

Data File : BG025885.D
Acq On : 20 Feb 2017 22:43
Operator : SJ/MA
Sample : I1898-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB0MS

Quant Time: Feb 21 02:28:36 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	110876	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	546037	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	348172	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	796205	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	781005	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	749504	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1019315	35.35	ng/ul	0.00
10) Fluorene-d10	15.67	176	760439	34.34	ng/ul	0.00
14) Anthracene-d10	17.51	188	1126471	31.29	ng/ul	0.00
18) Pyrene-d10	19.79	212	1146383	30.45	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	1053493	31.76	ng/ul	0.00

Target Compounds				Qvalue		
9) Acenaphthene	14.75	153	718186	34.03	ng/ul	96
13) Phenanthrene	17.46	178	96657	2.28	ng/ul	97
15) Anthracene	17.46	178	96731	2.24	ng/ul	98
16) Fluoranthene	19.46	202	185864	3.98	ng/ul	98
19) Pyrene	19.81	202	1562728	33.06	ng/ul#	92
20) Benzo(a)anthracene	21.64	228	103039	2.35	ng/ul	94
21) Chrysene	21.71	228	102795	2.45	ng/ul	98
23) Benzo(b)fluoranthene	23.86	252	155507	3.59	ng/ul#	93
24) Benzo(k)fluoranthene	23.86	252	155507	3.72	ng/ul#	93
26) Benzo(a)pyrene	24.72	252	99089	2.36	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	28.50	276	75321	1.53	ng/ul#	91
29) Benzo(g,h,i)perylene	29.64	276	72432	1.79	ng/ul#	93

