

Data File : BG025924.D
Acq On : 22 Feb 2017 3:51
Operator : SJ/MA
Sample : I1900-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABC9

Quant Time: Feb 22 04:52:06 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	138342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	676809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	395791	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	813690	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	807640	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	791461	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	594375	18.13	ng/ul	0.00
10) Fluorene-d10	15.68	176	433905	17.24	ng/ul	0.00
14) Anthracene-d10	17.52	188	639346	17.38	ng/ul	0.00
18) Pyrene-d10	19.79	212	684709	17.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	625846	17.87	ng/ul	0.00

Target Compounds				Qvalue		
4) 2-Methylnaphthalene	12.53	142	26751	1.02	ng/ul	87
13) Phenanthrene	17.46	178	165489	3.81	ng/ul	99
16) Fluoranthene	19.46	202	344297	7.22	ng/ul	99
19) Pyrene	19.82	202	294075	6.02	ng/ul#	97
20) Benzo(a)anthracene	21.66	228	194278	4.28	ng/ul	93
21) Chrysene	21.72	228	208460	4.80	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	365168	7.99	ng/ul#	96
24) Benzo(k)fluoranthene	23.87	252	365168	8.27	ng/ul#	96
26) Benzo(a)pyrene	24.74	252	207519	4.69	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	28.54	276	167830	3.24	ng/ul#	83
29) Benzo(g,h,i)perylene	29.68	276	72681	1.70	ng/ul#	90

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

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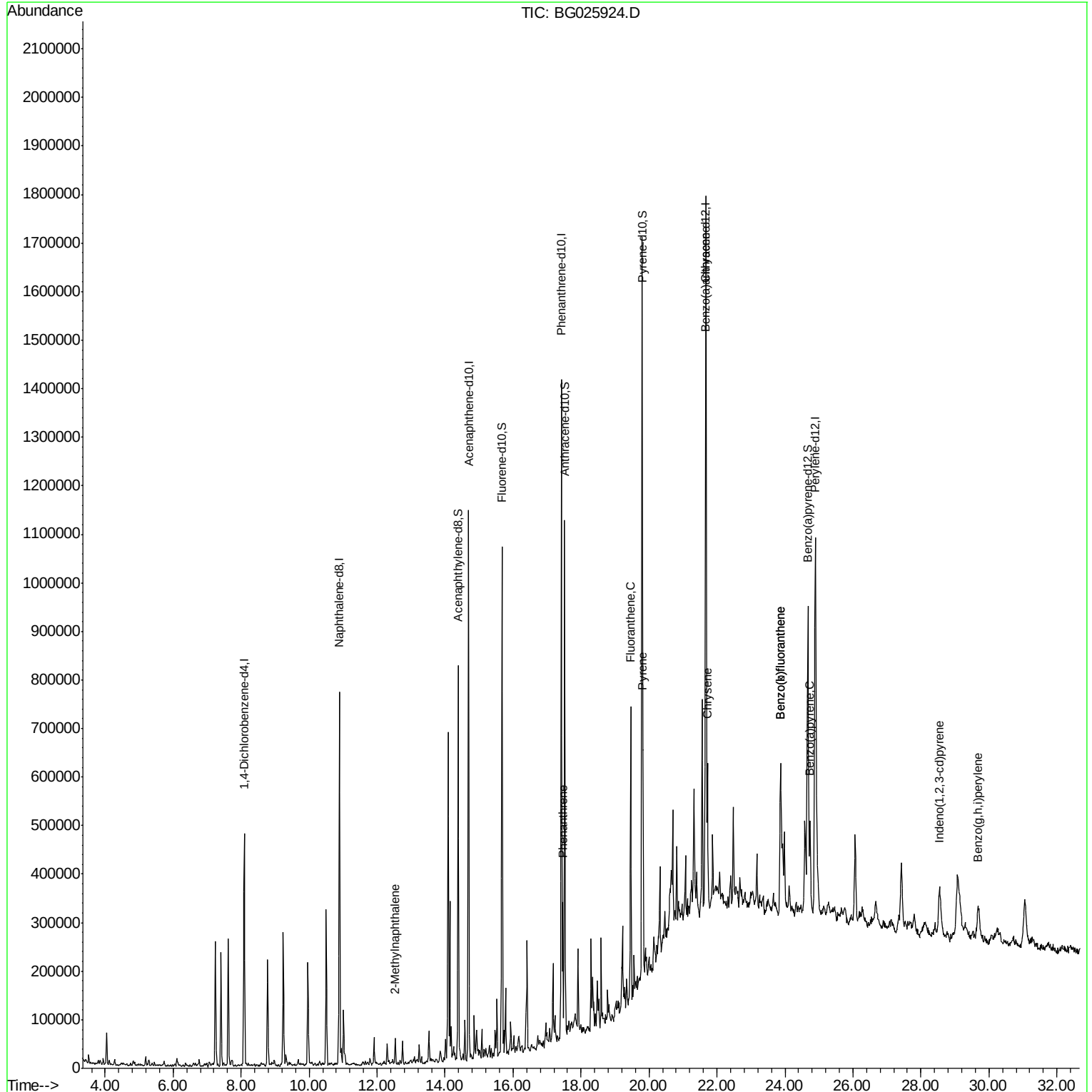
Quant Time: Feb 22 04:52:06 2017

