

Data File : BG025890.D
Acq On : 21 Feb 2017 2:00
Operator : SJ/MA
Sample : I1898-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABC0

Quant Time: Feb 21 02:55:08 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	116659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	582130	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	359915	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	798182	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	790740	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	751561	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	795555	26.69	ng/ul	0.00
10) Fluorene-d10	15.67	176	584212	25.52	ng/ul	0.00
14) Anthracene-d10	17.52	188	879720	24.38	ng/ul	0.00
18) Pyrene-d10	19.79	212	925194	24.28	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	853644	25.67	ng/ul	0.00

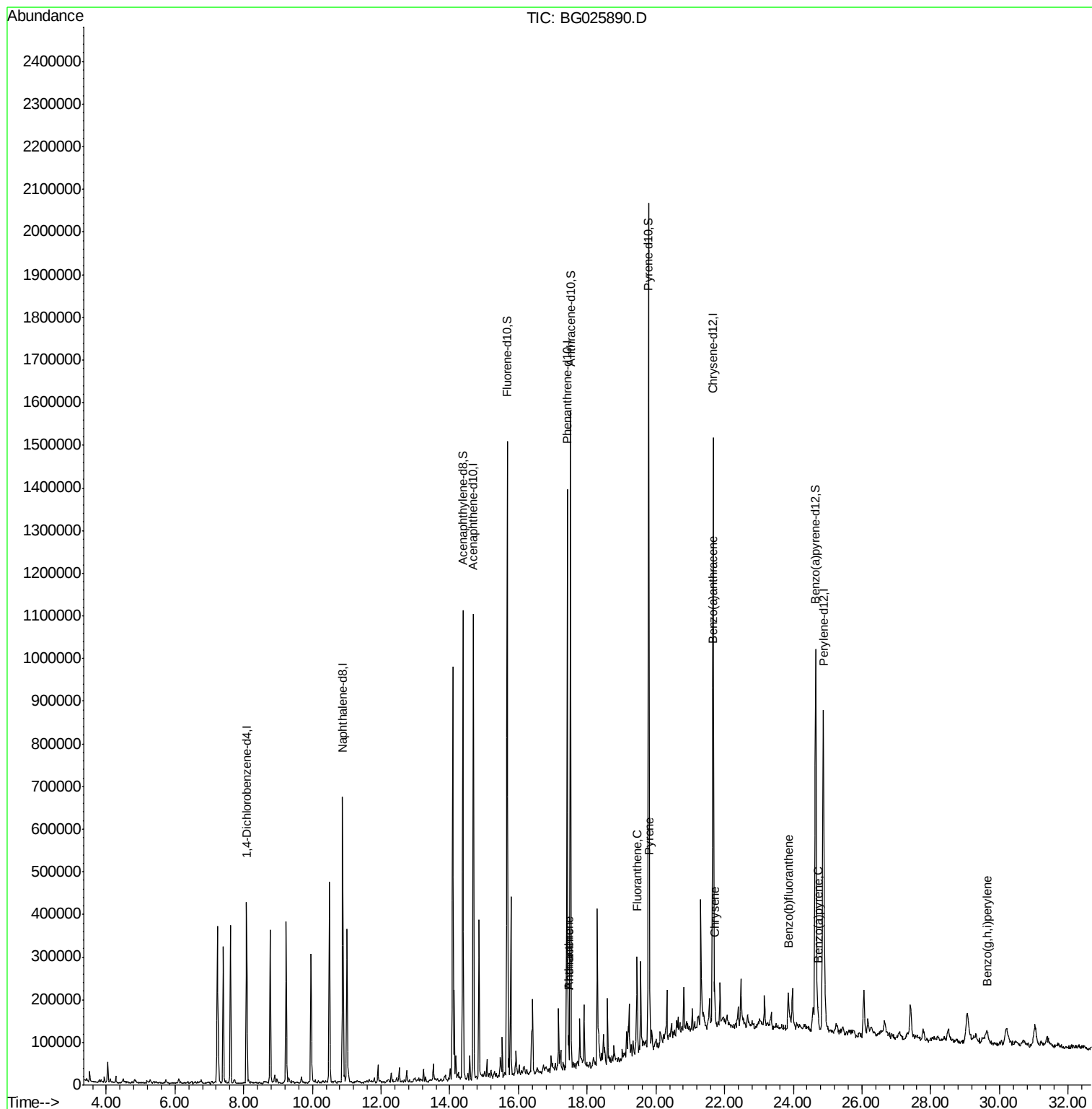
Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	47400	1.11	ng/ul	97
15) Anthracene	17.46	178	47919	1.11	ng/ul	96
16) Fluoranthene	19.45	202	103100	2.20	ng/ul	98
19) Pyrene	19.81	202	98015	2.05	ng/ul#	92
20) Benzo(a)anthracene	21.65	228	61170	1.38	ng/ul#	95
21) Chrysene	21.71	228	72982	1.72	ng/ul#	94
23) Benzo(b)fluoranthene	23.85	252	92716	2.14	ng/ul#	96
26) Benzo(a)pyrene	24.72	252	56560	1.35	ng/ul#	89
29) Benzo(g,h,i)perylene	29.65	276	43793	1.08	ng/ul#	91