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

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DABBOMS

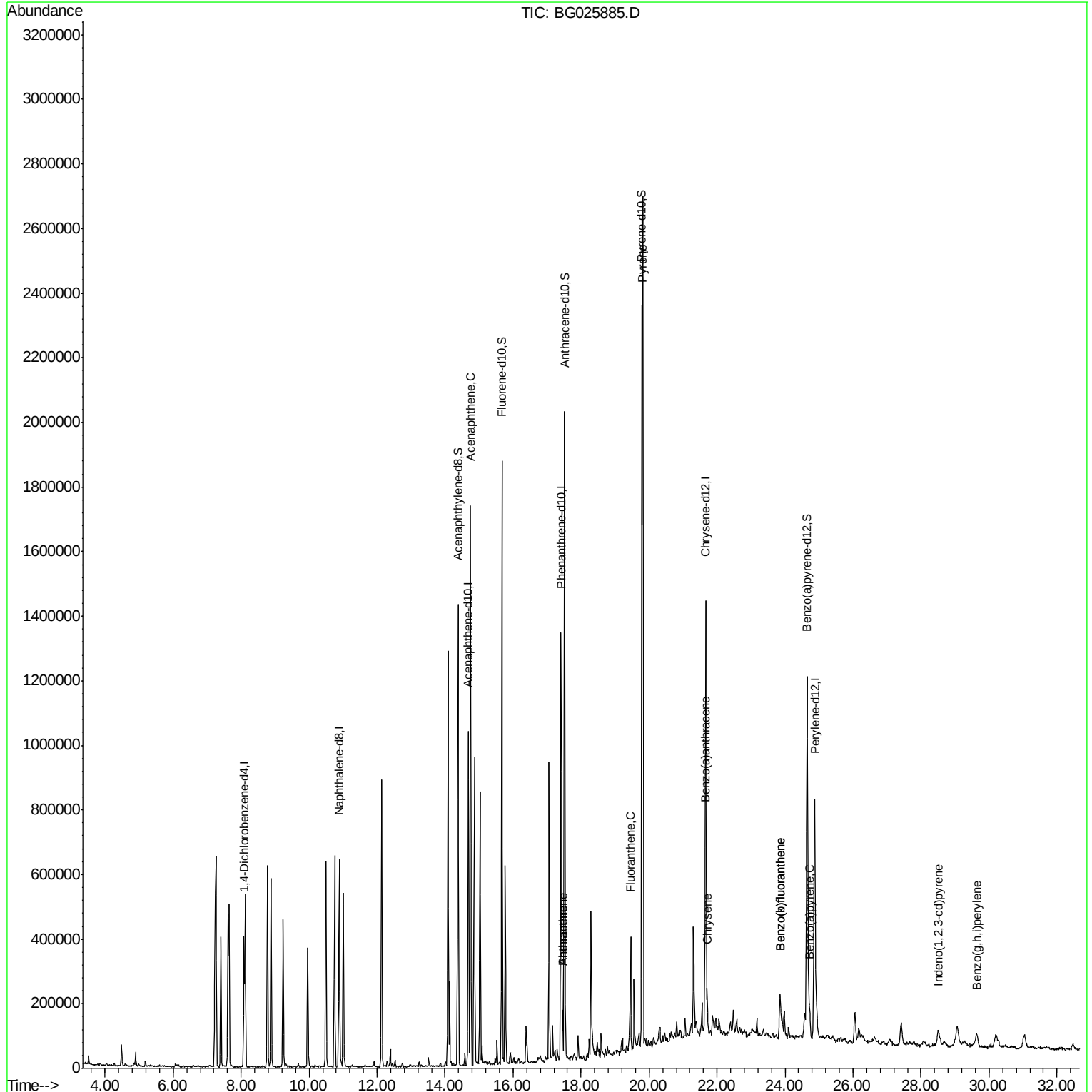
Quant Time: Feb 21 02:28:36 2017

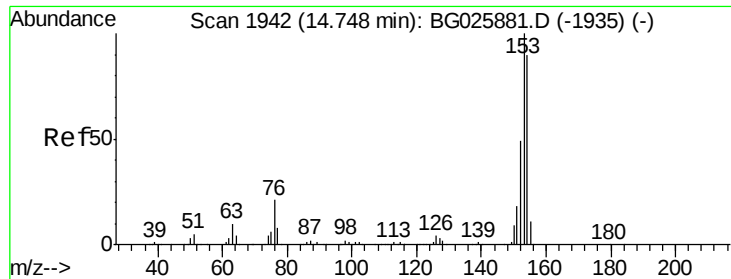
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#9

Acenaphthene

Concen: 34.03 ng/ul

RT: 14.75 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

Instrument :

BNA_G

ClientSampleId :

DABBOMS

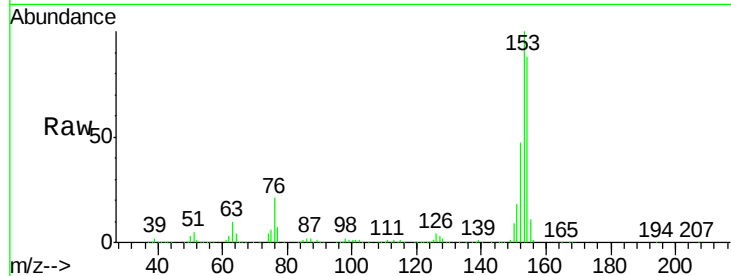
Tgt Ion:153 Resp: 718186

Ion Ratio Lower Upper

153 100

152 47.4 39.0 58.6

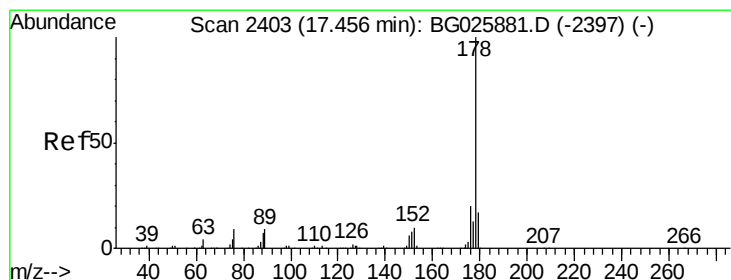
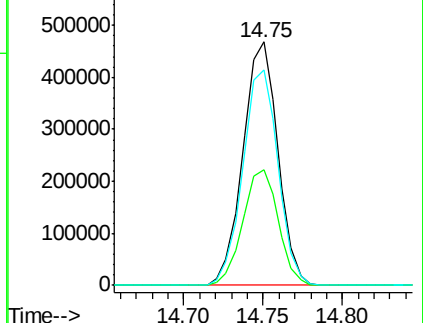
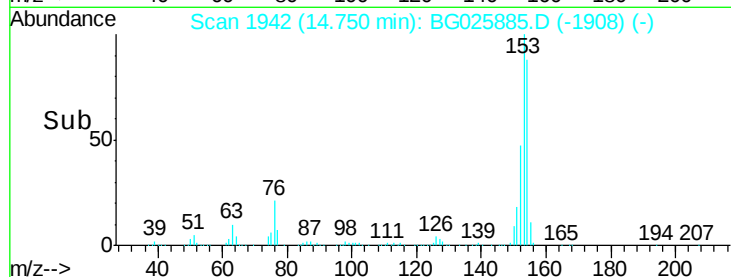
154 88.3 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 2.28 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