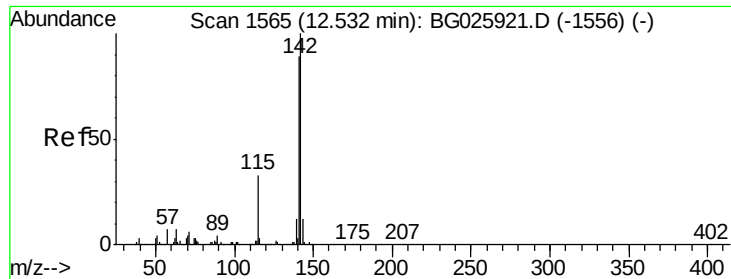
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 22 04:47:03 2017

Response via : Initial Calibration





#4

2-Methylnaphthalene

Concen: 1.02 ng/ul

RT: 12.53 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

ClientSampleId :

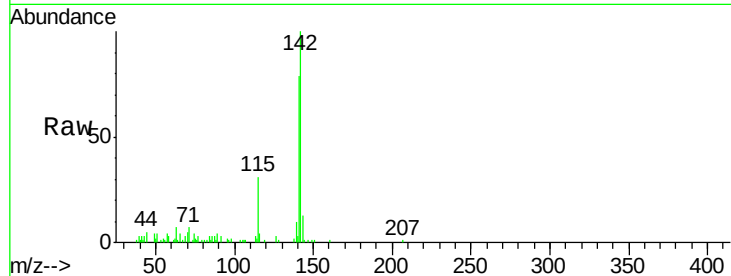
DABC9

Tgt Ion:142 Resp: 26751

Ion Ratio Lower Upper

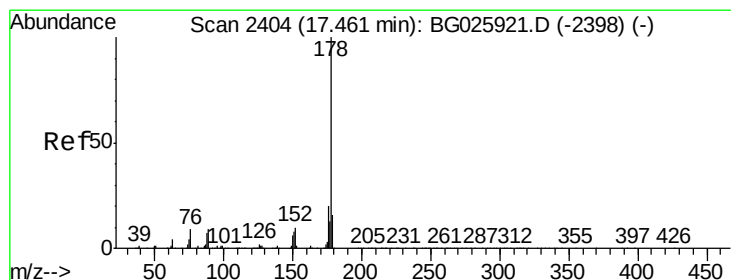
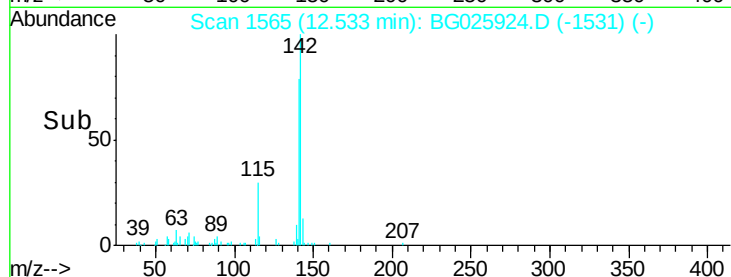
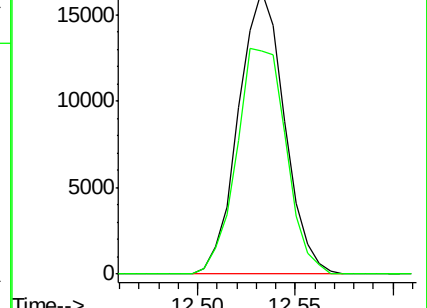
142 100

