

Data File : BG025916.D
Acq On : 21 Feb 2017 22:28
Operator : SJ/MA
Sample : I1900-20MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABE5MS

Quant Time: Feb 21 23:49:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 23:44:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	123144	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	611450	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	369358	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	798040	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	791773	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	763275	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	633465	20.71	ng/ul	0.00
10) Fluorene-d10	15.67	176	466523	19.86	ng/ul	0.00
14) Anthracene-d10	17.52	188	647785	17.95	ng/ul	0.00
18) Pyrene-d10	19.79	212	661127	17.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	614056	18.18	ng/ul	0.00

Target Compounds				Qvalue		
9) Acenaphthene	14.75	153	454336	20.29	ng/ul	95
13) Phenanthrene	17.46	178	55524	1.30	ng/ul	96
16) Fluoranthene	19.45	202	149137	3.19	ng/ul	98
19) Pyrene	19.82	202	962927	20.10	ng/ul#	96
20) Benzo(a)anthracene	21.65	228	79761	1.79	ng/ul	97
21) Chrysene	21.71	228	84513	1.99	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	106161	2.41	ng/ul#	92
24) Benzo(k)fluoranthene	23.86	252	106161	2.49	ng/ul#	92
26) Benzo(a)pyrene	24.73	252	64023	1.50	ng/ul#	95

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

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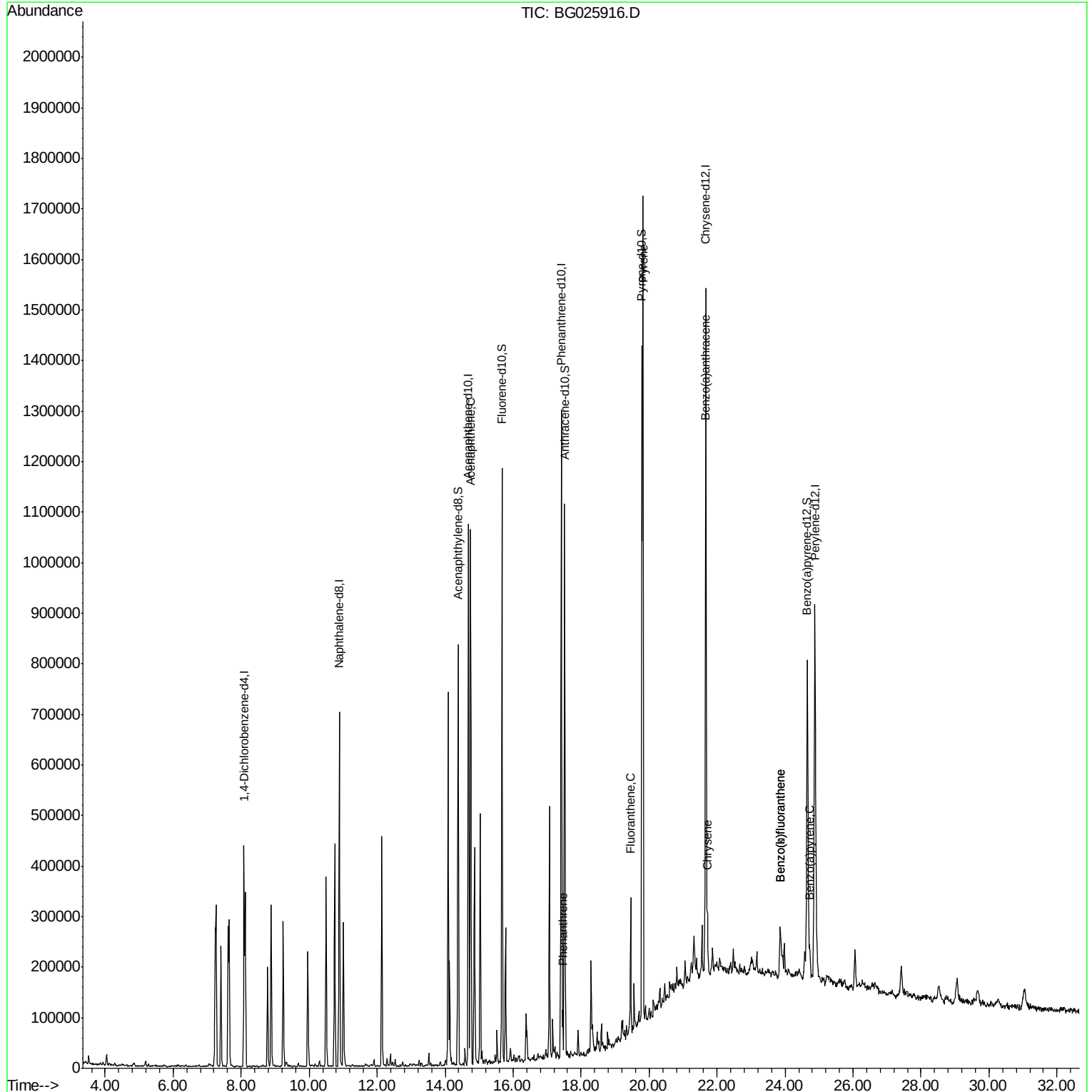
Quant Time: Feb 21 23:49:38 2017