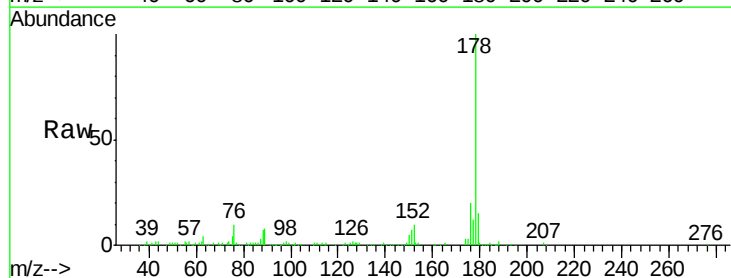
Tgt Ion:178 Resp: 96657

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

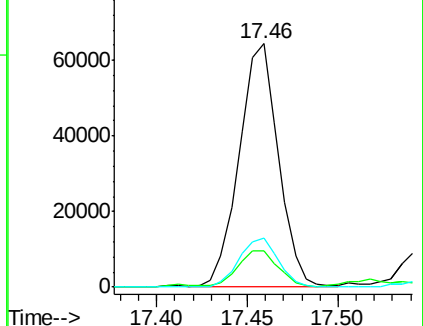
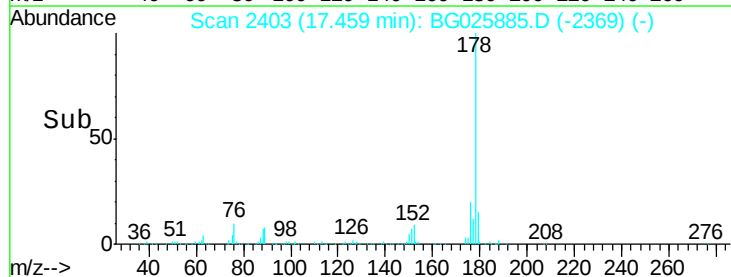
176 20.3 15.1 22.7

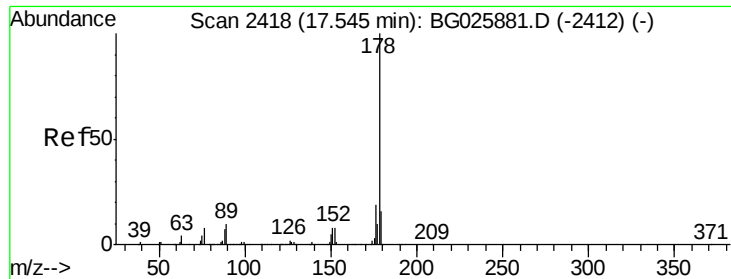


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

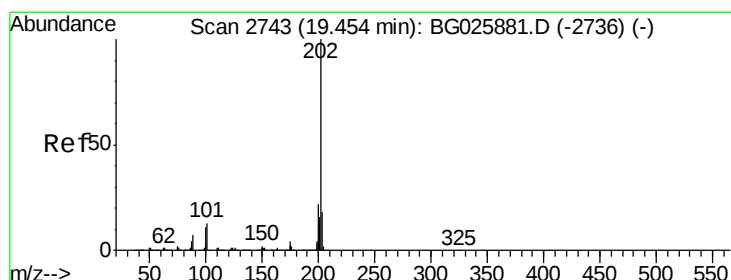
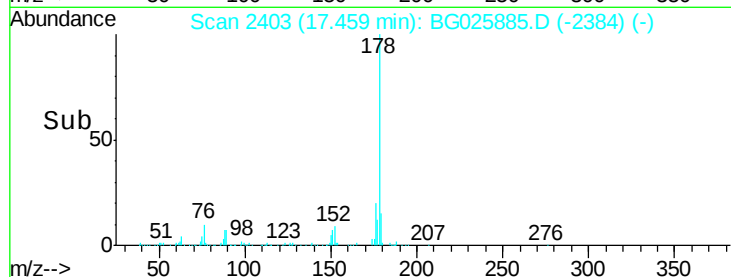
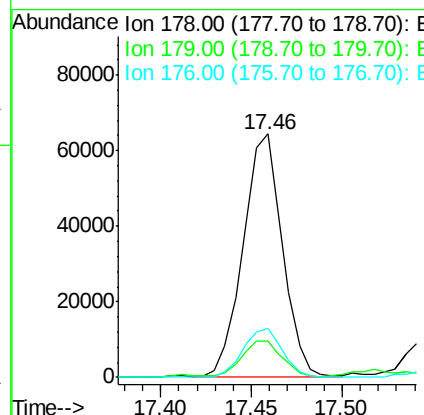
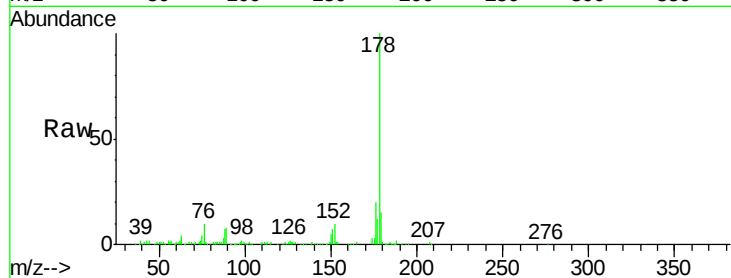