141 79.0 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: 3.81 ng/ul

RT: 17.46 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

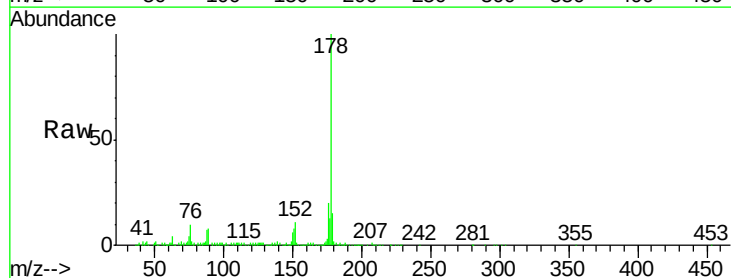
Tgt Ion:178 Resp: 165489

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

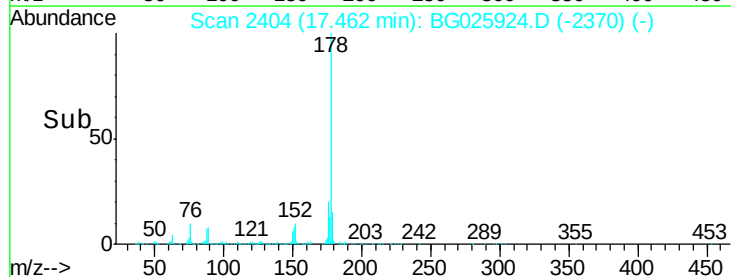
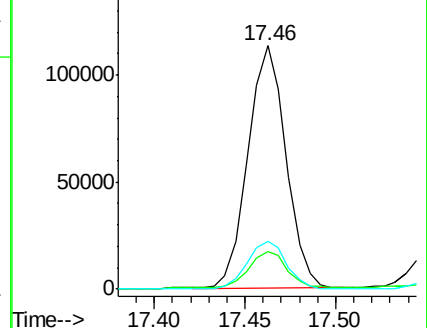
176 19.7 15.1 22.7

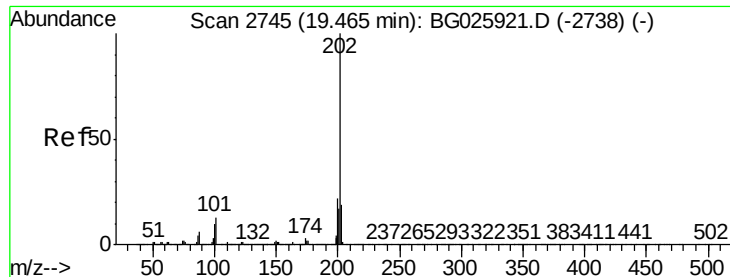


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

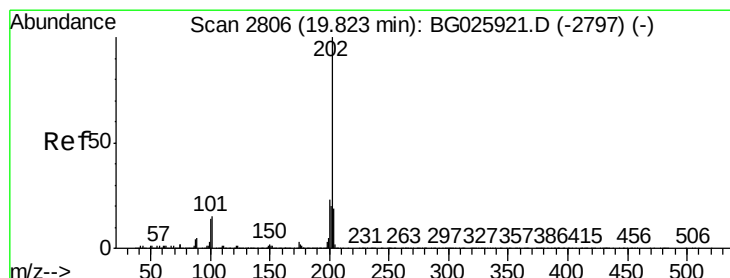
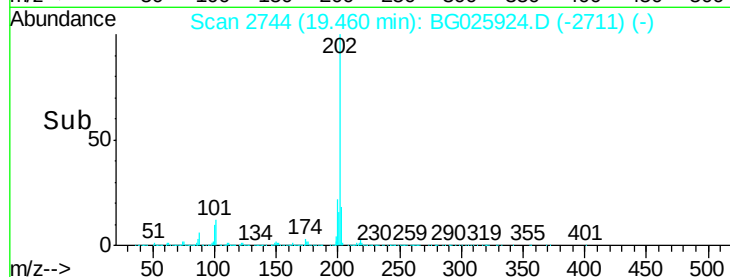
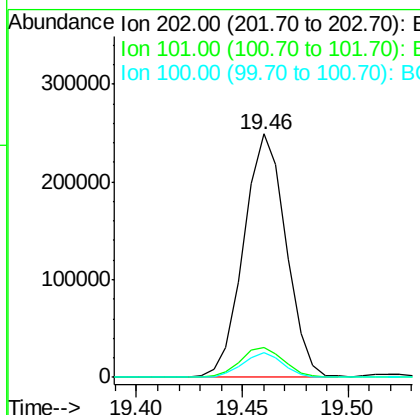
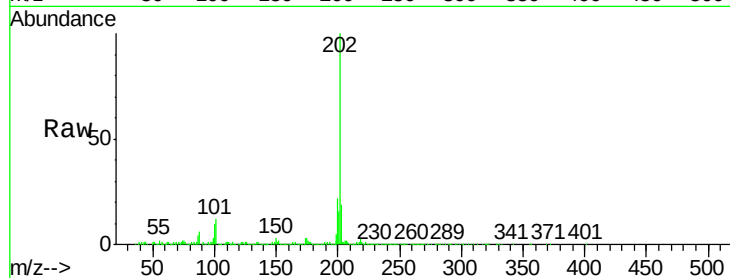




