

Data File : BG025887.D
Acq On : 21 Feb 2017 00:02
Operator : SJ/MA
Sample : I1898-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABB1

Quant Time: Feb 21 02:29:04 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	134732	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	679897	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	428533	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.41	188	933452	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	909833	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	872306	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1016203	28.63	ng/ul	0.00
10) Fluorene-d10	15.67	176	738005	27.08	ng/ul	0.00
14) Anthracene-d10	17.51	188	1054944	25.00	ng/ul	0.00
18) Pyrene-d10	19.79	212	1070106	24.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.65	264	980692	25.40	ng/ul	0.00

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	133153	2.67	ng/ul	99
16) Fluoranthene	19.45	202	300124	5.48	ng/ul	98
19) Pyrene	19.82	202	249073	4.52	ng/ul	96
20) Benzo(a)anthracene	21.65	228	147281	2.88	ng/ul	96
21) Chrysene	21.71	228	159648	3.26	ng/ul	98
23) Benzo(b)fluoranthene	23.85	252	237193	4.71	ng/ul#	95
24) Benzo(k)fluoranthene	23.85	252	237193	4.87	ng/ul#	95
26) Benzo(a)pyrene	24.72	252	142752	2.93	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	28.51	276	111120	1.95	ng/ul#	89
29) Benzo(g,h,i)perylene	29.64	276	52162	1.11	ng/ul	99

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

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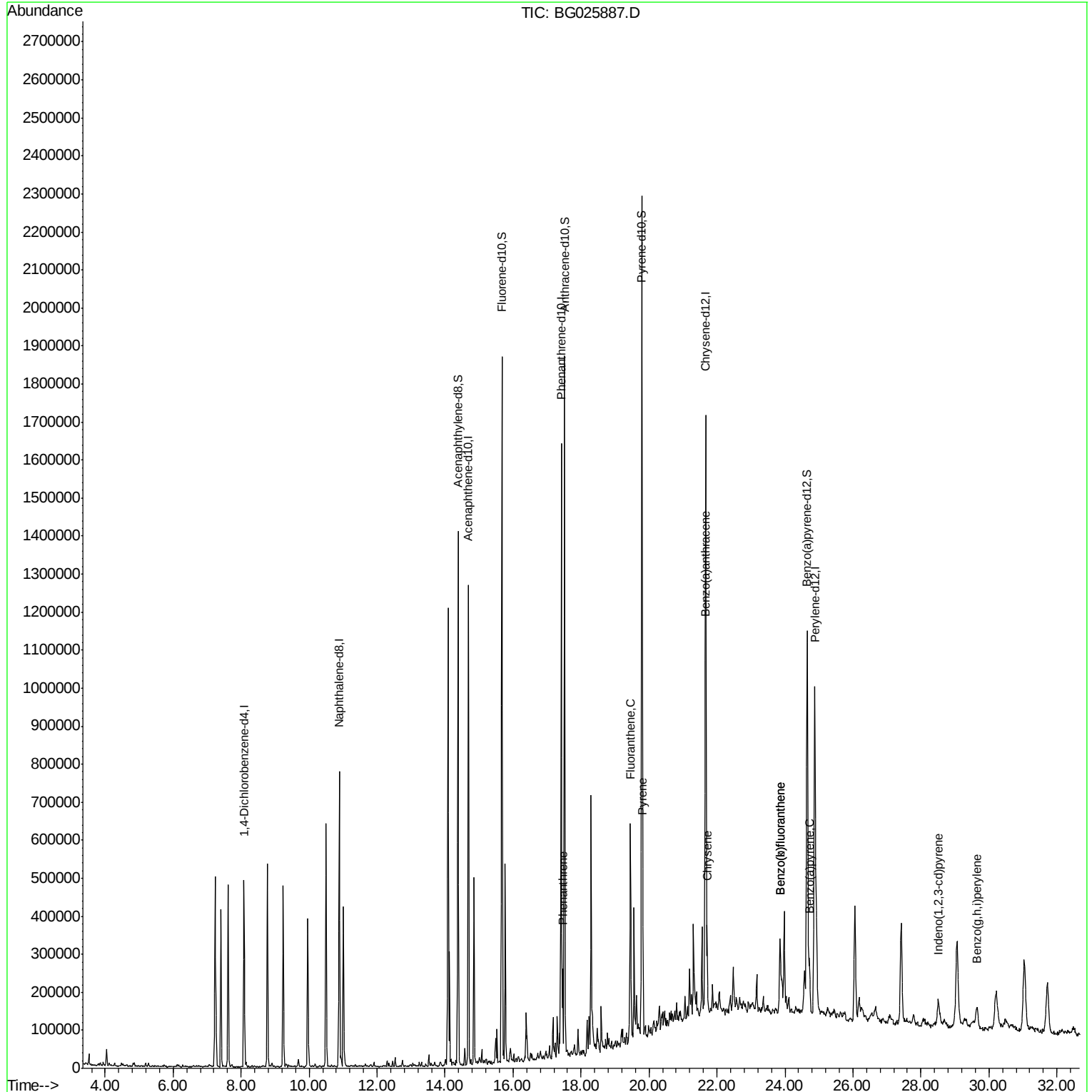
Quant Time: Feb 21 02:29:04 2017

