

Data File : BG025893.D
Acq On : 21 Feb 2017 3:58
Operator : SJ/MA
Sample : I1898-19
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABC2

Quant Time: Feb 21 04:50:17 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	168623	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	797281	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	440898	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	894708	20.00	ng/ul	0.00
17) Chrysene-d12	21.67	240	893428	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	855432	20.00	ng/ul	0.01

System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1192757	32.67	ng/ul	0.00
10) Fluorene-d10	15.67	176	837093	29.86	ng/ul	0.00
14) Anthracene-d10	17.51	188	1136382	28.09	ng/ul	0.00
18) Pyrene-d10	19.79	212	1164541	27.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	1076926	28.45	ng/ul	0.02

Target Compounds				Qvalue		
13) Phenanthrene	17.46	178	155033	3.25	ng/ul	98
16) Fluoranthene	19.45	202	430518	8.21	ng/ul	97
19) Pyrene	19.82	202	370979	6.86	ng/ul	98
20) Benzo(a)anthracene	21.65	228	216025	4.30	ng/ul	97
21) Chrysene	21.71	228	240727	5.01	ng/ul	96
23) Benzo(b)fluoranthene	23.86	252	427016	8.64	ng/ul#	94
24) Benzo(k)fluoranthene	23.92	252	135882	2.85	ng/ul#	87
26) Benzo(a)pyrene	24.73	252	261356	5.46	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.55	276	231225	4.13	ng/ul#	84
29) Benzo(g,h,i)perylene	29.69	276	260574	5.64	ng/ul#	87

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

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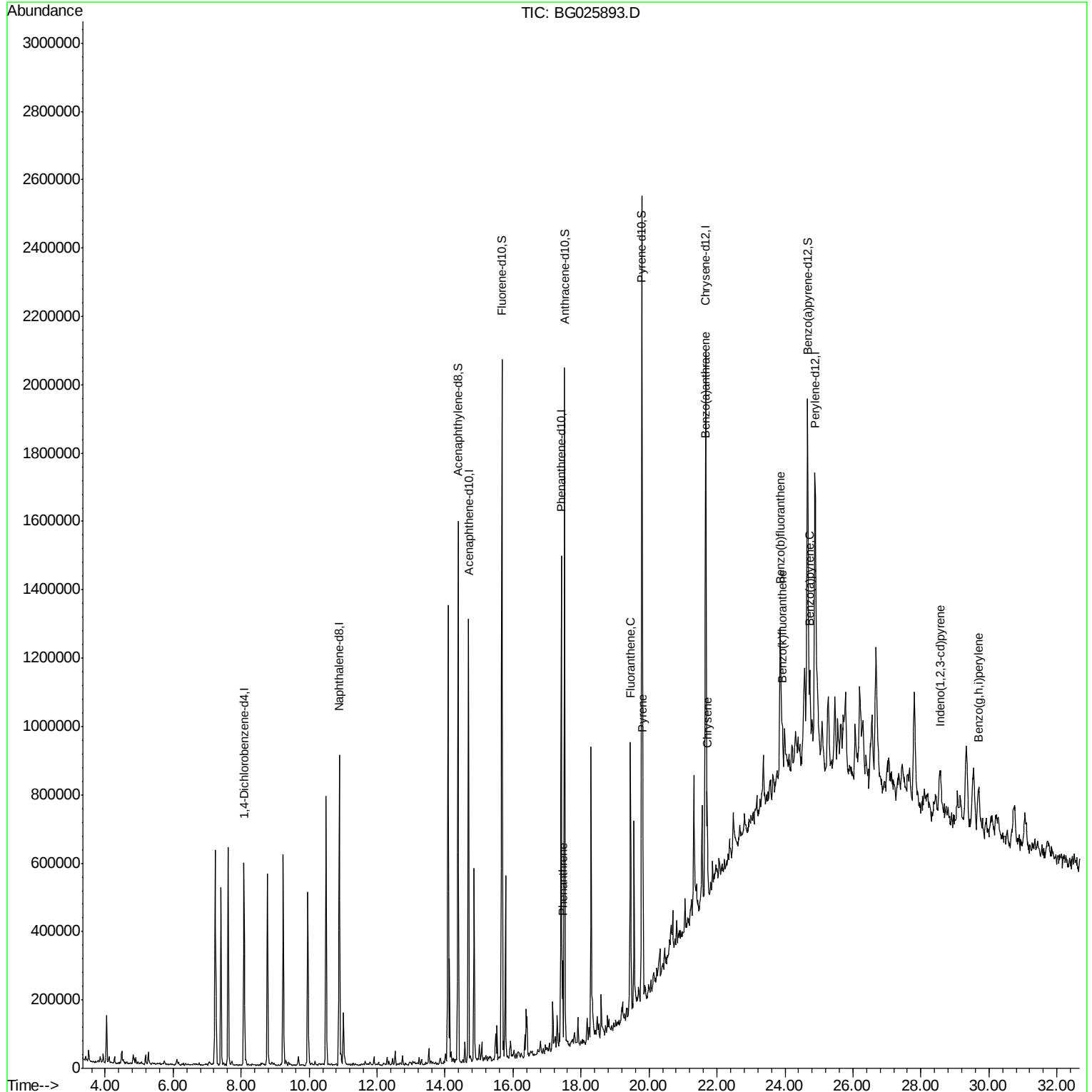
Quant Time: Feb 21 04:50:17 2017