#16
 Fluoranthene
 Concen: 7.22 ng/ul
 RT: 19.46 min Scan# 2744
 Delta R.T. -0.00 min
 Lab File: BG025924.D
 Acq: 22 Feb 2017 3:51

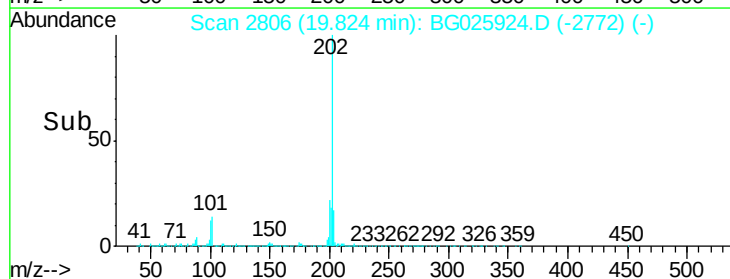
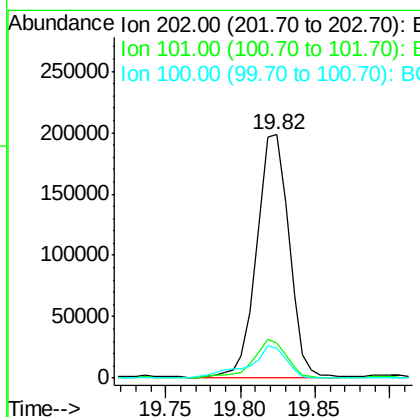
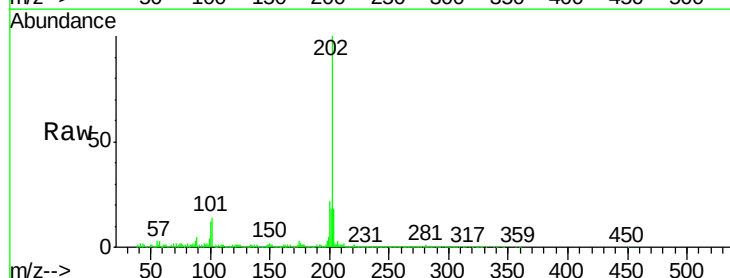
Instrument :
 BNA_G
 ClientSampleId :
 DABC9

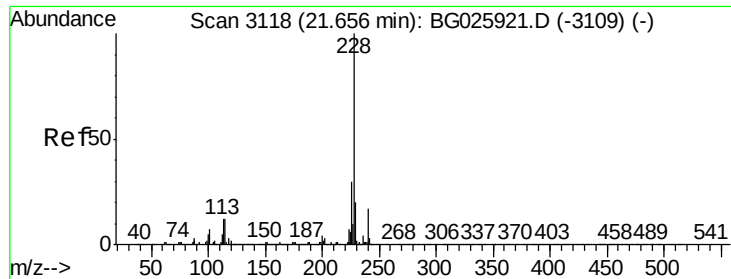
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	10.0	7.4	11.0



#19
 Pyrene
 Concen: 6.02 ng/ul
 RT: 19.82 min Scan# 2806
 Delta R.T. 0.00 min
 Lab File: BG025924.D
 Acq: 22 Feb 2017 3:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.4
100	12.2	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 4.28 ng/ul

