

Data File : BG025888.D
Acq On : 21 Feb 2017 00:41
Operator : SJ/MA
Sample : I1898-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB6

Quant Time: Feb 21 02:29:14 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	126961	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	624192	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	394331	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	844285	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	818069	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	784094	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	876324	26.84	ng/ul	0.00
10) Fluorene-d10	15.67	176	638741	25.47	ng/ul	0.00
14) Anthracene-d10	17.51	188	914587	23.96	ng/ul	0.00
18) Pyrene-d10	19.79	212	927802	23.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	844022	24.32	ng/ul	0.00

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	130722	2.90	ng/ul	99
16) Fluoranthene	19.46	202	282964	5.72	ng/ul	98
19) Pyrene	19.81	202	226646	4.58	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	138504	3.01	ng/ul	95
21) Chrysene	21.71	228	134035	3.05	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	194996	4.30	ng/ul#	97
24) Benzo(k)fluoranthene	23.92	252	67738	1.55	ng/ul#	96
26) Benzo(a)pyrene	24.72	252	125564	2.86	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	28.51	276	98830	1.92	ng/ul#	93
29) Benzo(g,h,i)perylene	29.66	276	88534	2.09	ng/ul	98

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

Data File : BG025888.D

Acq On : 21 Feb 2017 00:41

Operator : SJ/MA

Sample : I1898-13

Misc :

ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DABB6

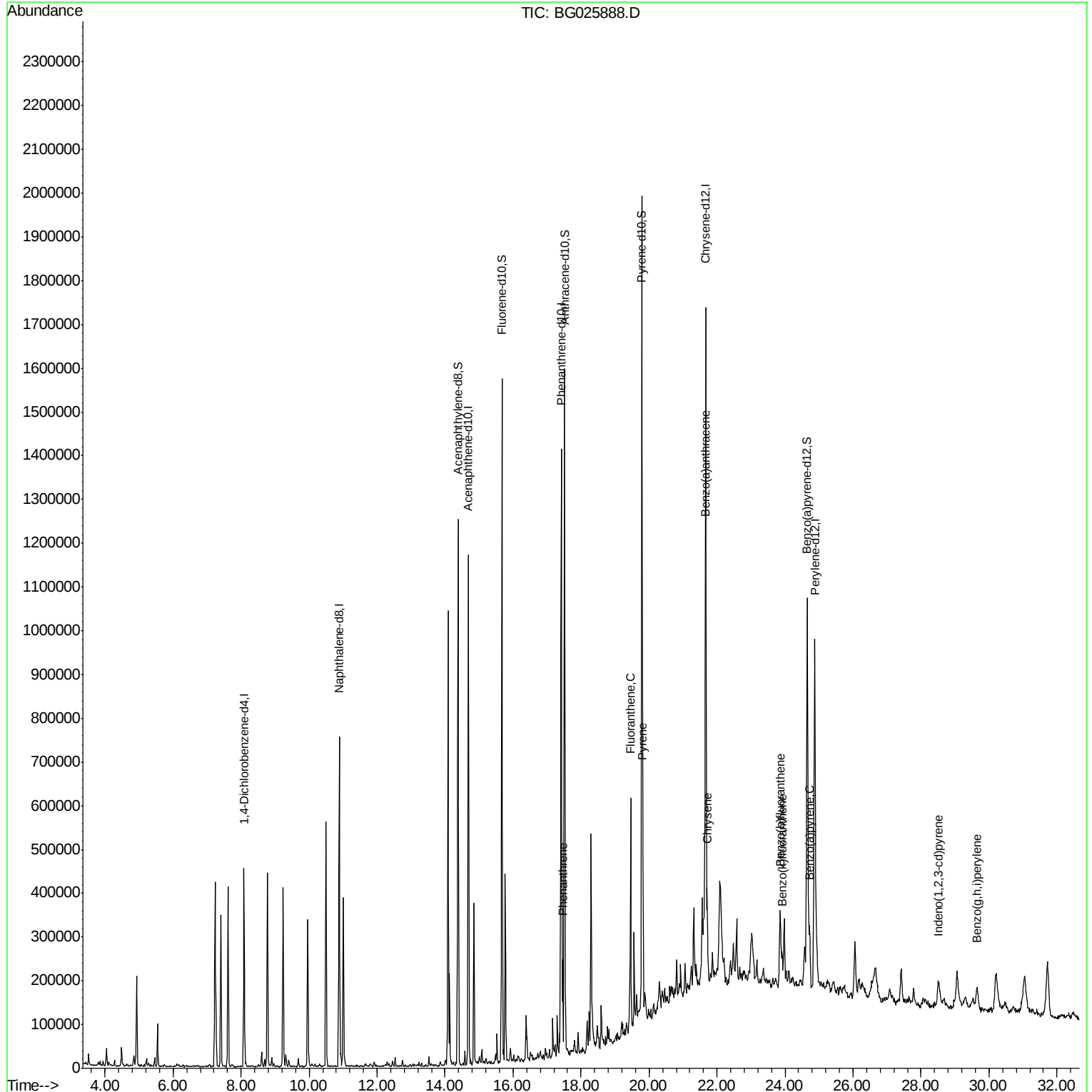
Quant Time: Feb 21 02:29:14 2017

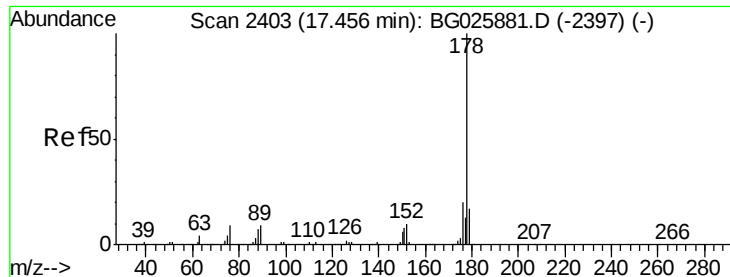
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 21 02:22:54 2017

Response via : Initial Calibration

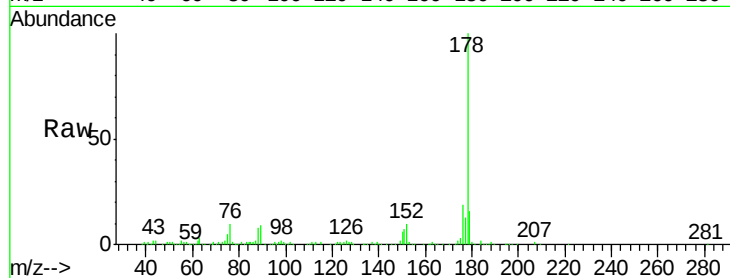




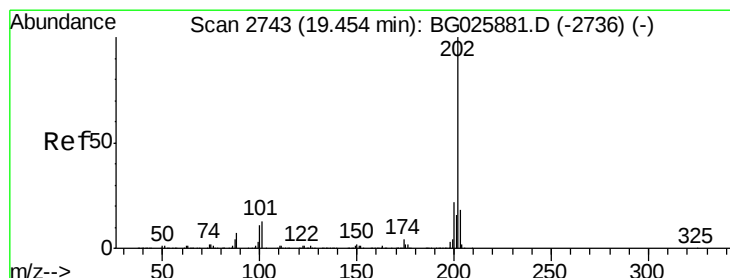
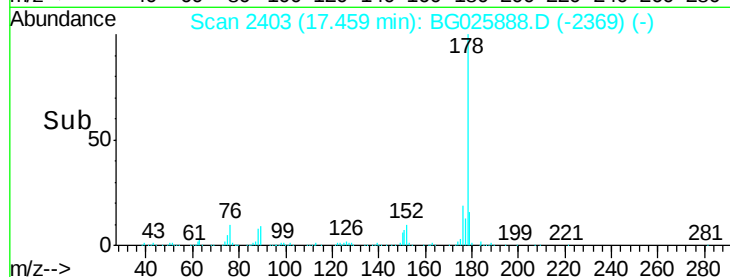
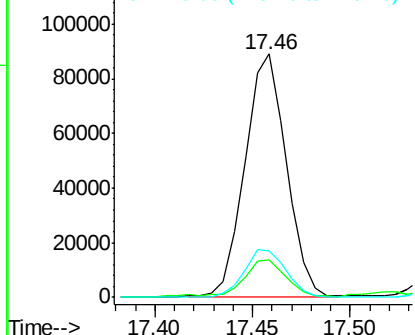
#13
Phenanthrene
Concen: 2.90 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BG025888.D
Acq: 21 Feb 2017 00:41