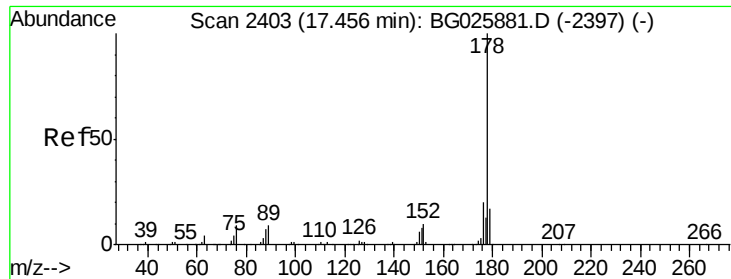
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

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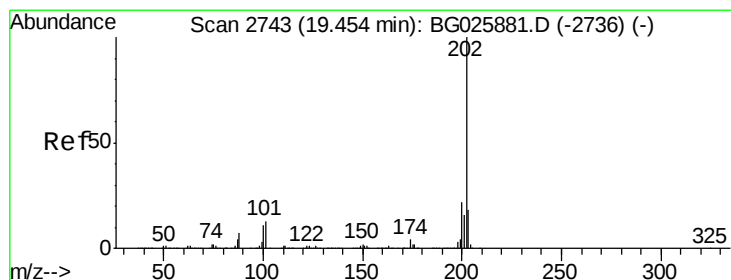
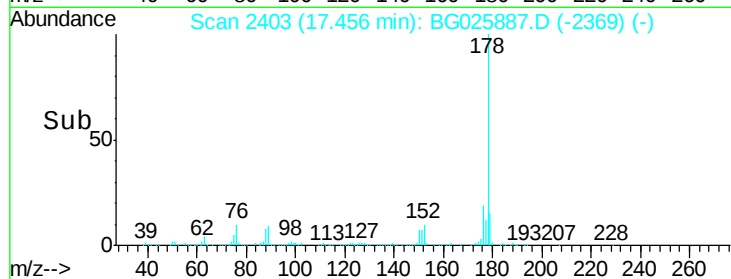
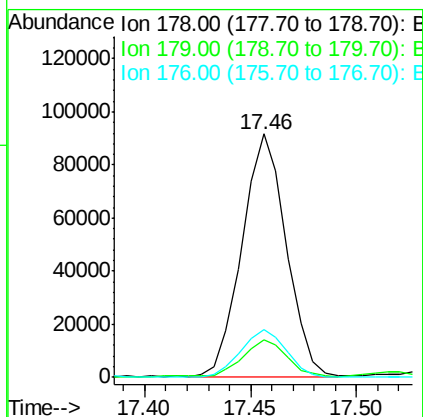
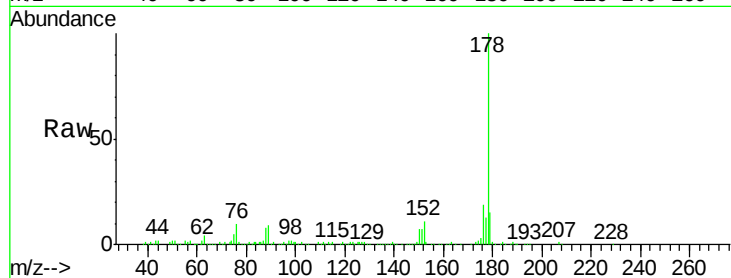




