

Data File : BG025891.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1898-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABC1

Quant Time: Feb 21 03:19:55 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 02:22:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	114160	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	570496	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	352359	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	771245	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	755265	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	721389	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	937639	32.13	ng/ul	0.00
10) Fluorene-d10	15.67	176	683535	30.50	ng/ul	0.00
14) Anthracene-d10	17.51	188	980519	28.12	ng/ul	0.00
18) Pyrene-d10	19.79	212	1016586	27.93	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	935870	29.31	ng/ul	0.00

Target Compounds				Qvalue		
15) Anthracene	17.46	178	52507	1.26	ng/ul	94
16) Fluoranthene	19.46	202	94334	2.09	ng/ul	99
19) Pyrene	19.81	202	96483	2.11	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	61735	1.45	ng/ul	95
21) Chrysene	21.71	228	69011	1.70	ng/ul	95
23) Benzo(b)fluoranthene	23.85	252	95046	2.28	ng/ul#	92
26) Benzo(a)pyrene	24.72	252	60578	1.50	ng/ul#	92

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

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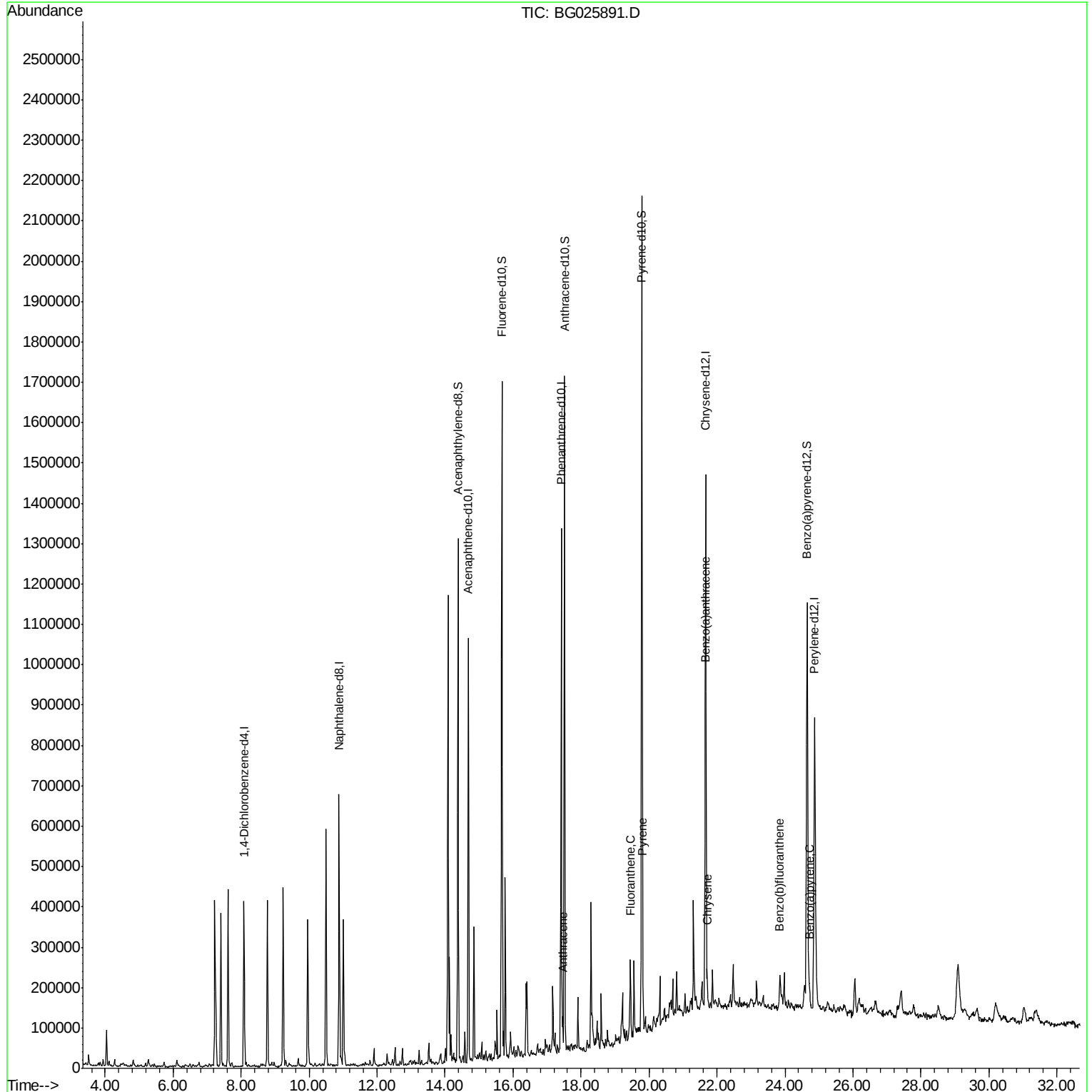
Quant Time: Feb 21 03:19:55 2017