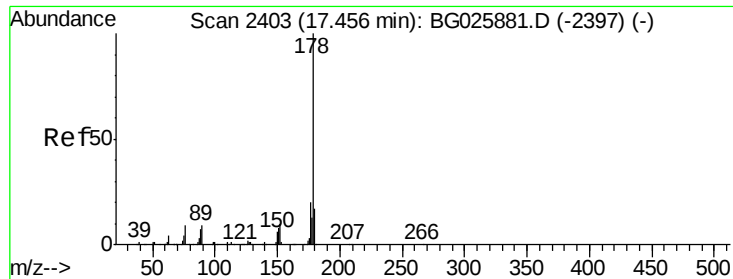
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.25 ng/ul

RT: 17.46 min Scan# 2403

Delta R.T. -0.00 min

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Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

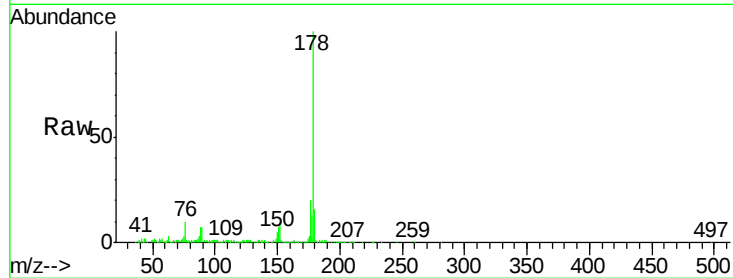
Tgt Ion:178 Resp: 155033

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

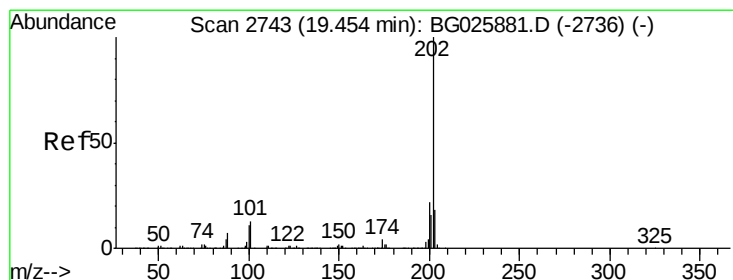
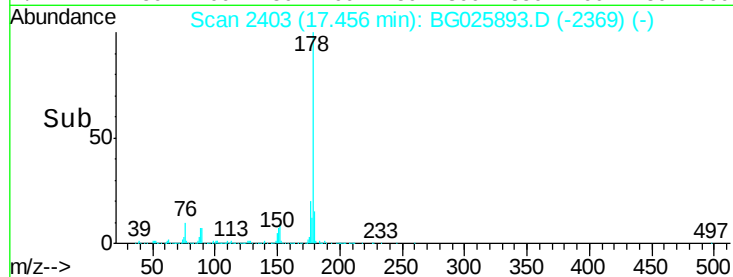
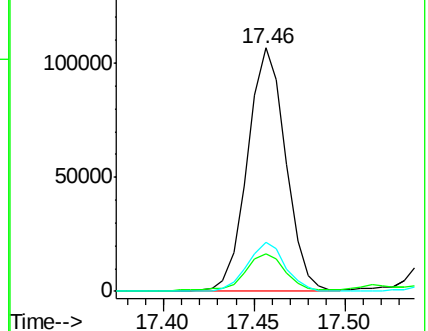
176 19.9 15.1 22.7



