

Data File : BG025886.D
Acq On : 20 Feb 2017 23:22
Operator : SJ/MA
Sample : I1898-07MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB0MSD

Quant Time: Feb 21 02:28:46 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	105035	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	506067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	321390	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	745831	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	733971	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	703293	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	697491	26.21	ng/ul	0.00
10) Fluorene-d10	15.67	176	518627	25.38	ng/ul	0.00
14) Anthracene-d10	17.51	188	790298	23.44	ng/ul	0.00
18) Pyrene-d10	19.79	212	830051	23.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	743446	23.89	ng/ul	0.00

Target Compounds				Qvalue		
9) Acenaphthene	14.75	153	495048	25.41	ng/ul	94
13) Phenanthrene	17.46	178	59676	1.50	ng/ul	98
15) Anthracene	17.46	178	59676	1.48	ng/ul	99
16) Fluoranthene	19.45	202	121183	2.77	ng/ul	100
19) Pyrene	19.82	202	1112801	25.05	ng/ul#	94
20) Benzo(a)anthracene	21.71	228	73779	1.79	ng/ul	94
21) Chrysene	21.71	228	73779	1.87	ng/ul	98
23) Benzo(b)fluoranthene	23.85	252	106958	2.63	ng/ul#	96
24) Benzo(k)fluoranthene	23.85	252	106958	2.72	ng/ul#	96
26) Benzo(a)pyrene	24.72	252	64639	1.64	ng/ul#	93