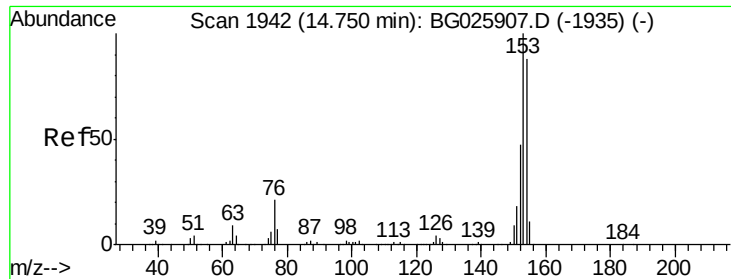
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 21 23:44:02 2017

Response via : Initial Calibration





#9

Acenaphthene

Concen: 20.29 ng/ul

RT: 14.75 min Scan# 1942

Delta R.T. -0.00 min

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BNA_G

ClientSampleId :

DABE5MS

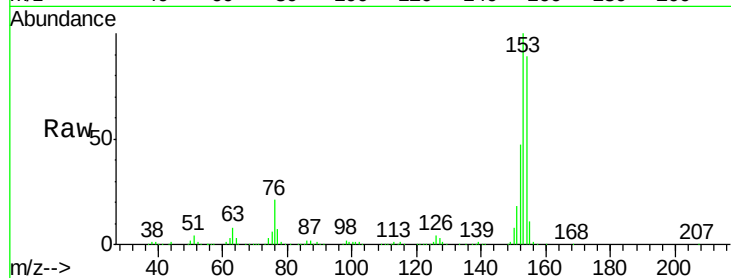
Tgt Ion:153 Resp: 454336

Ion Ratio Lower Upper

153 100

152 46.5 39.0 58.6

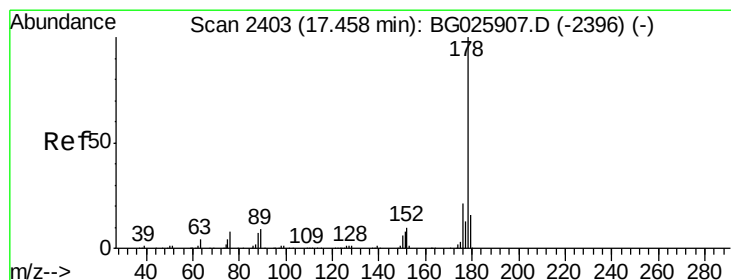
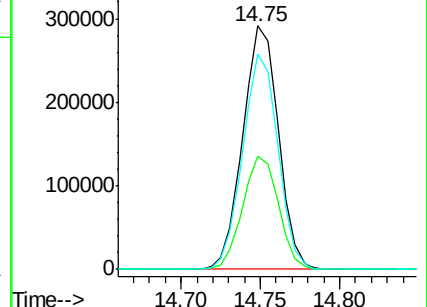
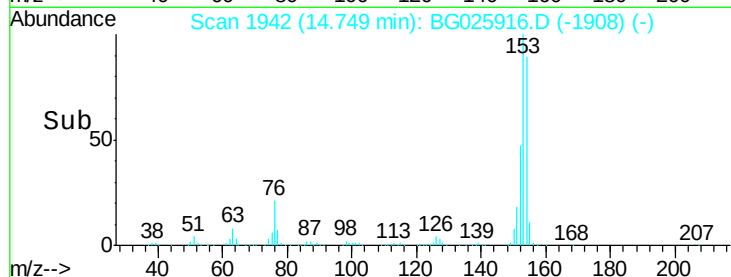
154 88.6 66.8 100.2