#15
 Anthracene
 Concen: 2.24 ng/ul
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.09 min
 Lab File: BG025885.D
 Acq: 20 Feb 2017 22:43

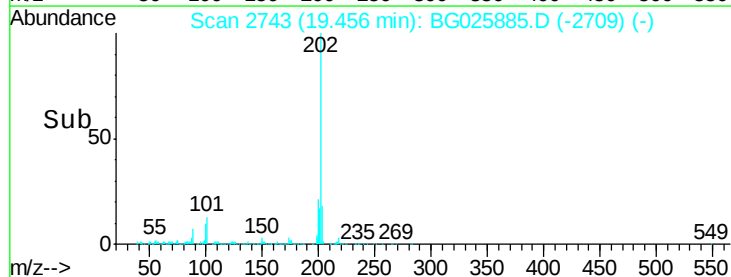
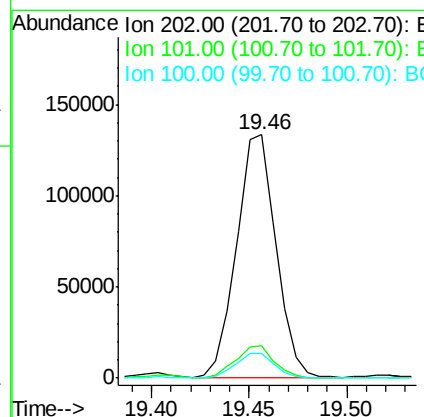
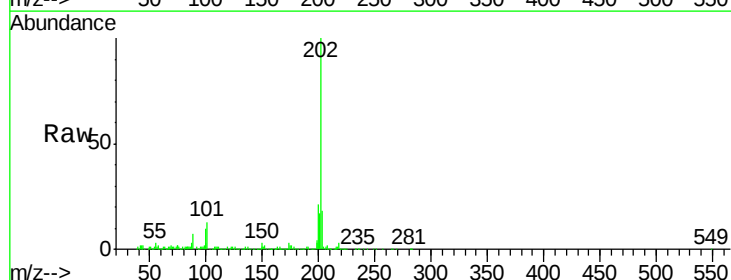
Instrument :
 BNA_G
 ClientSampleId :
 DABBOMS

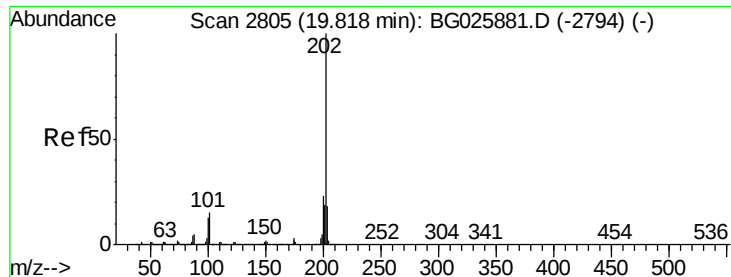
Tgt Ion:178 Resp: 96731
 Ion Ratio Lower Upper
 178 100
 179 14.7 11.8 17.8
 176 20.3 15.2 22.8



#16
 Fluoranthene
 Concen: 3.98 ng/ul
 RT: 19.46 min Scan# 2743
 Delta R.T. 0.00 min
 Lab File: BG025885.D
 Acq: 20 Feb 2017 22:43

Tgt Ion:202 Resp: 185864
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.9 14.9
 100 10.3 7.4 11.0





#19

Pyrene

Concen: 33.06 ng/ul

RT: 19.81 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

Instrument :

BNA_G

ClientSampleId :