#13
Phenanthrene
Concen: 2.67 ng/ul
RT: 17.46 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

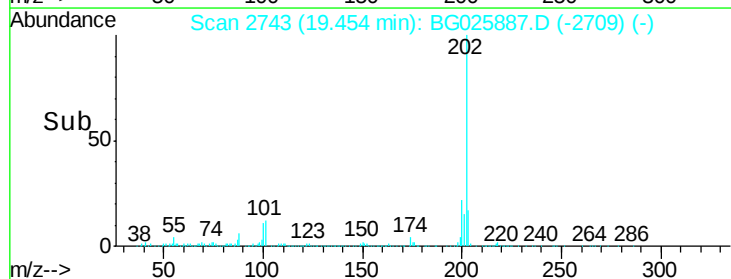
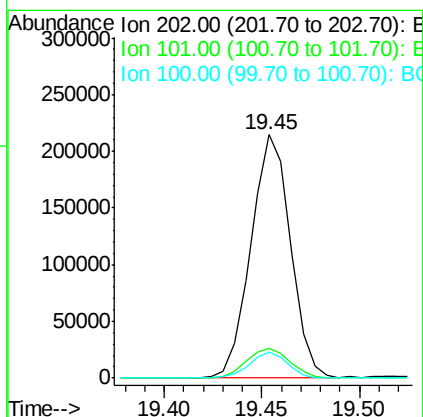
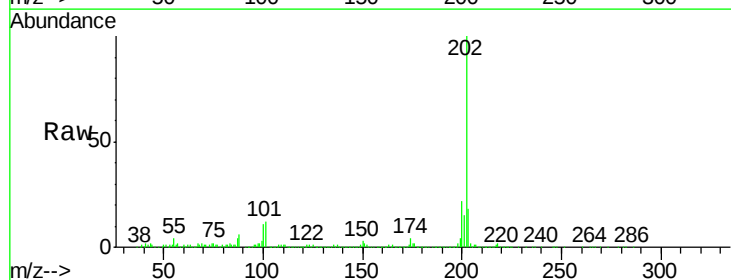
Instrument :
BNA_G
ClientSampleId :
DABB1

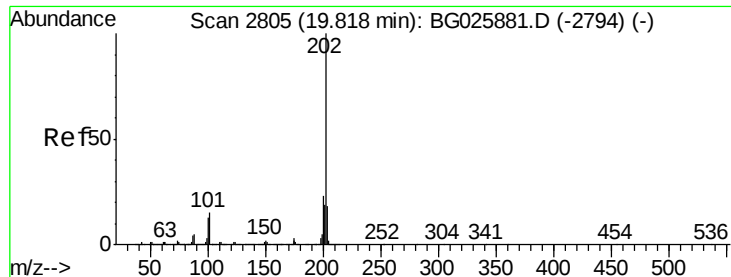
Tgt Ion:178 Resp: 133153
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.4 15.1 22.7



#16
Fluoranthene
Concen: 5.48 ng/ul
RT: 19.45 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion:202 Resp: 300124
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 10.8 7.4 11.0





#19

Pyrene

Concen: 4.52 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025887.D

Acq: 21 Feb 2017 00:02

Instrument :

BNA_G

ClientSampleId :