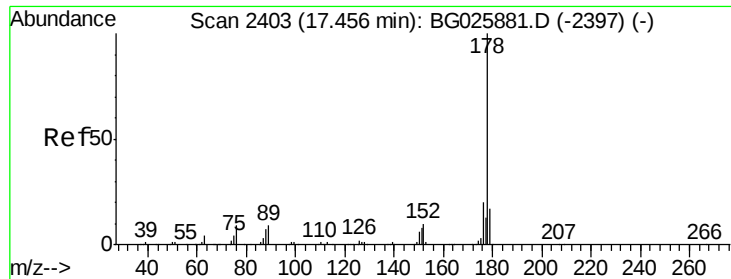
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BG025890.D
Acq On : 21 Feb 2017 2:00
Operator : SJ/MA
Sample : I1898-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABC0

Quant Time: Feb 21 02:55:08 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

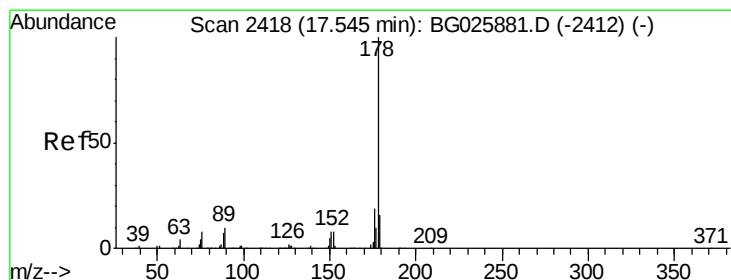
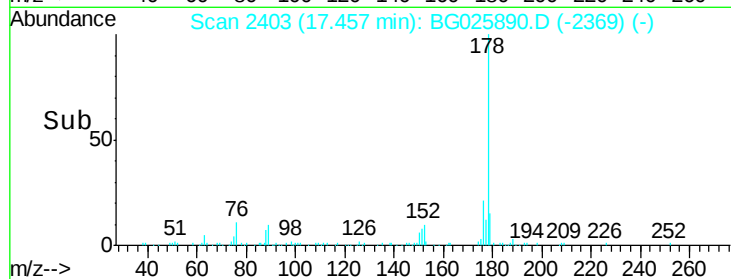
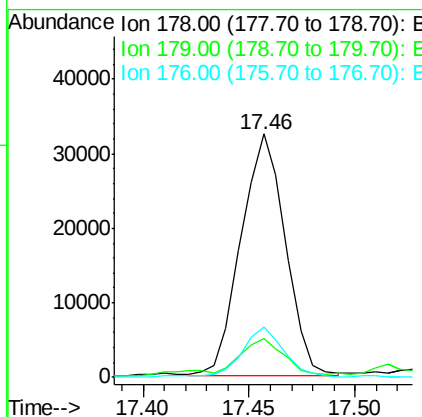
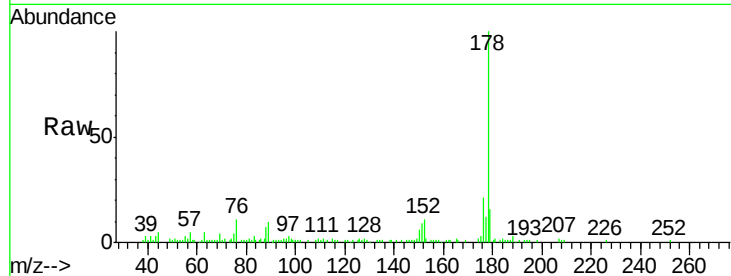