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: 1.30 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG025916.D

Acq: 21 Feb 2017 22:28

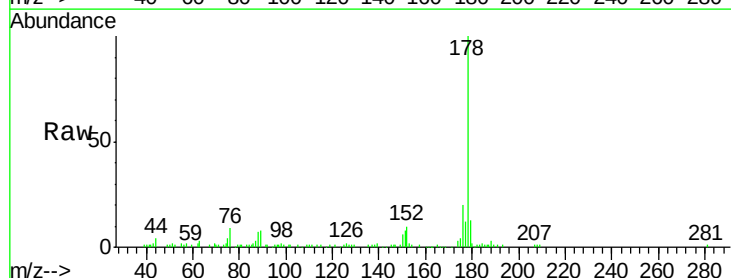
Tgt Ion:178 Resp: 55524

Ion Ratio Lower Upper

178 100

179 13.2 12.3 18.5

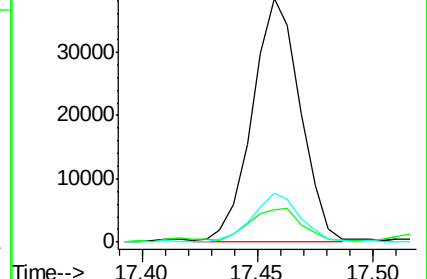
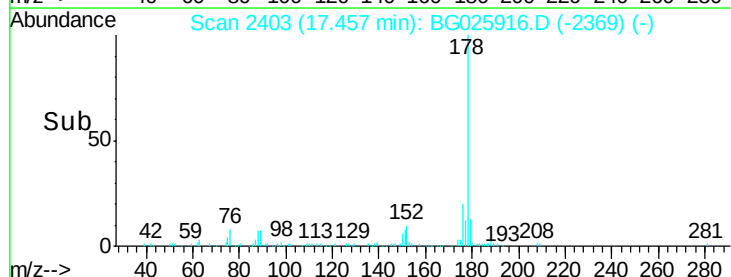
176 20.2 15.1 22.7