Instrument :
BNA_G
ClientSampleId :
DABB6

Tgt Ion:178 Resp: 130722
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.1 22.7

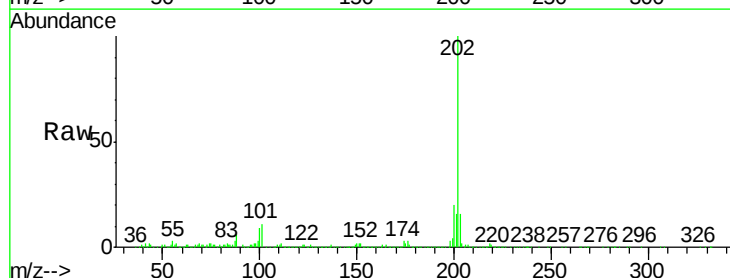


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

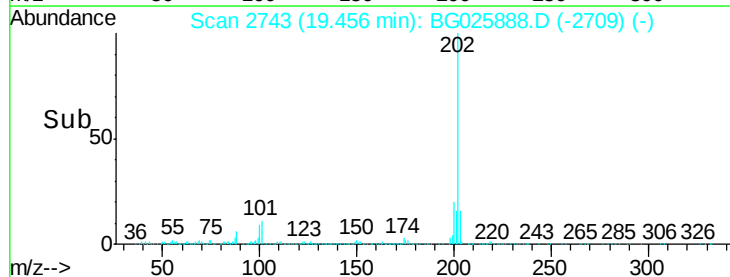
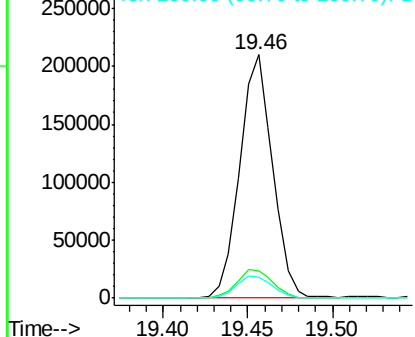


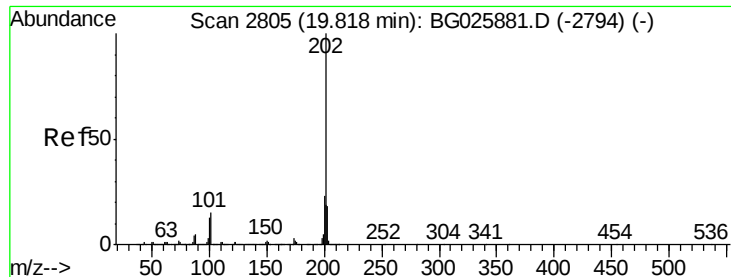
#16
Fluoranthene
Concen: 5.72 ng/ul
RT: 19.46 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BG025888.D
Acq: 21 Feb 2017 00:41

Tgt Ion:202 Resp: 282964
Ion Ratio Lower Upper
202 100
101 11.3 9.9 14.9
100 8.8 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: 4.58 ng/ul