#13
Phenanthrene
Concen: 1.11 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG025890.D
Acq: 21 Feb 2017 2:00

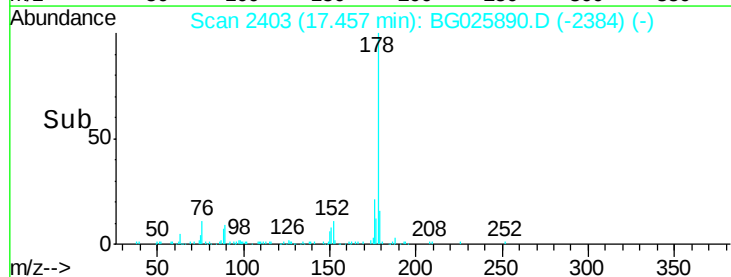
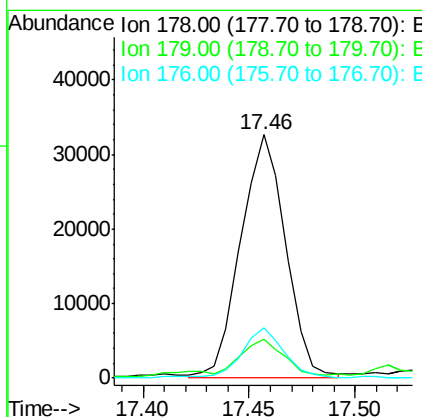
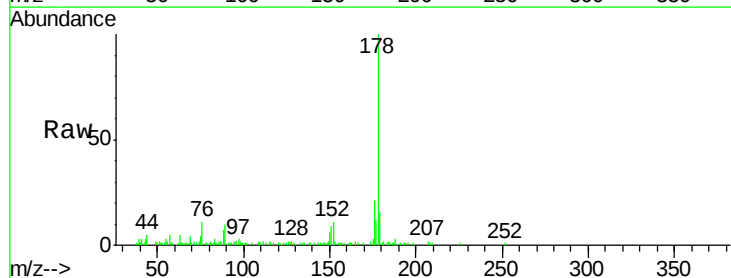
Instrument :
BNA_G
ClientSampleId :
DABC0

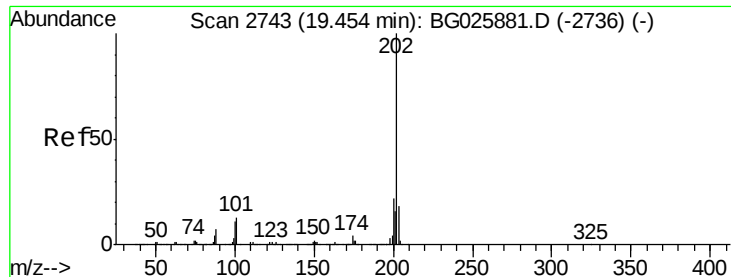
Tgt Ion:178 Resp: 47400
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.9 15.1 22.7



#15
Anthracene
Concen: 1.11 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.09 min
Lab File: BG025890.D
Acq: 21 Feb 2017 2:00

Tgt Ion:178 Resp: 47919
Ion Ratio Lower Upper
178 100
179 16.0 11.8 17.8
176 20.9 15.2 22.8





#16

Fluoranthene

Concen: 2.20 ng/ul

RT: 19.45 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG025890.D

Acq: 21 Feb 2017 2:00

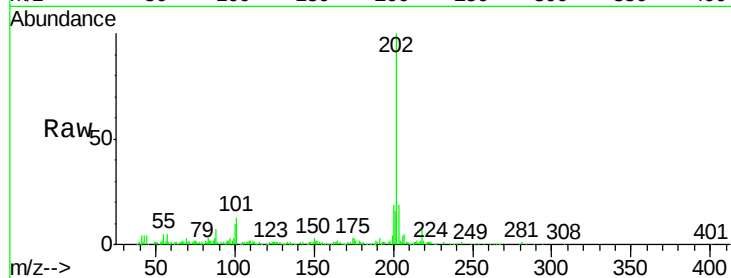
Instrument :

BNA_G

ClientSampleId :