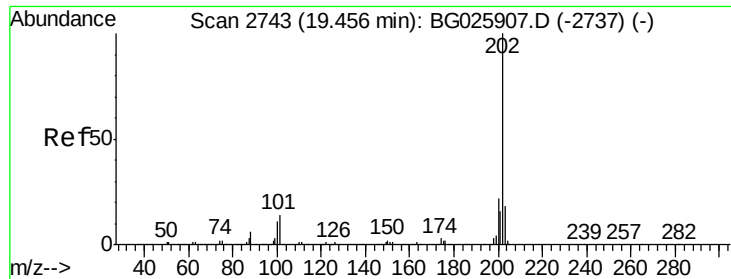


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

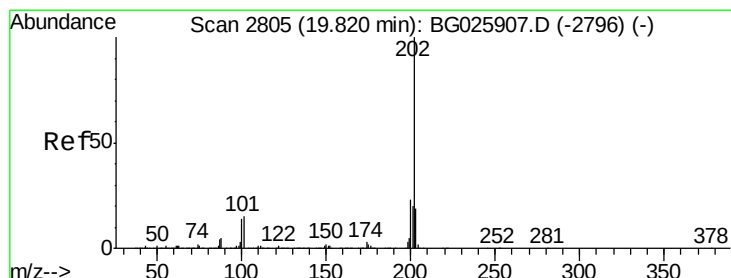
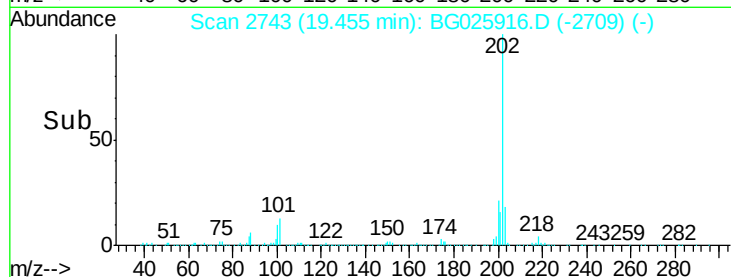
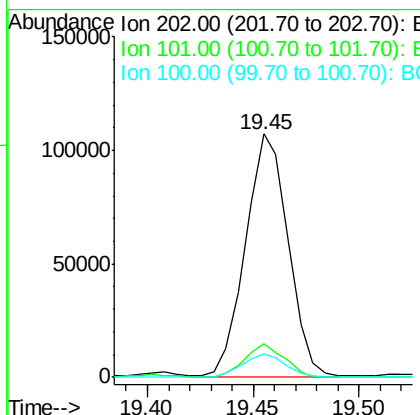
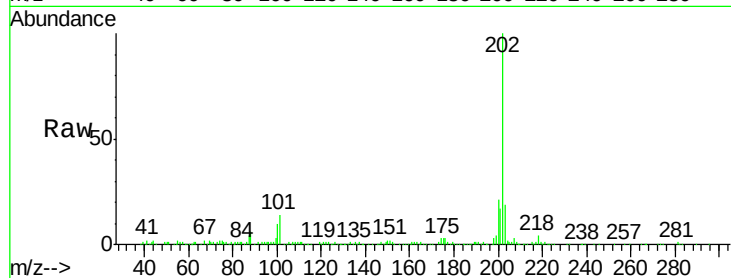




#16
Fluoranthene
Concen: 3.19 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

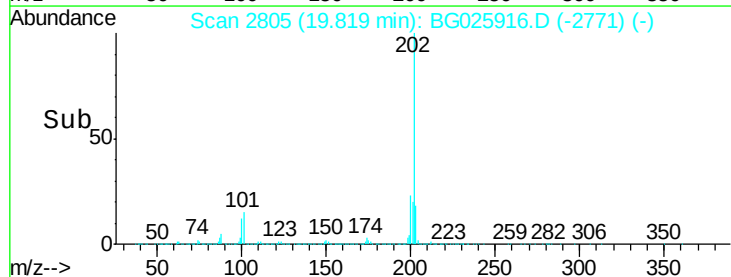
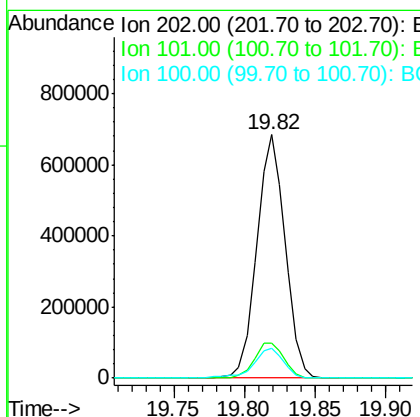
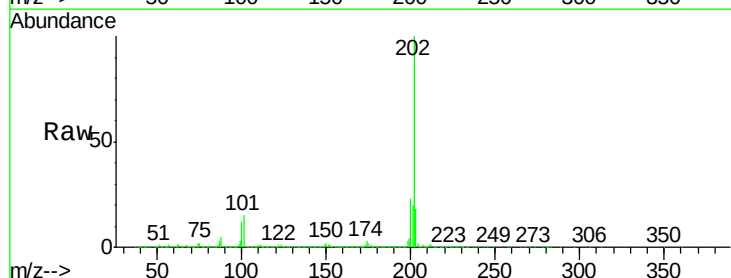
Instrument :
BNA_G
ClientSampleId :
DABE5MS

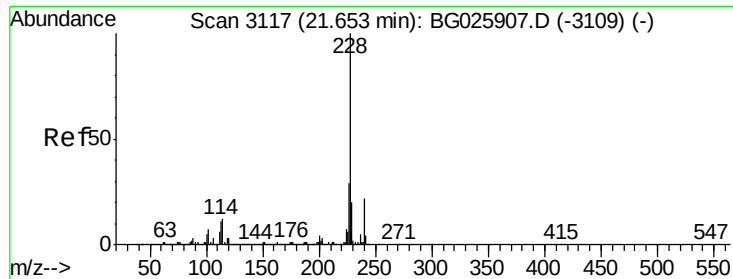
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.9	14.9
100	9.7	7.4	11.0