DABBOMS

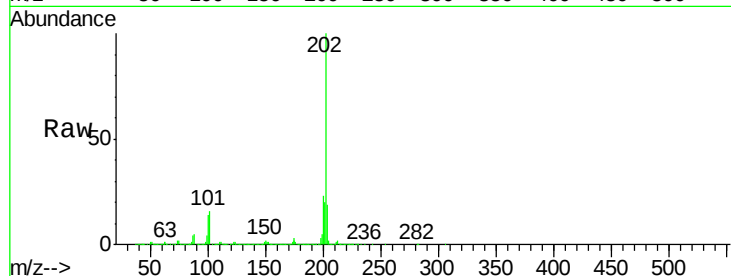
Tgt Ion:202 Resp: 1562728

Ion Ratio Lower Upper

202 100

101 16.3 11.0 16.4

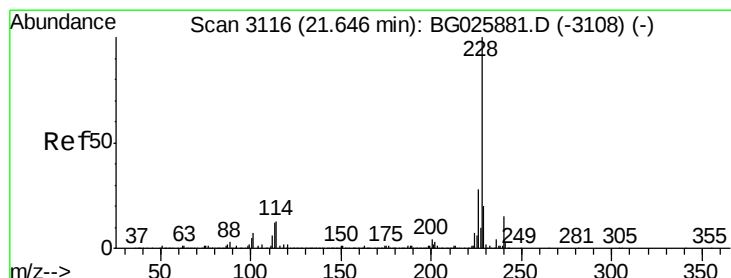
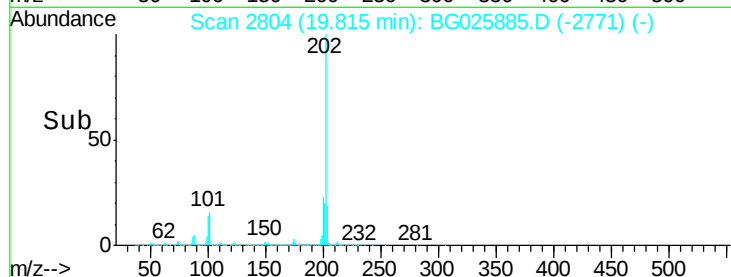
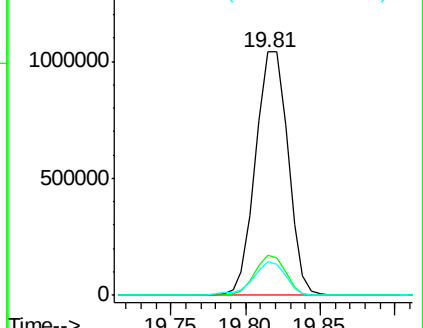
100 13.9 8.1 12.1#



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: 2.35 ng/ul

RT: 21.64 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

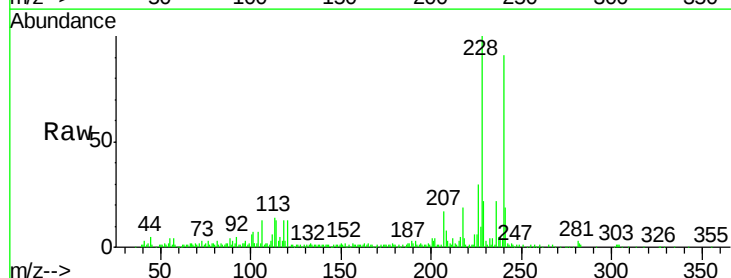
Tgt Ion:228 Resp: 103039

Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

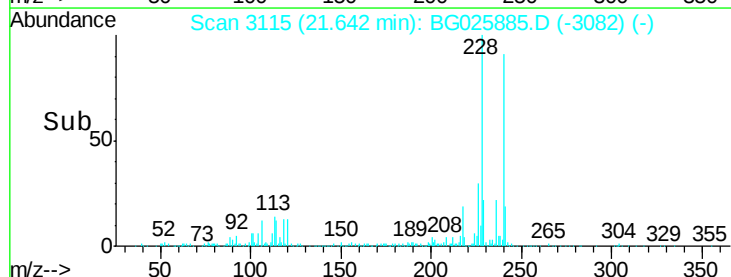
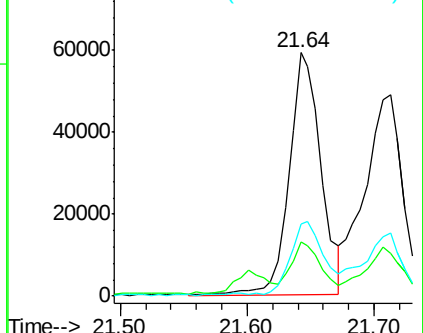
226 29.8 21.1 31.7

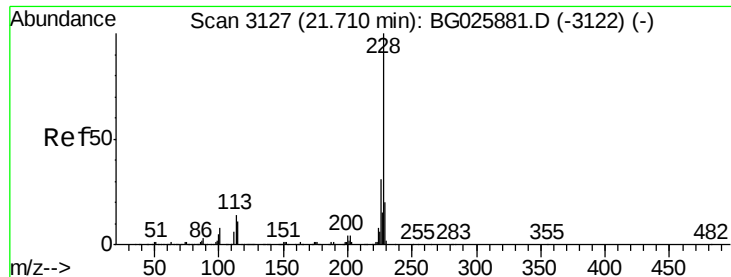


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.45 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

Instrument :

BNA_G

ClientSampleId :