RT: 21.66 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

ClientSampleId :

DABC9

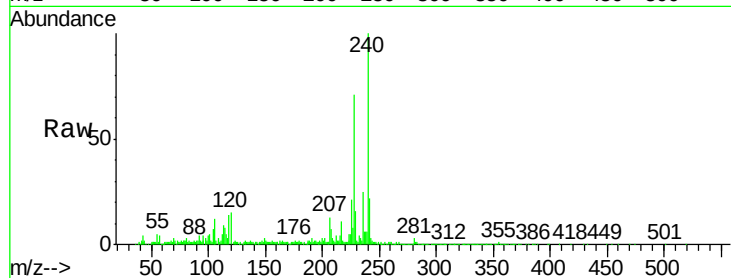
Tgt Ion:228 Resp: 194278

Ion Ratio Lower Upper

228 100

229 22.8 15.7 23.5

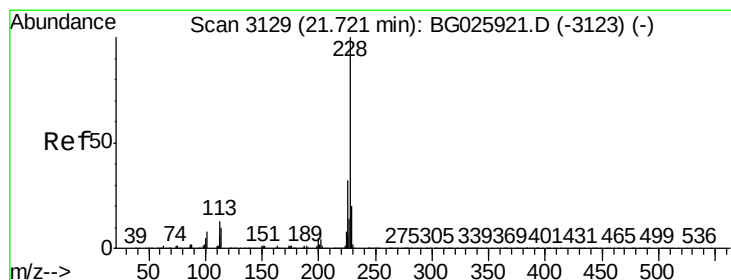
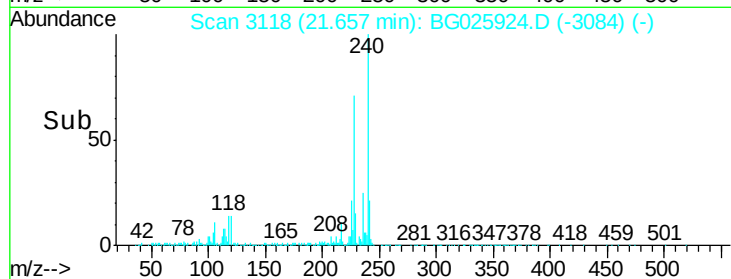
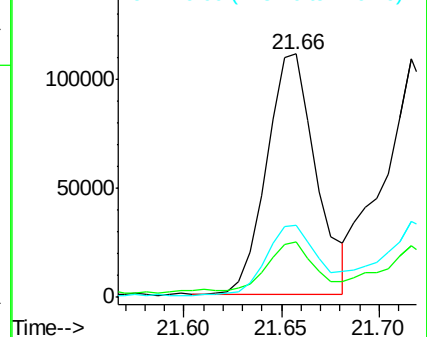
226 29.6 21.1 31.7



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: 4.80 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

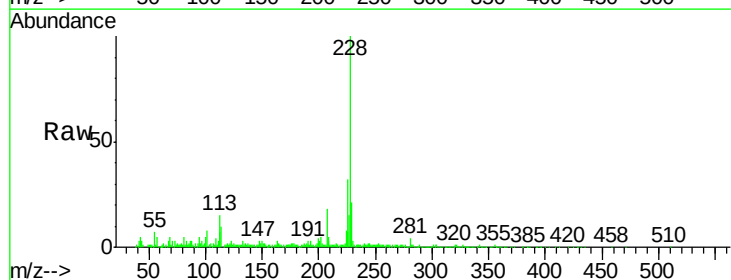
Tgt Ion:228 Resp: 208460

Ion Ratio Lower Upper

228 100

226 31.8 24.5 36.7

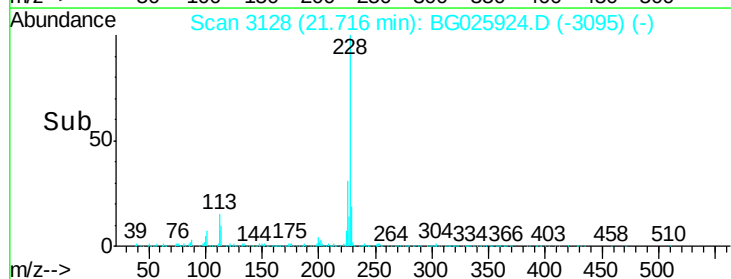
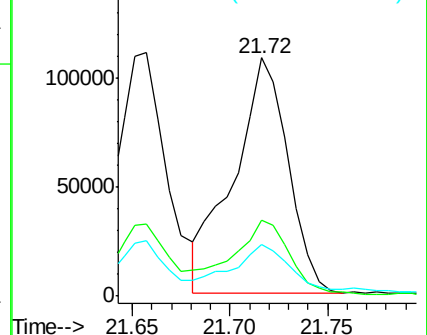
229 21.4 15.8 23.8

