

Data File : BG025884.D
Acq On : 20 Feb 2017 22:04
Operator : SJ/MA
Sample : I1898-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB0

Quant Time: Feb 21 02:28:26 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	8.08	152	98902	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	480745	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	306465	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	722426	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	705703	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	679899	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	504901	19.89	ng/ul	0.00
10) Fluorene-d10	15.67	176	394707	20.25	ng/ul	0.00
14) Anthracene-d10	17.51	188	603271	18.47	ng/ul	0.00
18) Pyrene-d10	19.79	212	629718	18.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	561862	18.67	ng/ul	0.00

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	82880	2.15	ng/ul	98
15) Anthracene	17.46	178	82731	2.11	ng/ul	98
16) Fluoranthene	19.45	202	197083	4.65	ng/ul	99
19) Pyrene	19.81	202	157693	3.69	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	105489	2.66	ng/ul	94
21) Chrysene	21.65	228	103837	2.74	ng/ul	97
23) Benzo(b)fluoranthene	23.85	252	151703	3.86	ng/ul#	97
24) Benzo(k)fluoranthene	23.85	252	151703	4.00	ng/ul	97
26) Benzo(a)pyrene	24.72	252	93326	2.45	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	28.50	276	54795	1.23	ng/ul#	91
29) Benzo(g,h,i)perylene	29.64	276	70449	1.92	ng/ul#	89

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

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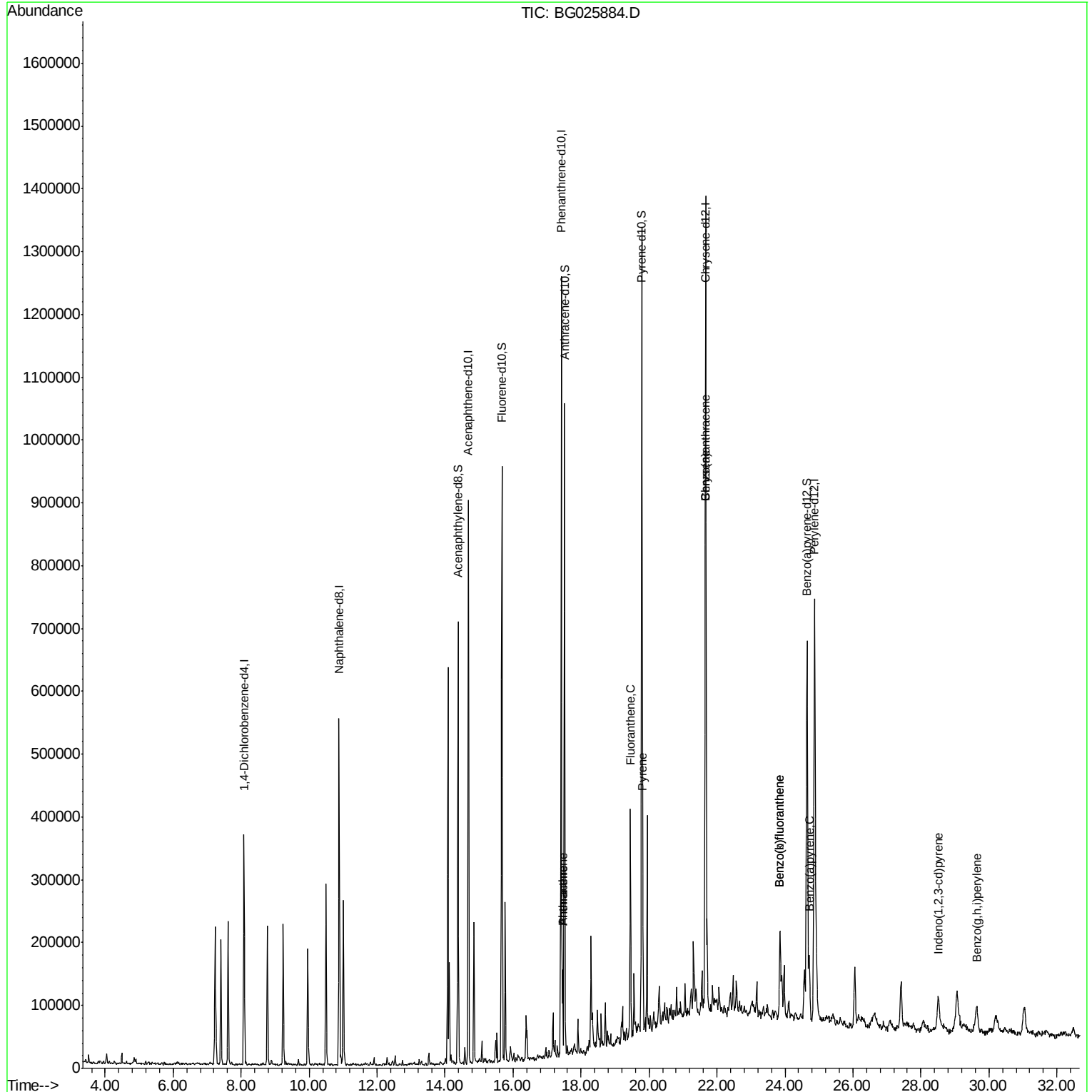
Quant Time: Feb 21 02:28:26 2017

