

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 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 02:58:12 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

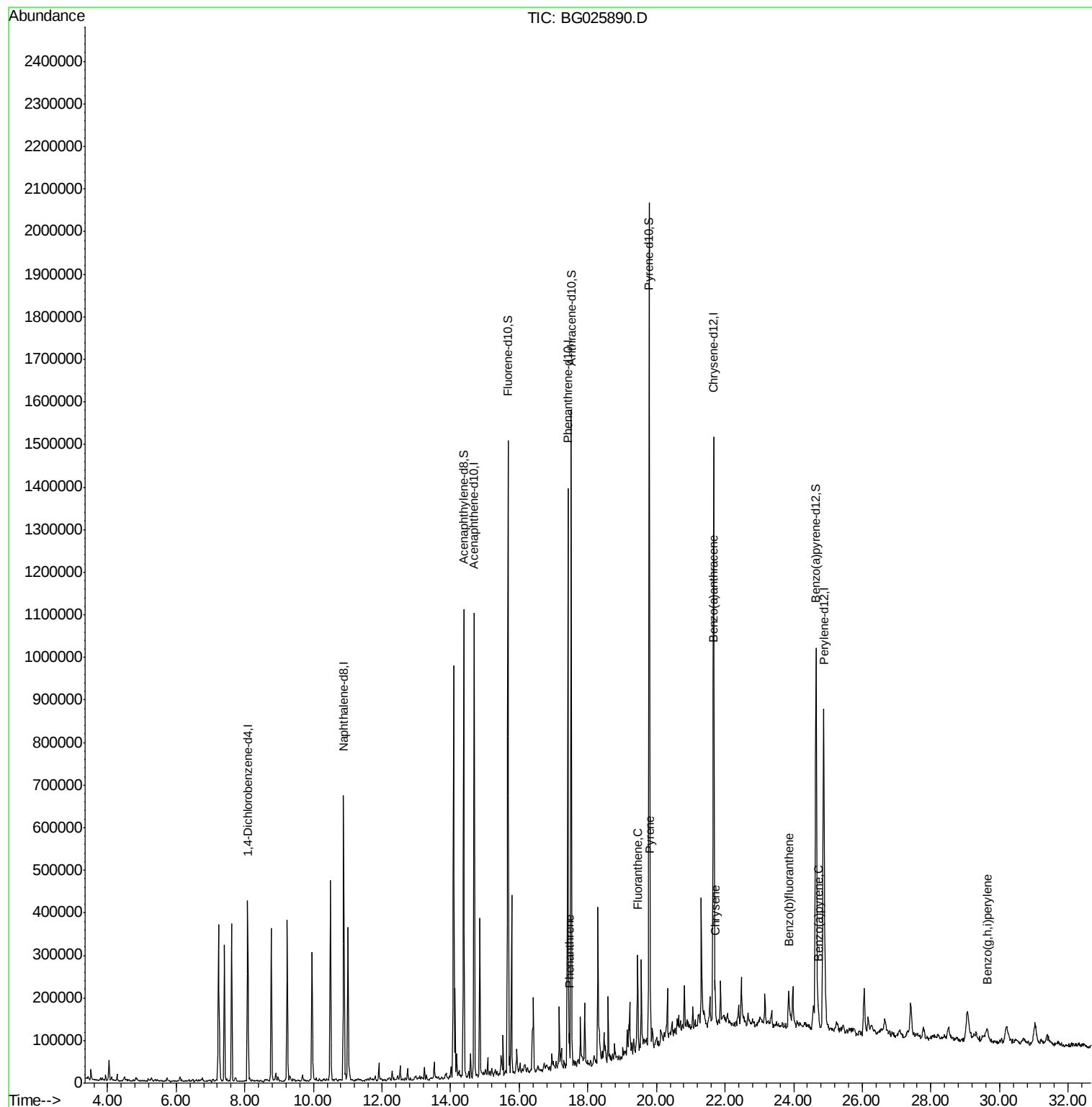
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.46	178	47400	1.11	ng/ul	97
16) Fluoranthene	19.45	202	103100	2.20	ng/ul	98
19) Pyrene	19.81	202	98015	2.05	ng/ul#	92
20) Benzo(a)anthracene	21.65	228	61170	1.38	ng/ul#	95
21) Chrysene	21.71	228	72982	1.72	ng/ul#	94
23) Benzo(b)fluoranthene	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