DABC0

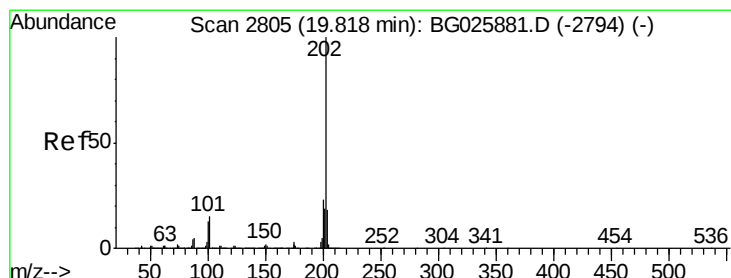
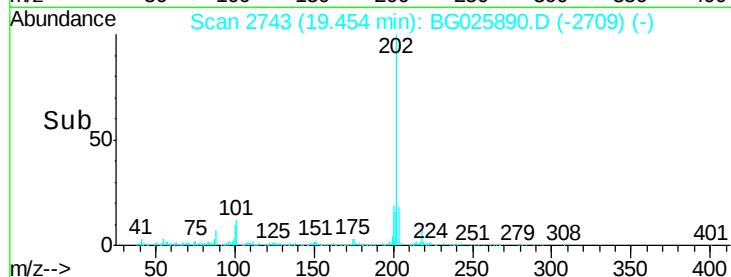
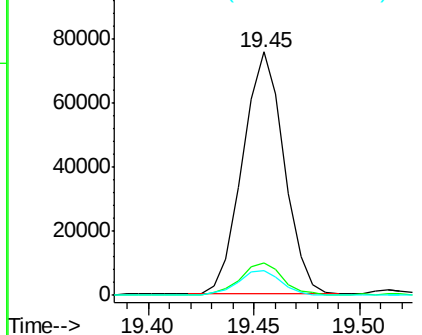
Tgt Ion:	202	Resp:	103100
Ion Ratio	Lower	Upper	
202	100		
101	13.2	9.9	14.9
100	10.3	7.4	11.0



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: 2.05 ng/ul

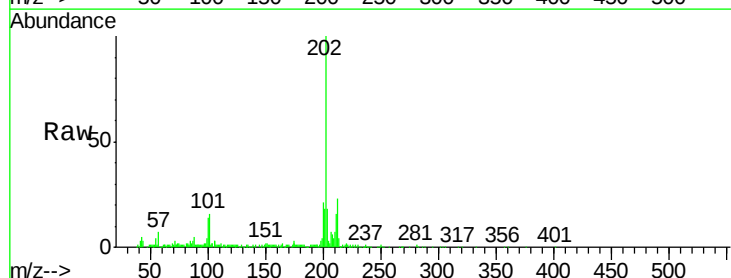
RT: 19.81 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG025890.D

Acq: 21 Feb 2017 2:00

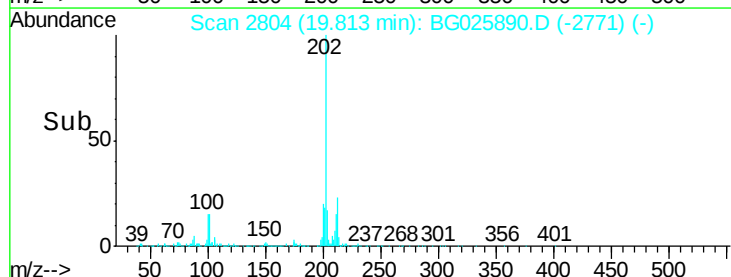
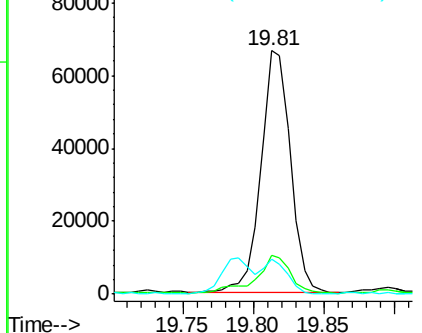
Tgt Ion:	202	Resp:	98015
Ion Ratio	Lower	Upper	
202	100		
101	15.8	11.0	16.4
100	14.4	8.1	12.1#