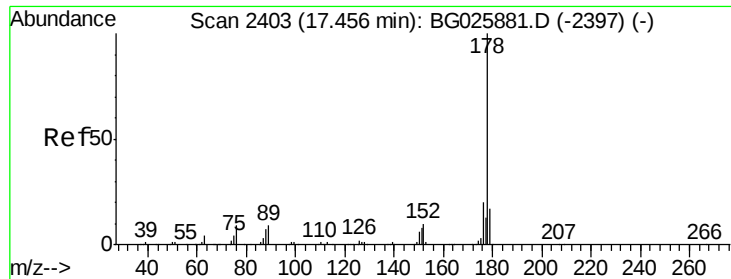
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

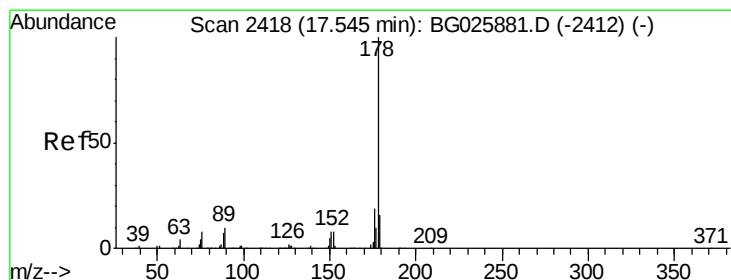
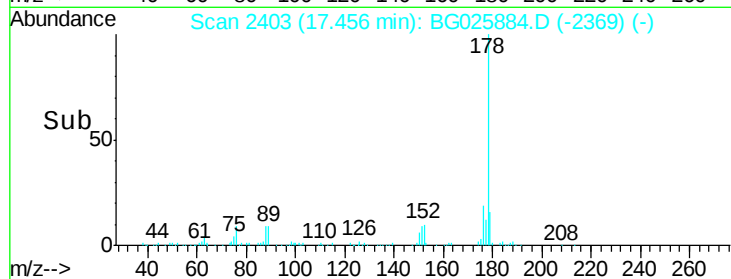
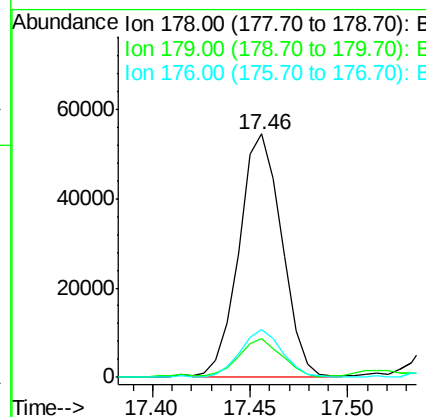
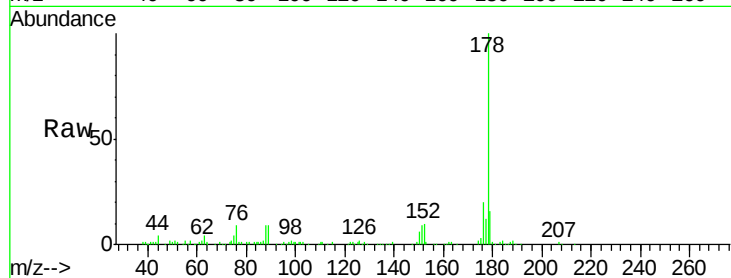




#13
Phenanthrene
Concen: 2.15 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