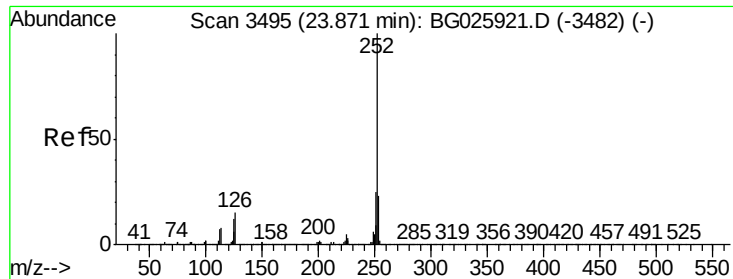


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 7.99 ng/ul

RT: 23.87 min Scan# 3495

Delta R.T. 0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

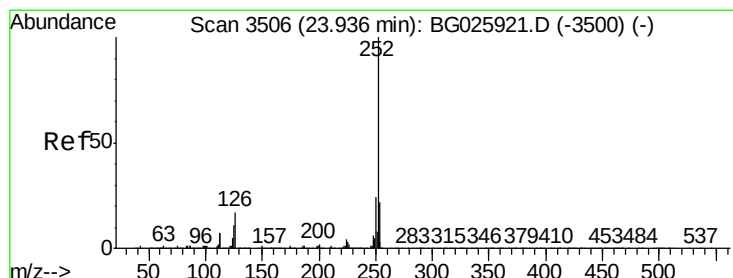
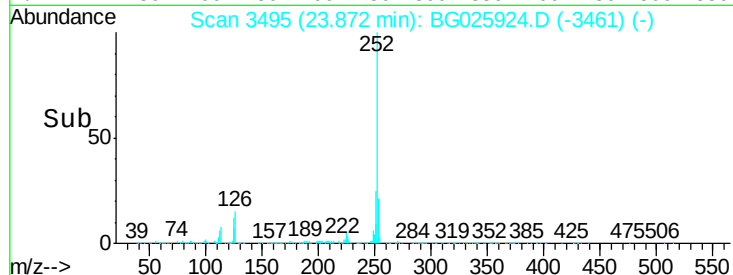
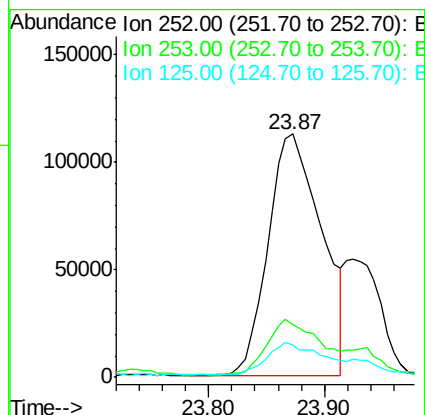
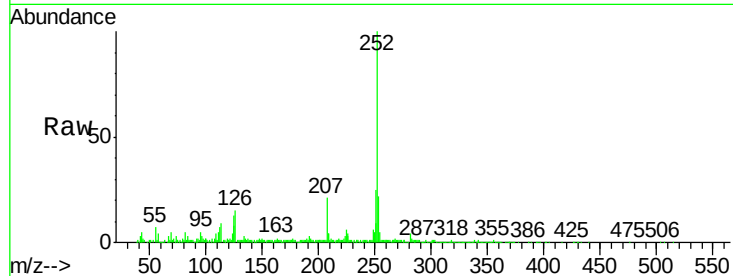
Instrument :

BNA_G

ClientSampled :

DABC9

Tgt Ion:	252	Resp:	365168
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	13.5	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 8.27 ng/ul

