

Data File : BG025882.D
Acq On : 20 Feb 2017 20:45
Operator : SJ/MA
Sample : I1898-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABA7

Quant Time: Feb 21 02:28:08 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	116808	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	564537	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	360092	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	842243	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	810830	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	786529	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	632086	21.20	ng/ul	0.00
10) Fluorene-d10	15.67	176	486799	21.26	ng/ul	0.00
14) Anthracene-d10	17.51	188	735004	19.30	ng/ul	0.00
18) Pyrene-d10	19.79	212	757444	19.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	678285	19.49	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.94	128	29071	1.04	ng/ul	96
16) Fluoranthene	19.46	202	326837	6.62	ng/ul	98
19) Pyrene	19.81	202	262389	5.35	ng/ul#	94
20) Benzo(a)anthracene	21.71	228	184715	4.05	ng/ul	93
21) Chrysene	21.71	228	182463	4.19	ng/ul	97
23) Benzo(b)fluoranthene	23.86	252	286933	6.31	ng/ul#	97
24) Benzo(k)fluoranthene	23.86	252	286933	6.54	ng/ul#	97
26) Benzo(a)pyrene	24.71	252	178161	4.05	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	28.51	276	138840	2.70	ng/ul	94
29) Benzo(g,h,i)perylene	29.64	276	89776	2.11	ng/ul#	91

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

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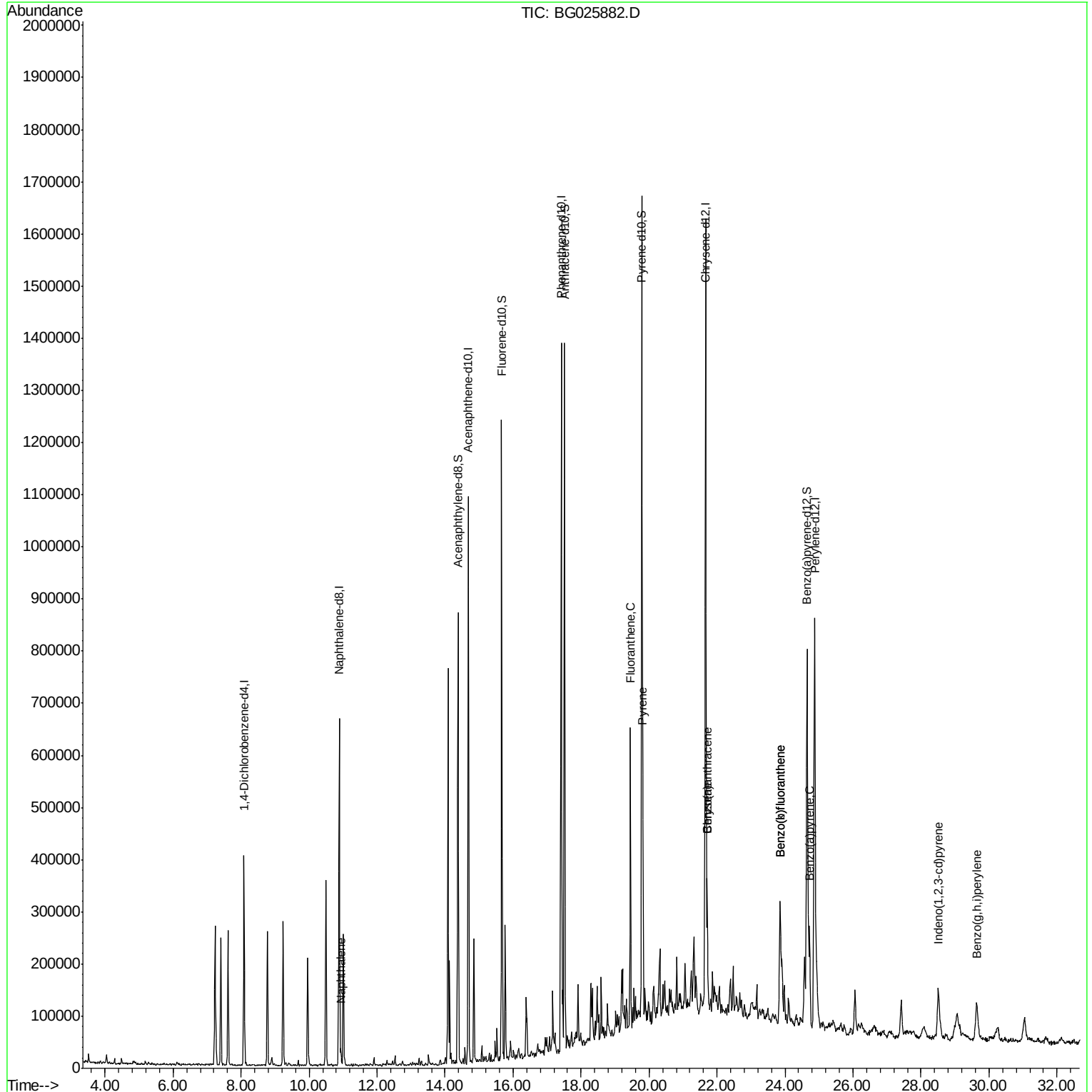
Quant Time: Feb 21 02:28:08 2017