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: 8.21 ng/ul

RT: 19.45 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

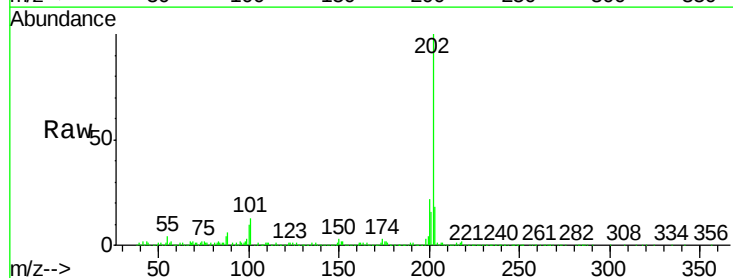
Tgt Ion:202 Resp: 430518

Ion Ratio Lower Upper

202 100

101 13.2 9.9 14.9

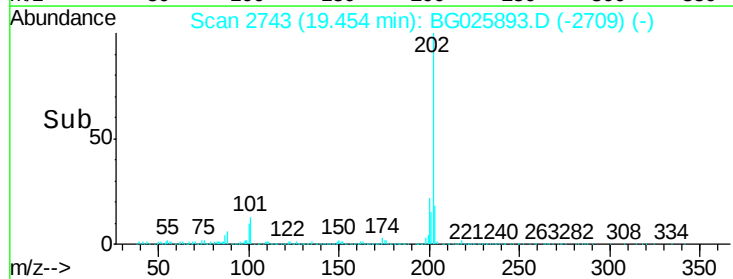
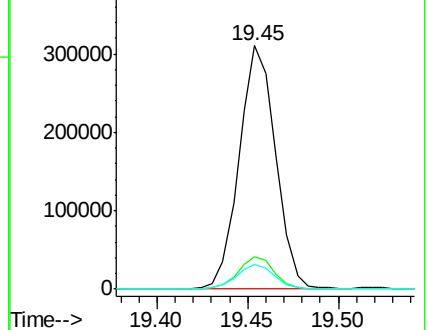
100 10.3 7.4 11.0