RT: 19.81 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

DABB6

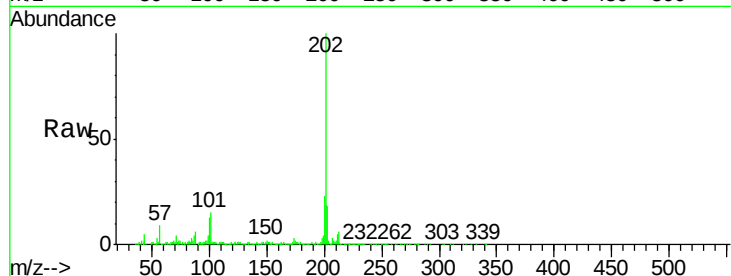
Tgt Ion:202 Resp: 226646

Ion Ratio Lower Upper

202 100

101 14.7 11.0 16.4

100 13.1 8.1 12.1#

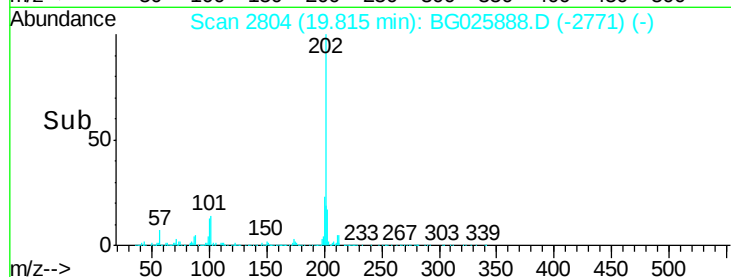


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

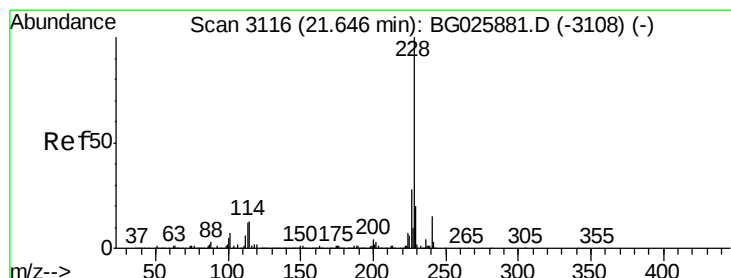
Ion 100.00 (99.70 to 100.70): E

Time-->



Abundance

Time-->



#20

Benzo(a)anthracene

Concen: 3.01 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

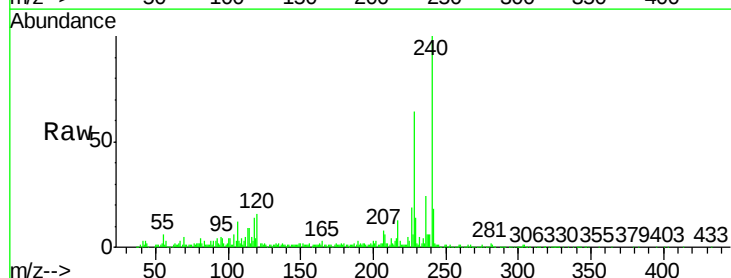
Tgt Ion:228 Resp: 138504

Ion Ratio Lower Upper

228 100

229 21.9 15.7 23.5

226 29.3 21.1 31.7