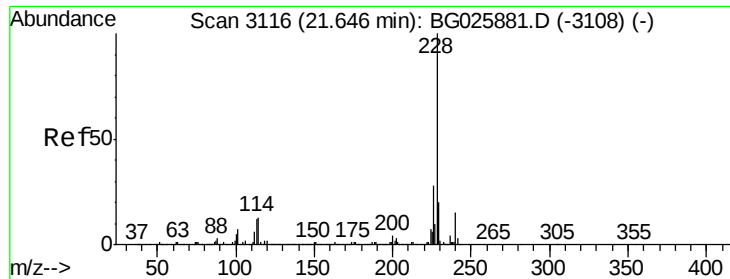


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.38 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG025890.D

Acq: 21 Feb 2017 2:00

Instrument :

BNA_G

ClientSampleId :

DABCO

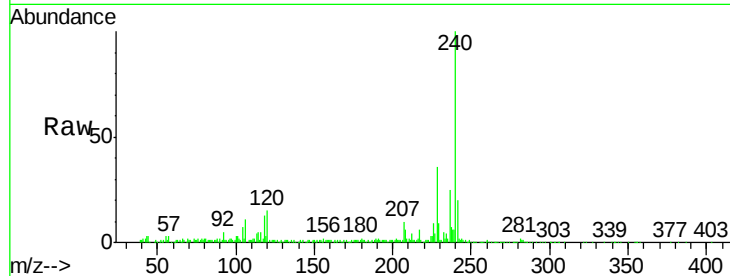
Tgt Ion:228 Resp: 61170

Ion Ratio Lower Upper

228 100

229 24.3 15.7 23.5#

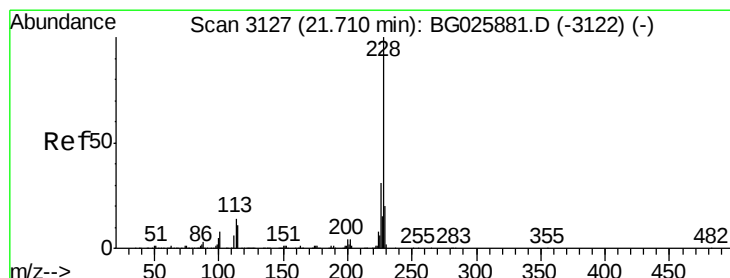
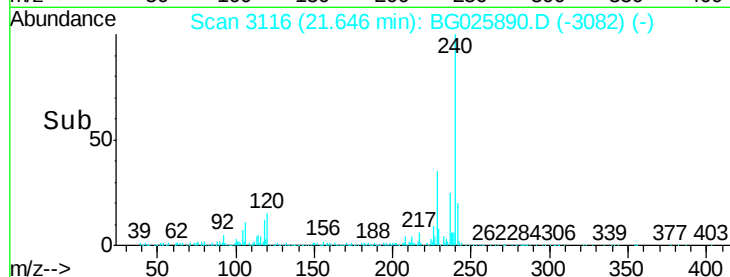
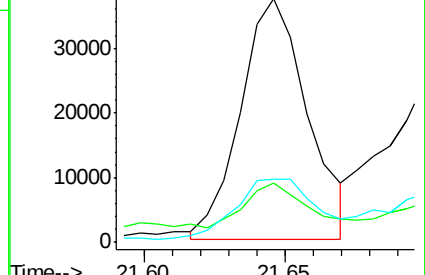
226 26.0 21.1 31.7



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: 1.72 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025890.D

