

Data File : BG025926.D
Acq On : 22 Feb 2017 5:10
Operator : SJ/MA
Sample : I1900-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABD1

Quant Time: Feb 22 05:50:33 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	128903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	632709	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	366438	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	762833	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	765637	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	745775	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.39	160	677285	22.32	ng/ul	0.00
10) Fluorene-d10	15.67	176	478764	20.55	ng/ul	0.00
14) Anthracene-d10	17.52	188	671734	19.48	ng/ul	0.00
18) Pyrene-d10	19.79	212	686124	18.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	631090	19.12	ng/ul	0.00

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	206314	5.07	ng/ul	100
16) Fluoranthene	19.46	202	434552	9.72	ng/ul	99
19) Pyrene	19.82	202	362444	7.82	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	226873	5.27	ng/ul	95
21) Chrysene	21.72	228	247315	6.01	ng/ul	94
23) Benzo(b)fluoranthene	23.87	252	386118	8.96	ng/ul#	94
24) Benzo(k)fluoranthene	23.87	252	386118	9.28	ng/ul#	94
26) Benzo(a)pyrene	24.74	252	230820	5.54	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	28.55	276	85964	1.76	ng/ul#	94
29) Benzo(g,h,i)perylene	29.69	276	134167	3.33	ng/ul#	91

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

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ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampled :

DABD1

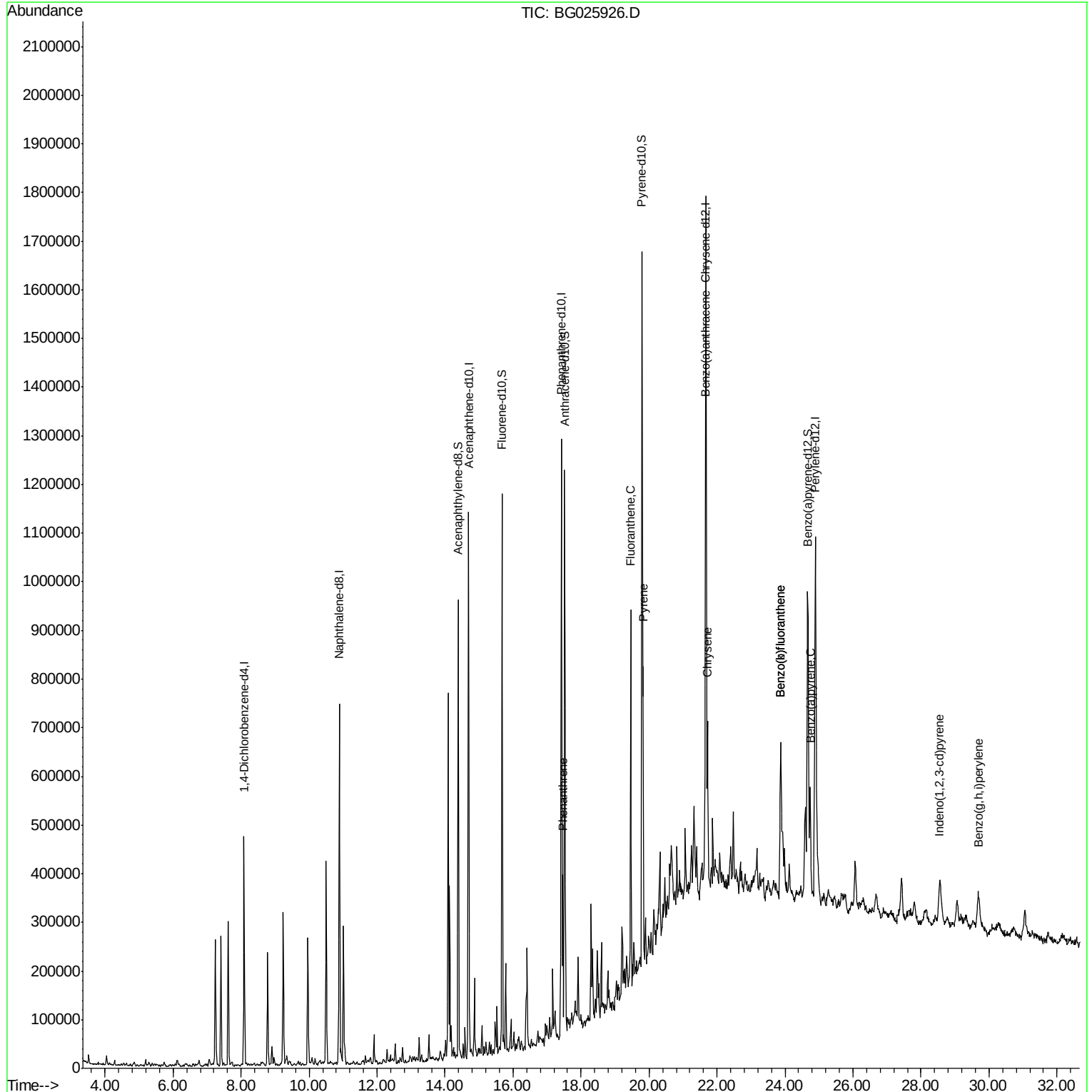
Quant Time: Feb 22 05:50:33 2017

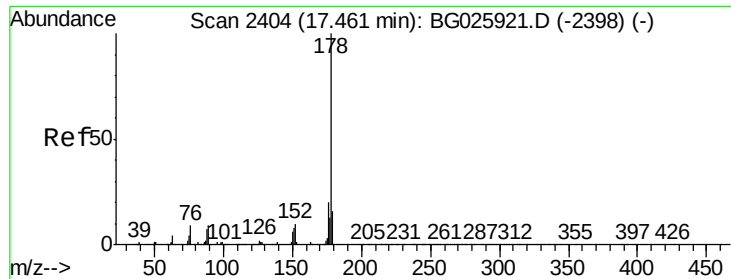
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#13

Phenanthrene

Concen: 5.07 ng/ul

RT: 17.46 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Instrument :

BNA_G

ClientSampleId :

DABD1

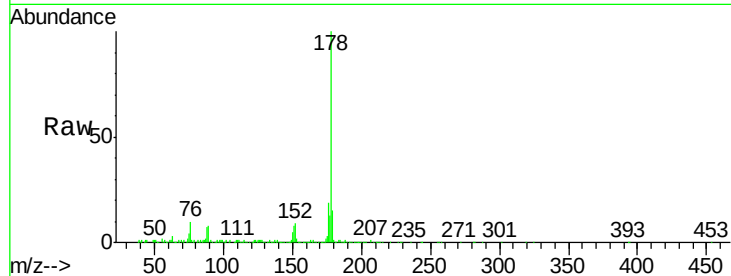
Tgt Ion:178 Resp: 206314

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

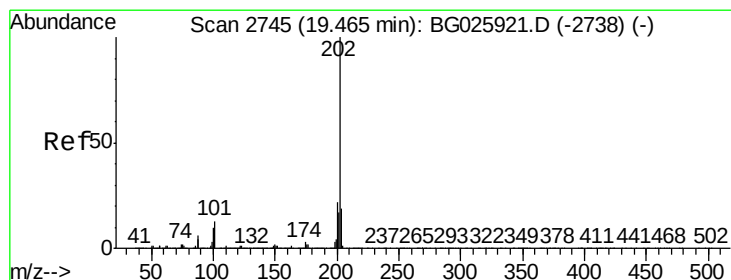
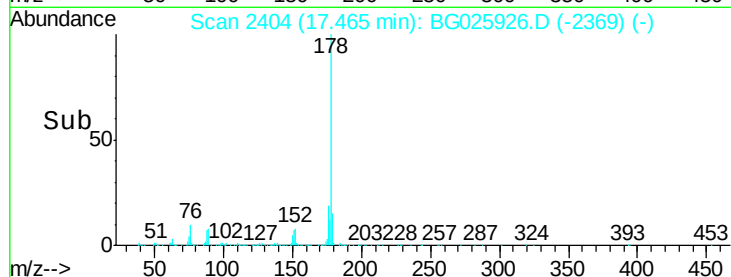
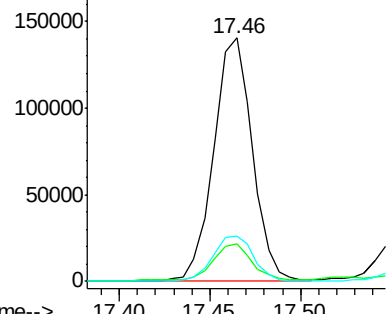
176 18.6 15.1 22.7