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

Data File : BG025886.D

Acq On : 20 Feb 2017 23:22

Operator : SJ/MA

Sample : I1898-07MSD

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

DABB0MSD

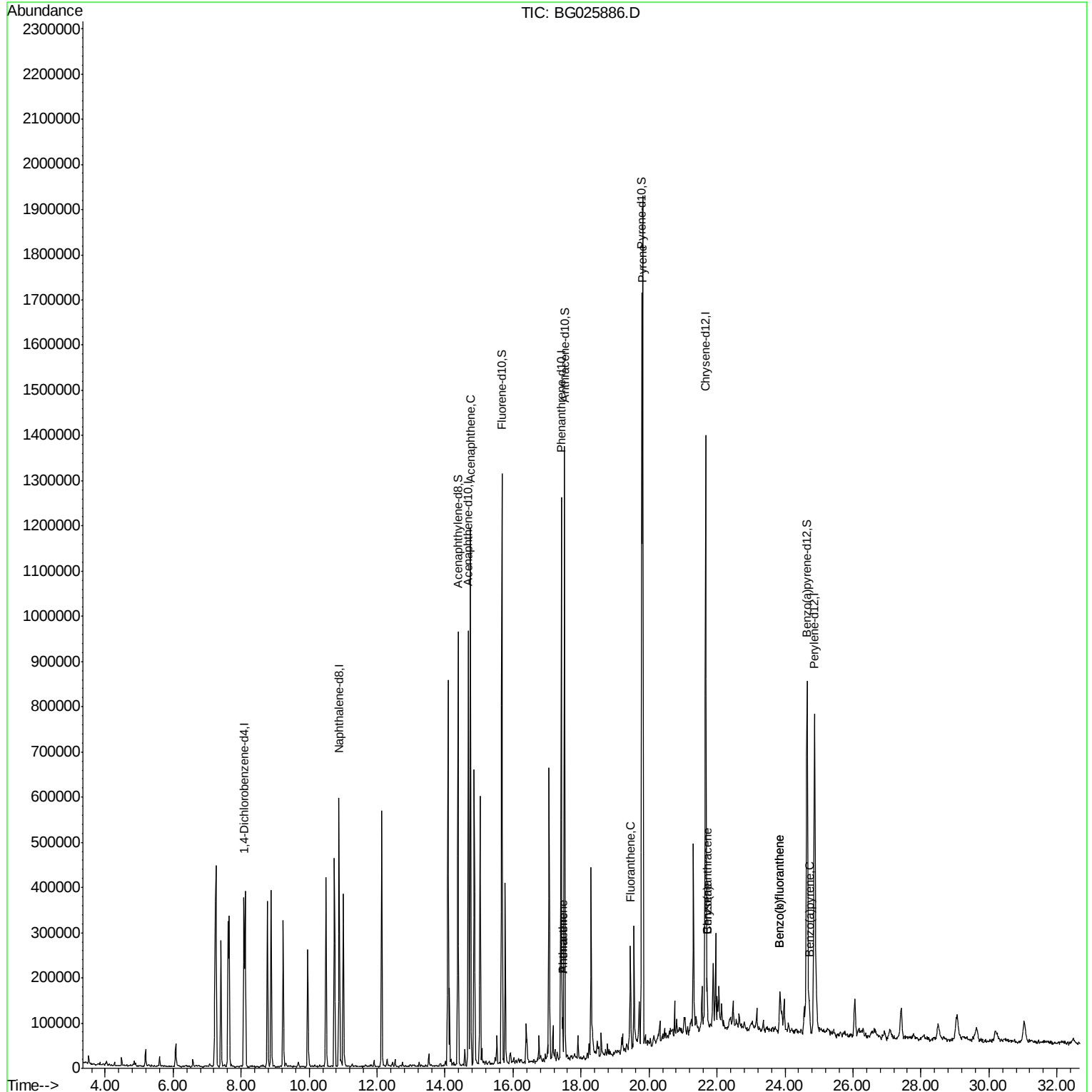
Quant Time: Feb 21 02:28:46 2017

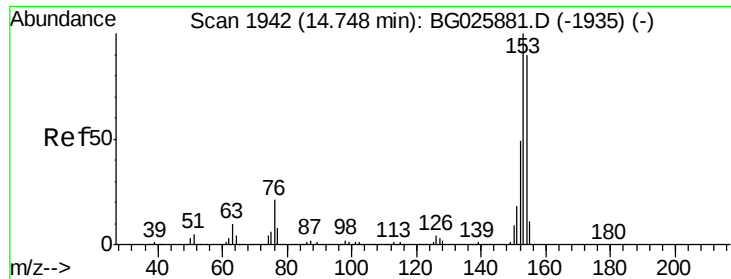
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#9