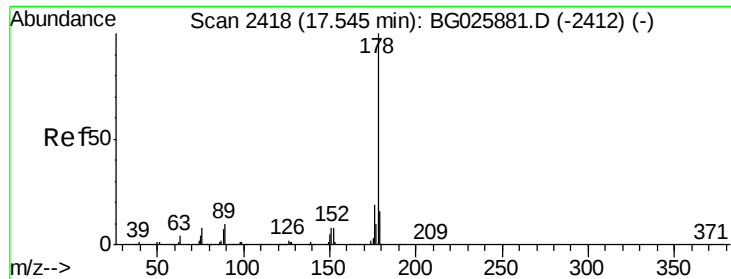
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

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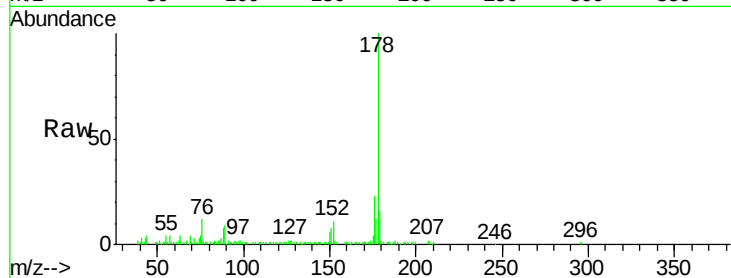




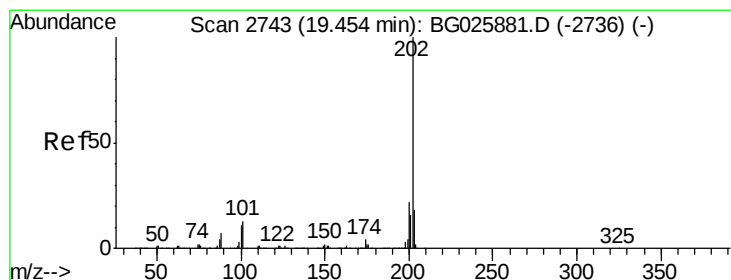
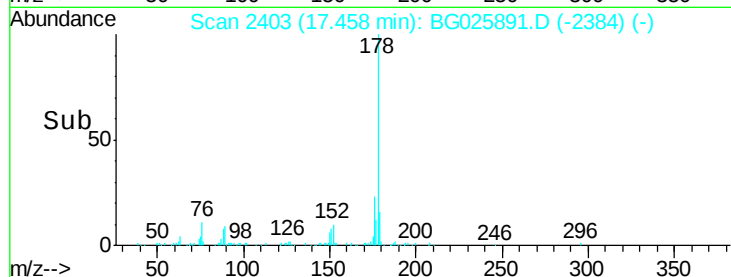
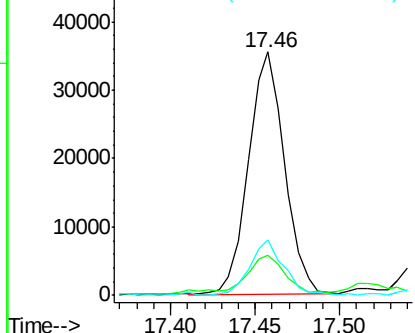
#15
 Anthracene
 Concen: 1.26 ng/ul
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.09 min
 Lab File: BG025891.D
 Acq: 21 Feb 2017 2:39

Instrument :
 BNA_G
 ClientSampleId :
 DABC1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	22.7	15.2	22.8