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: 9.72 ng/ul

RT: 19.46 min Scan# 2744

Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

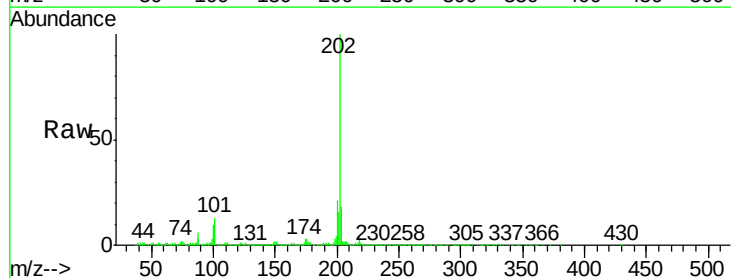
Tgt Ion:202 Resp: 434552

Ion Ratio Lower Upper

202 100

101 12.7 9.9 14.9

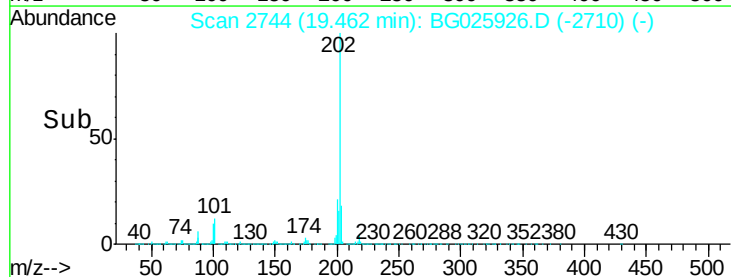
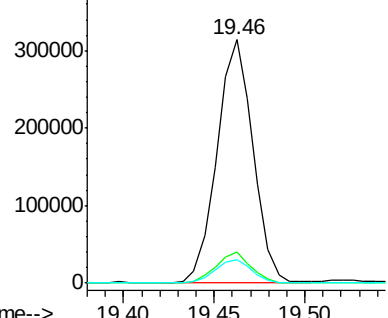
100 9.7 7.4 11.0

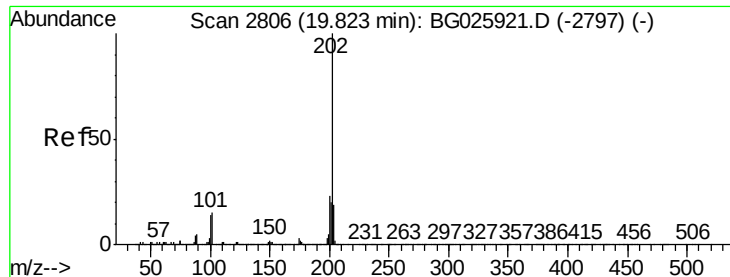


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 7.82 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Instrument :

BNA_G

ClientSampleId :