Acenaphthene

Concen: 25.41 ng/ul

RT: 14.75 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

DABB0MSD

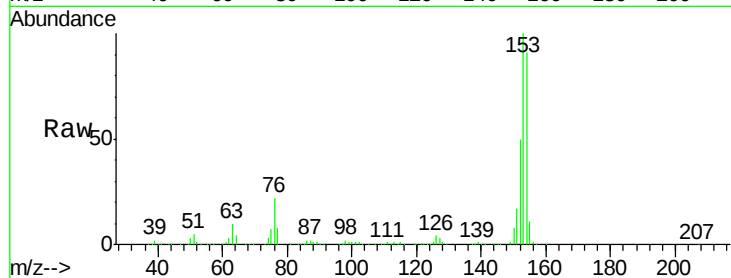
Tgt Ion:153 Resp: 495048

Ion Ratio Lower Upper

153 100

152 49.6 39.0 58.6

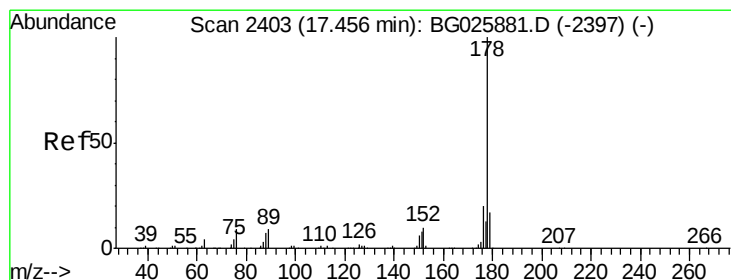
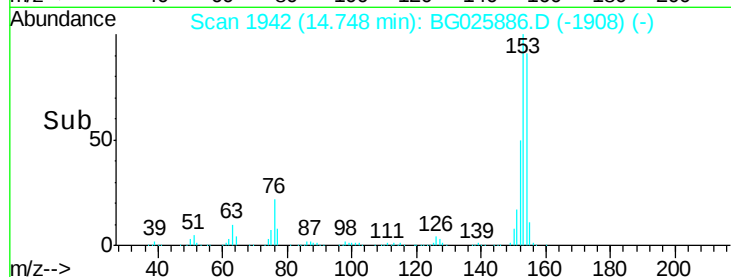
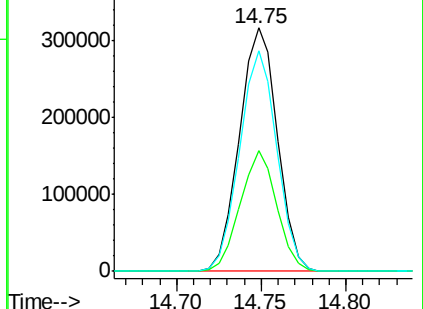
154 90.8 66.8 100.2



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: 1.50 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

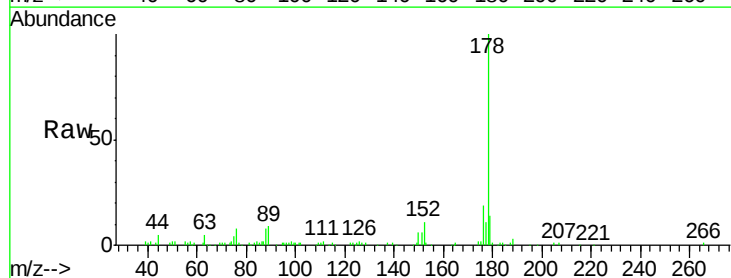
Tgt Ion:178 Resp: 59676

Ion Ratio Lower Upper

178 100

179 14.0 12.3 18.5

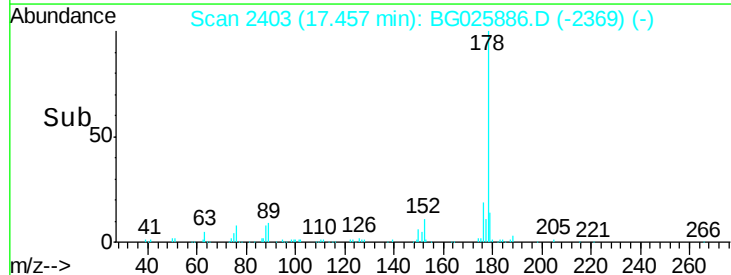
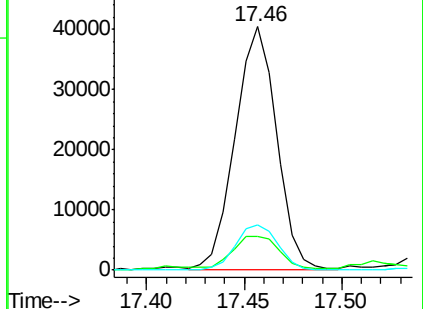
176 18.7 15.1 22.7