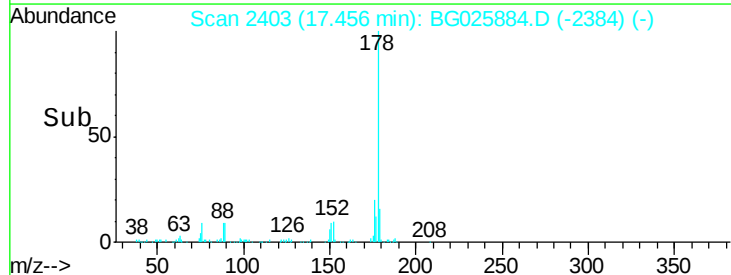
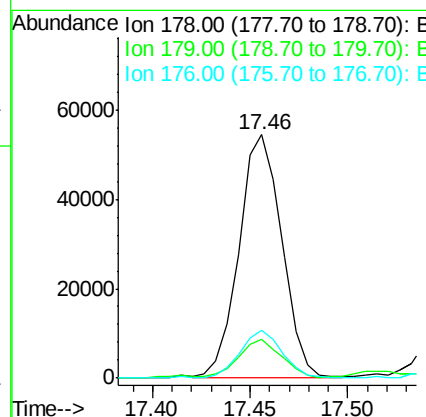
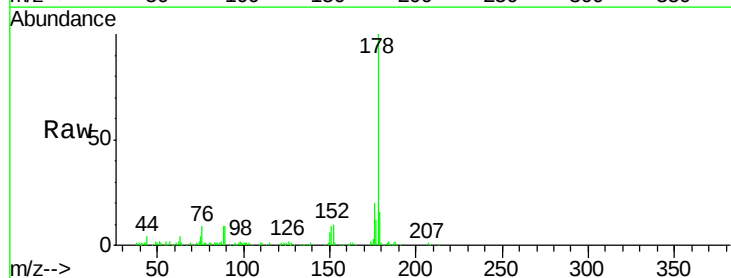
Instrument :
BNA_G
ClientSampleId :
DABB0

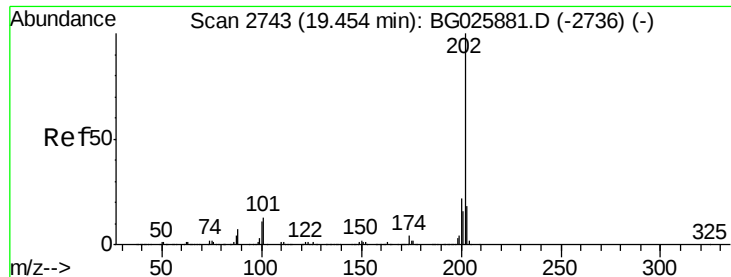
Tgt Ion:178 Resp: 82880
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.8 15.1 22.7



#15
Anthracene
Concen: 2.11 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.09 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Tgt Ion:178 Resp: 82731
Ion Ratio Lower Upper
178 100
179 15.9 11.8 17.8
176 19.8 15.2 22.8

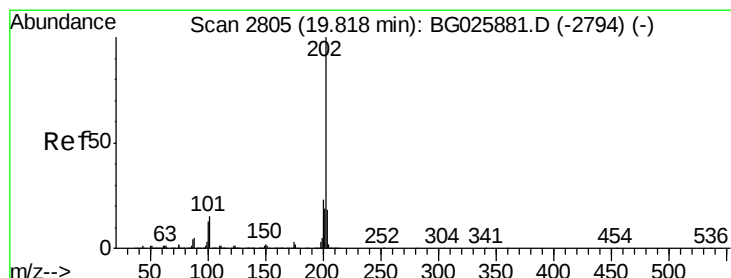
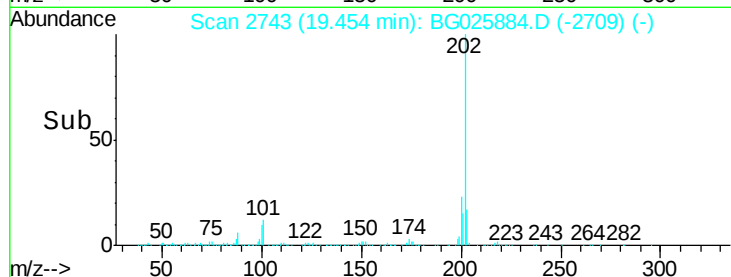
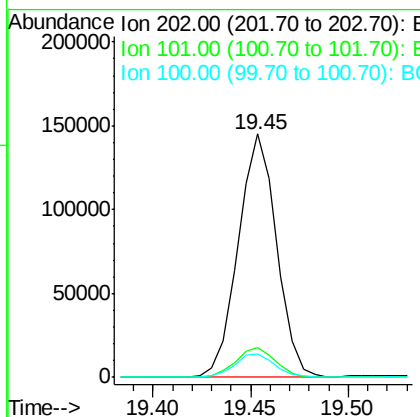
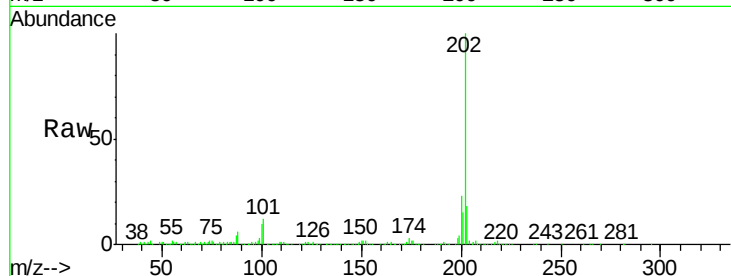