DABD1

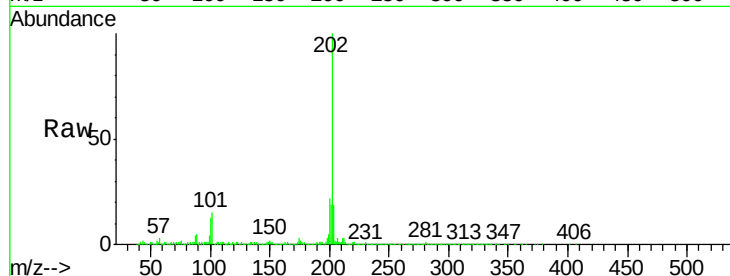
Tgt Ion:202 Resp: 362444

Ion Ratio Lower Upper

202 100

101 15.3 11.0 16.4

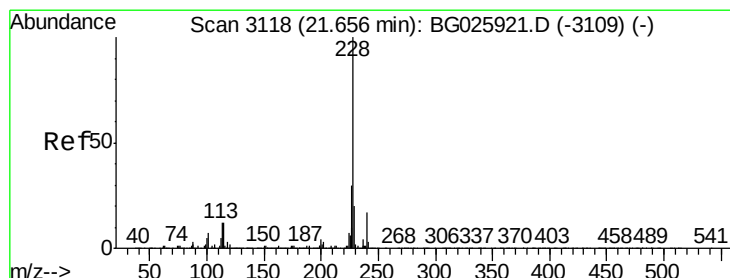
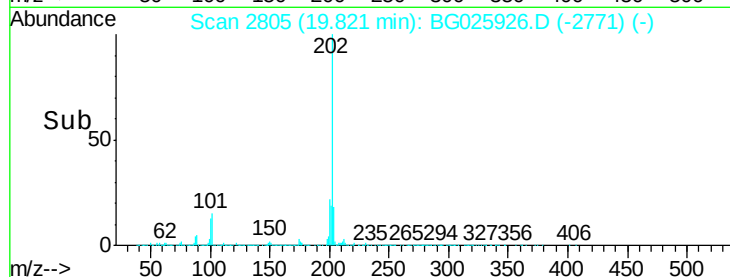
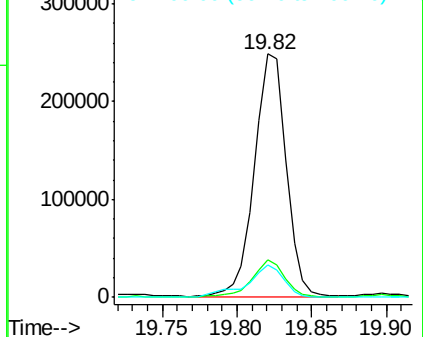
100 13.2 8.1 12.1#



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): B



#20

Benzo(a)anthracene

Concen: 5.27 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

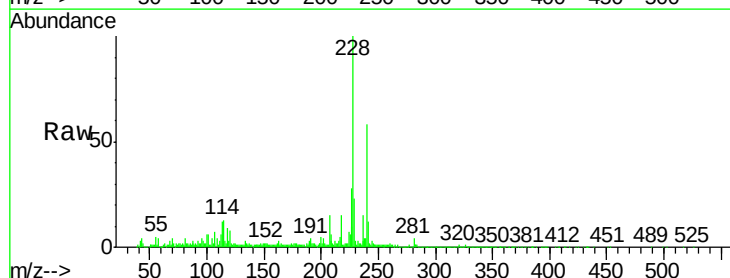
Tgt Ion:228 Resp: 226873

Ion Ratio Lower Upper

228 100

229 23.0 15.7 23.5

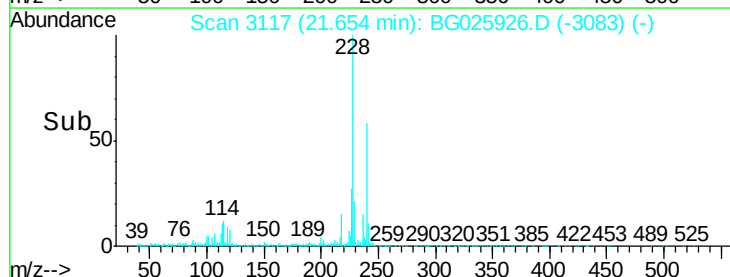
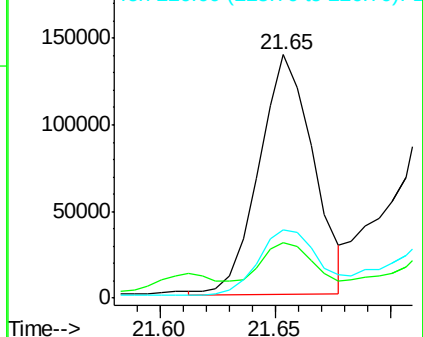
226 28.0 21.1 31.7

