

Data File : BG025920.D
Acq On : 22 Feb 2017 1:05
Operator : SJ/MA
Sample : I1901-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DABF2MSD

Quant Time: Feb 22 02:48:35 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	152670	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	689432	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	383260	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	769061	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	750788	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	683000	20.00	ng/ul	0.05
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	1219575	38.43	ng/ul	0.00
10) Fluorene-d10	15.67	176	869916	35.69	ng/ul	0.00
14) Anthracene-d10	17.52	188	1200714	34.53	ng/ul	0.00
18) Pyrene-d10	19.79	212	1251239	34.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	1087416	35.98	ng/ul	0.06
Target Compounds						
9) Acenaphthene	14.75	153	880323	37.89	ng/ul	Qvalue 95
16) Fluoranthene	19.46	202	72617	1.61	ng/ul	98
19) Pyrene	19.83	202	1639669	36.09	ng/ul#	96
21) Chrysene	21.72	228	42623	1.06	ng/ul#	68
23) Benzo(b)fluoranthene	23.89	252	66321	1.68	ng/ul#	1

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

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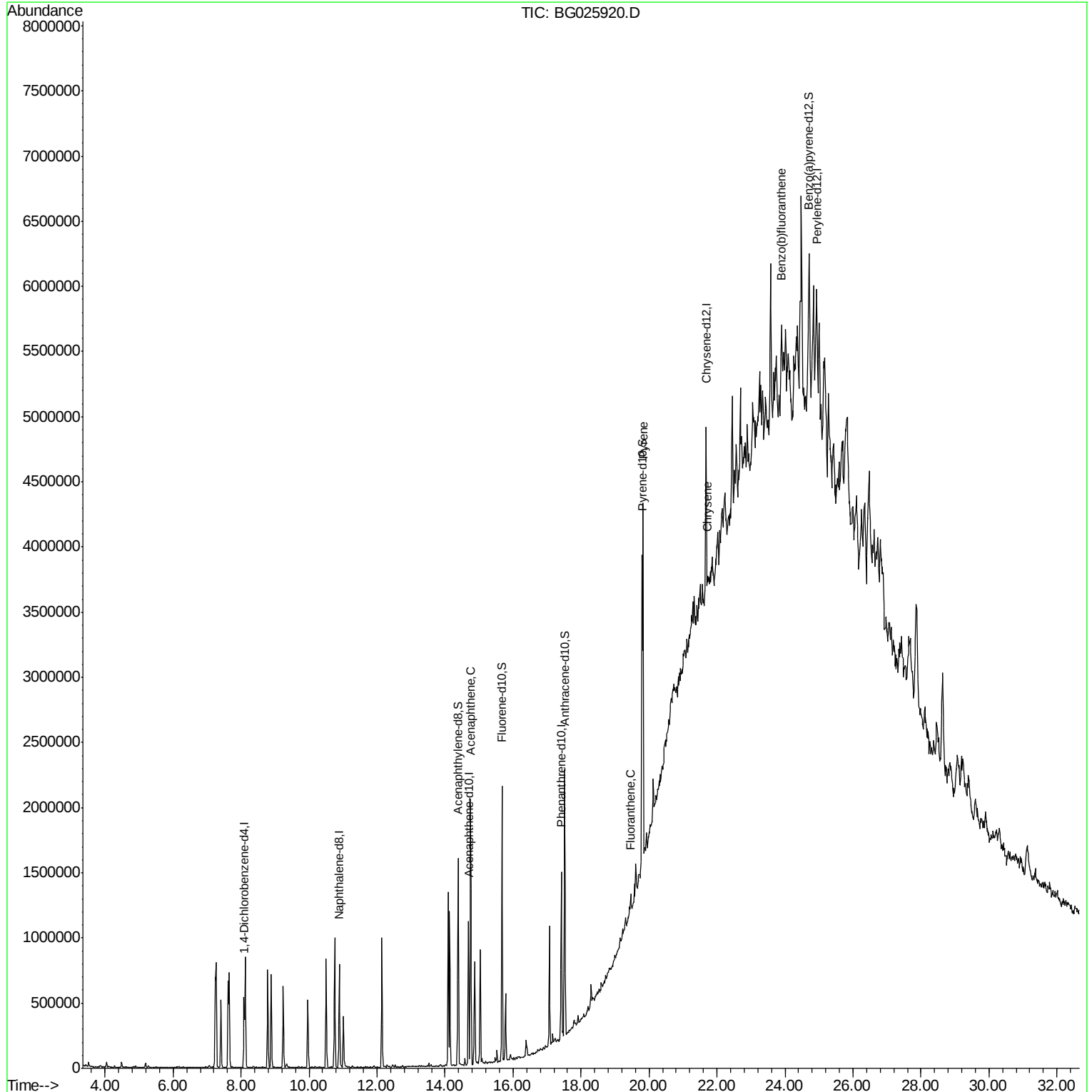
Quant Time: Feb 22 02:48:35 2017