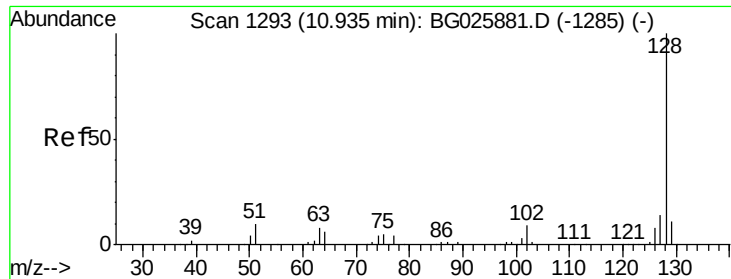
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#3

Naphthalene

Concen: 1.04 ng/ul

RT: 10.94 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Instrument :

BNA_G

ClientSampleId :

DABA7

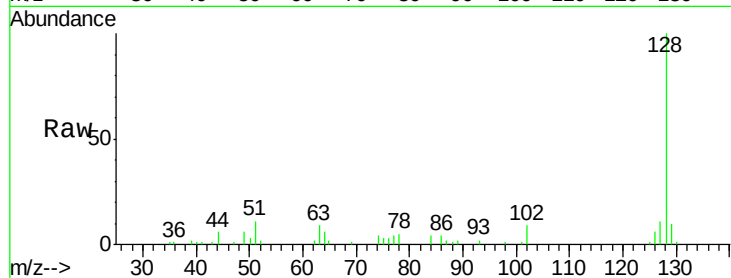
Tgt Ion:128 Resp: 29071

Ion Ratio Lower Upper

128 100

129 10.2 8.7 13.1

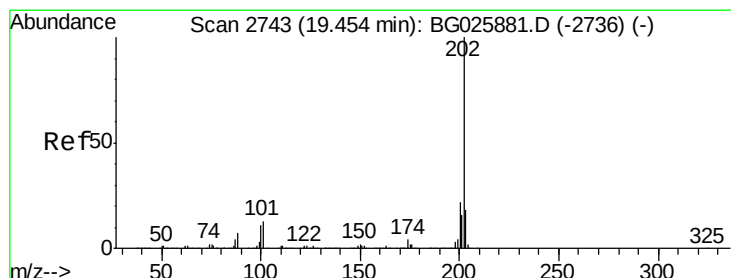
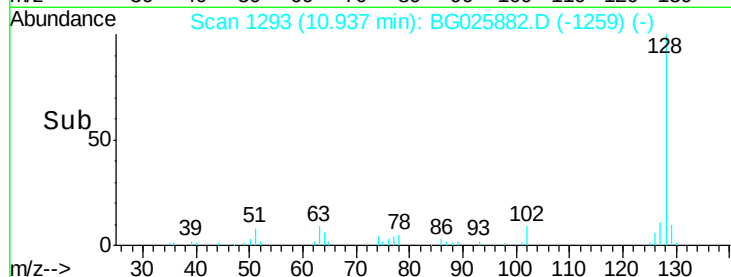
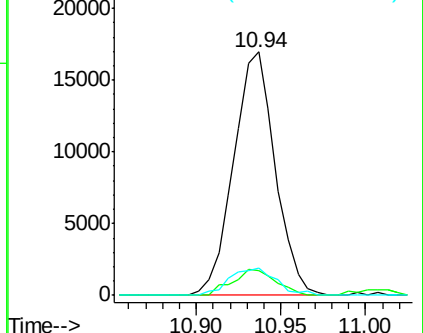
127 11.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#16