#19
Pyrene
Concen: 20.10 ng/ul
RT: 19.82 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BG025916.D
Acq: 21 Feb 2017 22:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.4
100	12.4	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 1.79 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG025916.D

Acq: 21 Feb 2017 22:28

Instrument :

BNA_G

ClientSampleId :

DABE5MS

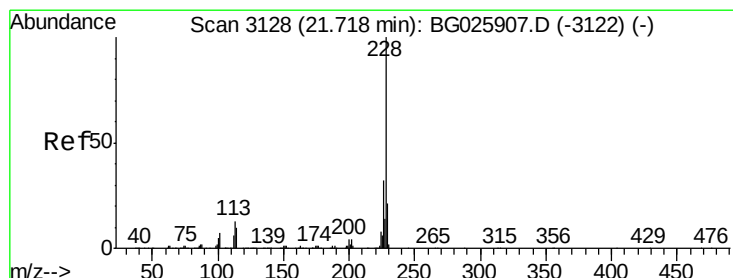
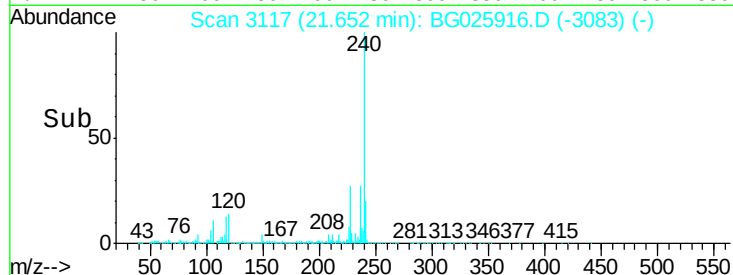
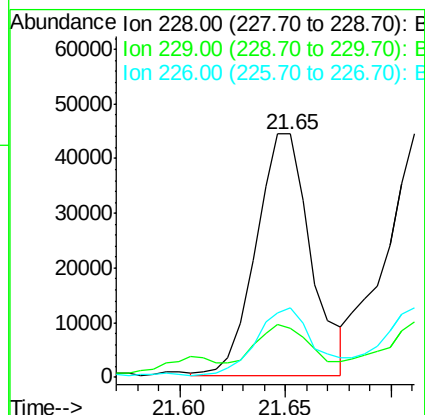
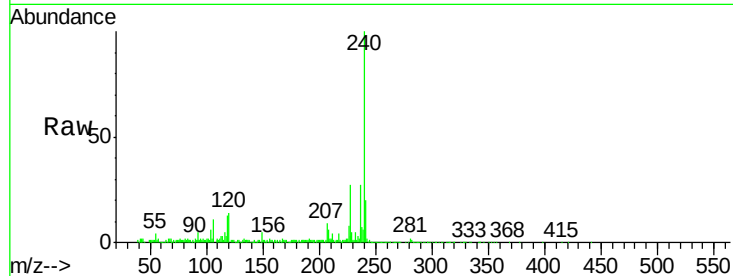
Tgt Ion:228 Resp: 79761