DABB1

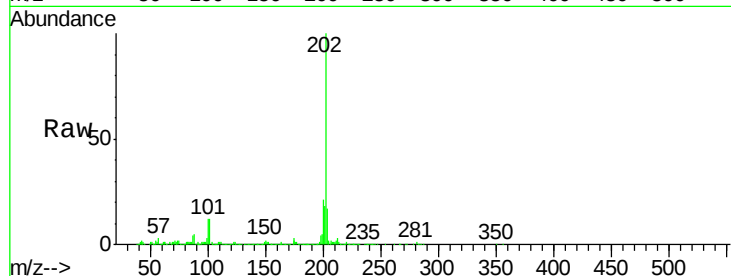
Tgt Ion:202 Resp: 249073

Ion Ratio Lower Upper

202 100

101 12.4 11.0 16.4

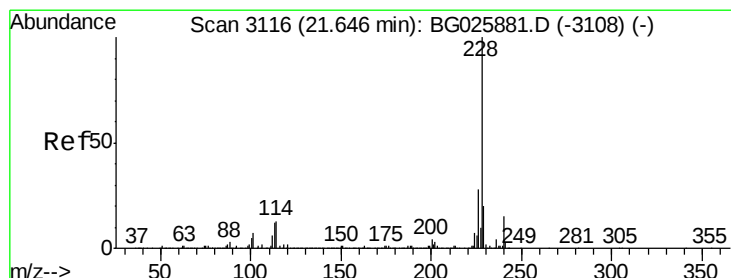
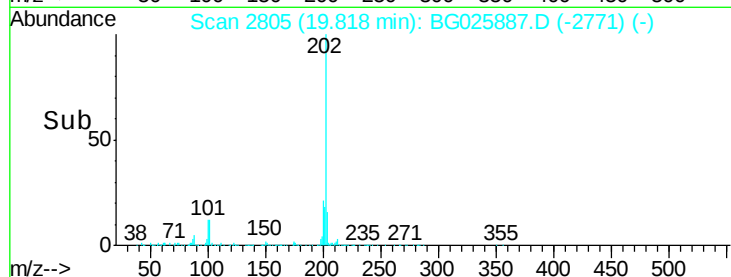
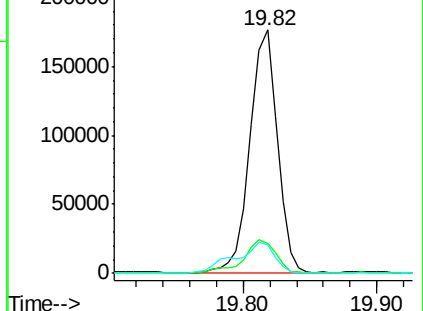
100 11.9 8.1 12.1