Fluoranthene

Concen: 6.62 ng/ul

RT: 19.46 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

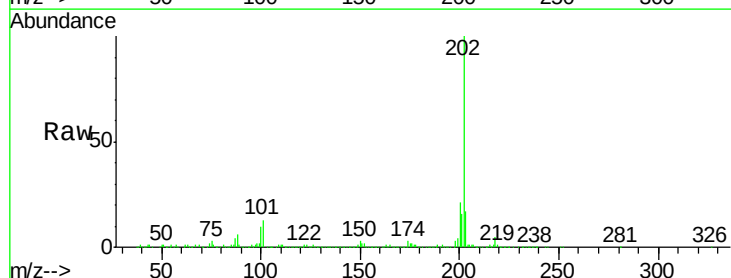
Tgt Ion:202 Resp: 326837

Ion Ratio Lower Upper

202 100

101 13.3 9.9 14.9

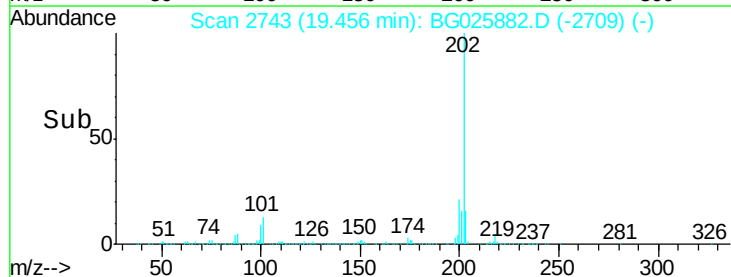
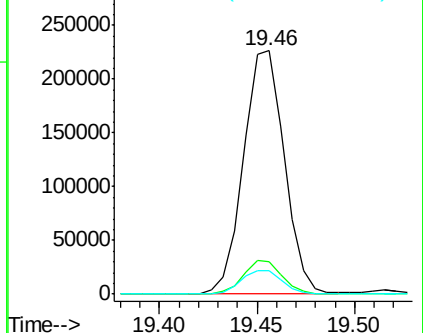
100 9.6 7.4 11.0