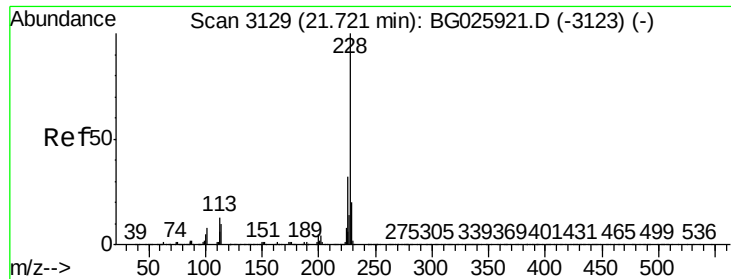


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 6.01 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Instrument :

BNA_G

ClientSampleId :

DABD1

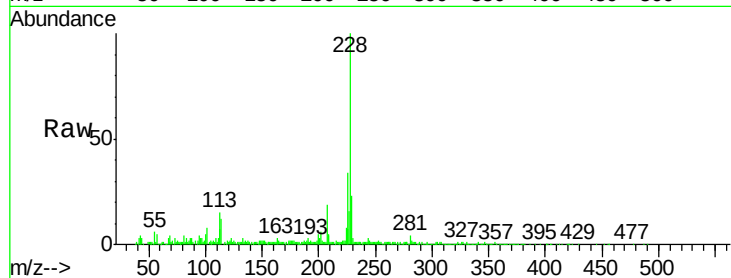
Tgt Ion:228 Resp: 247315

Ion Ratio Lower Upper

228 100

226 33.6 24.5 36.7

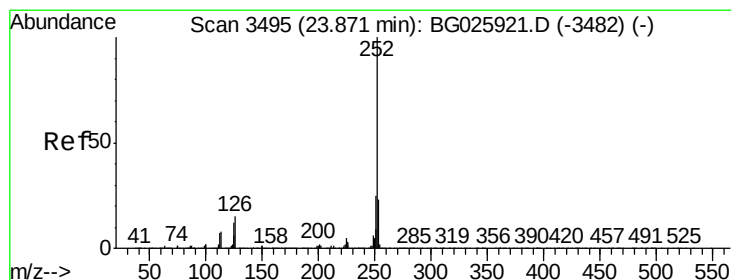
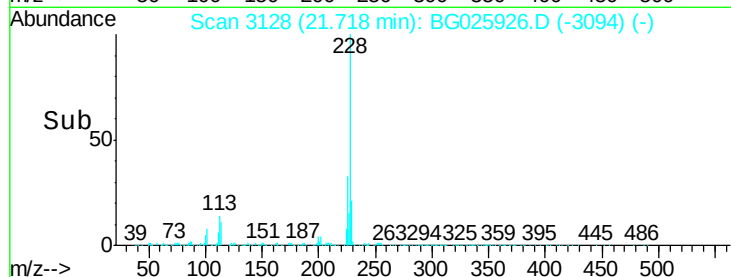
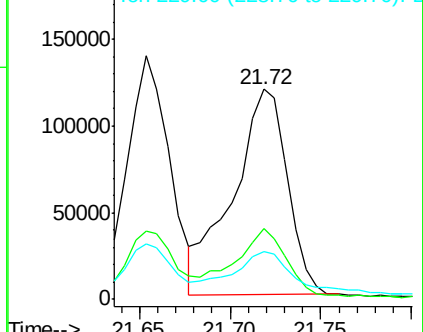
229 23.0 15.8 23.8