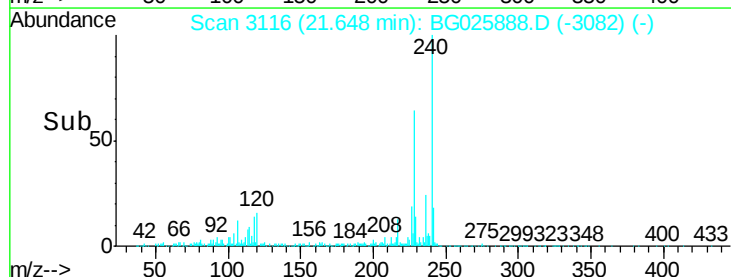


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

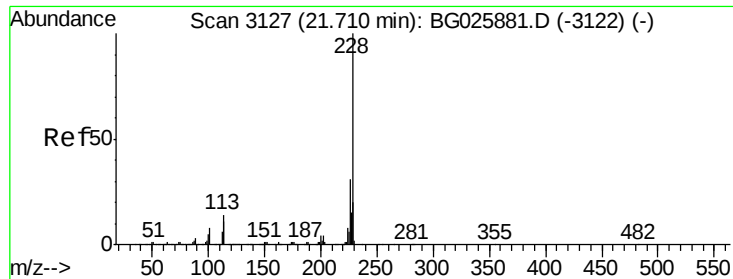
Ion 226.00 (225.70 to 226.70): E

Time-->



Abundance

Time-->



#21

Chrysene

Concen: 3.05 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

DABB6

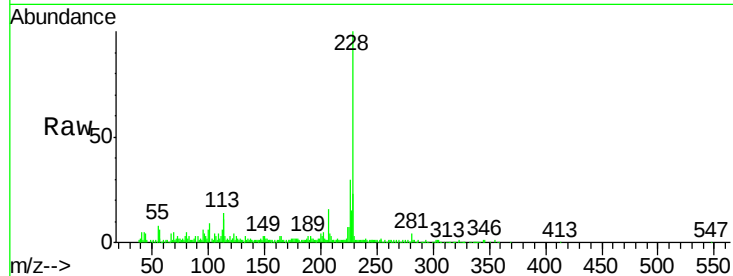
Tgt Ion:228 Resp: 134035

Ion Ratio Lower Upper

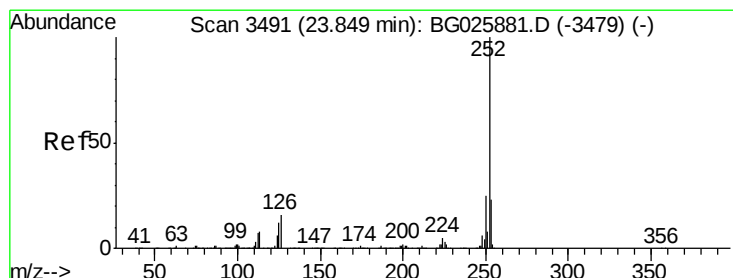
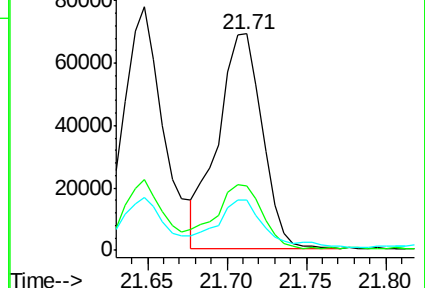
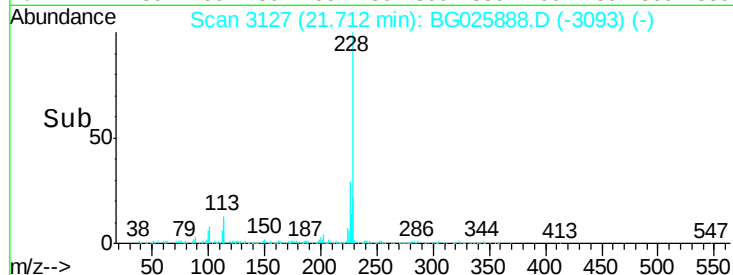
228 100

226 29.8 24.5 36.7

229 23.2 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: 4.30 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