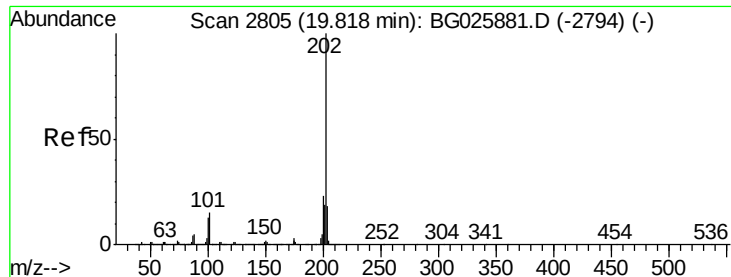


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

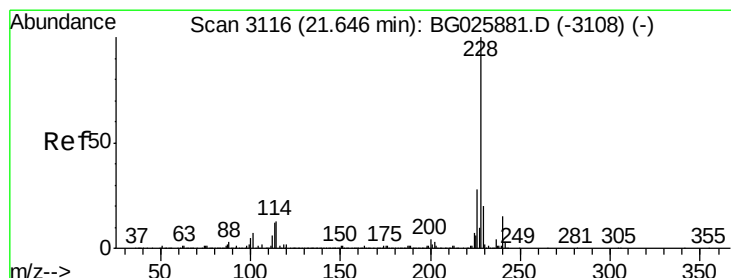
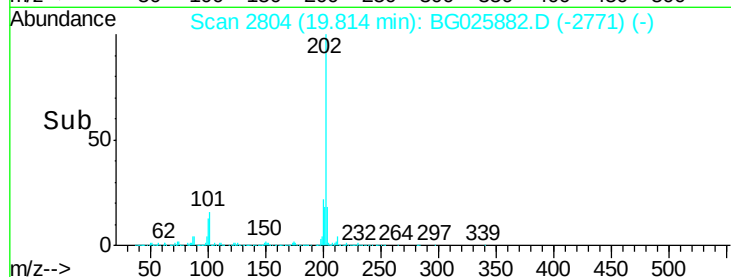
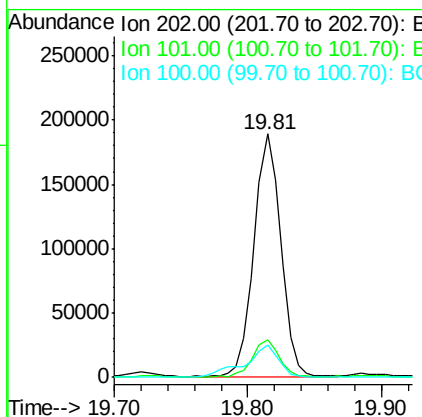
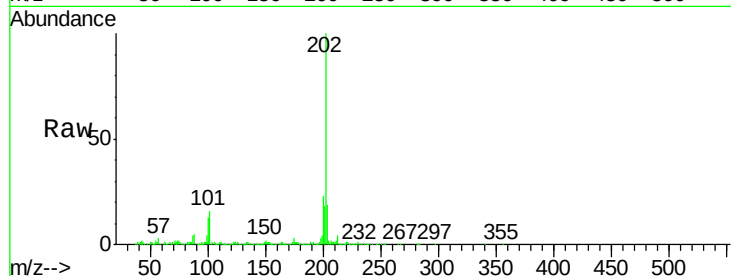




#19
 Pyrene
 Concen: 5.35 ng/ul
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

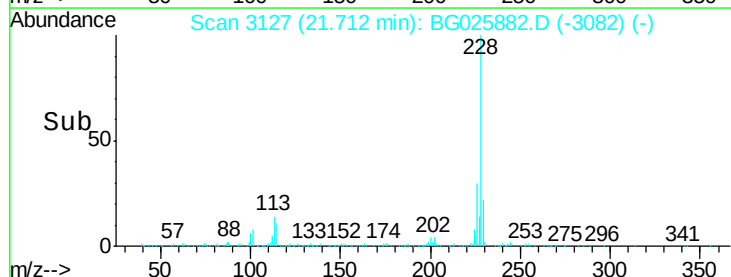
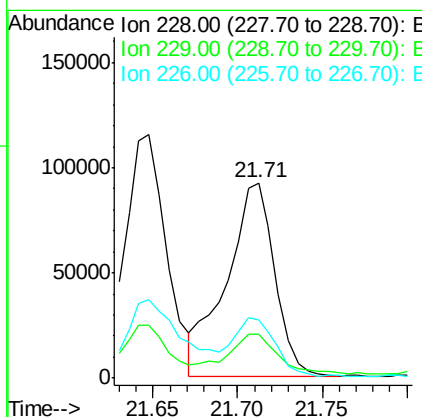
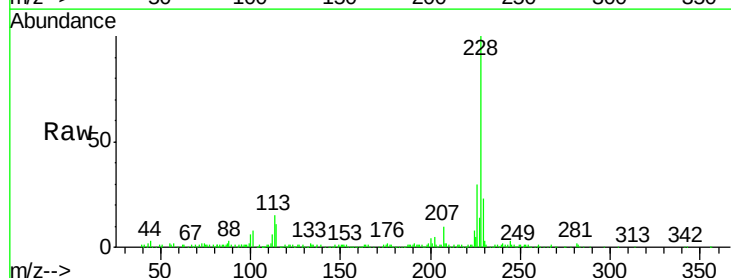
Instrument :
 BNA_G
 ClientSampleId :
 DABA7