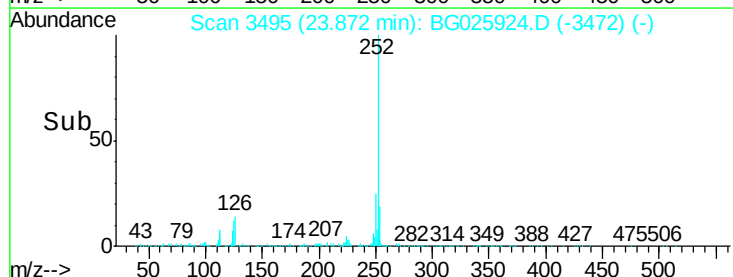
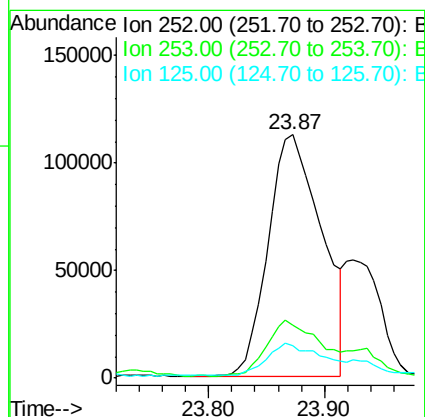
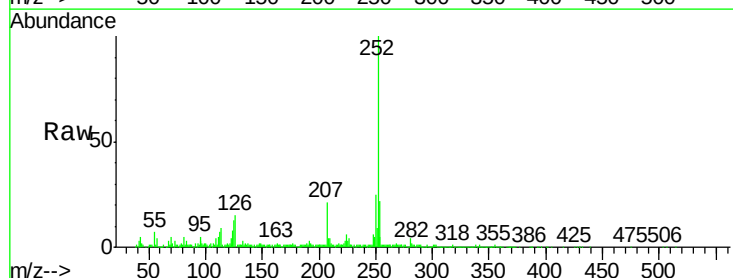
RT: 23.87 min Scan# 3495

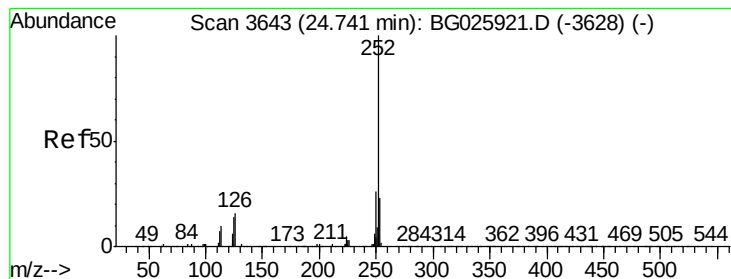
Delta R.T. -0.06 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Tgt Ion:	252	Resp:	365168
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	13.5	8.1	12.1#





#26

Benzo(a)pyrene

Concen: 4.69 ng/ul

RT: 24.74 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

ClientSampled :

