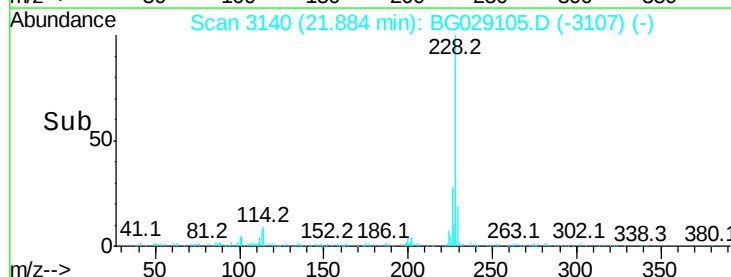
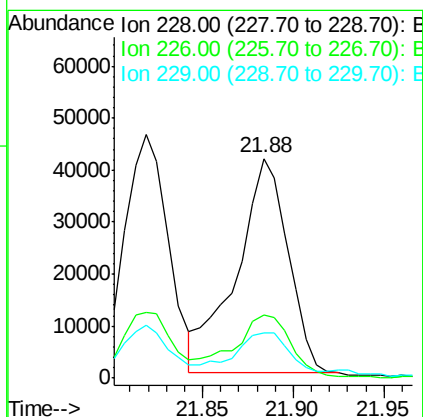
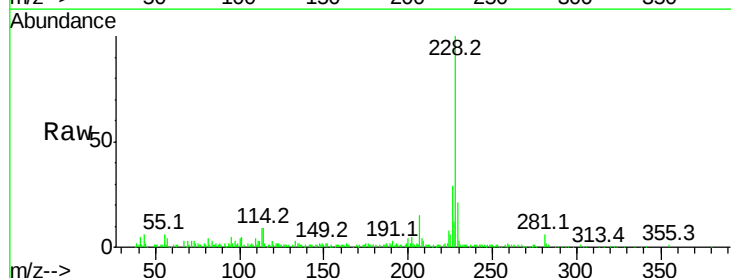
Instrument :
BNA_G
ClientSampleId :
DAGC5MS

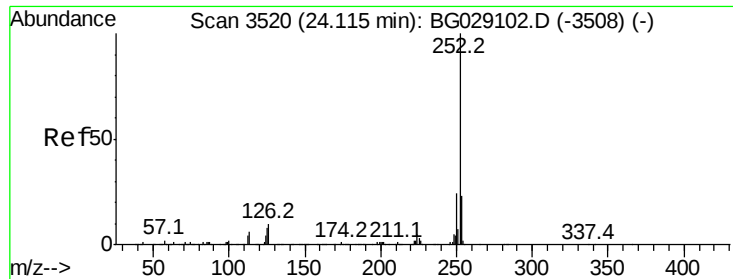
Tot Ion:228 Resp: 81718
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.8 21.1 31.7



#21
Chrysene
Concen: 3612.227 ng/ul
RT: 21.88 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

Tgt Ion:228 Resp: 81424
Ion Ratio Lower Upper
228 100
226 28.8 24.5 36.7
229 20.6 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 5.175 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Instrument :

BNA_G

ClientSampleId :