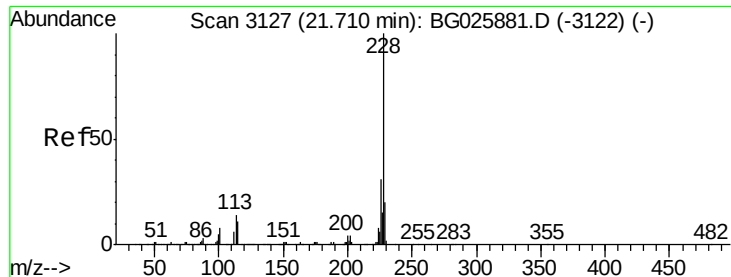
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	11.0	16.4
100	13.1	8.1	12.1



#20
 Benzo(a)anthracene
 Concen: 4.05 ng/ul
 RT: 21.71 min Scan# 3127
 Delta R.T. 0.07 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	30.0	21.1	31.7





#21

Chrysene

Concen: 4.19 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Instrument :

BNA_G

ClientSampleId :

DABA7

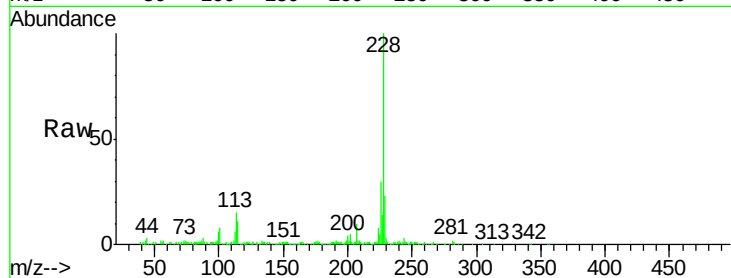
Tgt Ion:228 Resp: 182463

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

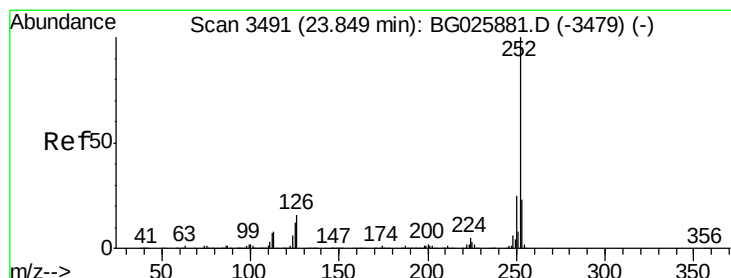
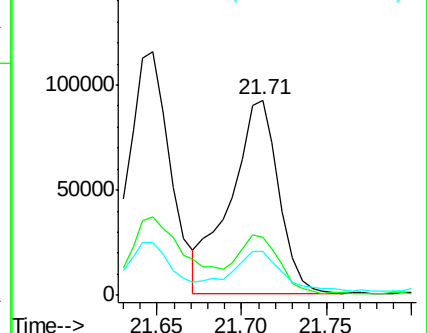
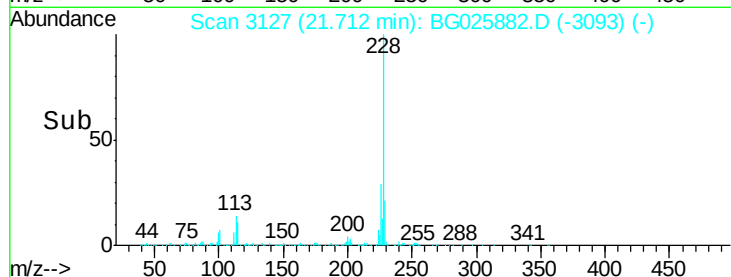
229 22.6 15.8 23.8