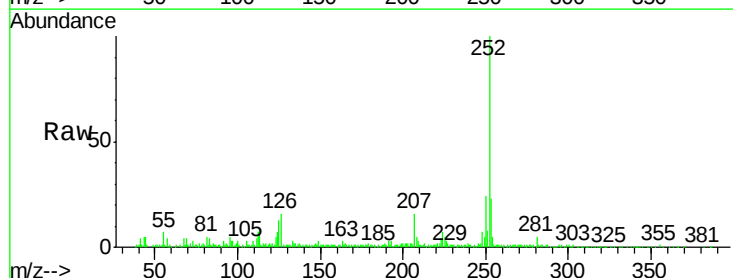
Tgt Ion:252 Resp: 194996

Ion Ratio Lower Upper

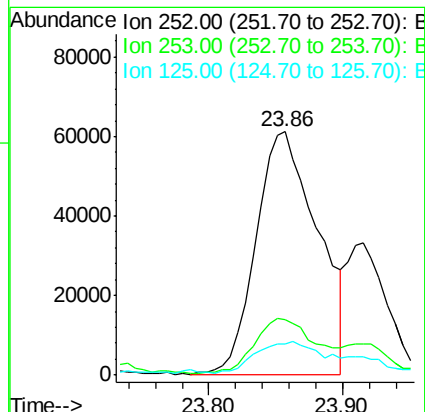
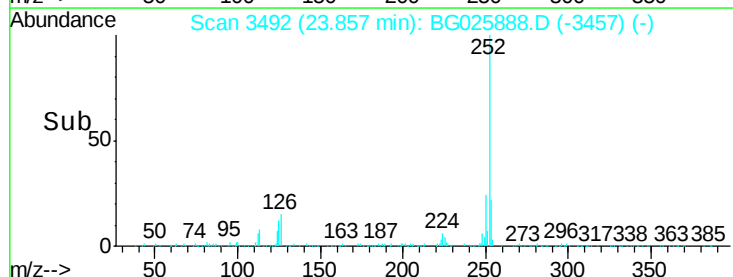
252 100