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 28.7 21.1 31.7



#21

Chrysene

Concen: 1.99 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG025916.D

Acq: 21 Feb 2017 22:28

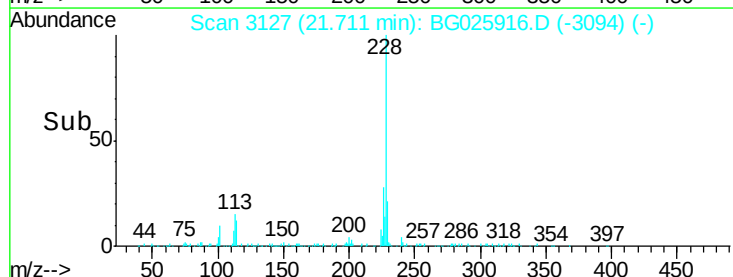
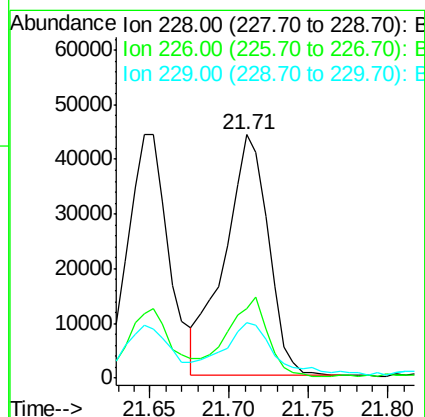
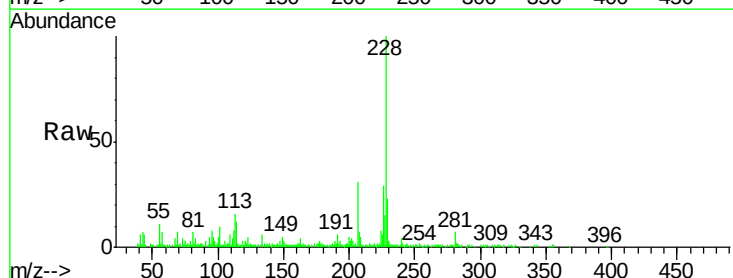
Tgt Ion:228 Resp: 84513

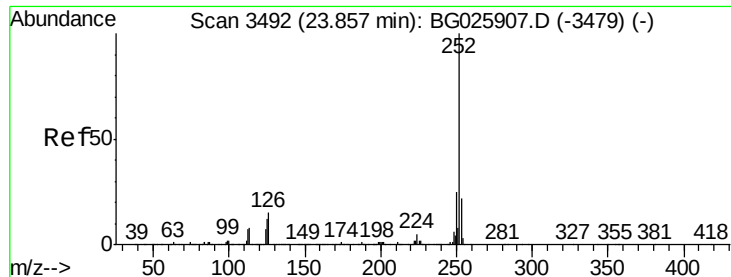
Ion Ratio Lower Upper

228 100

226 28.8 24.5 36.7

229 22.6 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 2.41 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. -0.00 min

Lab File: BG025916.D

Acq: 21 Feb 2017 22:28

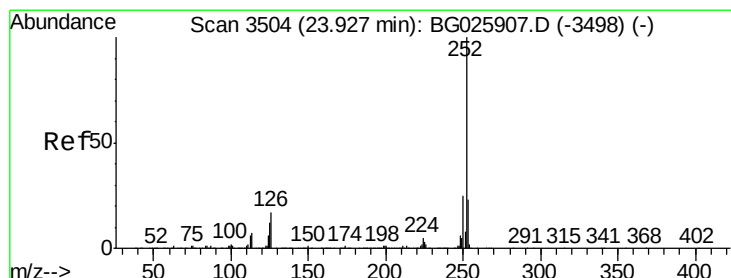
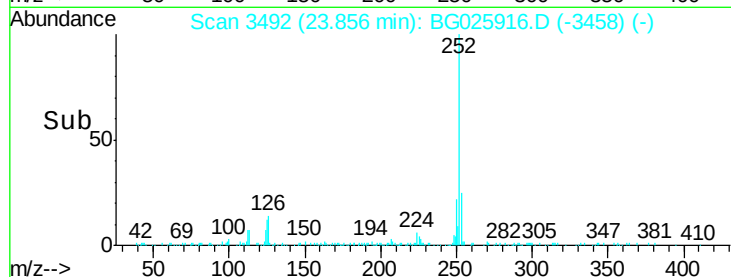
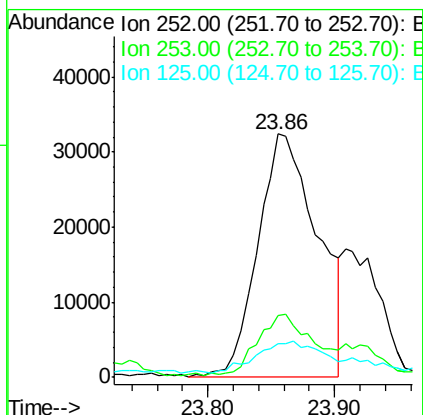
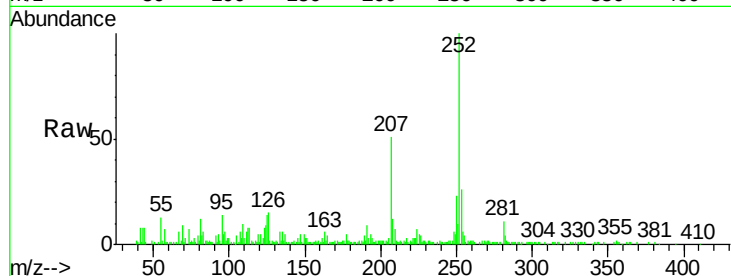
Instrument :