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: 6.31 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

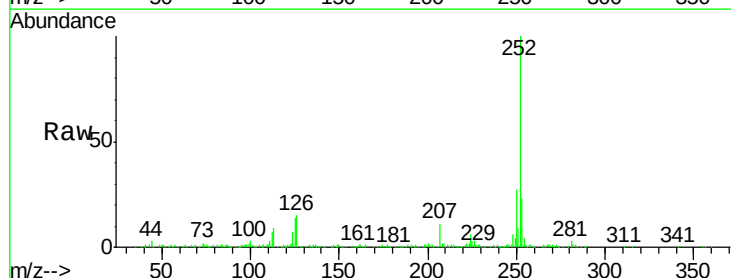
Tgt Ion:252 Resp: 286933

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

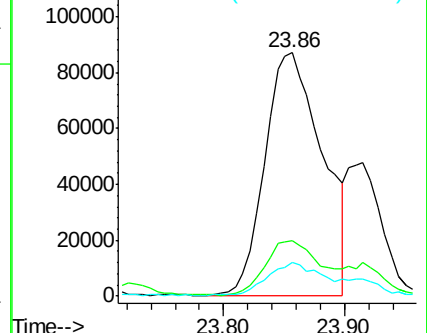
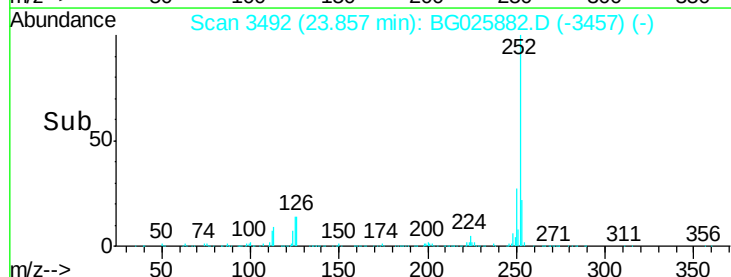
125 13.8 8.0 12.0#