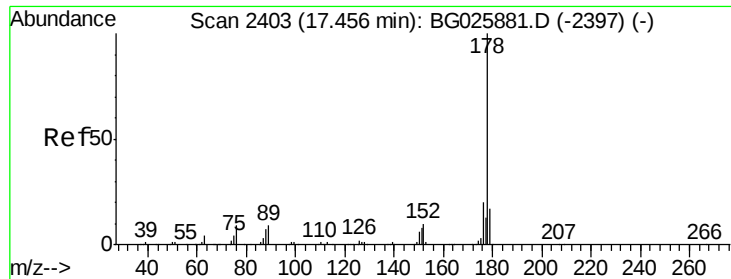
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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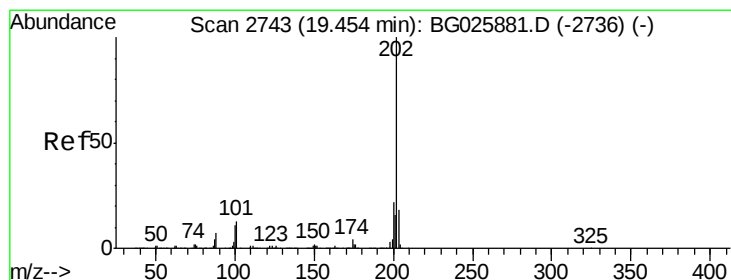
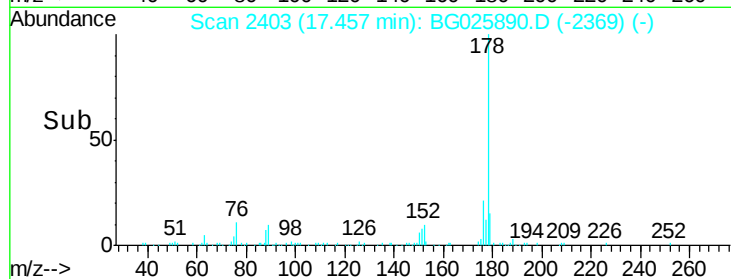
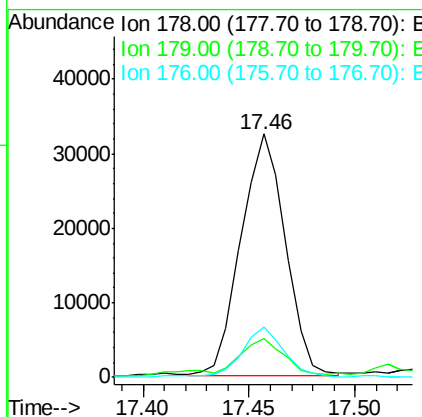
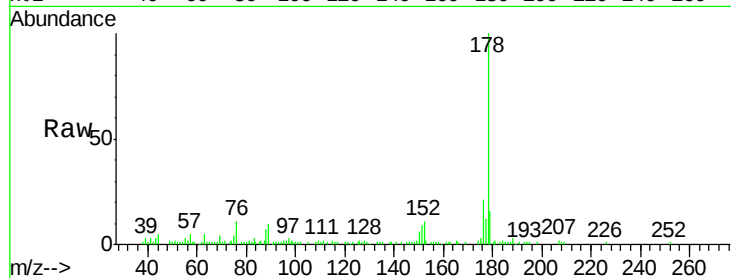




#13
Phenanthrene
Concen: 1.11 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG025890.D
Acq: 21 Feb 2017 2:00