Acq: 21 Feb 2017 2:00

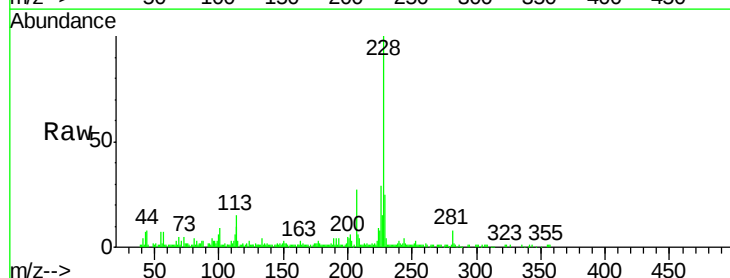
Tgt Ion:228 Resp: 72982

Ion Ratio Lower Upper

228 100

226 28.9 24.5 36.7

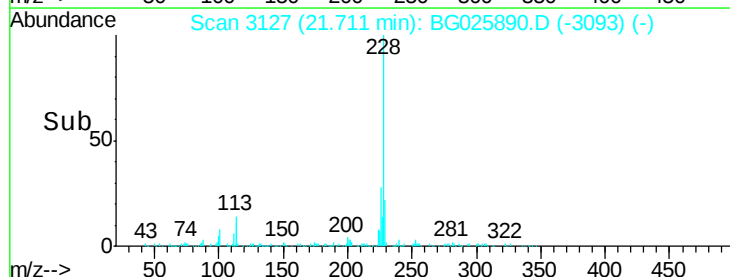
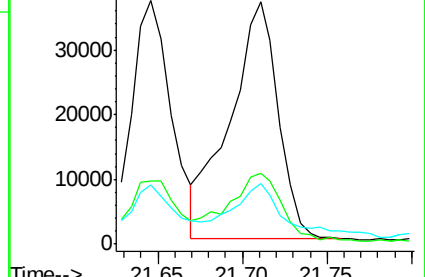
229 24.7 15.8 23.8#

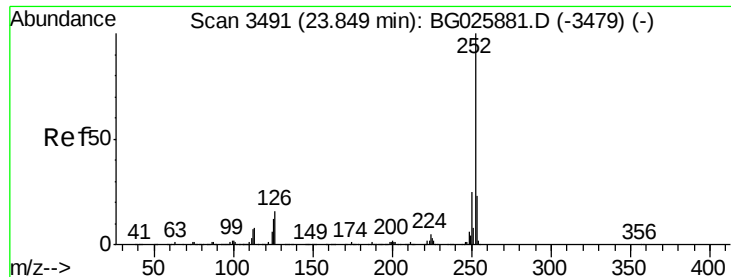


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

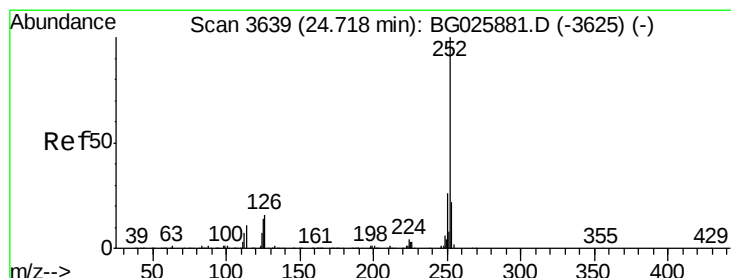
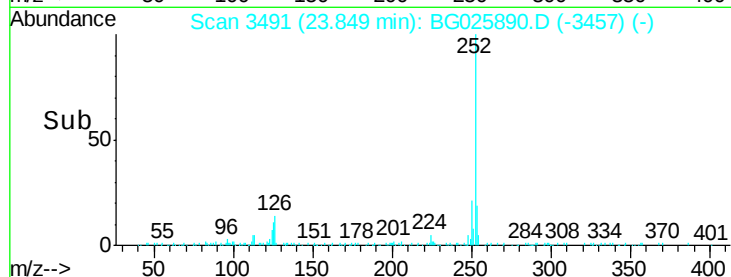
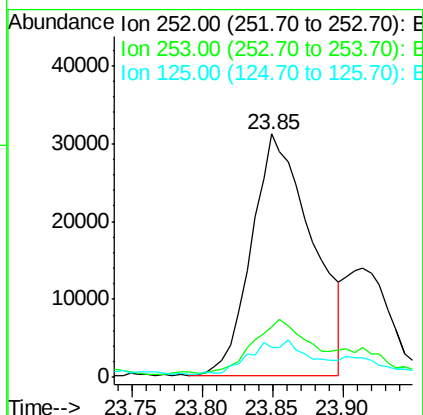
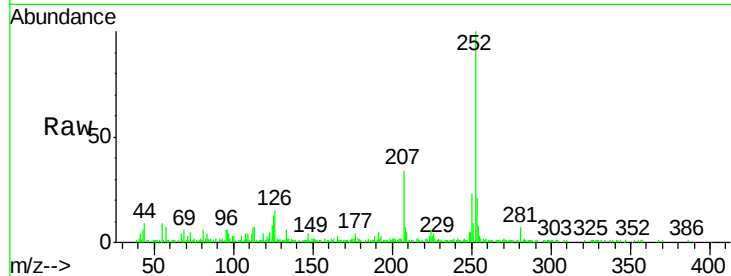