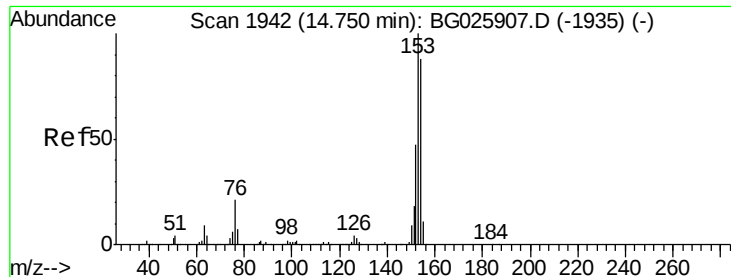
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M

Quant Title : SVOA CALIBRATION

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#9

Acenaphthene

Concen: 37.89 ng/ul

RT: 14.75 min Scan# 1942

Delta R.T. 0.00 min

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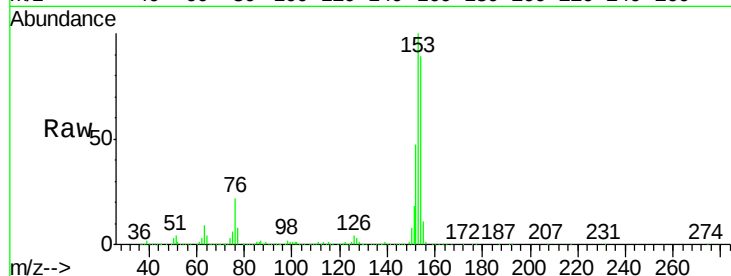
Tgt Ion:153 Resp: 880323

Ion Ratio Lower Upper

153 100

152 47.4 39.0 58.6

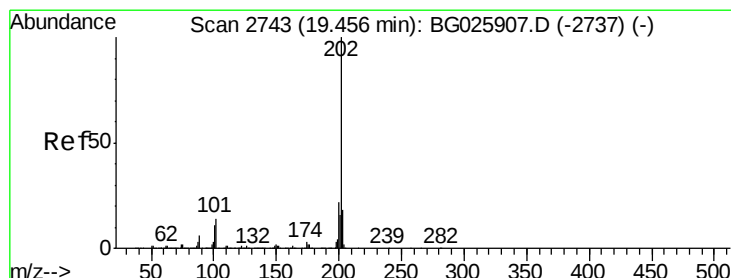
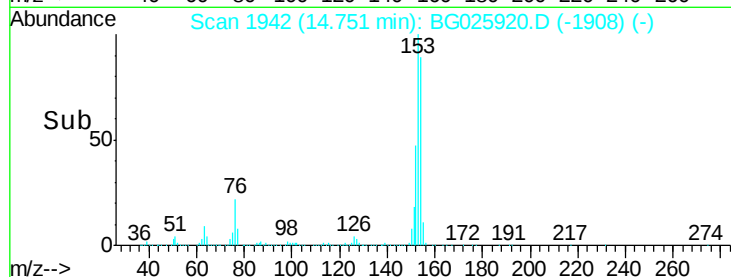
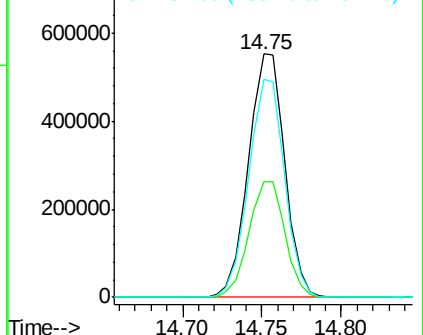
154 89.5 66.8 100.2