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: 2.88 ng/ul

RT: 21.65 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BG025887.D

Acq: 21 Feb 2017 00:02

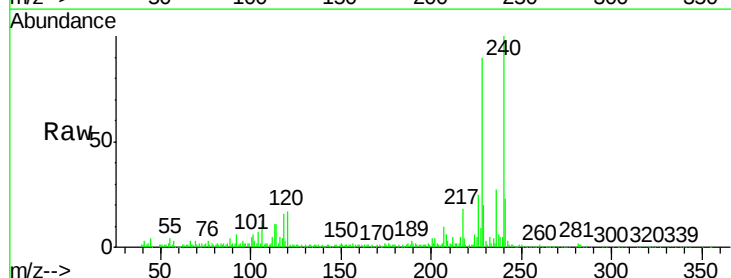
Tgt Ion:228 Resp: 147281

Ion Ratio Lower Upper

228 100

229 22.0 15.7 23.5

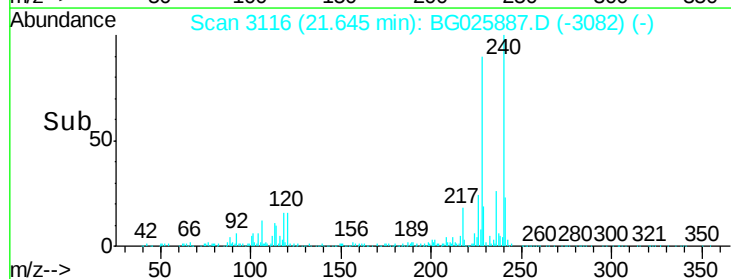
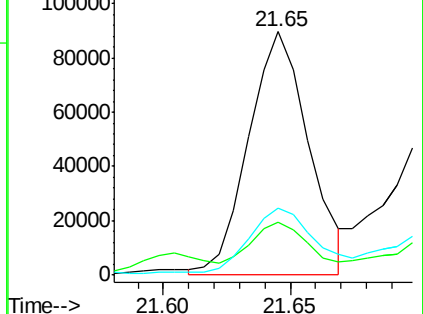
226 27.6 21.1 31.7

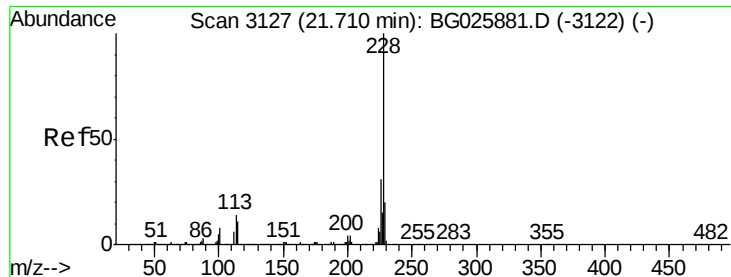


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.26 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025887.D

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Instrument :

BNA_G

ClientSampleId :

DABB1

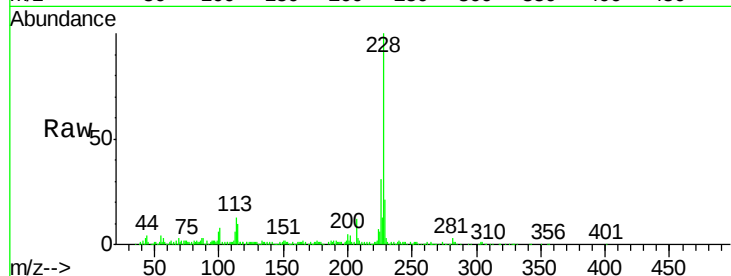
Tgt Ion:228 Resp: 159648

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

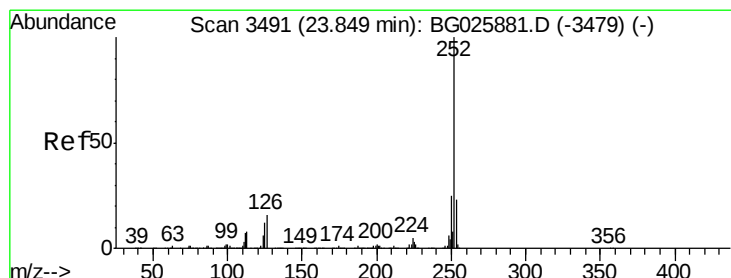
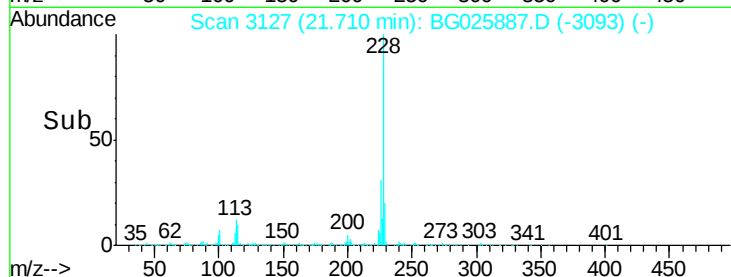
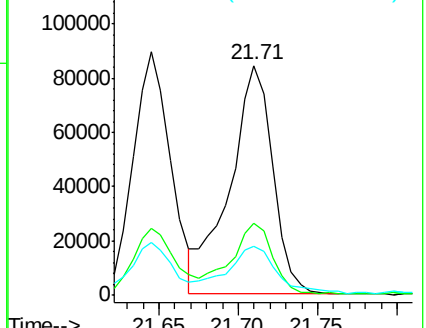
229 21.2 15.8 23.8