DABBOMS

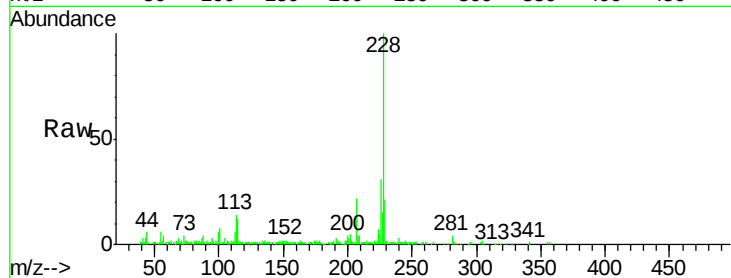
Tgt Ion:228 Resp: 102795

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

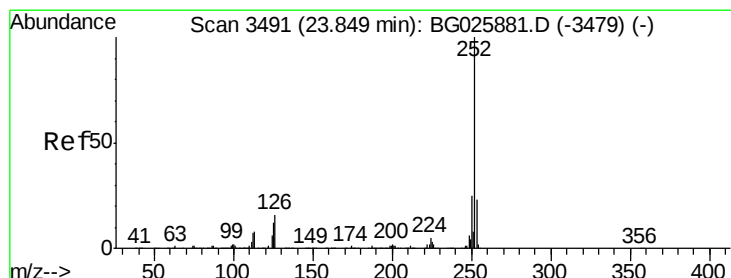
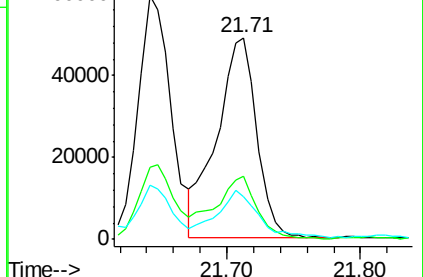
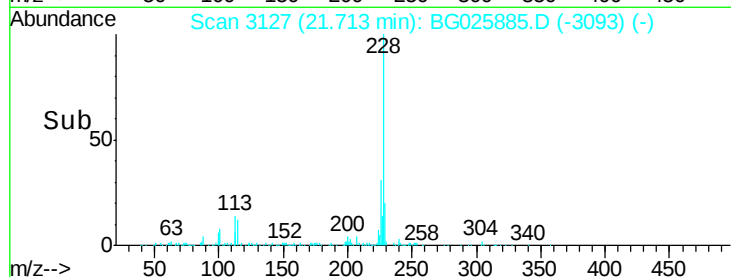
229 21.2 15.8 23.8



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: 3.59 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

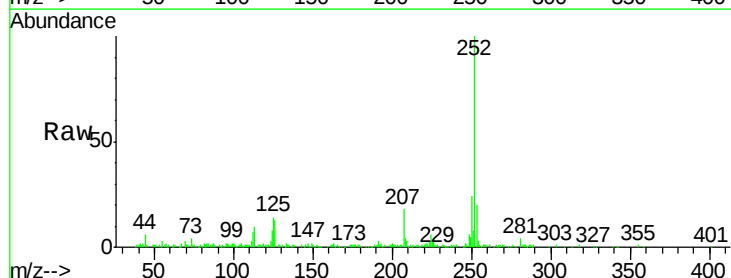
Tgt Ion:252 Resp: 155507

Ion Ratio Lower Upper

252 100

253 19.9 18.0 27.0

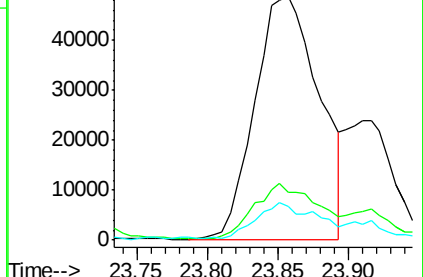
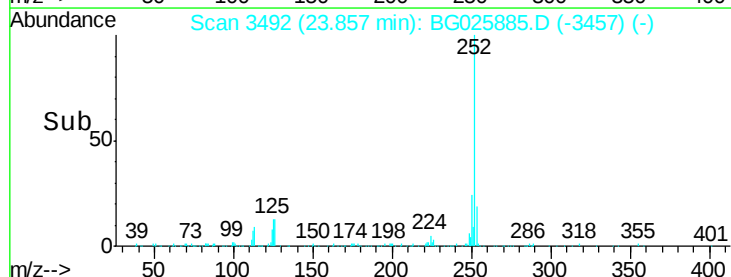
125 13.9 8.0 12.0#

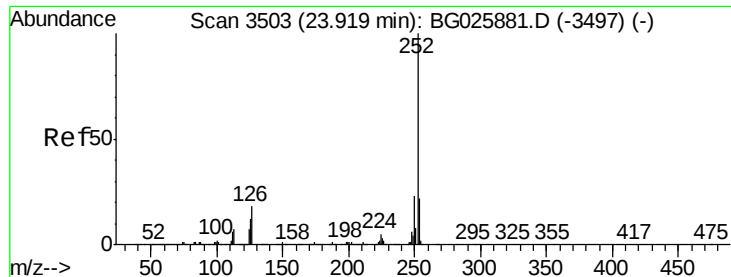


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.72 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. -0.06 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