#16
Fluoranthene
Concen: 4.65 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

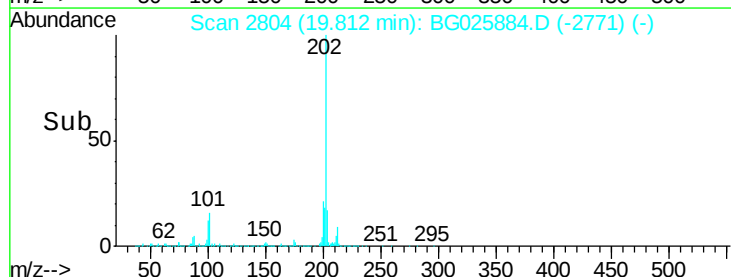
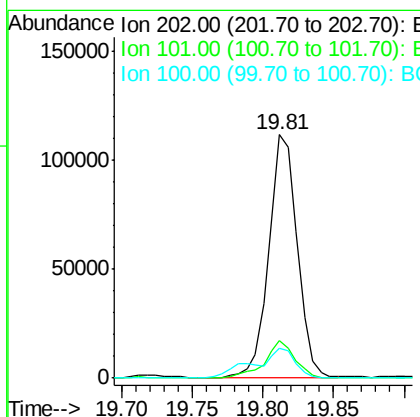
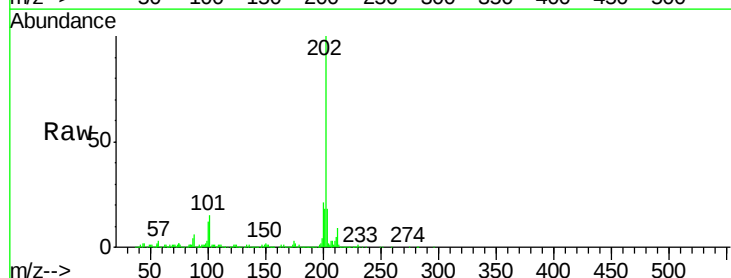
Instrument :
BNA_G
ClientSampleId :
DABB0

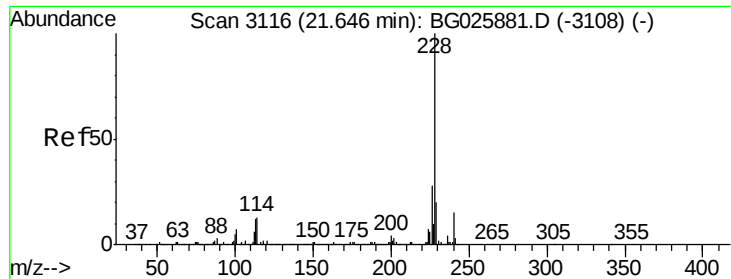
Tgt Ion:	202	Resp:	197083
Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.9	14.9
100	9.9	7.4	11.0



#19
Pyrene
Concen: 3.69 ng/ul
RT: 19.81 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Tgt Ion:	202	Resp:	157693
Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.0	16.4
100	12.3	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 2.66 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA_G

ClientSampleId :