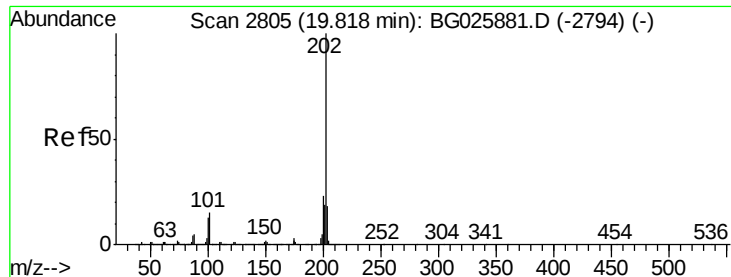


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 6.86 ng/ul

RT: 19.82 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

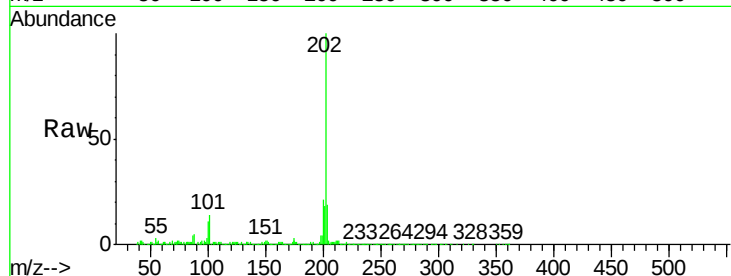
Tgt Ion:202 Resp: 370979

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.4

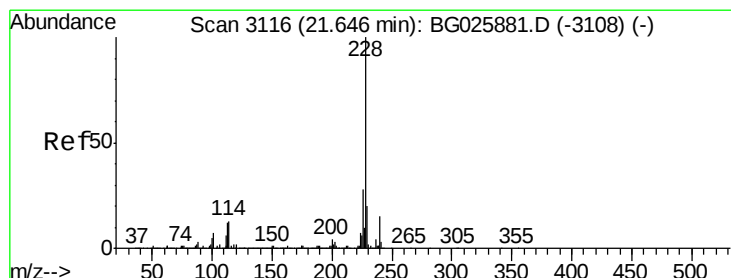
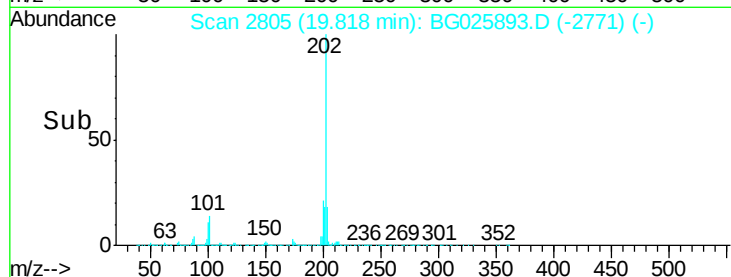
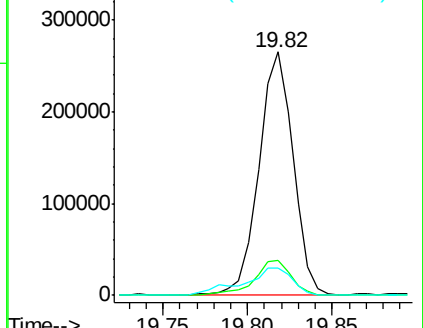
100 11.2 8.1 12.1



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): B



#20

Benzo(a)anthracene

Concen: 4.30 ng/ul

RT: 21.65 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

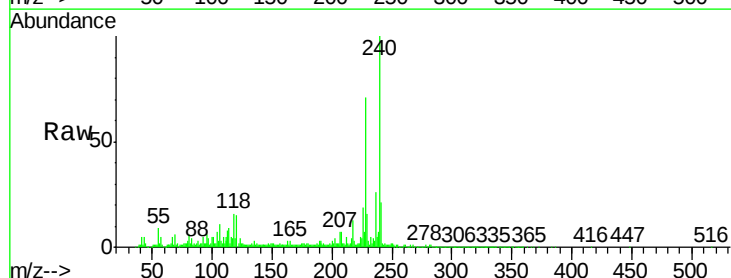
Tgt Ion:228 Resp: 216025

Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

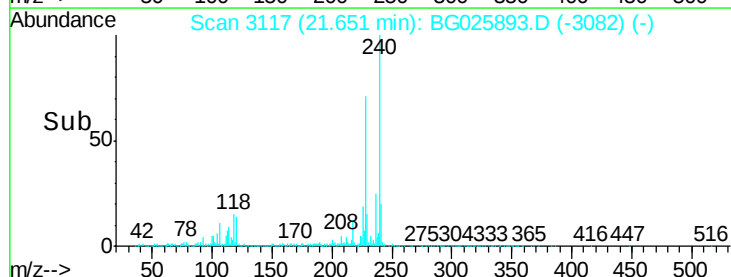
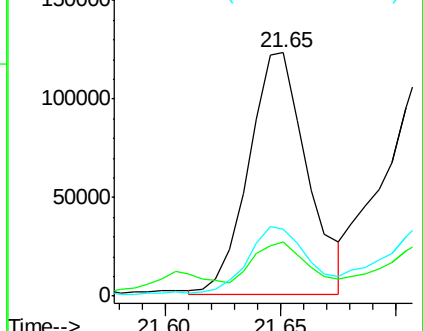
226 27.2 21.1 31.7