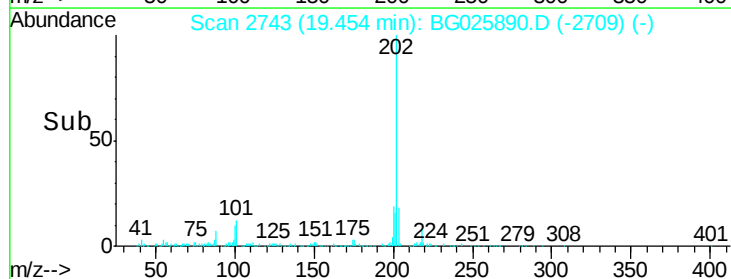
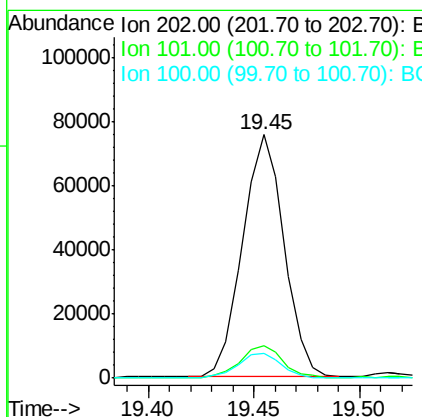
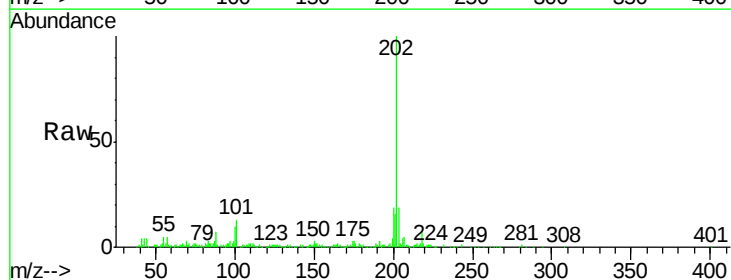
Instrument :
BNA_G
ClientSampleId :
DABC0

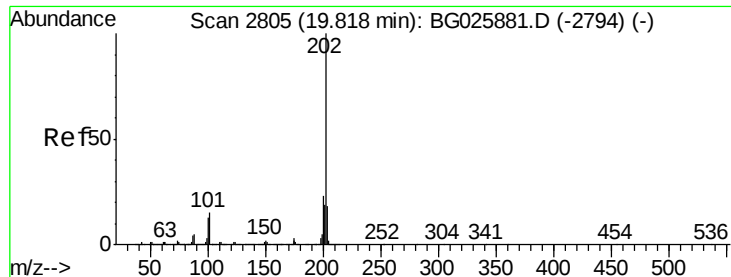
Tgt Ion:178 Resp: 47400
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 20.9 15.1 22.7



#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

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





#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

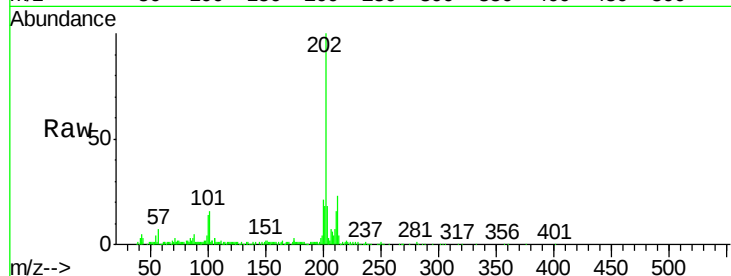
Instrument :

BNA_G

ClientSampleId :

DABC0

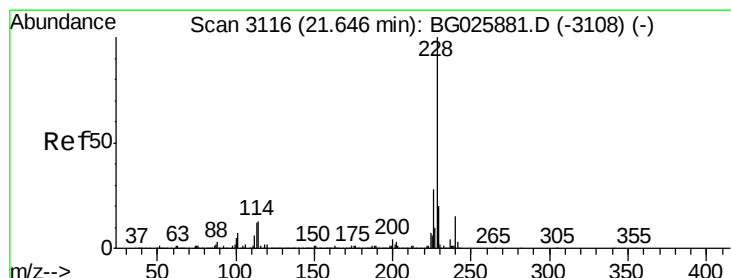
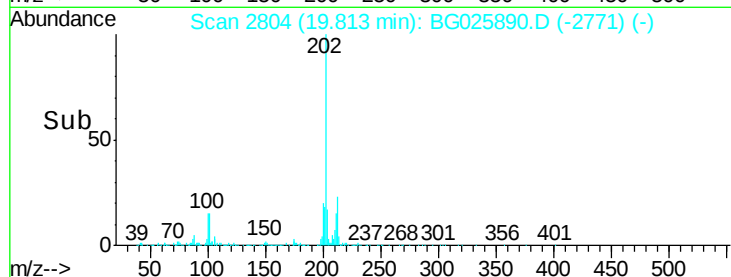
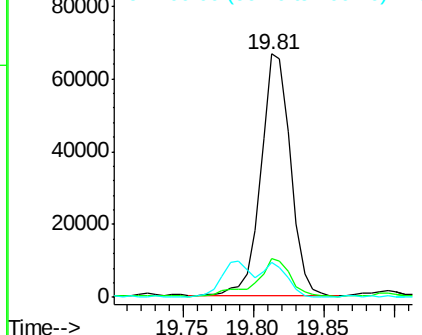
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.0	16.4
100	14.4	8.1	12.1