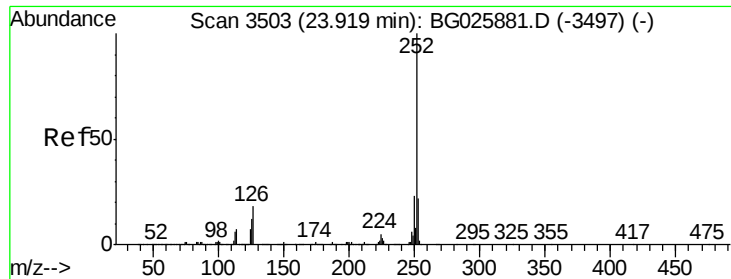
253 22.9 18.0 27.0

125 12.8 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: 1.55 ng/ul

RT: 23.92 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

DABB6

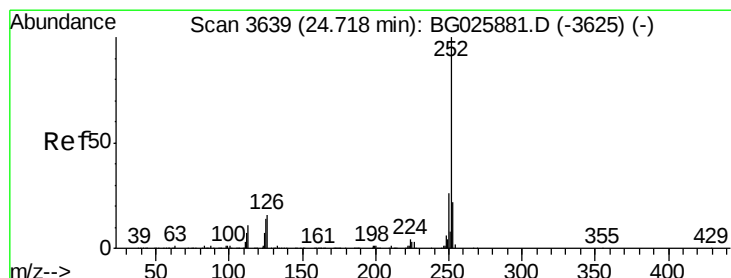
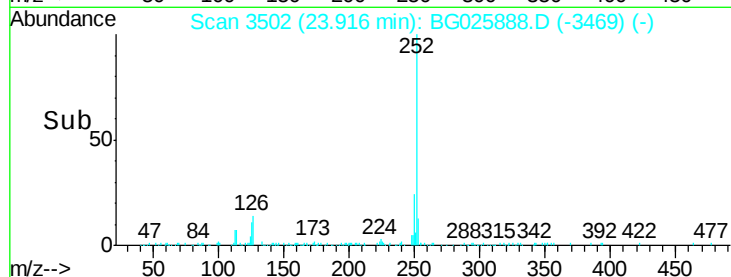
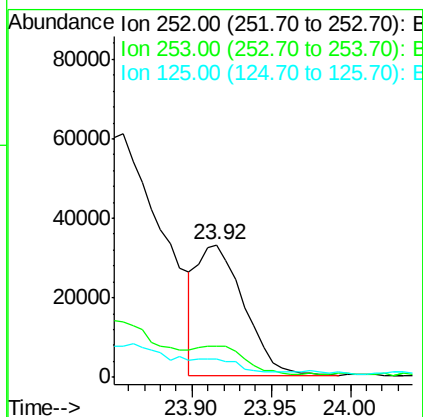
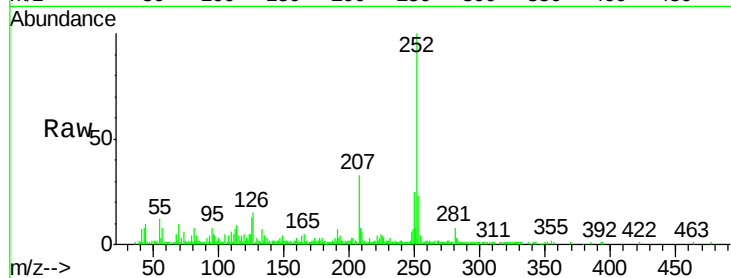
Tgt Ion:252 Resp: 67738

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 13.5 8.1 12.1#



#26

Benzo(a)pyrene

Concen: 2.86 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. 0.00 min

Lab File: BG025888.D

Acq: 21 Feb 2017 00:41

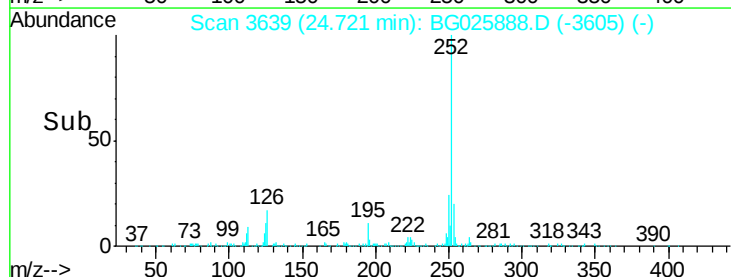
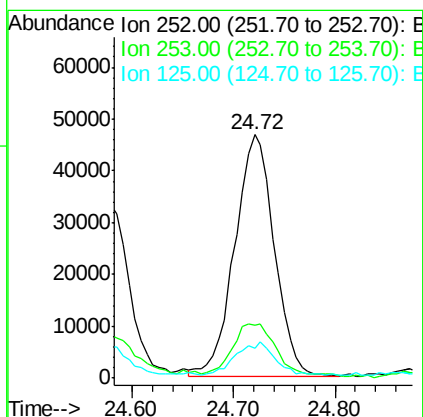
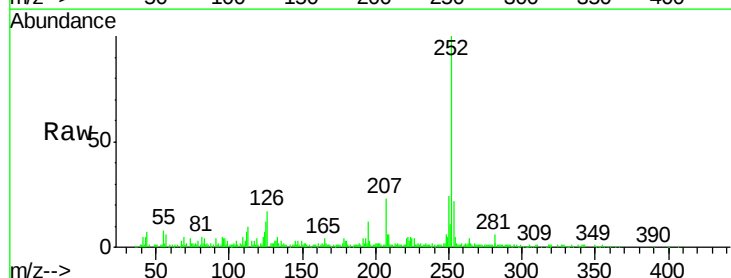
Tgt Ion:252 Resp: 125564