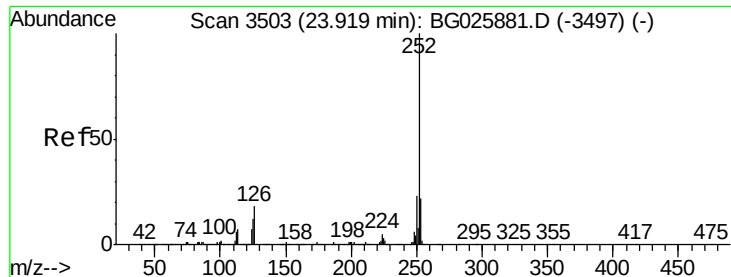


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 6.54 ng/ul

RT: 23.86 min Scan# 3492

Delta R.T. -0.06 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

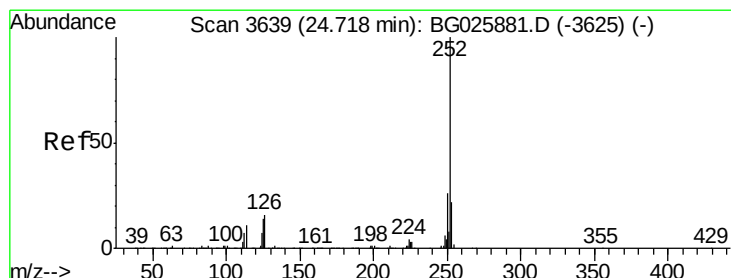
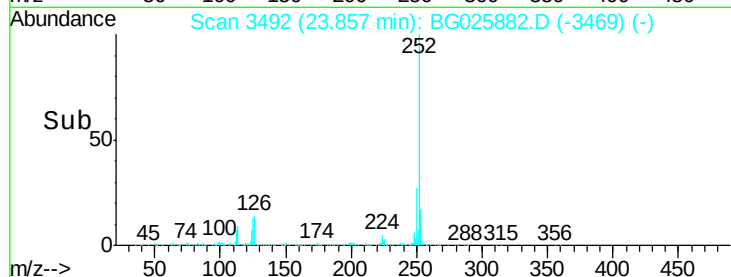
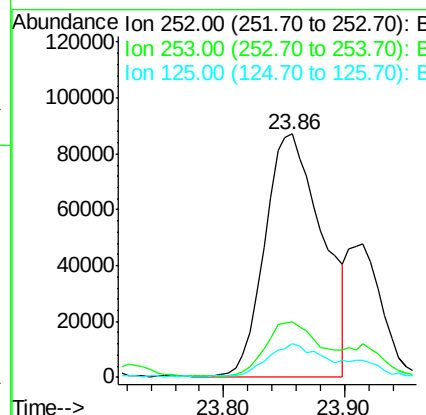
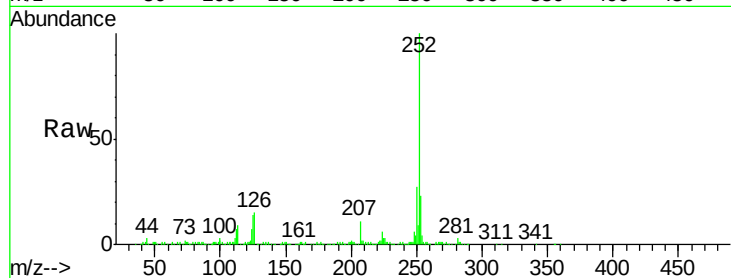
Instrument :

BNA_G

ClientSampleId :

DABA7

Tgt Ion:	252	Resp:	286933
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	13.8	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 4.05 ng/ul

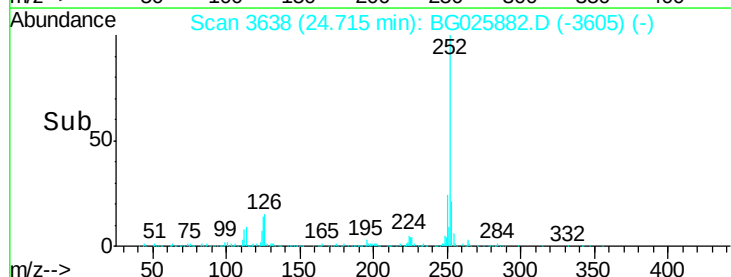
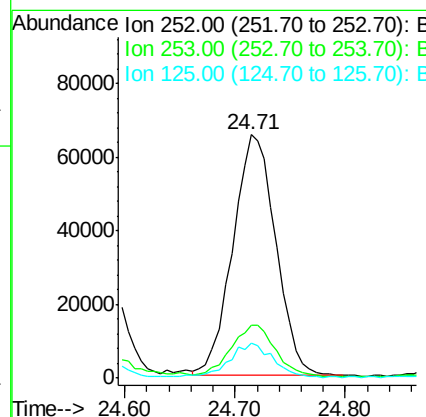
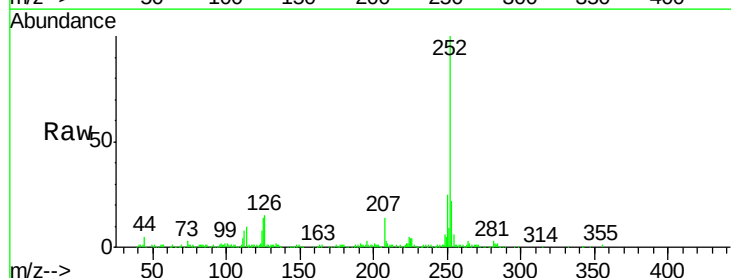
RT: 24.71 min Scan# 3638