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: 8.96 ng/ul

RT: 23.87 min Scan# 3494

Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

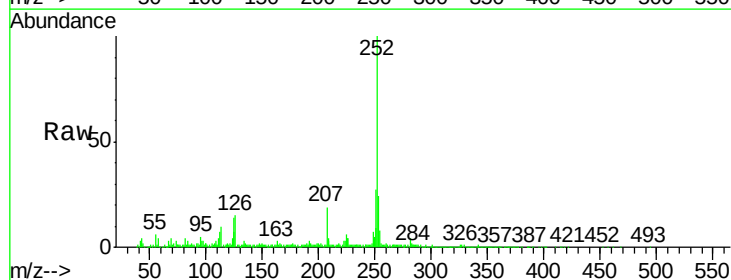
Tgt Ion:252 Resp: 386118

Ion Ratio Lower Upper

252 100

253 24.4 18.0 27.0

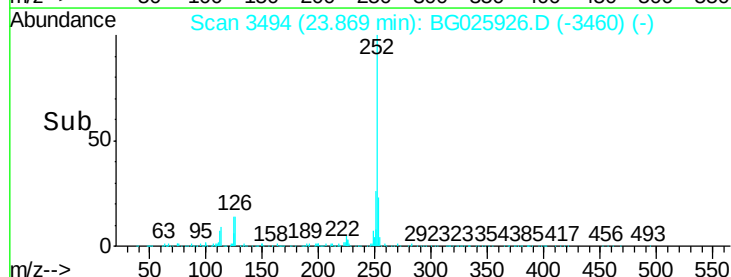
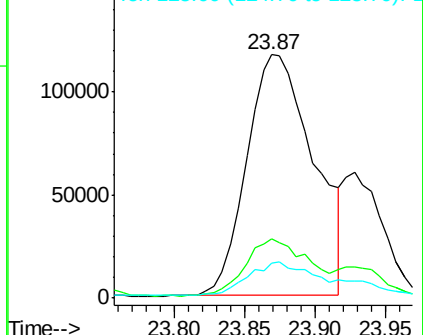
125 14.3 8.0 12.0#