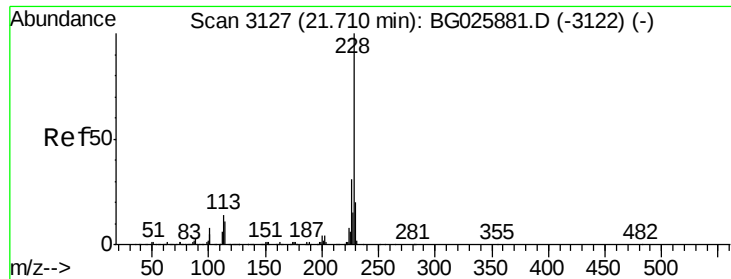


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 5.01 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

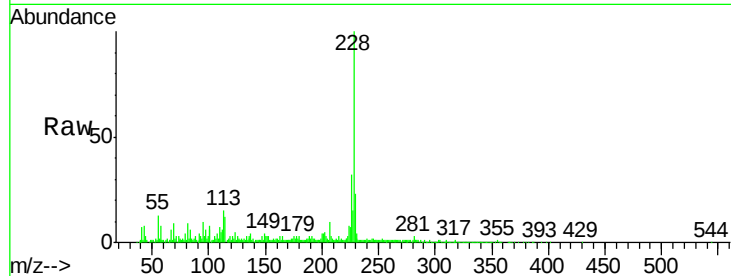
Tgt Ion:228 Resp: 240727

Ion Ratio Lower Upper

228 100

226 31.6 24.5 36.7

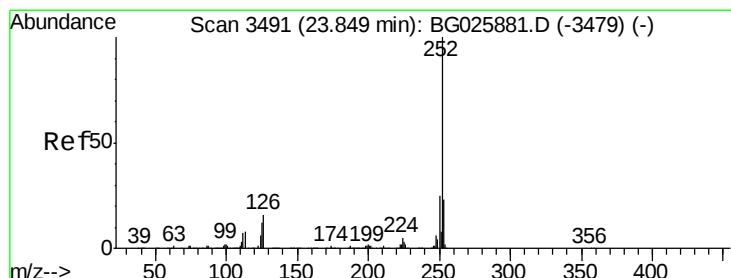
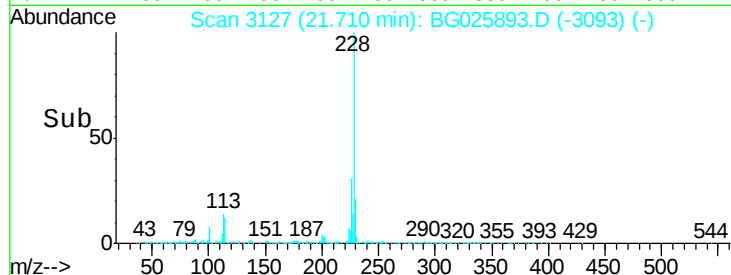
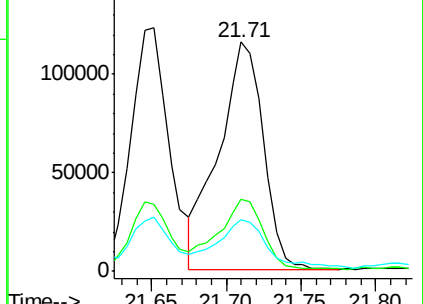
229 22.8 15.8 23.8