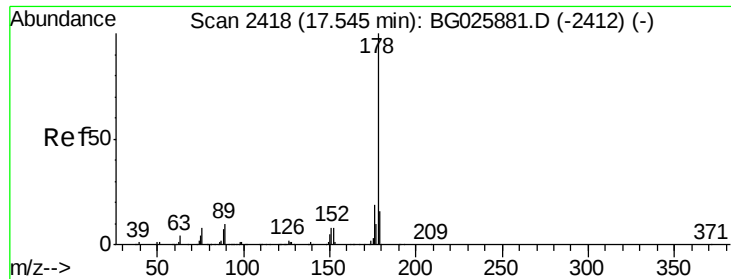


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

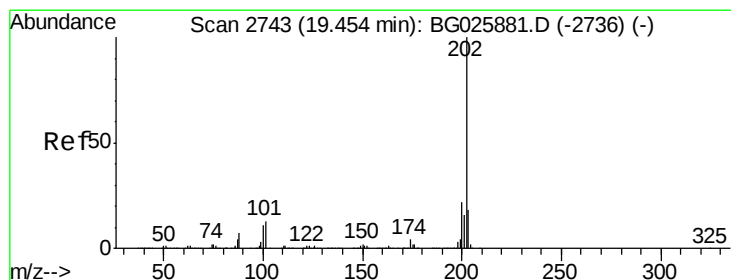
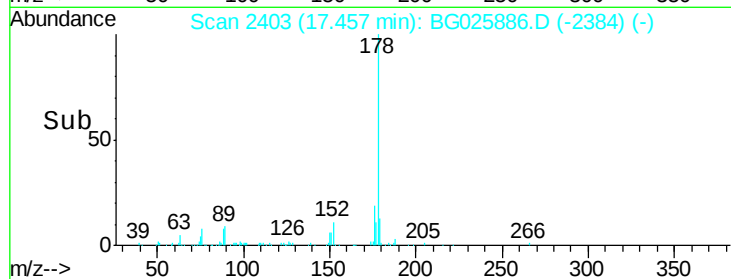
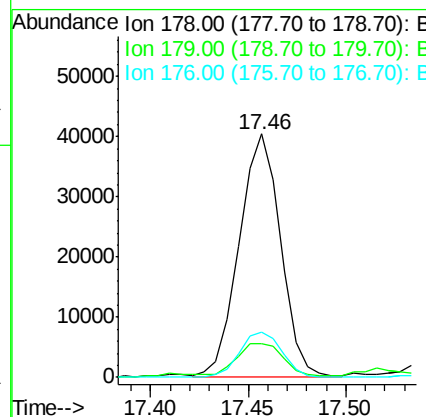
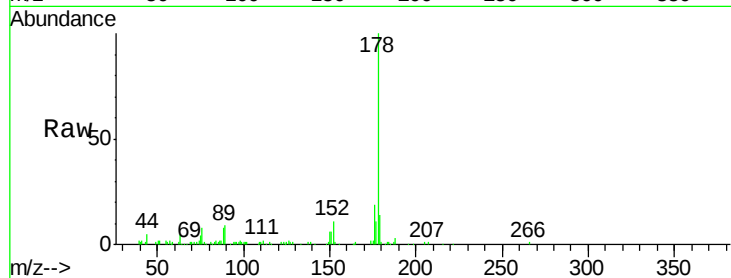




#15
 Anthracene
 Concen: 1.48 ng/ul
 RT: 17.46 min Scan# 2403
 Delta R.T. -0.09 min
 Lab File: BG025886.D
 Acq: 20 Feb 2017 23:22

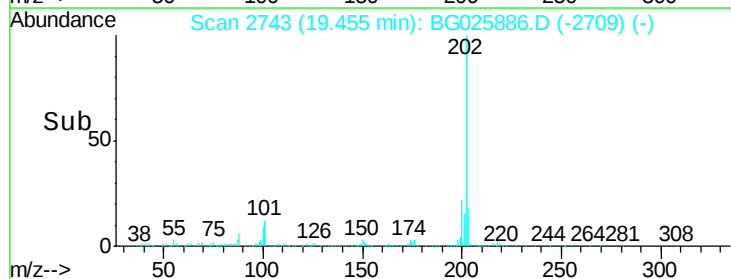
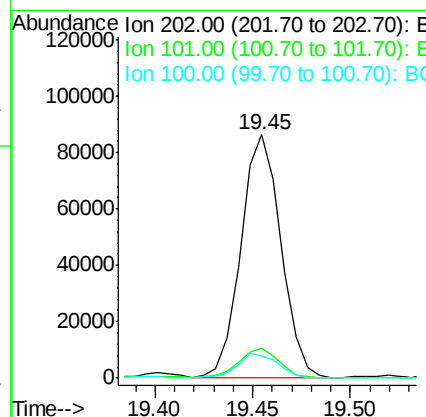
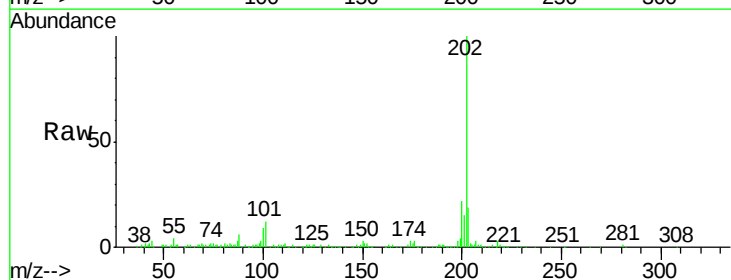
Instrument :
 BNA_G
 ClientSampleId :
 DABB0MSD