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

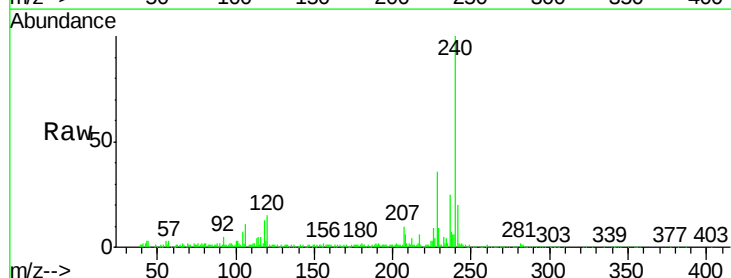
RT: 21.65 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG025890.D

Acq: 21 Feb 2017 2:00

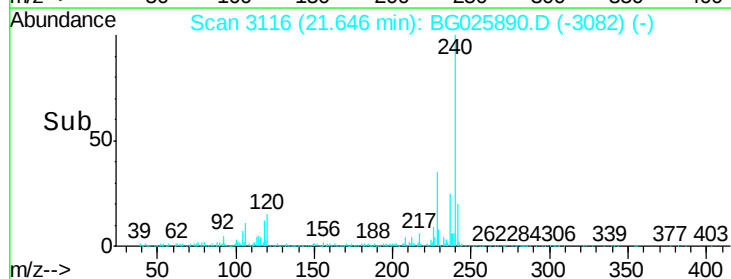
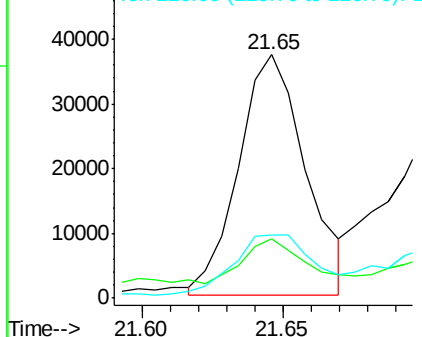
Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.7	23.5
226	26.0	21.1	31.7

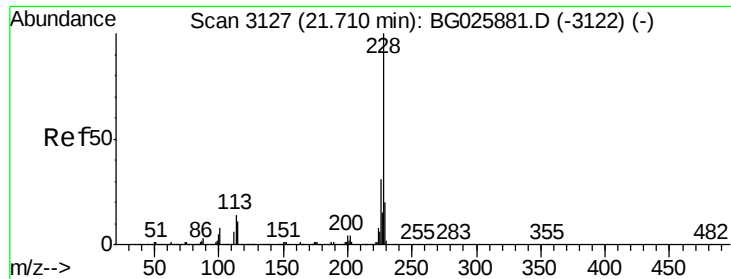


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_G

ClientSampleId :