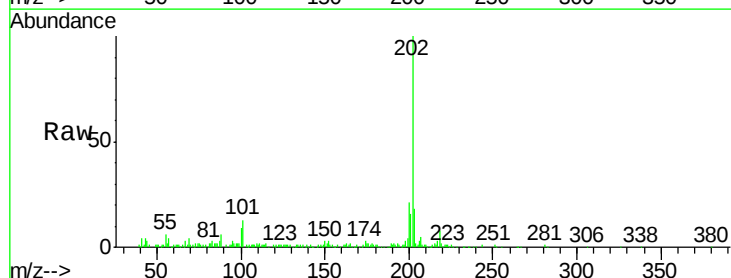


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

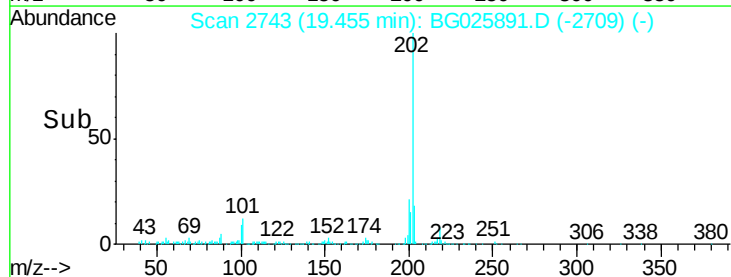
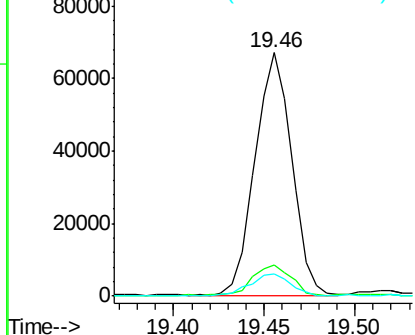


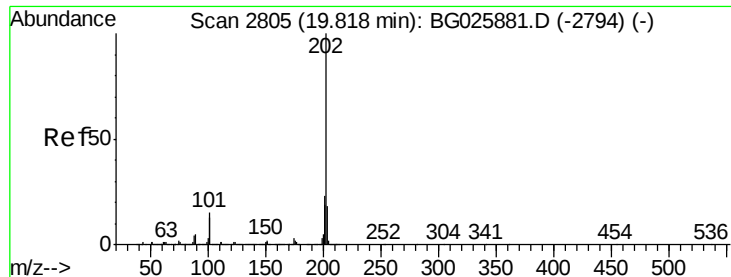
#16
 Fluoranthene
 Concen: 2.09 ng/ul
 RT: 19.46 min Scan# 2743
 Delta R.T. 0.00 min
 Lab File: BG025891.D
 Acq: 21 Feb 2017 2:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.9	14.9
100	9.4	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: 2.11 ng/ul

RT: 19.81 min Scan# 2804

Delta R.T. -0.00 min

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Instrument :

BNA_G

ClientSampleId :

DABC1

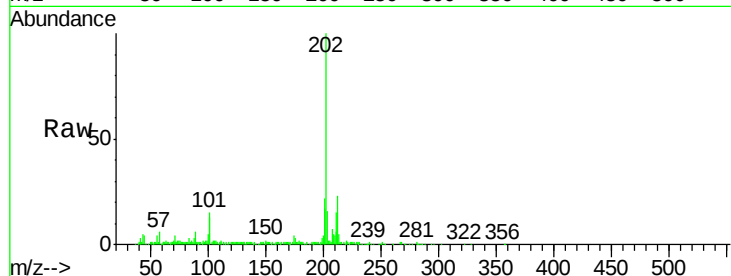
Tgt Ion:202 Resp: 96483

Ion Ratio Lower Upper

202 100

101 14.8 11.0 16.4

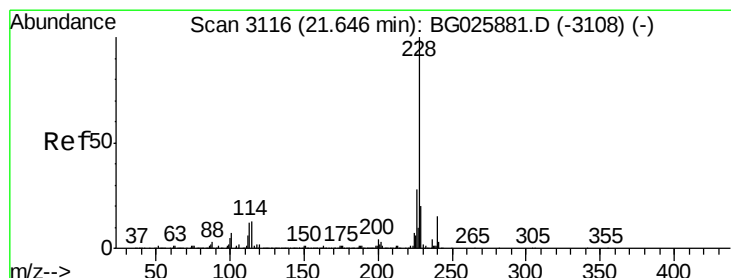
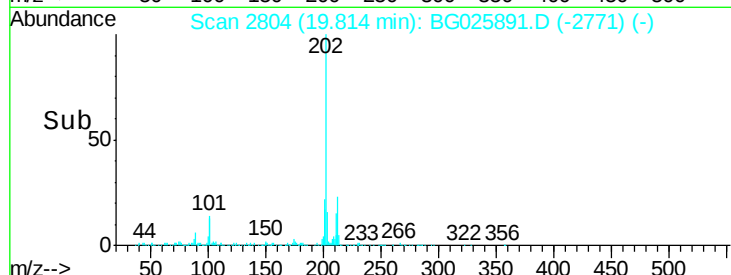
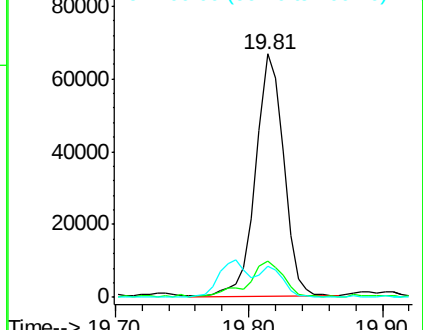
100 13.0 8.1 12.1#