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: 8.64 ng/ul

RT: 23.86 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

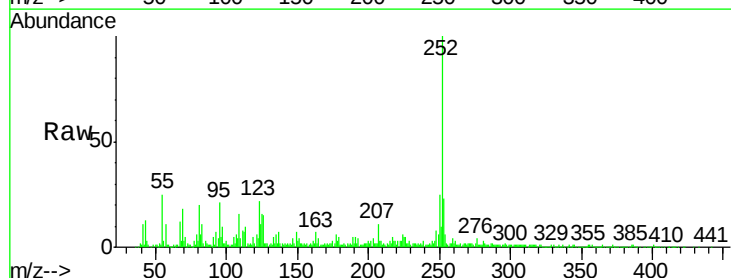
Tgt Ion:252 Resp: 427016

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

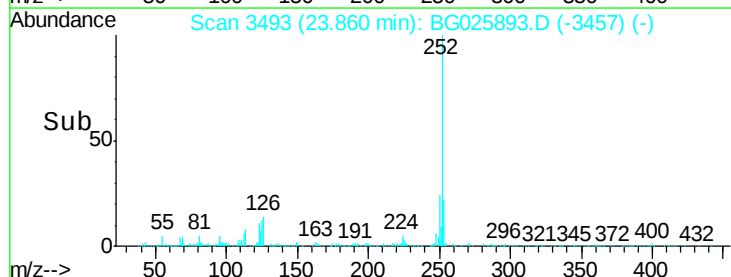
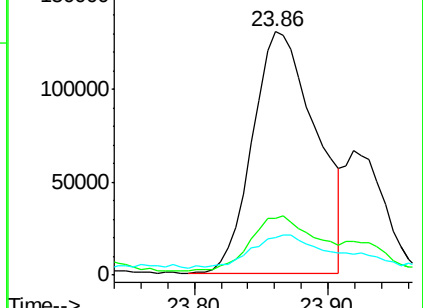
125 15.6 8.0 12.0#