DABC0

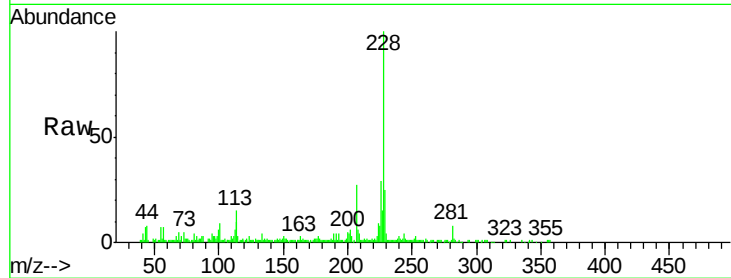
Tgt Ion:228 Resp: 72982

Ion Ratio Lower Upper

228 100

226 28.9 24.5 36.7

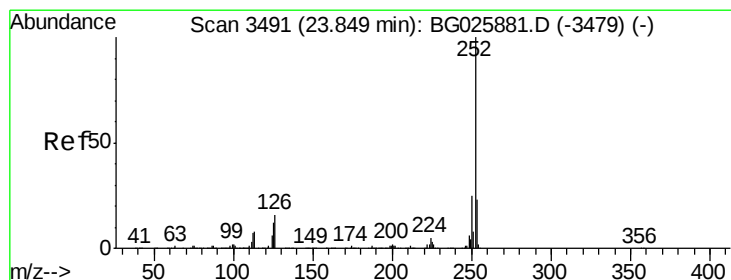
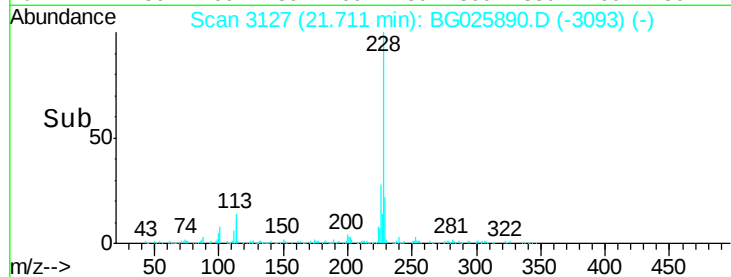
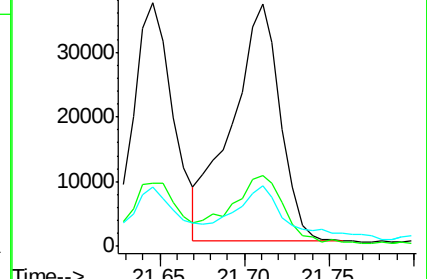
229 24.7 15.8 23.8#



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

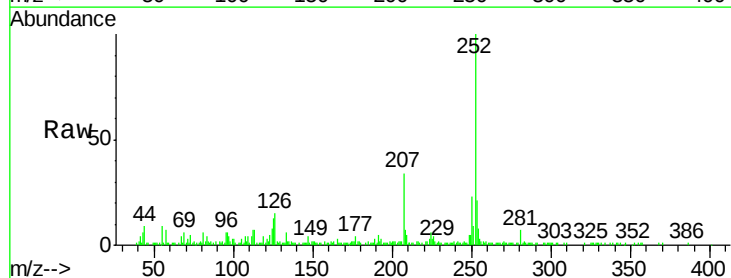
Tgt Ion:252 Resp: 92716

Ion Ratio Lower Upper

252 100

253 20.8 18.0 27.0

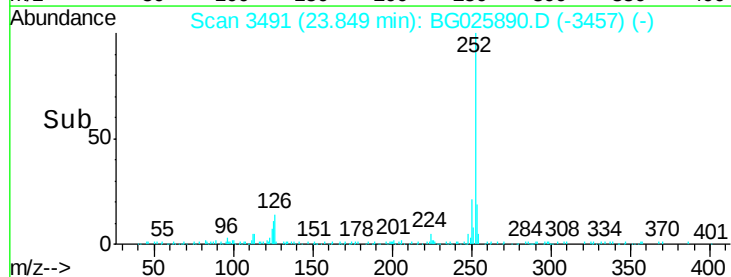
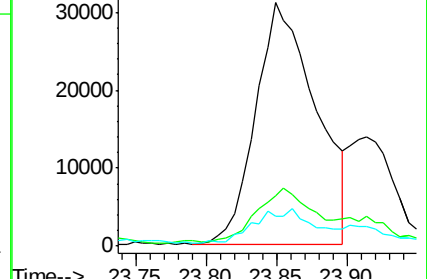
125 12.5 8.0 12.0#