DAGC5MS

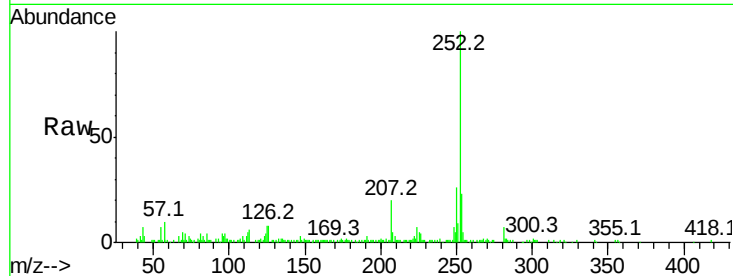
Tot Ion:252 Resp: 117792

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

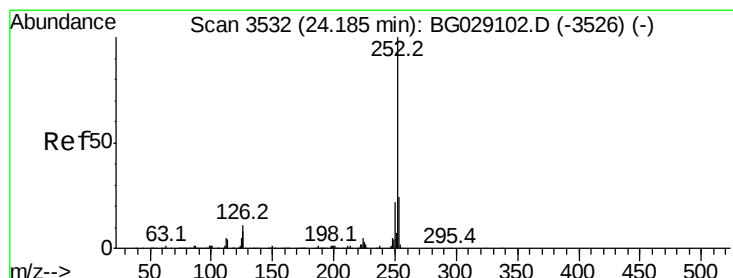
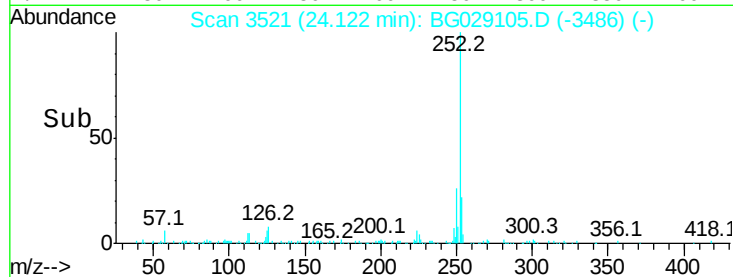
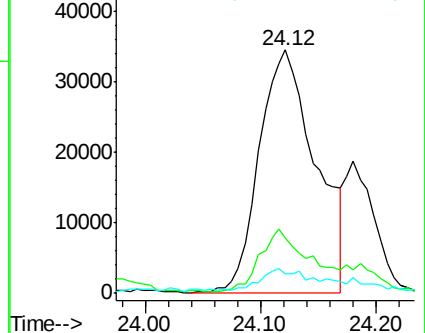
125 8.1 8.0 12.0



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: 1.462 ng/ul

RT: 24.18 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

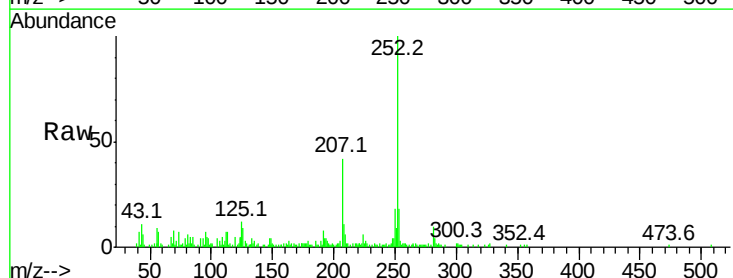
Tgt Ion:252 Resp: 32479

Ion Ratio Lower Upper

252 100

253 17.8 18.0 27.0#

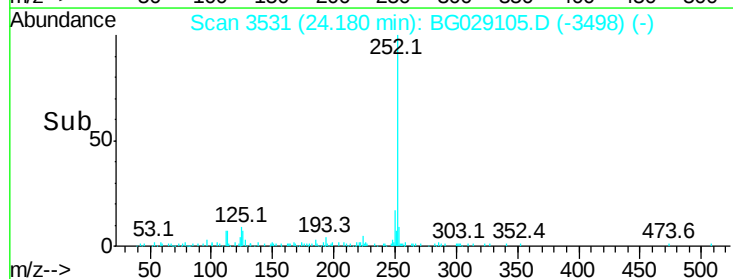
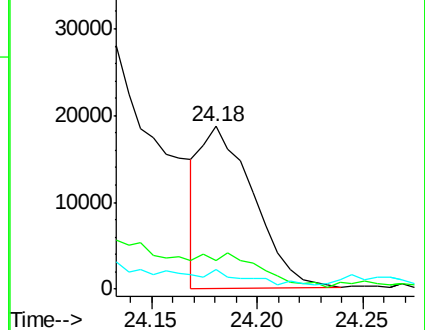
125 11.9 8.1 12.1