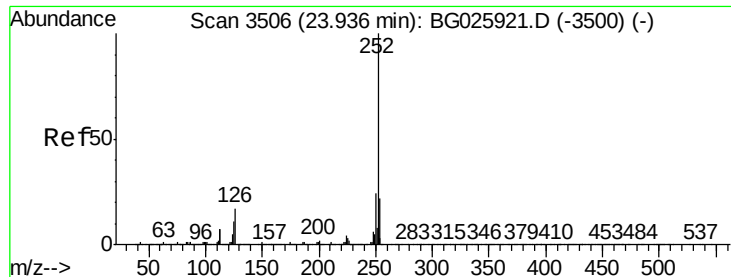


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 9.28 ng/ul

RT: 23.87 min Scan# 3494

Delta R.T. -0.07 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

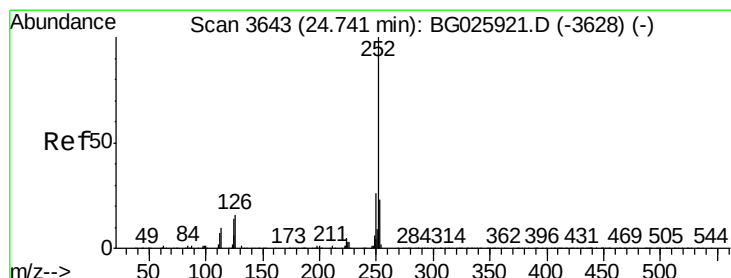
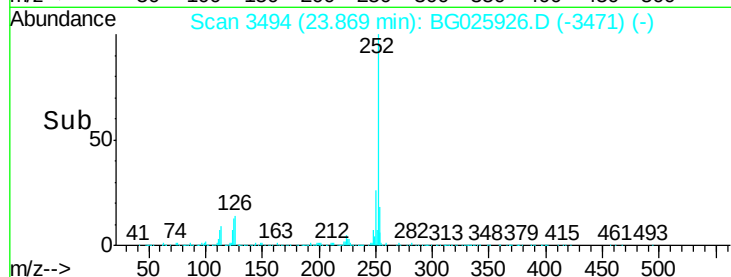
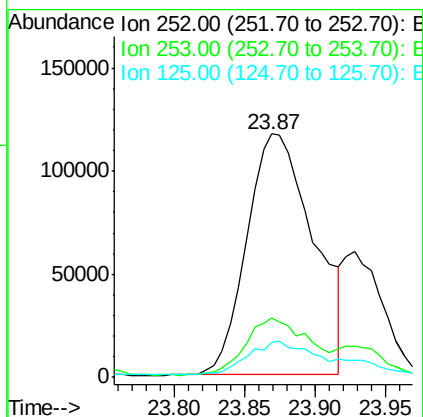
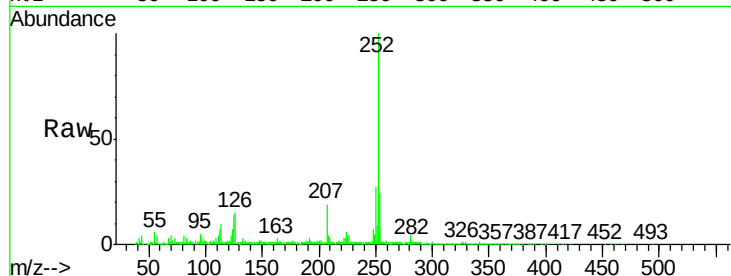
Instrument :

BNA_G

ClientSampleId :

DABD1

Tgt Ion:	252	Resp:	386118
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	14.3	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 5.54 ng/ul

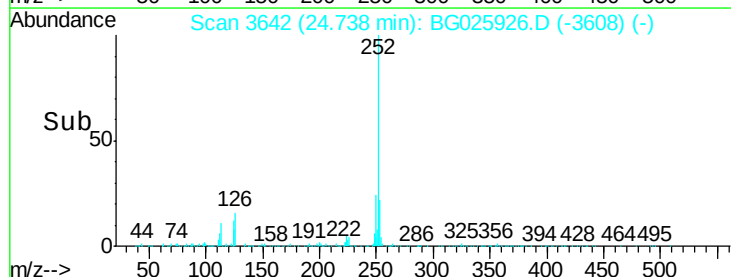
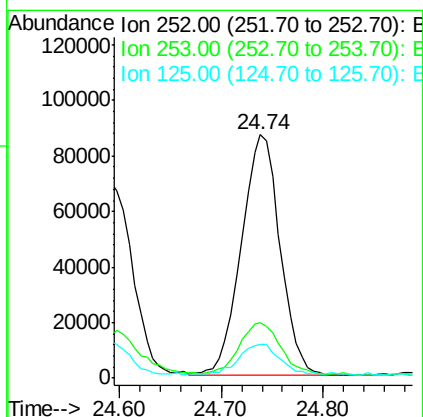
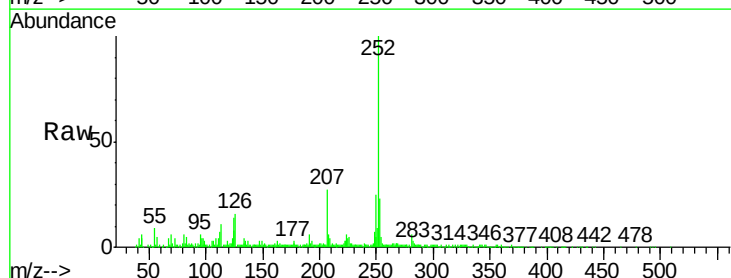
RT: 24.74 min Scan# 3642