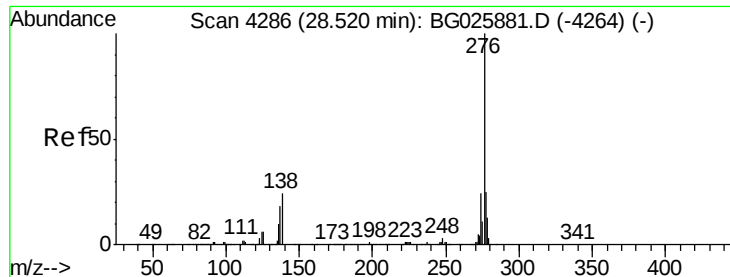
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 12.1 8.2 12.4

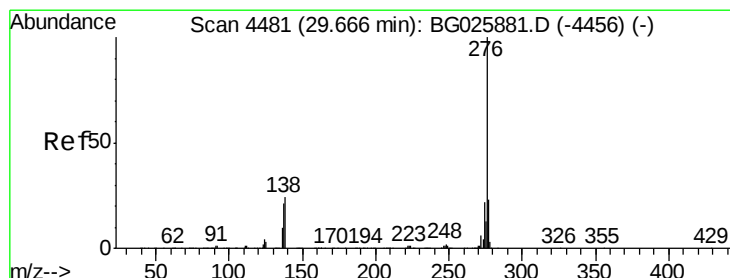
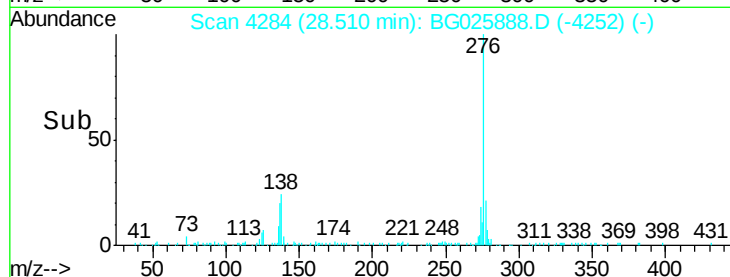
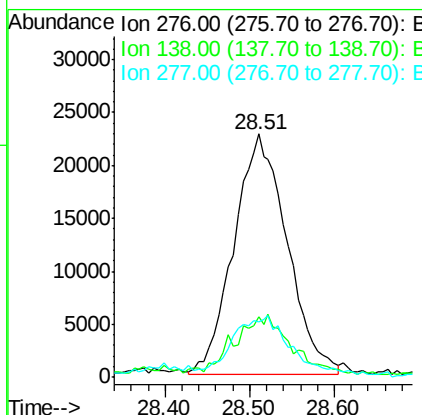
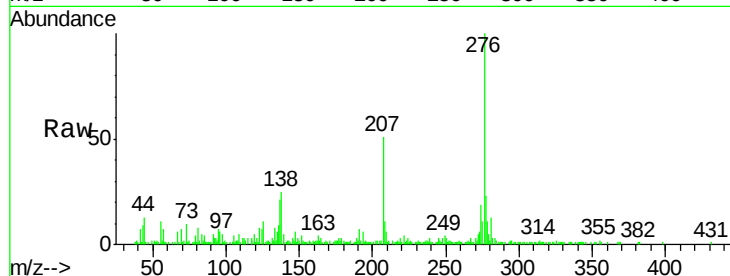




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.92 ng/ul
 RT: 28.51 min Scan# 4284
 Delta R.T. -0.01 min
 Lab File: BG025888.D
 Acq: 21 Feb 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :
 DABB6

Tgt Ion:276 Resp: 98830
 Ion Ratio Lower Upper
 276 100
 138 25.0 14.4 21.6#
 277 22.6 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.09 ng/ul
 RT: 29.66 min Scan# 4479
 Delta R.T. -0.01 min
 Lab File: BG025888.D
 Acq: 21 Feb 2017 00:41

Tgt Ion:276 Resp: 88534
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.3 22.9
 277 21.5 19.0 28.4