DABB0

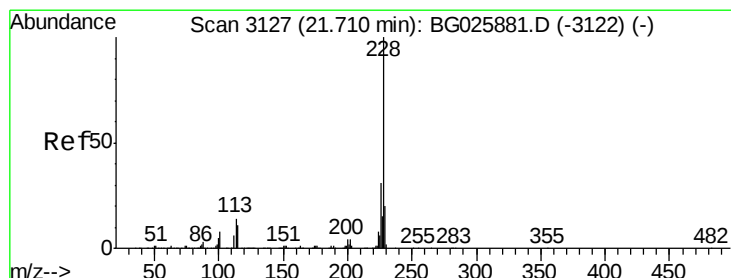
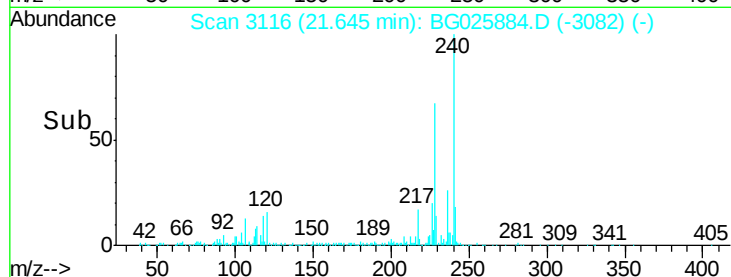
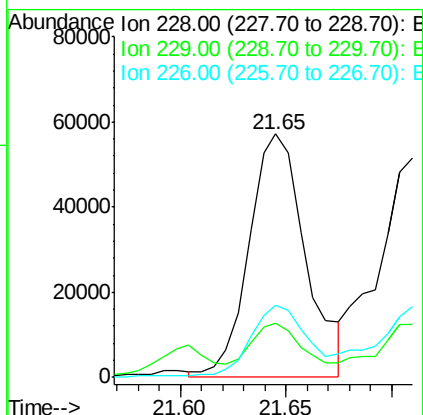
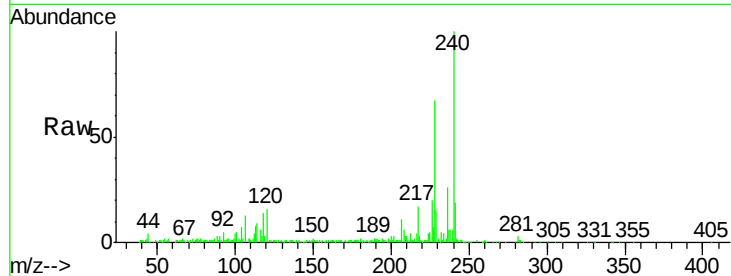
Tgt Ion:228 Resp: 105489

Ion Ratio Lower Upper

228 100

229 22.5 15.7 23.5

226 29.7 21.1 31.7



#21

Chrysene

Concen: 2.74 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. -0.07 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

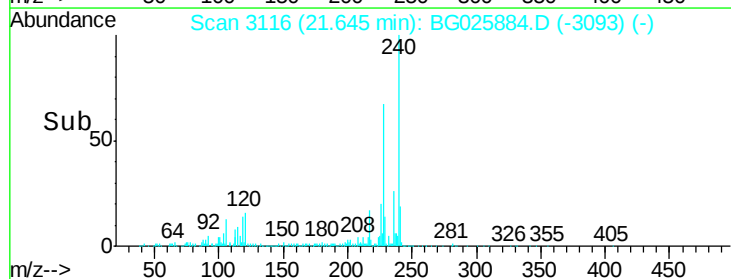
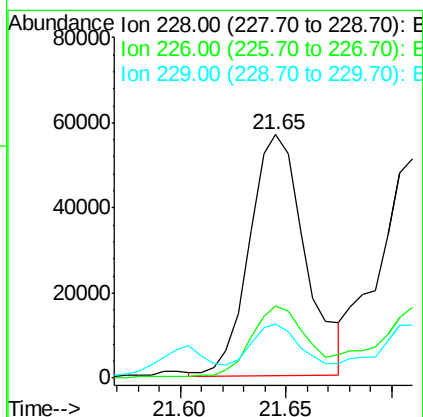
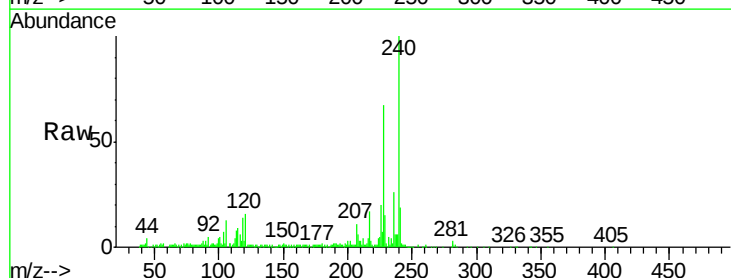
Tgt Ion:228 Resp: 103837