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: 1.45 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

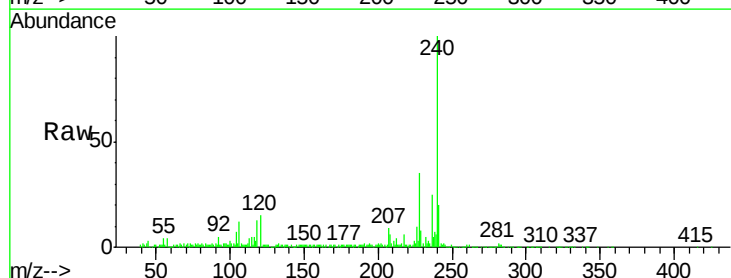
Tgt Ion:228 Resp: 61735

Ion Ratio Lower Upper

228 100

229 22.1 15.7 23.5

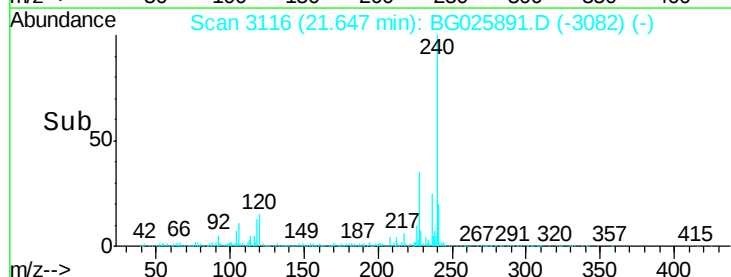
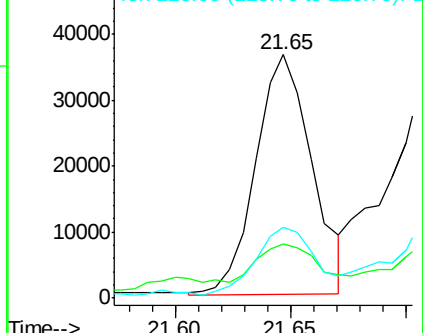
226 29.1 21.1 31.7

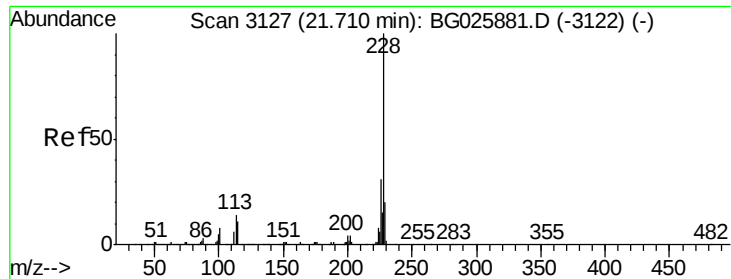


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.70 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

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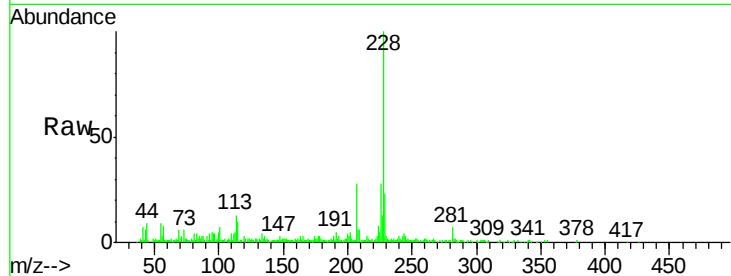
Tgt Ion:228 Resp: 69011