DABC9

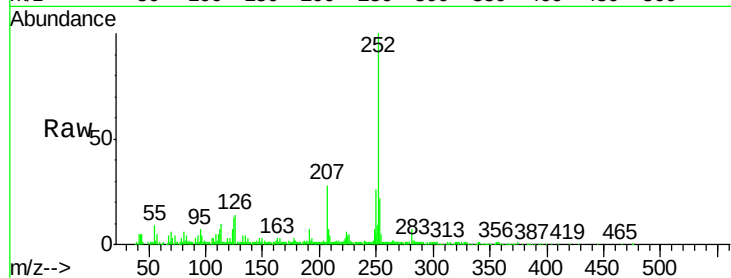
Tgt Ion:252 Resp: 207519

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

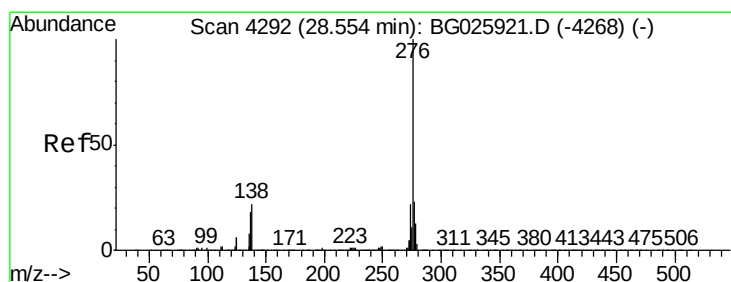
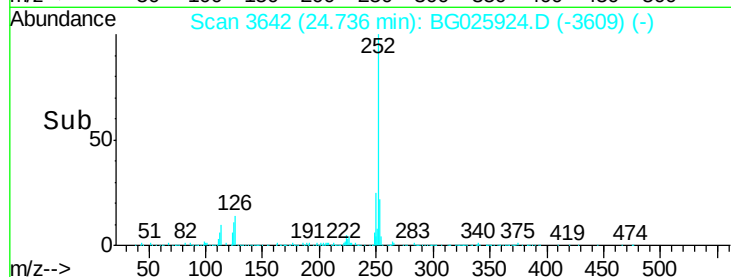
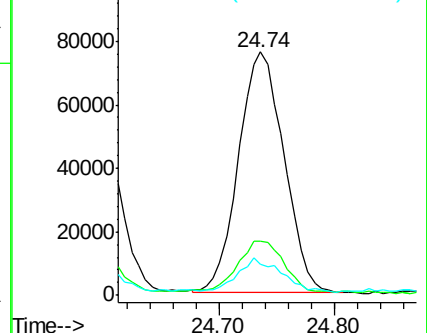
125 12.6 8.2 12.4#



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: 3.24 ng/ul

RT: 28.54 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

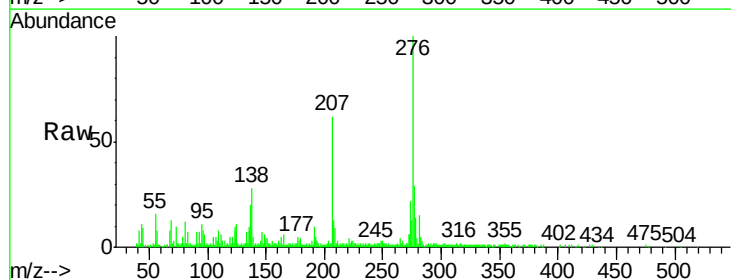
Tgt Ion:276 Resp: 167830

Ion Ratio Lower Upper

276 100

138 28.1 14.4 21.6#

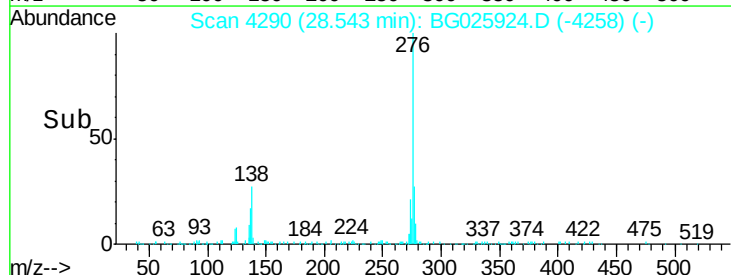
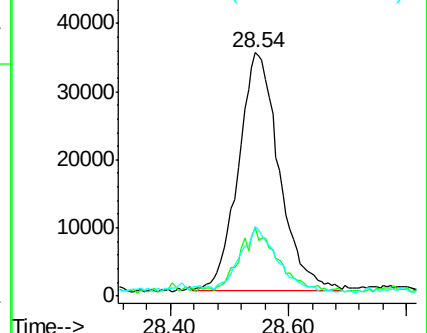
277 28.8 18.0 27.0#

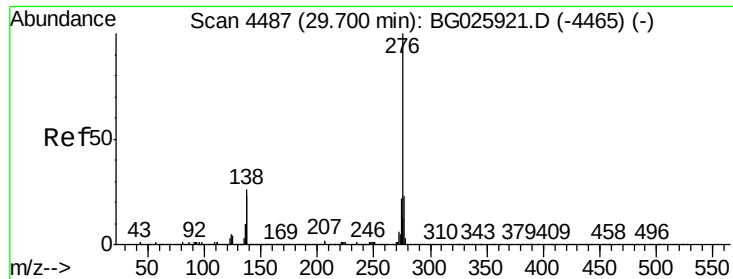


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 1.70 ng/ul

RT: 29.68 min Scan# 4484

Delta R.T. -0.02 min

Lab File: BG025924.D

Acq: 22 Feb 2017 3:51

Instrument :

BNA_G

ClientSampleId :

DABC9

Tgt Ion: 276 Resp: 72681

Ion Ratio Lower Upper

276 100

138 26.3 15.3 22.9#

277 25.9 19.0 28.4