#23
Benzo(b)fluoranthene
Concen: 2.14 ng/ul
RT: 23.85 min Scan# 3491
Delta R.T. 0.00 min
Lab File: BG025890.D
Acq: 21 Feb 2017 2:00

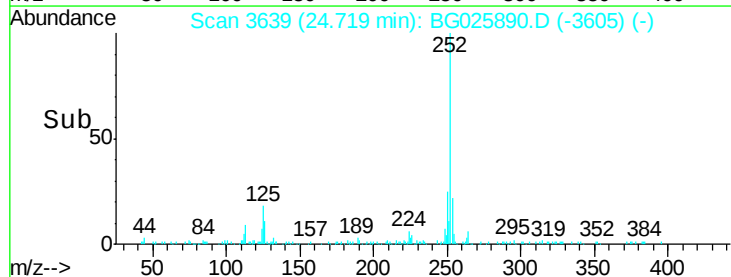
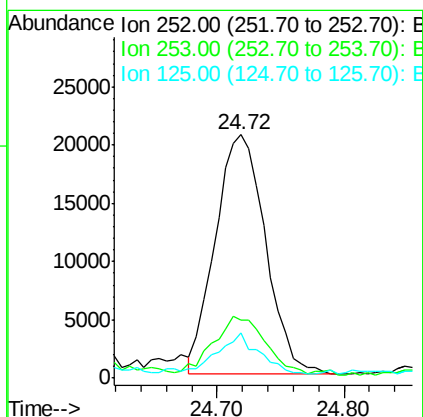
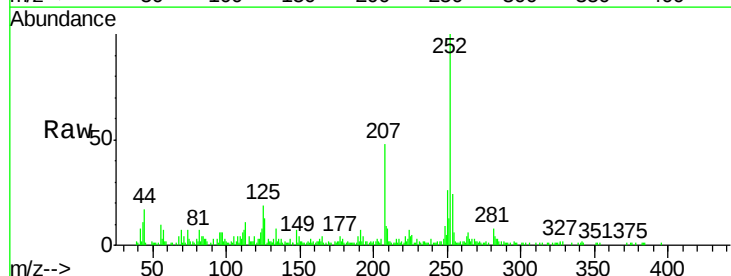
Instrument :
BNA_G
ClientSampleId :
DABC0

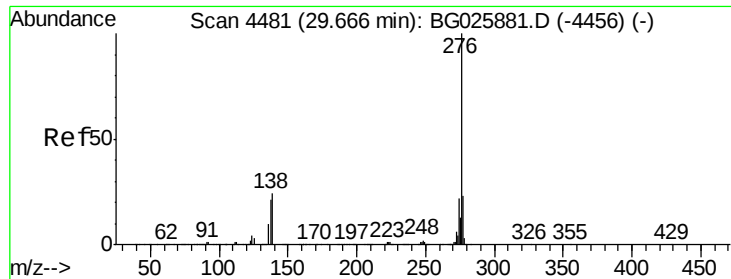
Tgt Ion:252 Resp: 92716
Ion Ratio Lower Upper
252 100
253 20.8 18.0 27.0
125 12.5 8.0 12.0#



#26
Benzo(a)pyrene
Concen: 1.35 ng/ul
RT: 24.72 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025890.D
Acq: 21 Feb 2017 2:00

Tgt Ion:252 Resp: 56560
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 18.6 8.2 12.4#





#29

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 29.65 min Scan# 4478

Delta R.T. -0.02 min

Lab File: BG025890.D

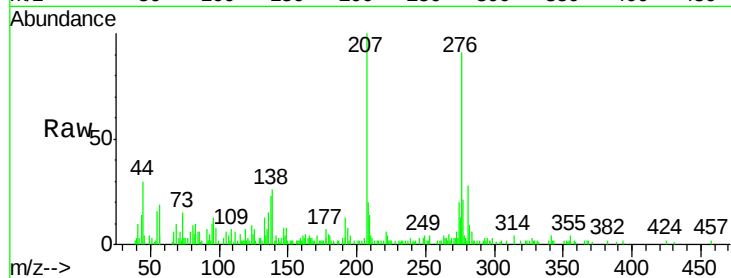
Acq: 21 Feb 2017 2:00

Instrument :

BNA_G

ClientSampleId :

DABCO



Tgt Ion:	276	Resp:	43793
Ion	Ratio	Lower	Upper
276	100		
138	28.5	15.3	22.9#
277	23.7	19.0	28.4