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



#16

Fluoranthene

Concen: 1.61 ng/ul

RT: 19.46 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BG025920.D

Acq: 22 Feb 2017 1:05

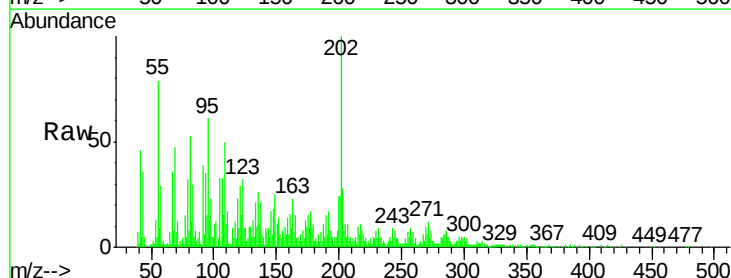
Tgt Ion:202 Resp: 72617

Ion Ratio Lower Upper

202 100

101 12.3 9.9 14.9

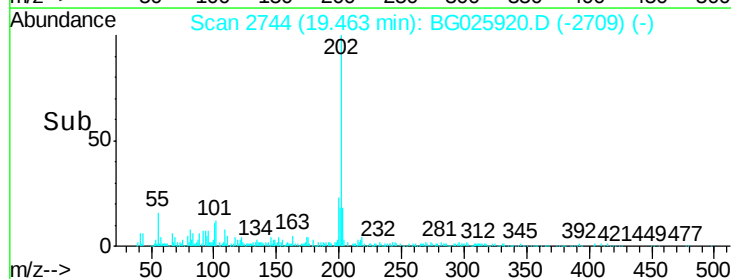
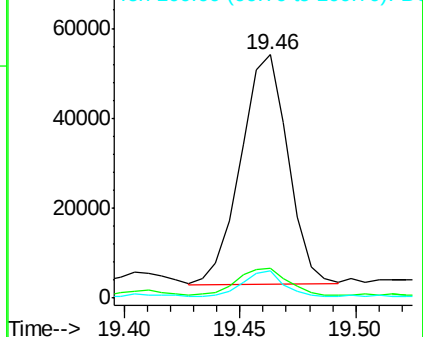
100 11.0 7.4 11.0

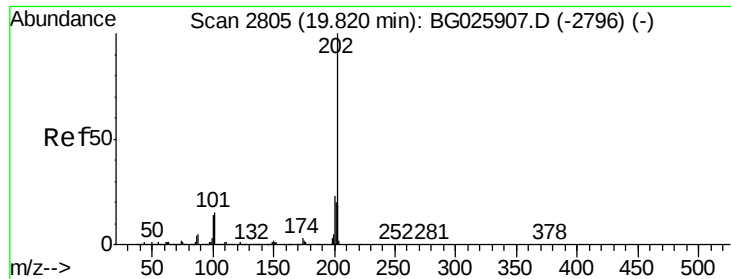


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pyrene

Concen: 36.09 ng/ul

RT: 19.83 min Scan# 2806

Delta R.T. 0.01 min

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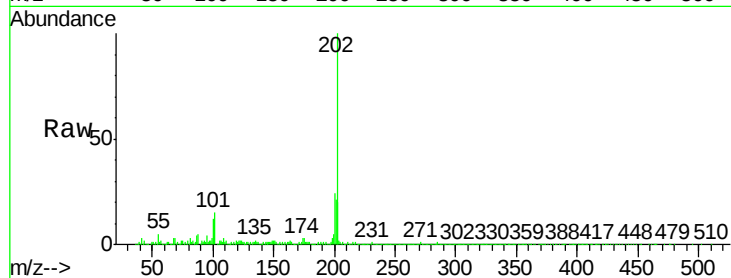
Tgt Ion:202 Resp: 1639669

Ion Ratio Lower Upper

202 100

101 15.1 11.0 16.4

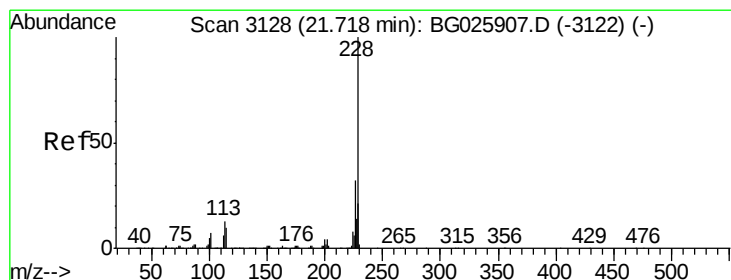
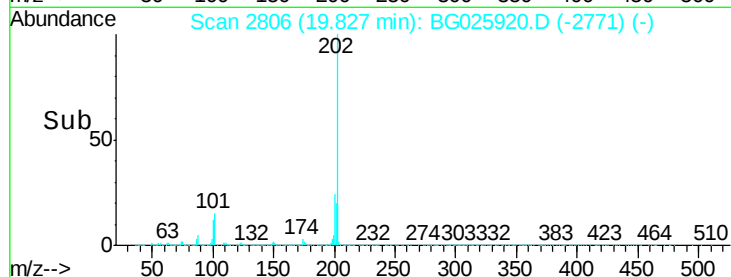
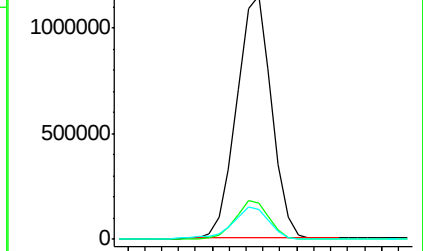
100 12.3 8.1 12.1#