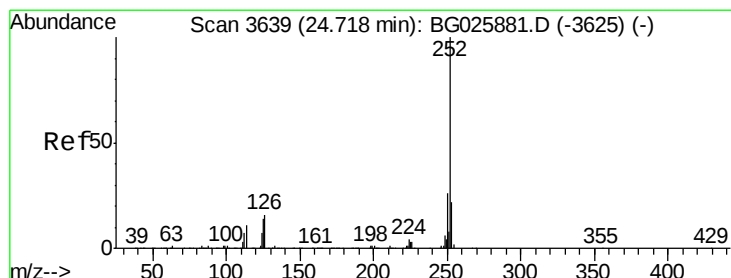
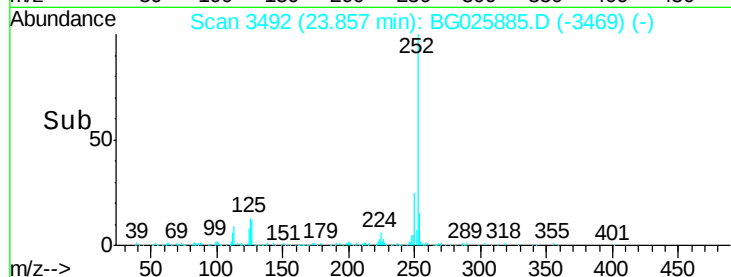
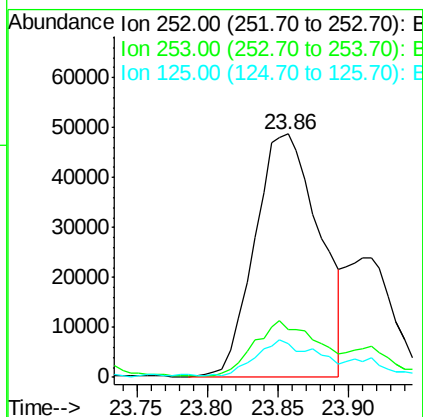
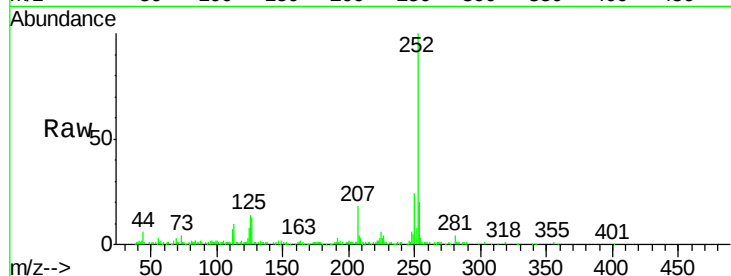
Instrument :

BNA_G

ClientSampleId :

DABBOMS

Tgt Ion:	252	Resp:	155507
Ion Ratio	Lower	Upper	
252	100		
253	19.9	18.0	27.0
125	13.9	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 2.36 ng/ul

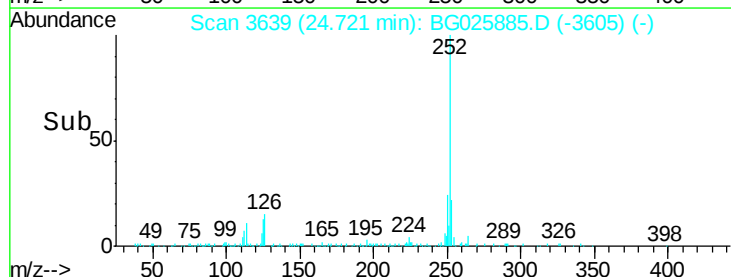
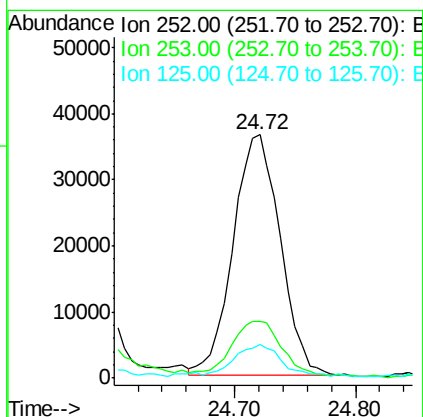
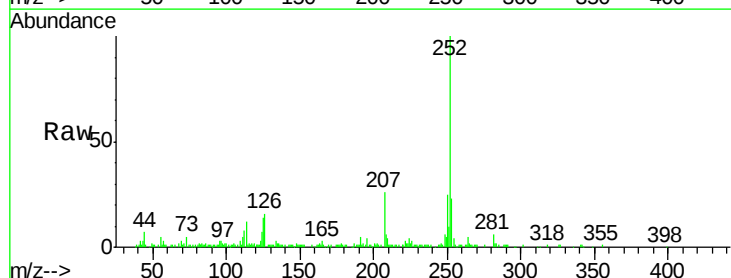
RT: 24.72 min Scan# 3639