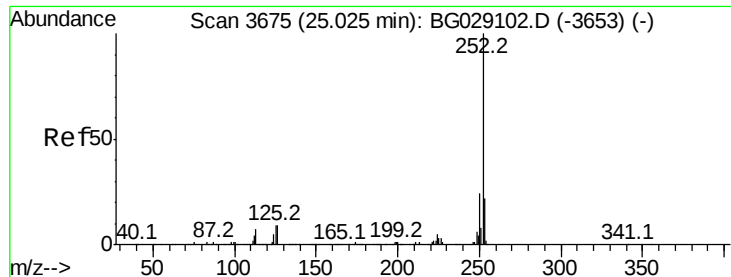


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

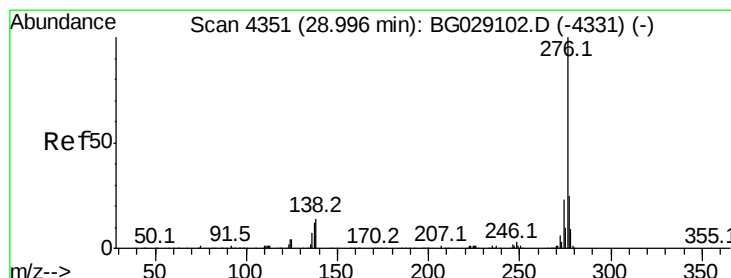
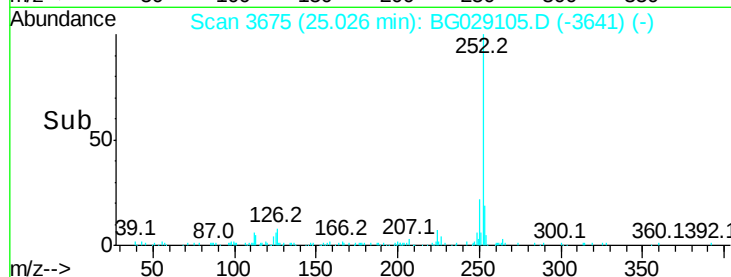
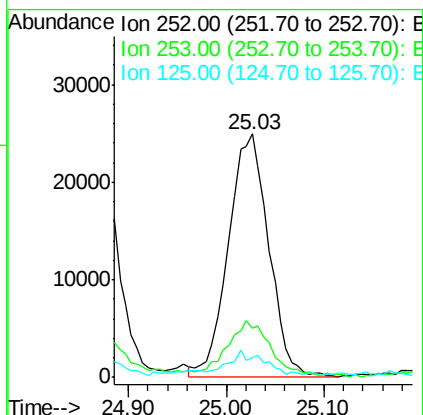
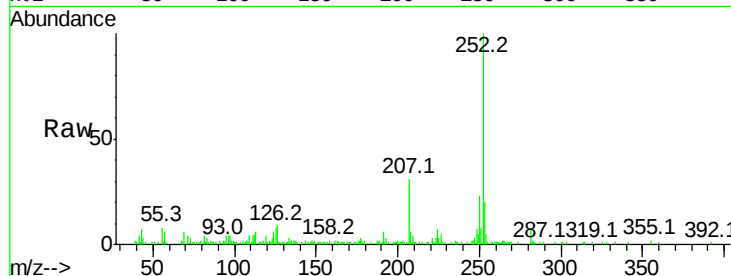




#26
Benzo(a)pyrene
Concen: 3.242 ng/ul
RT: 25.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