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: 4.71 ng/ul

RT: 23.85 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BG025887.D

Acq: 21 Feb 2017 00:02

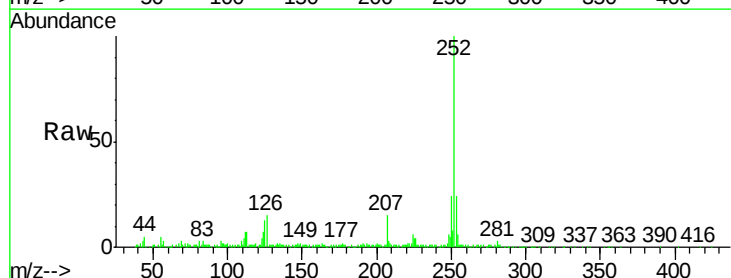
Tgt Ion:252 Resp: 237193

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

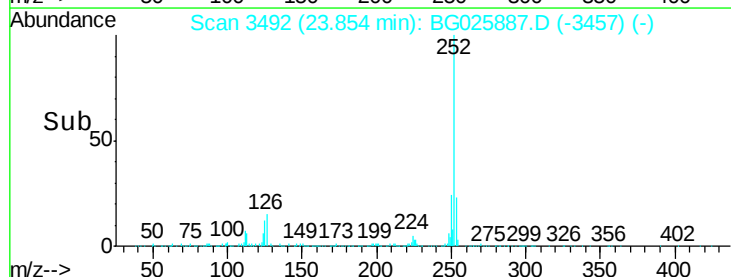
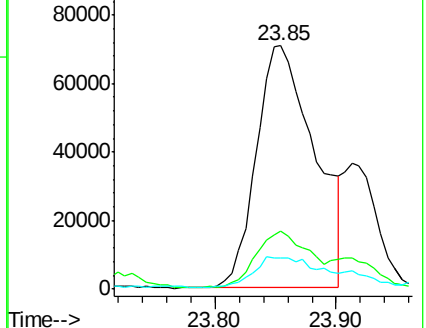
125 13.0 8.0 12.0#