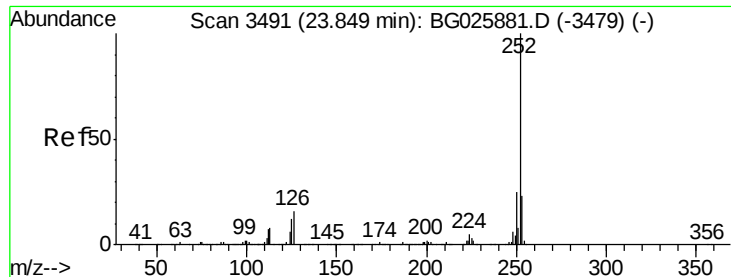
Ion Ratio Lower Upper

228 100

226 29.7 24.5 36.7

229 22.5 15.8 23.8

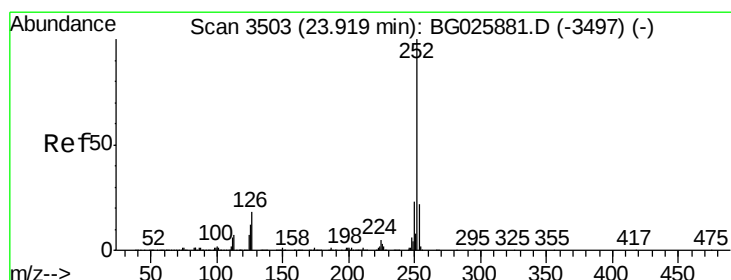
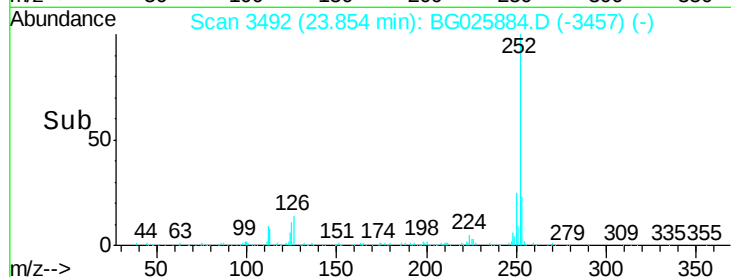
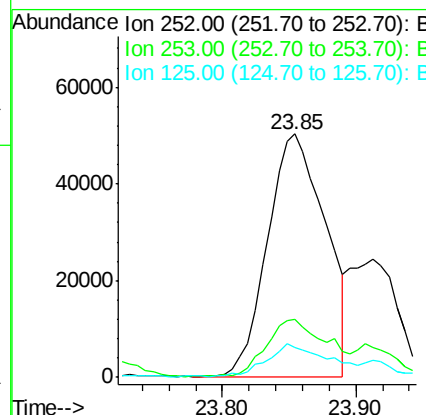
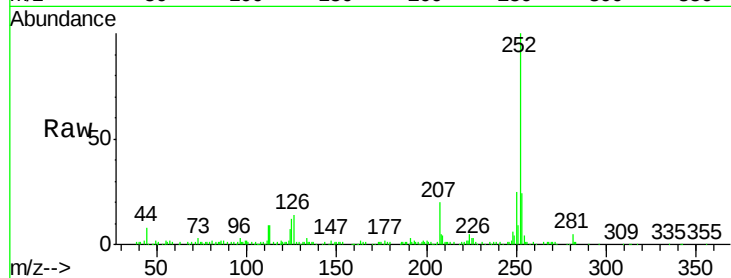




#23
Benzo(b)fluoranthene
Concen: 3.86 ng/u1
RT: 23.85 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