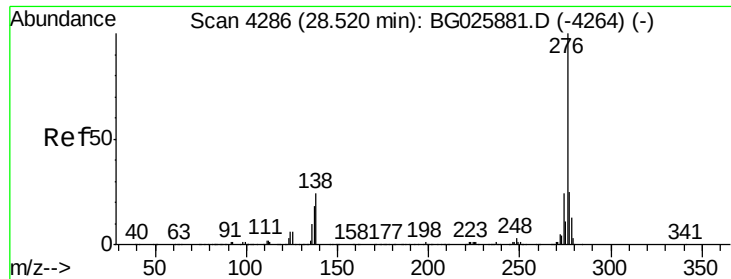
Delta R.T. -0.00 min

Lab File: BG025882.D

Acq: 20 Feb 2017 20:45

Tgt Ion:	252	Resp:	178161
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	14.3	8.2	12.4#

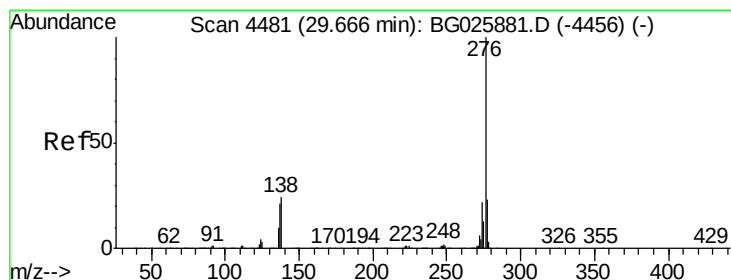
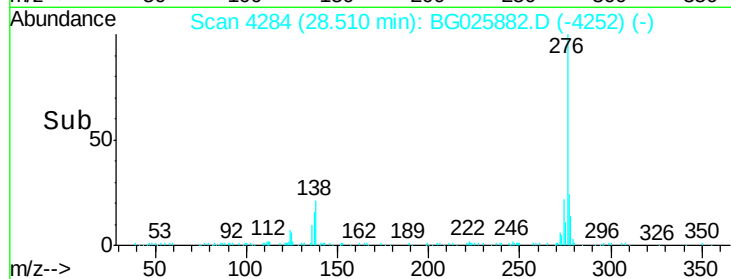
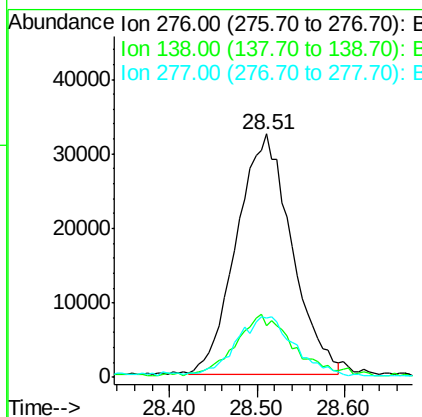
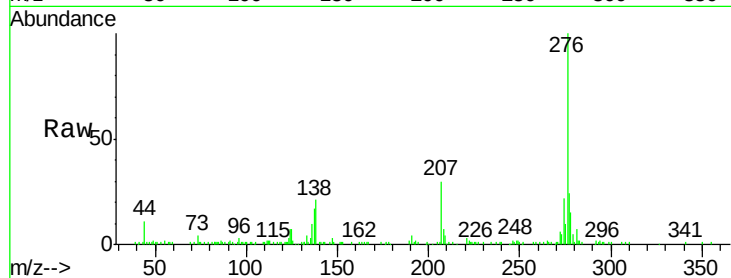




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng/ul
 RT: 28.51 min Scan# 4284
 Delta R.T. -0.01 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Instrument :
 BNA_G
 ClientSampleId :
 DABA7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	14.4	21.6
277	24.3	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.11 ng/ul
 RT: 29.64 min Scan# 4477
 Delta R.T. -0.02 min
 Lab File: BG025882.D
 Acq: 20 Feb 2017 20:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	15.3	22.9#
277	21.1	19.0	28.4