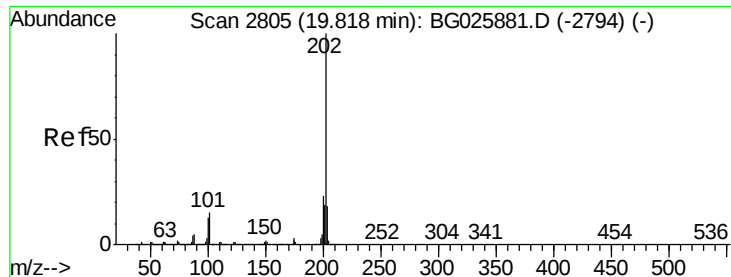
Tgt Ion:178 Resp: 59676
 Ion Ratio Lower Upper
 178 100
 179 14.0 11.8 17.8
 176 18.7 15.2 22.8



#16
 Fluoranthene
 Concen: 2.77 ng/ul
 RT: 19.45 min Scan# 2743
 Delta R.T. 0.00 min
 Lab File: BG025886.D
 Acq: 20 Feb 2017 23:22

Tgt Ion:202 Resp: 121183
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.9 14.9
 100 9.1 7.4 11.0





#19

Pyrene

Concen: 25.05 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

DABB0MSD

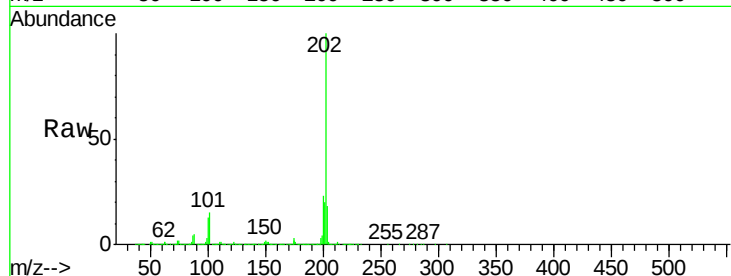
Tgt Ion:202 Resp: 1112801

Ion Ratio Lower Upper

202 100

101 15.0 11.0 16.4

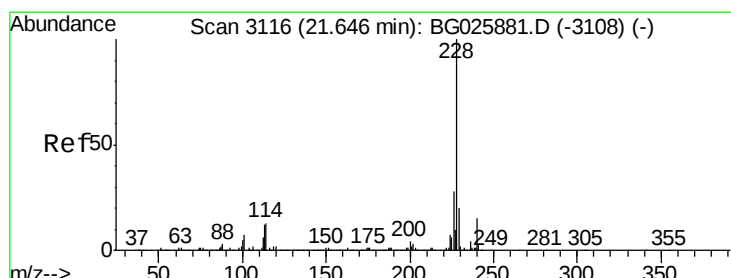
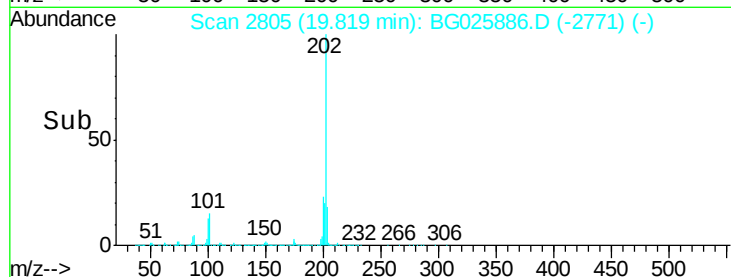
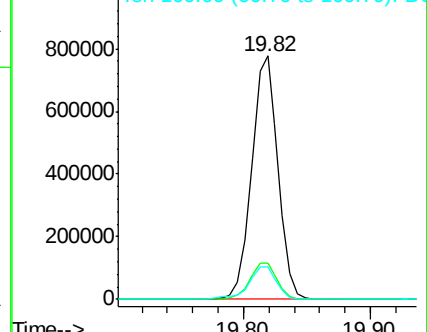
100 13.4 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 1.79 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.07 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