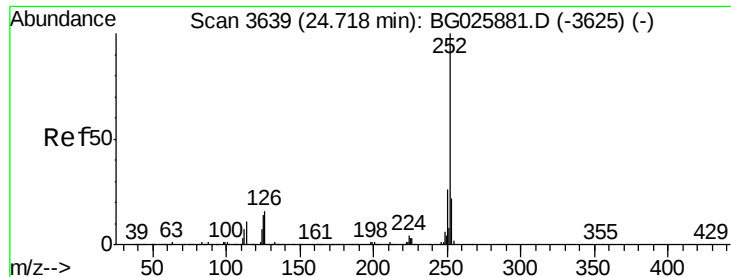


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

DABC0

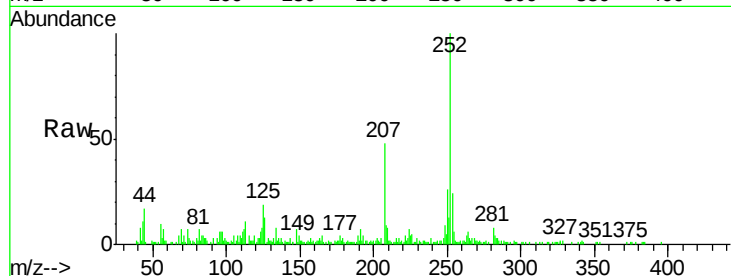
Tgt Ion:252 Resp: 56560

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

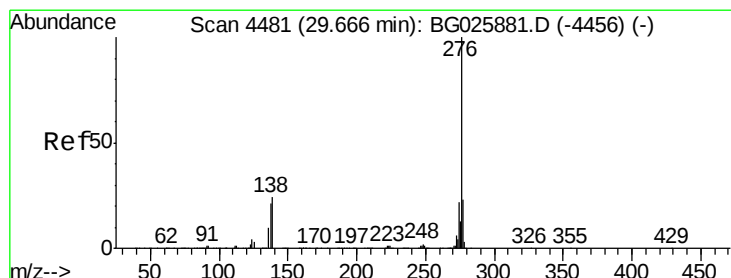
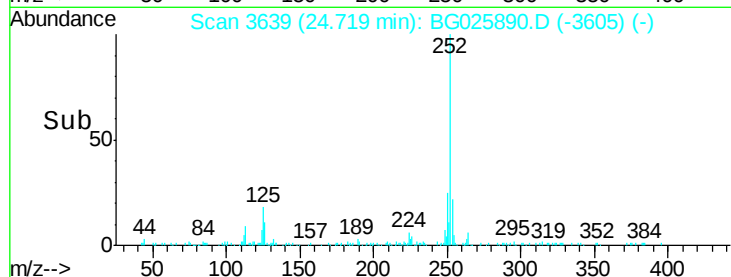
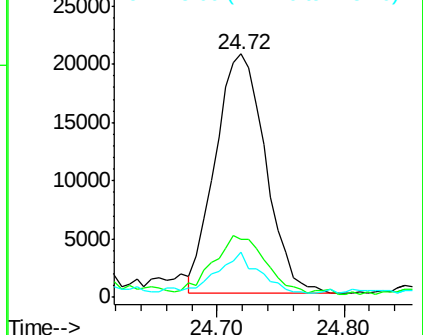
125 18.6 8.2 12.4#



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



#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

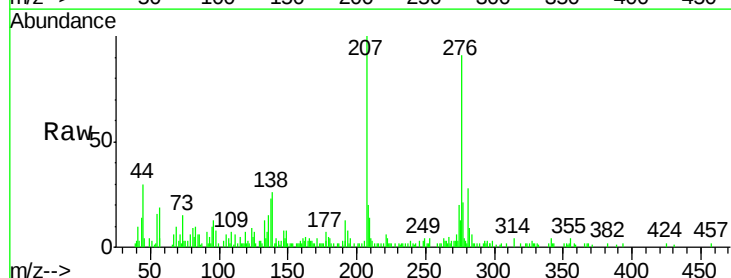
Tgt Ion:276 Resp: 43793

Ion Ratio Lower Upper

276 100

138 28.5 15.3 22.9#

277 23.7 19.0 28.4



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