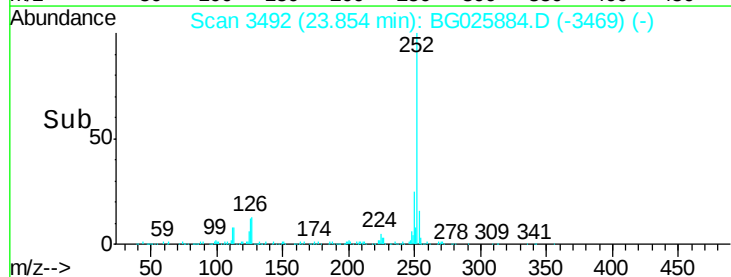
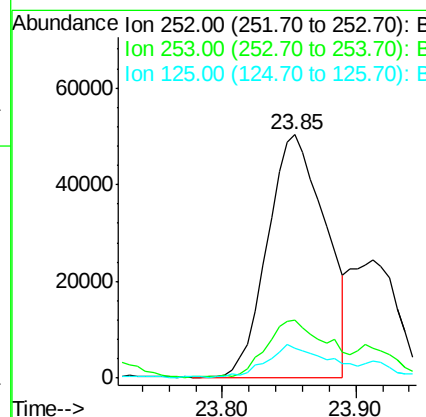
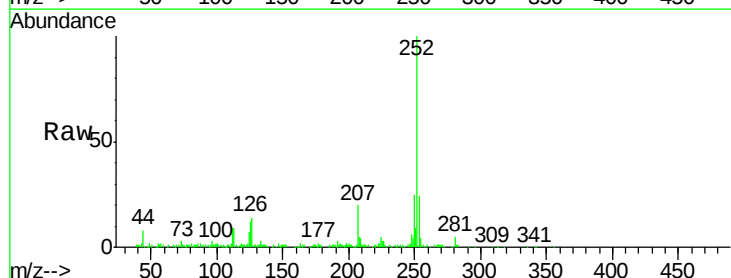
Instrument :
BNA_G
ClientSampleId :
DABB0

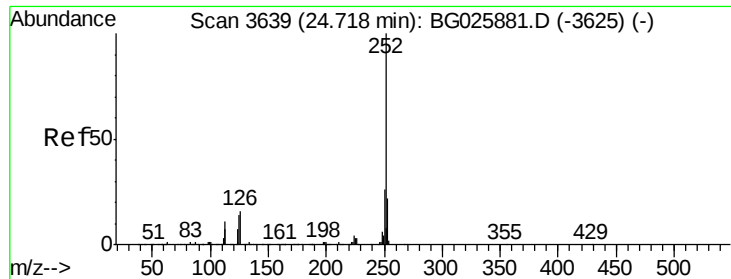
Tgt Ion:252 Resp: 151703
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 12.1 8.0 12.0#



#24
Benzo(k)fluoranthene
Concen: 4.00 ng/u1
RT: 23.85 min Scan# 3492
Delta R.T. -0.07 min
Lab File: BG025884.D
Acq: 20 Feb 2017 22:04

Tgt Ion:252 Resp: 151703
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 12.1 8.1 12.1





#26

Benzo(a)pyrene

Concen: 2.45 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. -0.00 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA_G

ClientSampleId :

DABB0

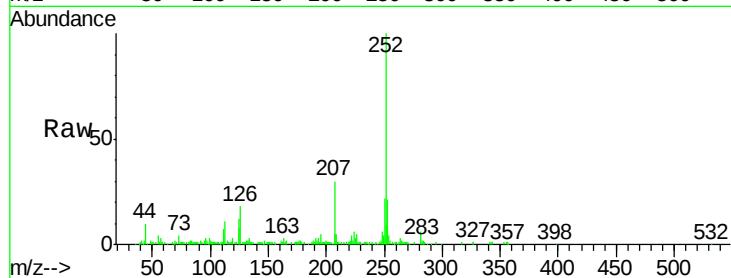
Tgt Ion:252 Resp: 93326

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

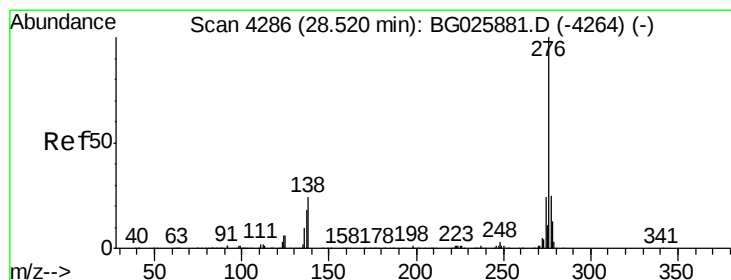
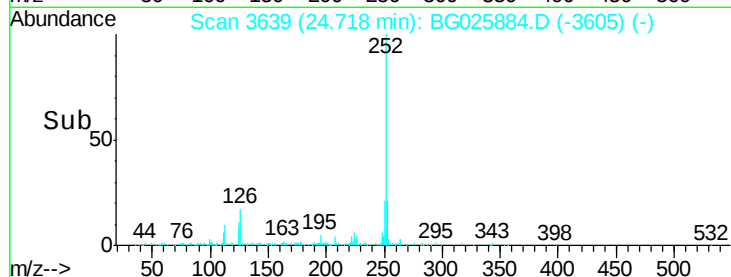
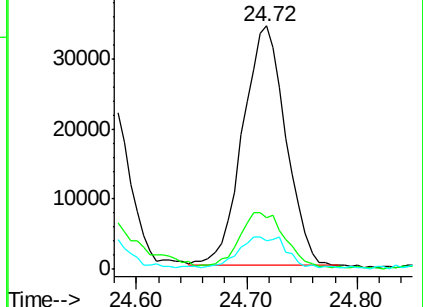
125 11.5 8.2 12.4