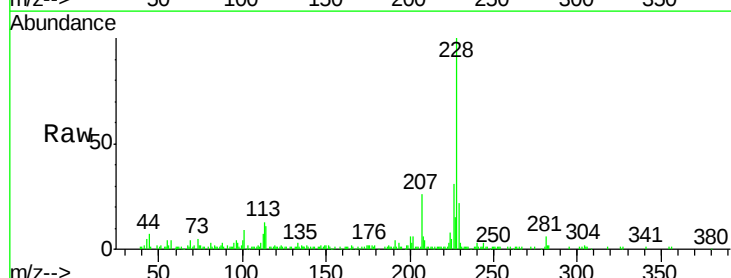
Tgt Ion:228 Resp: 73779

Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

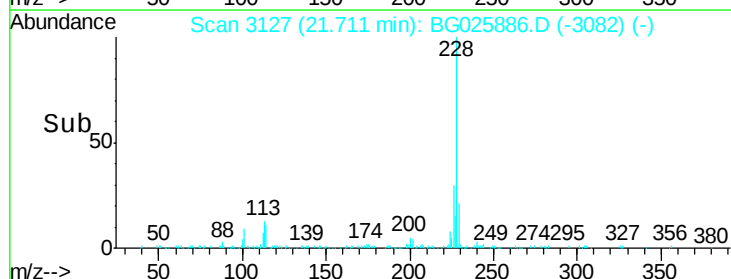
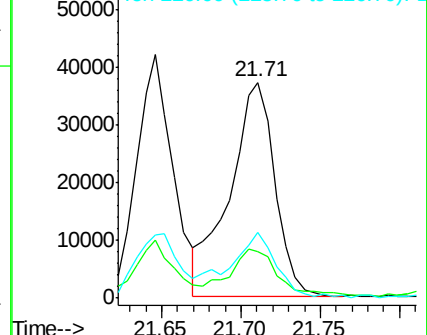
226 30.5 21.1 31.7

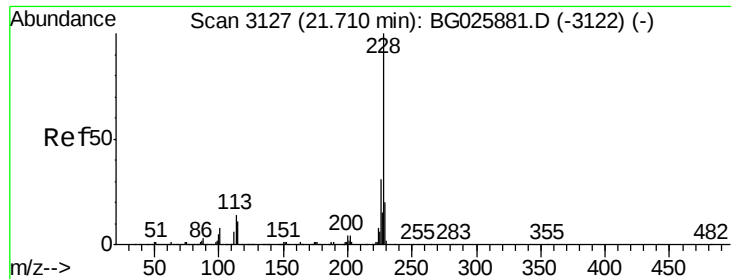


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.87 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