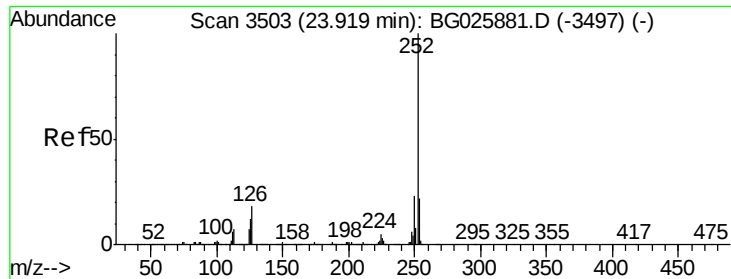


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

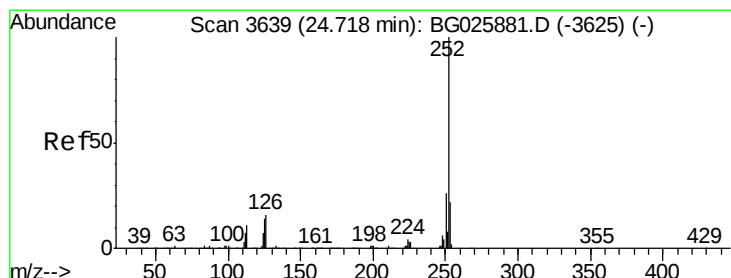
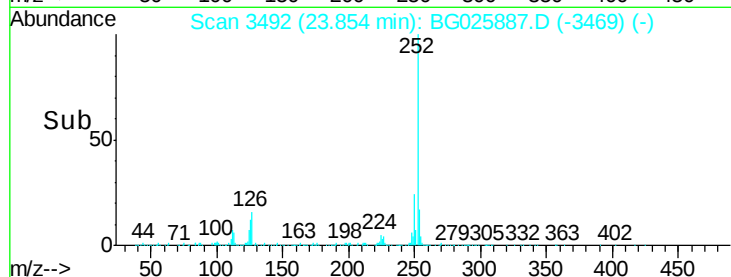
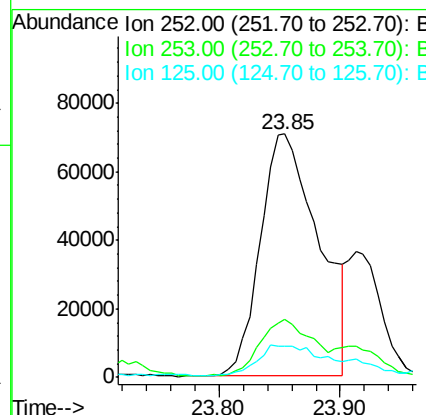
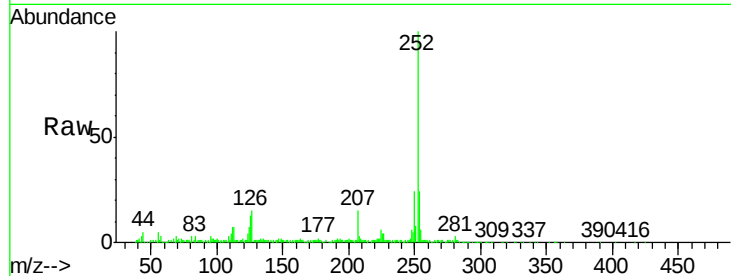




#24
Benzo(k)fluoranthene
Concen: 4.87 ng/ul
RT: 23.85 min Scan# 3492
Delta R.T. -0.07 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

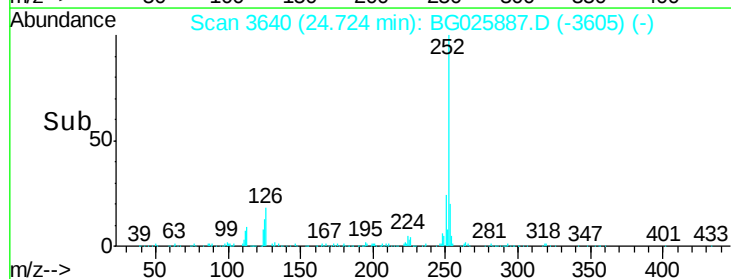
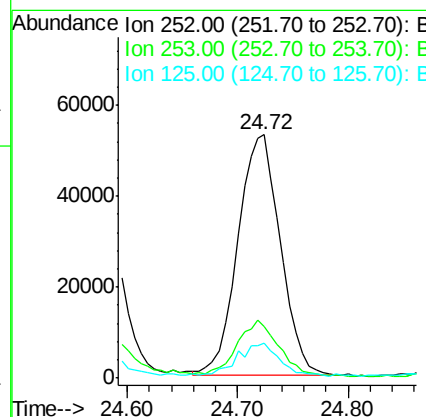
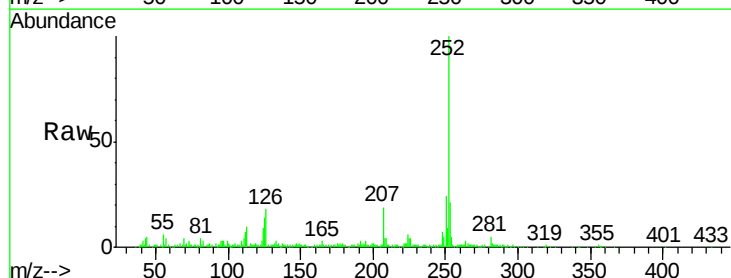
Instrument :
BNA_G
ClientSampleId :
DABB1