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.23 ng/ul

RT: 28.50 min Scan# 4282

Delta R.T. -0.02 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

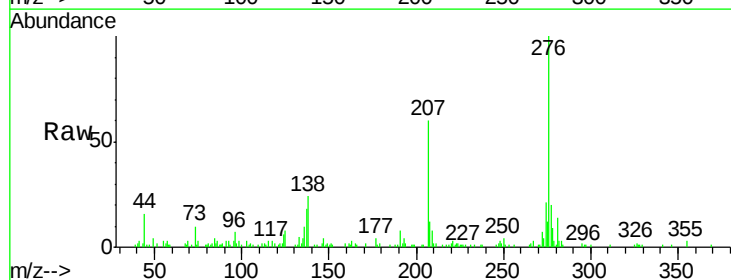
Tgt Ion:276 Resp: 54795

Ion Ratio Lower Upper

276 100

138 23.8 14.4 21.6#

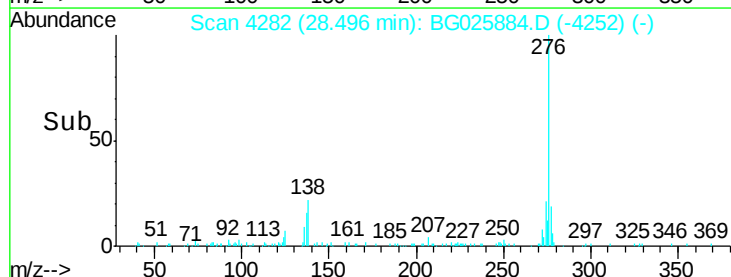
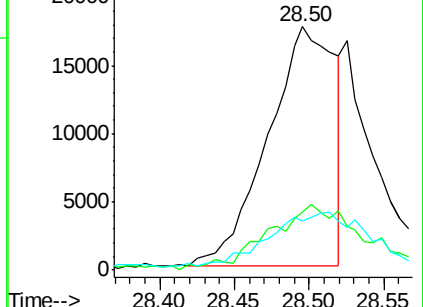
277 20.1 18.0 27.0

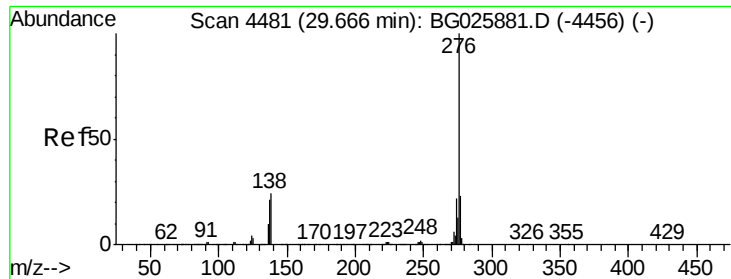


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(g,h,i)perylene

Concen: 1.92 ng/ul

RT: 29.64 min Scan# 4477

Delta R.T. -0.02 min

Lab File: BG025884.D

Acq: 20 Feb 2017 22:04

Instrument :

BNA_G

ClientSampleId :

DABB0

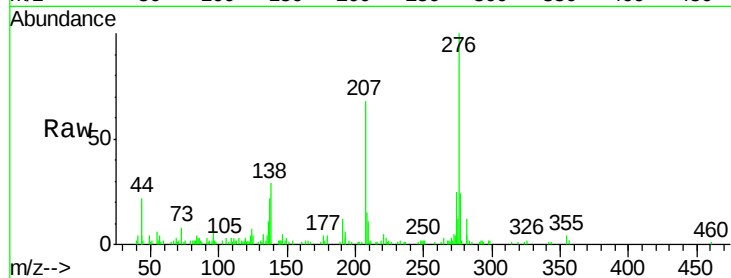
Tgt Ion: 276 Resp: 70449

Ion Ratio Lower Upper

276 100

138 29.5 15.3 22.9#

277 24.1 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