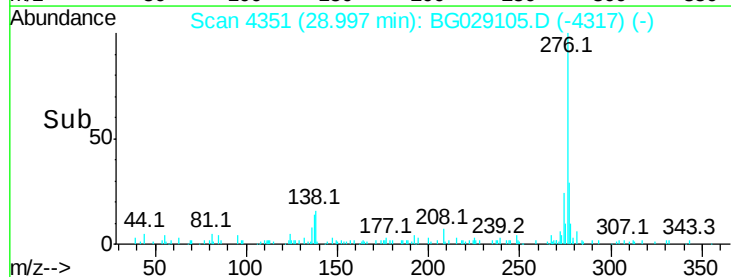
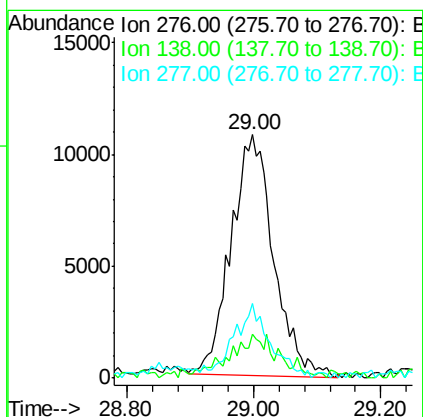
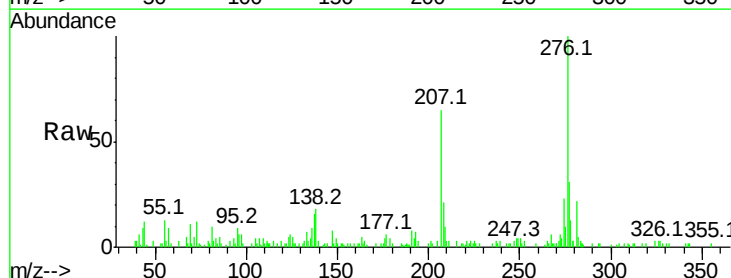
Instrument :
BNA_G
ClientSampleId :
DAGC5MS

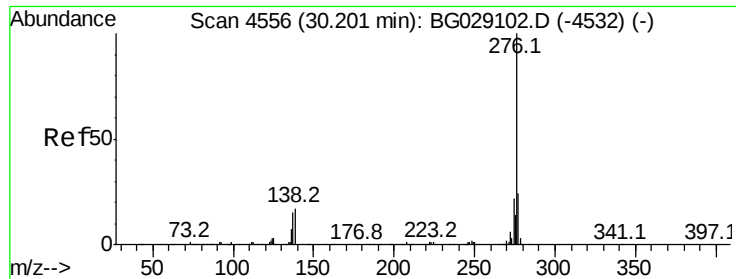
Tot Ion:252 Resp: 71671
Ion Ratio Lower Upper
252 100
253 20.0 17.2 25.8
125 7.9 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.010 ng/ul
RT: 29.00 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG029105.D
Acq: 9 Oct 2017 13:19

Tgt Ion:276 Resp: 50424
Ion Ratio Lower Upper
276 100
138 18.2 14.4 21.6
277 30.8 18.0 27.0#





#29

Benzo(a,h,i)perylene

Concen: 2.075 ng/ul

RT: 30.17 min Scan# 4551

Delta R.T. -0.03 min

Lab File: BG029105.D

Acq: 9 Oct 2017 13:19

Instrument :

BNA_G

ClientSampleId :

DAGC5MS

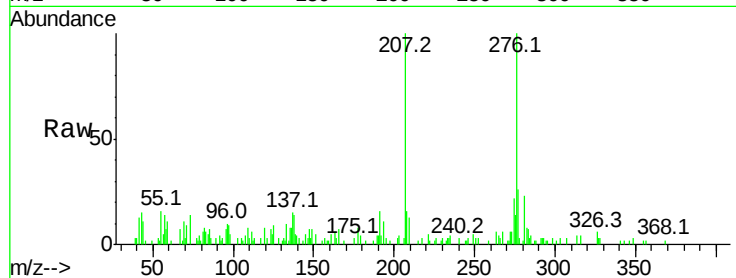
Tot Ion:276 Resp: 42934

Ion Ratio Lower Upper

276 100

138 18.3 15.3 22.9

277 26.3 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