DABB0MSD

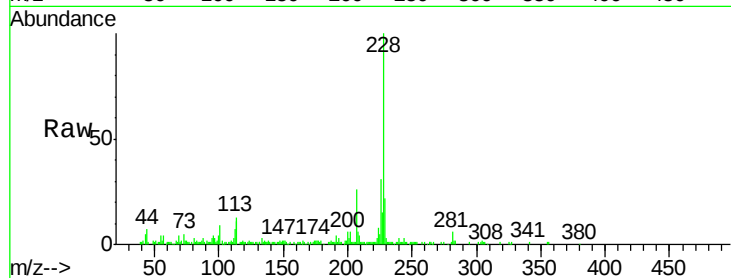
Tgt Ion:228 Resp: 73779

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

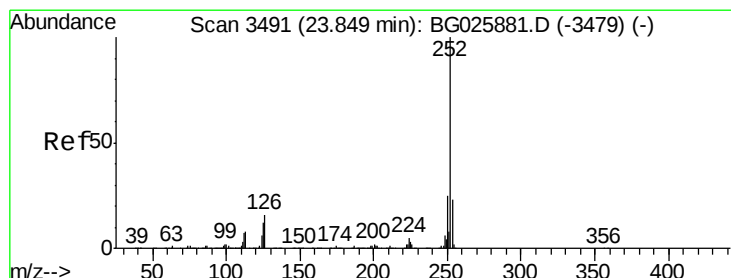
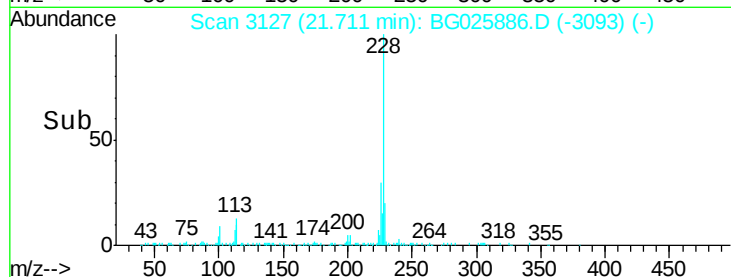
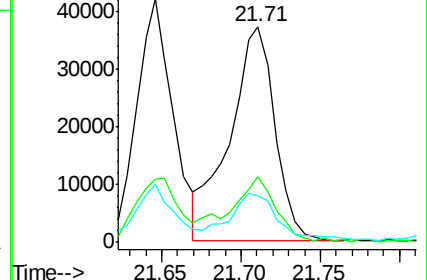
229 21.5 15.8 23.8



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: 2.63 ng/ul

RT: 23.85 min Scan# 3491

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

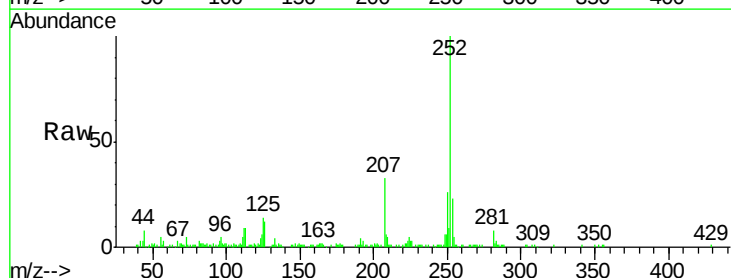
Tgt Ion:252 Resp: 106958

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

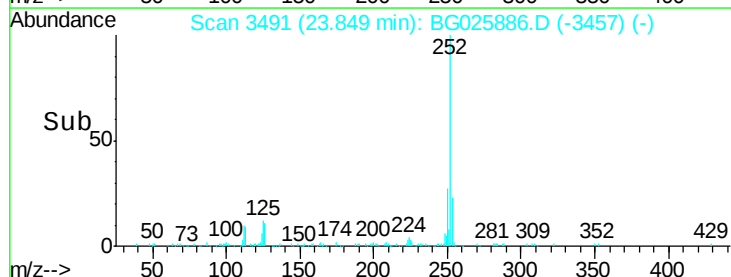
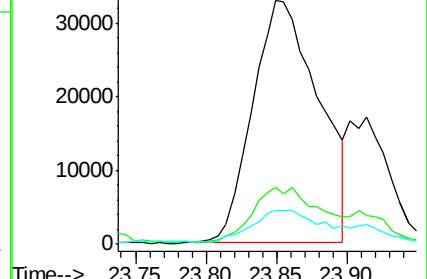
125 13.6 8.0 12.0#