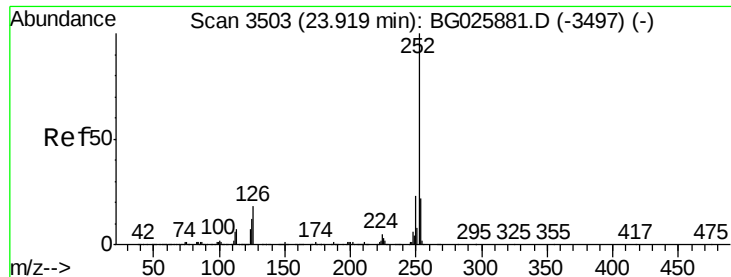


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.85 ng/ul

RT: 23.92 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

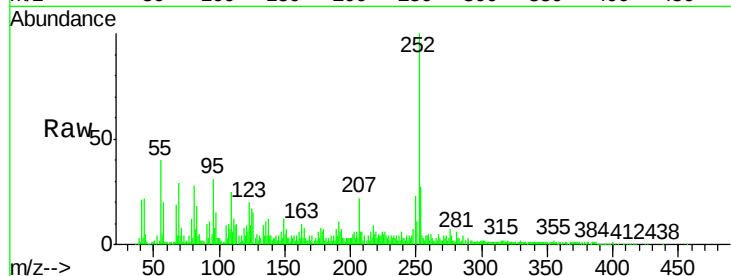
Tgt Ion:252 Resp: 135882

Ion Ratio Lower Upper

252 100

253 27.3 18.0 27.0#

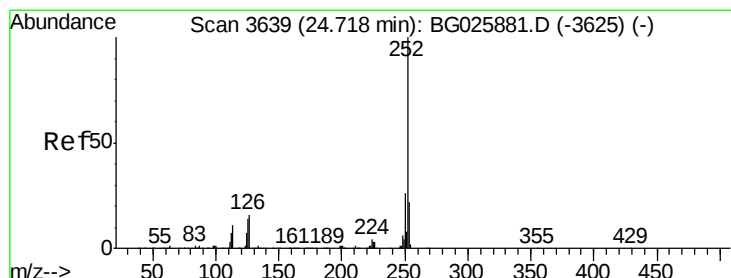
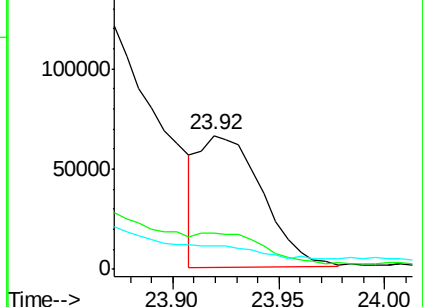
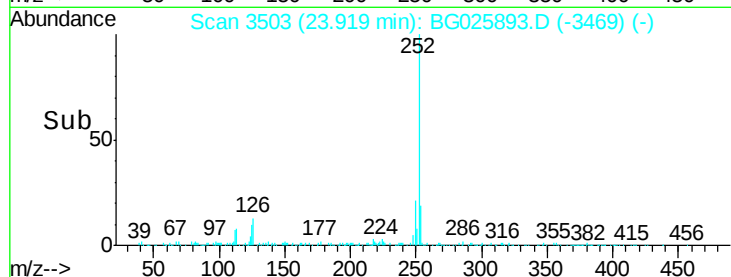
125 17.3 8.1 12.1#



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: 5.46 ng/ul

RT: 24.73 min Scan# 3641

Delta R.T. 0.01 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

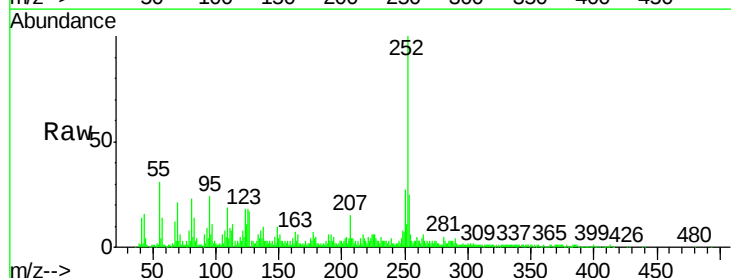
Tgt Ion:252 Resp: 261356

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

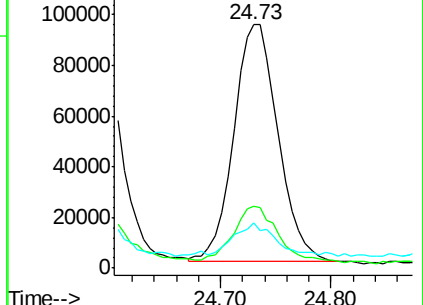
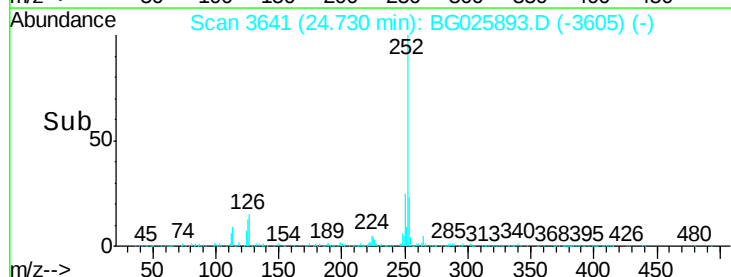
125 18.4 8.2 12.4#

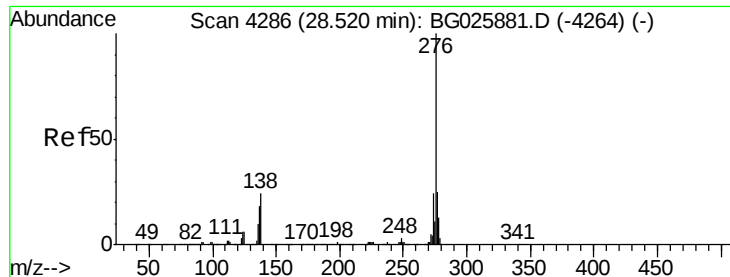


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.13 ng/ul

RT: 28.55 min Scan# 4292

Delta R.T. 0.04 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

Instrument :