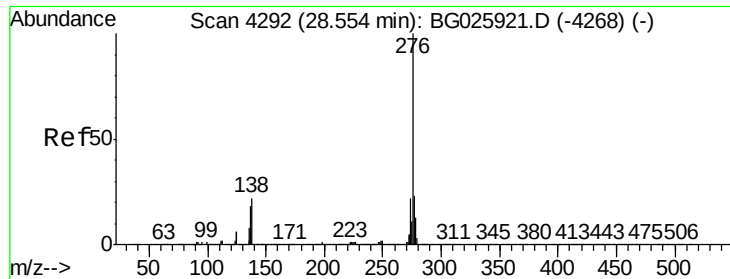
Delta R.T. -0.00 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Tgt Ion:	252	Resp:	230820
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	13.6	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.76 ng/ul

RT: 28.55 min Scan# 4290

Delta R.T. -0.01 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Instrument :

BNA_G

ClientSampleId :

DABD1

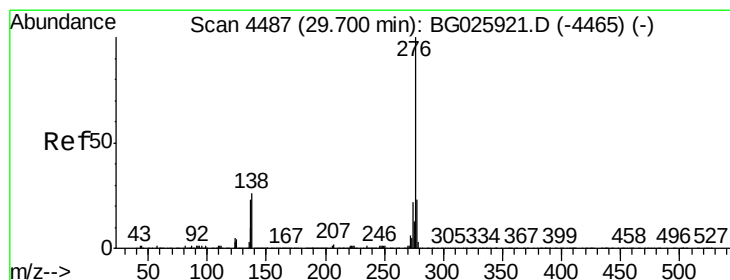
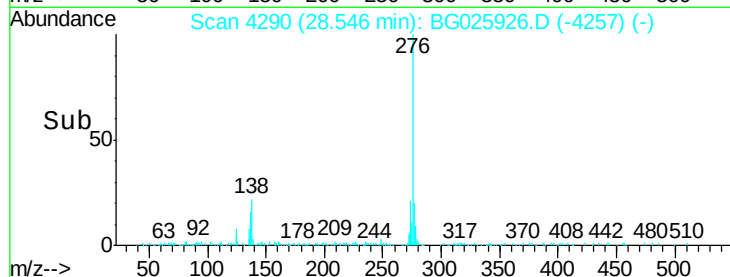
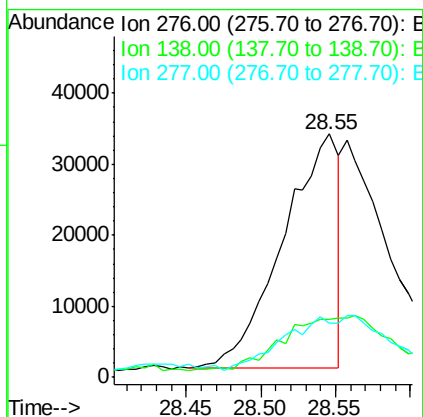
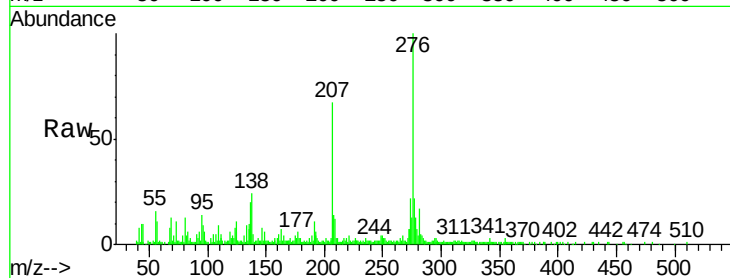
Tgt Ion:276 Resp: 85964

Ion Ratio Lower Upper

276 100

138 23.9 14.4 21.6#

277 22.1 18.0 27.0



#29

Benzo(g,h,i)perylene

Concen: 3.33 ng/ul

RT: 29.69 min Scan# 4484

Delta R.T. -0.01 min

Lab File: BG025926.D

Acq: 22 Feb 2017 5:10

Tgt Ion:276 Resp: 134167

Ion Ratio Lower Upper

276 100

138 25.6 15.3 22.9#

277 25.7 19.0 28.4