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



#21

Chrysene

Concen: 1.06 ng/ul

RT: 21.72 min Scan# 3128

Delta R.T. 0.00 min

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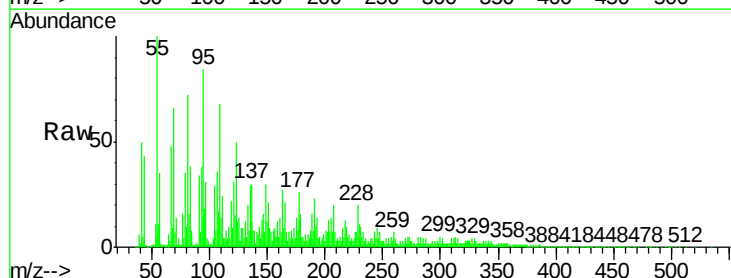
Tgt Ion:228 Resp: 42623

Ion Ratio Lower Upper

228 100

226 33.3 24.5 36.7

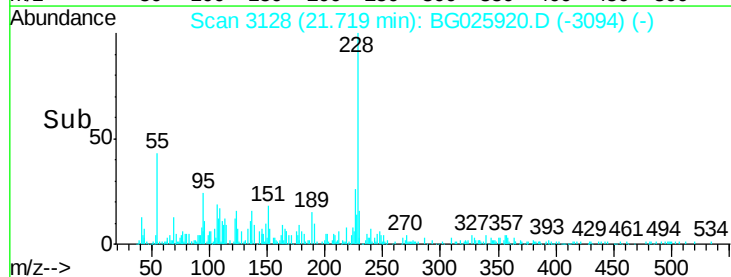
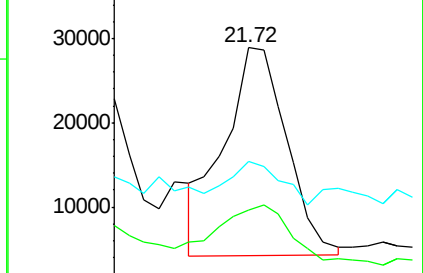
229 53.0 15.8 23.8#

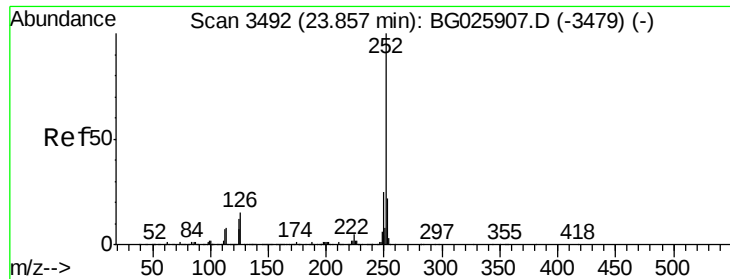


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.68 ng/ul

RT: 23.89 min Scan# 3498

Delta R.T. 0.04 min

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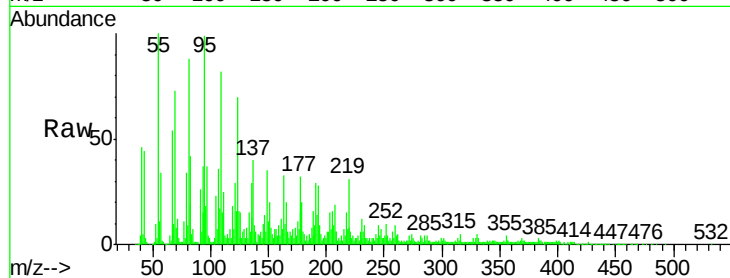
Tgt Ion: 252 Resp: 66321

Ion Ratio Lower Upper

252 100

253 41.7 18.0 27.0#

125 141.3 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