Ion Ratio Lower Upper

228 100

226 28.5 24.5 36.7

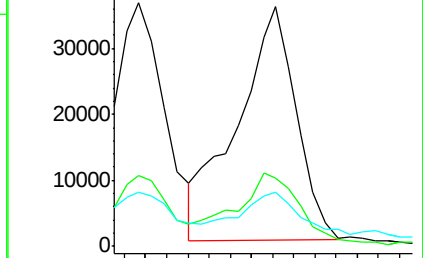
229 22.7 15.8 23.8



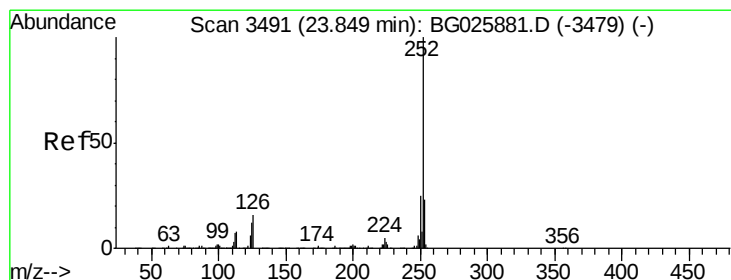
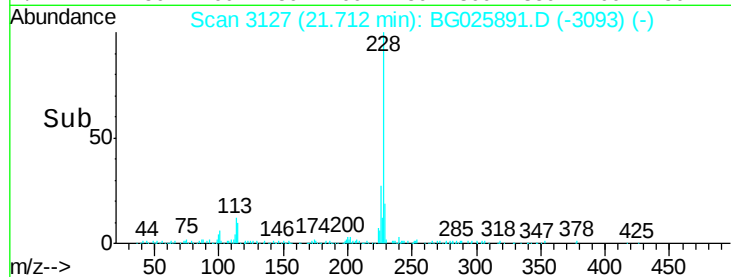
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#23

Benzo(b)fluoranthene

Concen: 2.28 ng/ul

RT: 23.85 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

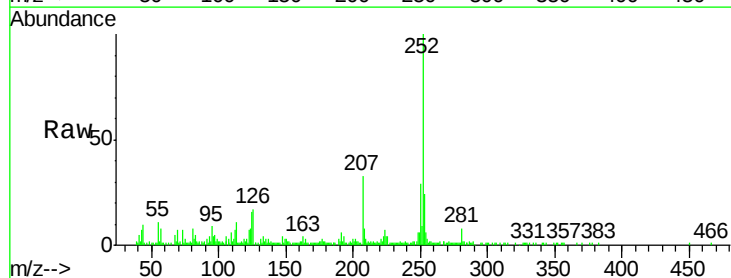
Tgt Ion:252 Resp: 95046

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

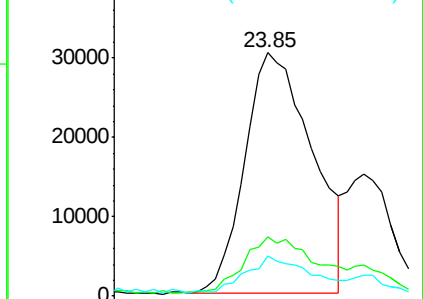
125 16.5 8.0 12.0#



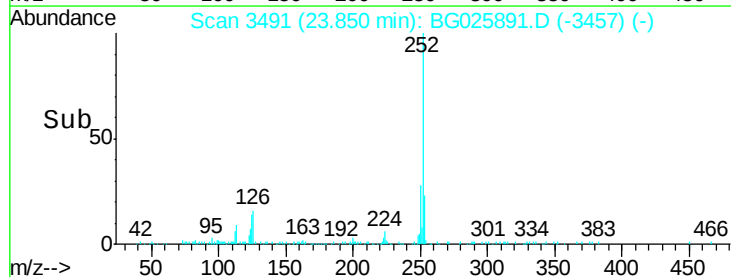
Abundance Ion 252.00 (251.70 to 252.70): E

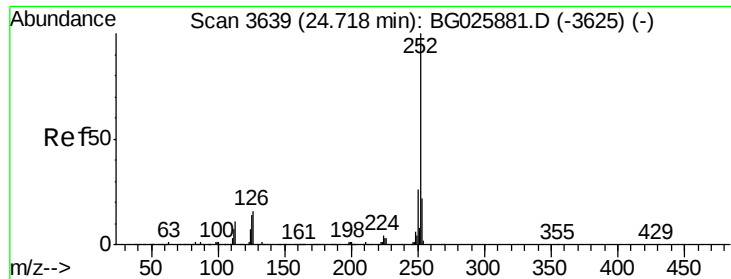
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#26

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Instrument :

BNA_G

ClientSampleId :

DABC1

Tgt Ion: 252 Resp: 60578

Ion Ratio Lower Upper

252 100

253 25.0 17.2 25.8

125 13.8 8.2 12.4#