BNA_G

ClientSampleId :

DABE5MS

Tgt Ion:	252	Resp:	106161
Ion Ratio		Lower	Upper
252	100		
253	25.6	18.0	27.0
125	14.0	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 2.49 ng/ul

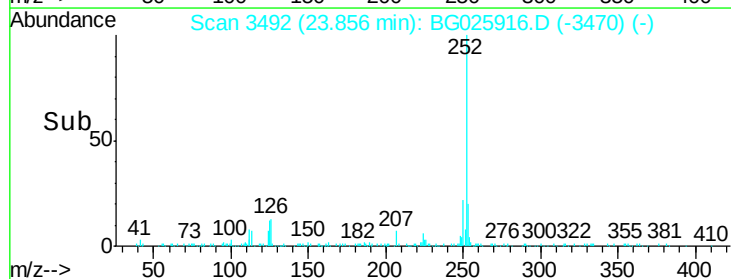
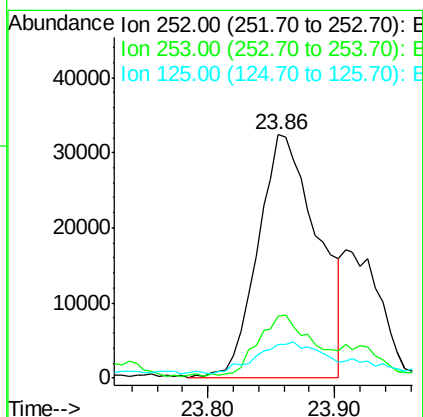
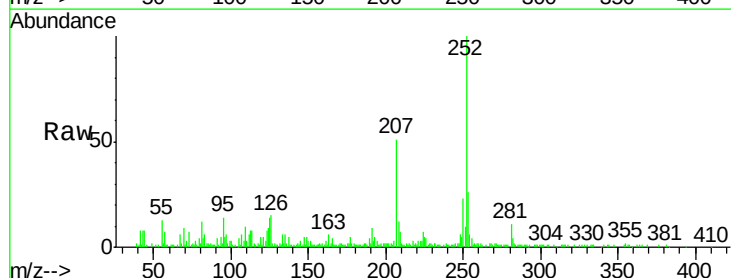
RT: 23.86 min Scan# 3492

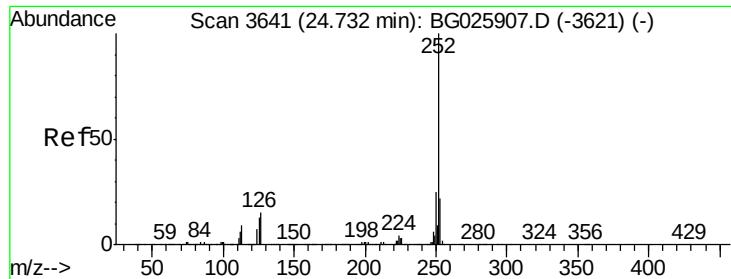
Delta R.T. -0.07 min

Lab File: BG025916.D

Acq: 21 Feb 2017 22:28

Tgt Ion:	252	Resp:	106161
Ion Ratio		Lower	Upper
252	100		
253	25.6	18.0	27.0
125	14.0	8.1	12.1#





#26
 Benzo(a)pyrene
 Concen: 1.50 ng/ul
 RT: 24.73 min Scan# 3640
 Delta R.T. -0.01 min
 Lab File: BG025916.D
 Acq: 21 Feb 2017 22:28

Instrument :
 BNA_G
 ClientSampleId :
 DABE5MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	14.1	8.2	12.4