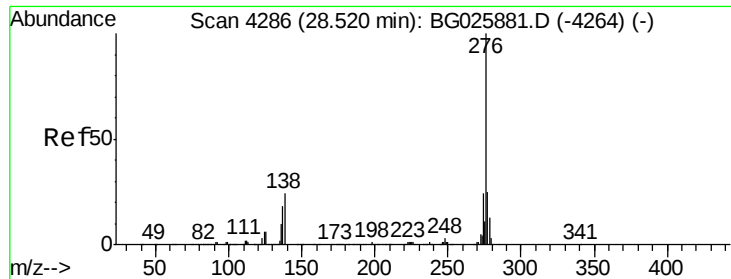
Delta R.T. 0.00 min

Lab File: BG025885.D

Acq: 20 Feb 2017 22:43

Tgt Ion:	252	Resp:	99089
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	14.0	8.2	12.4#

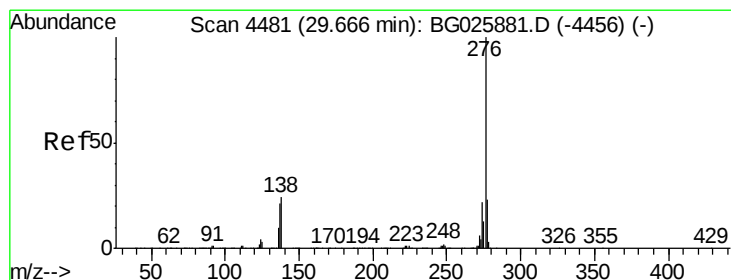
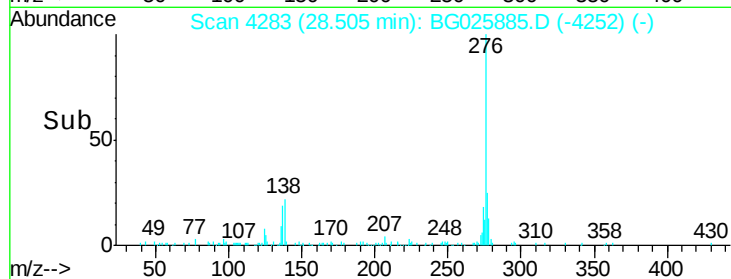
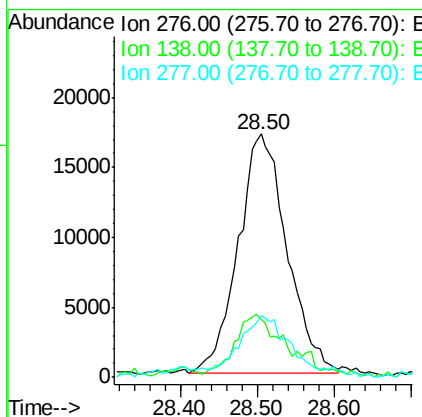
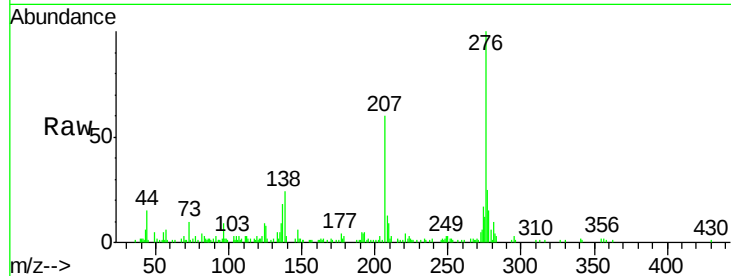




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.53 ng/ul
 RT: 28.50 min Scan# 4283
 Delta R.T. -0.02 min
 Lab File: BG025885.D
 Acq: 20 Feb 2017 22:43

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 276 Resp: 75321
 Ion Ratio Lower Upper
 276 100
 138 23.6 14.4 21.6#
 277 25.4 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.79 ng/ul
 RT: 29.64 min Scan# 4476
 Delta R.T. -0.03 min
 Lab File: BG025885.D
 Acq: 20 Feb 2017 22:43

Tgt Ion: 276 Resp: 72432
 Ion Ratio Lower Upper
 276 100
 138 23.4 15.3 22.9#
 277 21.6 19.0 28.4