BNA_G

ClientSampleId :

DABC2

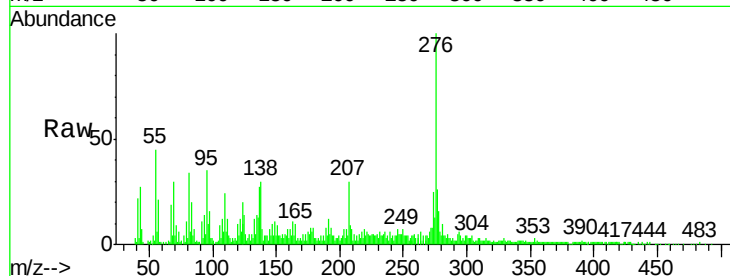
Tgt Ion:276 Resp: 231225

Ion Ratio Lower Upper

276 100

138 29.8 14.4 21.6#

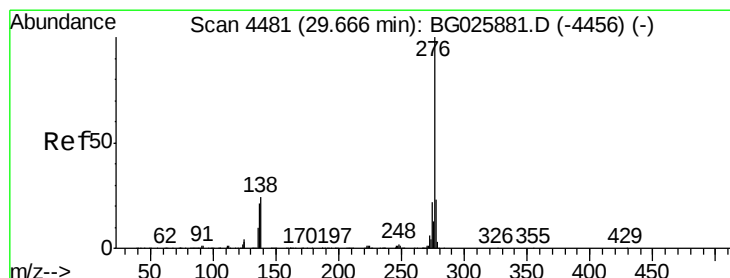
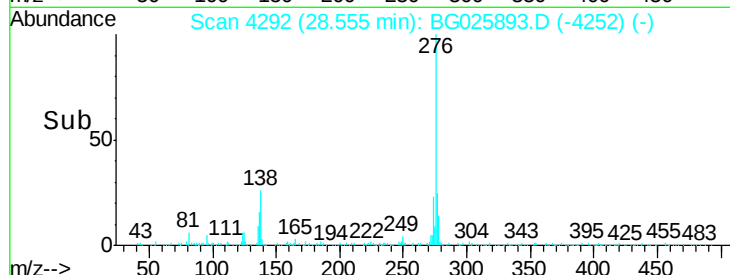
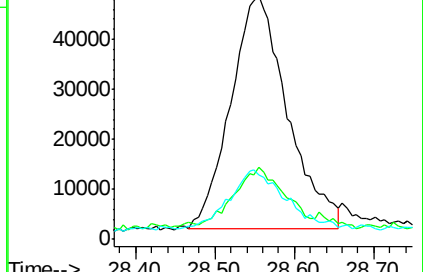
277 26.4 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#29

Benzo(g,h,i)perylene

Concen: 5.64 ng/ul

RT: 29.69 min Scan# 4486

Delta R.T. 0.03 min

Lab File: BG025893.D

Acq: 21 Feb 2017 3:58

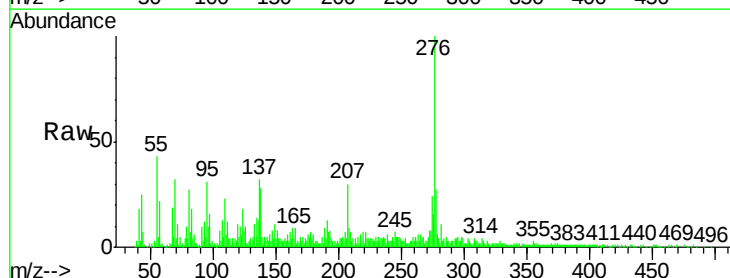
Tgt Ion:276 Resp: 260574

Ion Ratio Lower Upper

276 100

138 28.1 15.3 22.9#

277 27.0 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