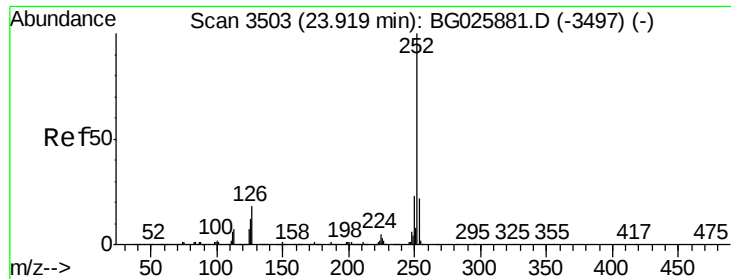


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.72 ng/ul

RT: 23.85 min Scan# 3491

Delta R.T. -0.07 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

Instrument :

BNA_G

ClientSampleId :

DABB0MSD

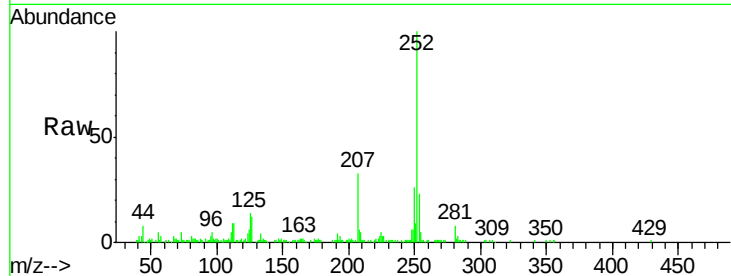
Tgt Ion:252 Resp: 106958

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

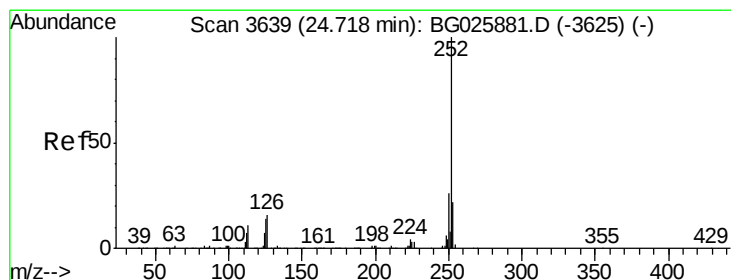
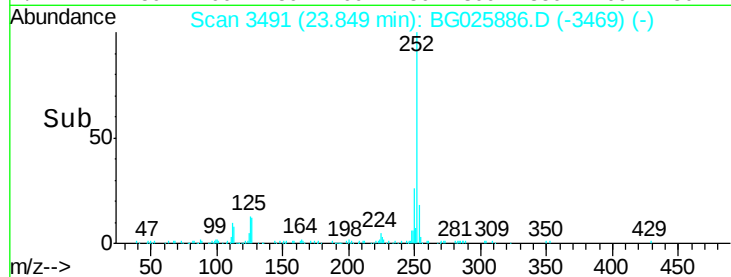
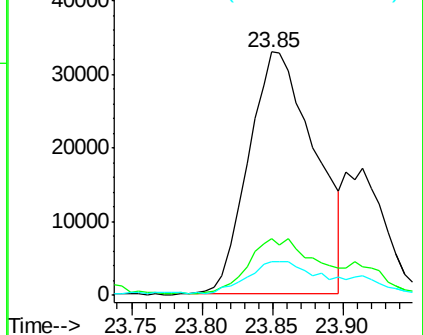
125 13.6 8.1 12.1#



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: 1.64 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. 0.00 min

Lab File: BG025886.D

Acq: 20 Feb 2017 23:22

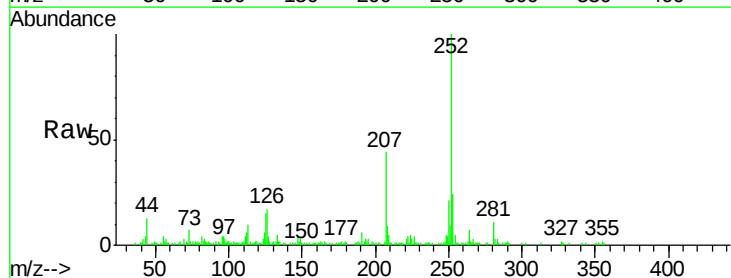
Tgt Ion:252 Resp: 64639

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 14.8 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