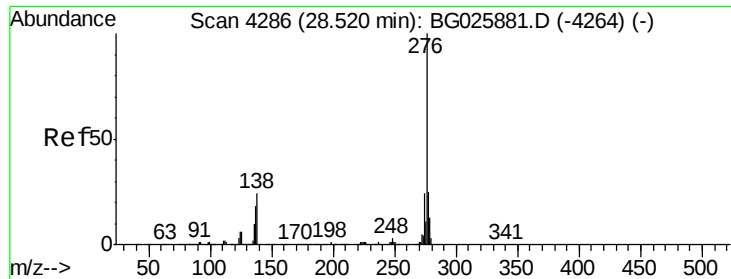
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	13.0	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 2.93 ng/ul
RT: 24.72 min Scan# 3640
Delta R.T. 0.01 min
Lab File: BG025887.D
Acq: 21 Feb 2017 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	14.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.95 ng/ul

RT: 28.51 min Scan# 4285

Delta R.T. -0.01 min

Lab File: BG025887.D

Acq: 21 Feb 2017 00:02

Instrument :

BNA_G

ClientSampleId :

DABB1

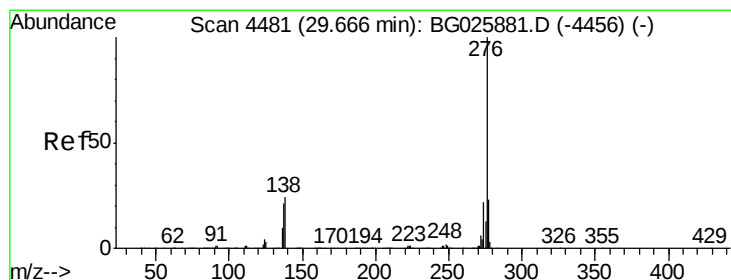
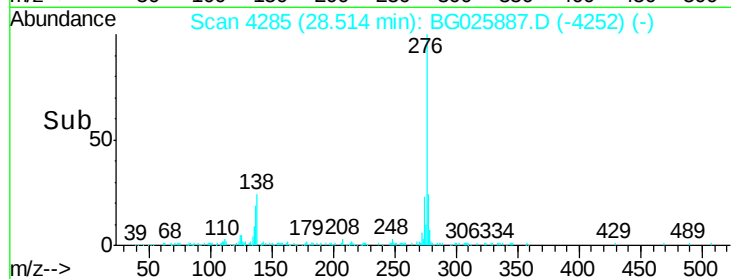
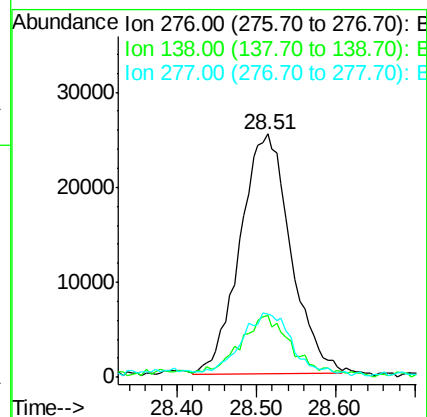
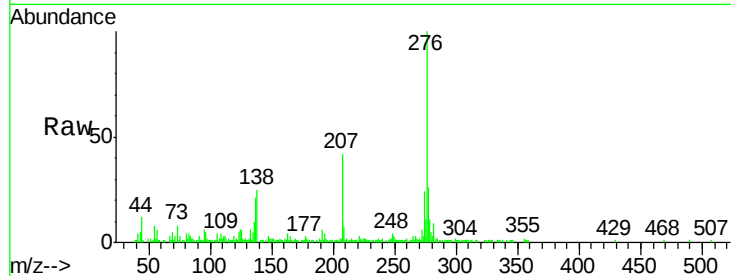
Tgt Ion:276 Resp: 111120

Ion Ratio Lower Upper

276 100

138 25.5 14.4 21.6#

277 25.7 18.0 27.0



#29

Benzo(g,h,i)perylene

Concen: 1.11 ng/ul

RT: 29.64 min Scan# 4476

Delta R.T. -0.03 min

Lab File: BG025887.D

Acq: 21 Feb 2017 00:02

Tgt Ion:276 Resp: 52162

Ion Ratio Lower Upper

276 100

138 19.4 15.3 22.9

277 22.7 19.0 28.4

