

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026283.D
 Acq On : 17 Mar 2017 15:22
 Operator : SJ/MA
 Sample : I2218-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2Y2

Quant Time: Mar 17 16:11:16 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 17 14:43:33 2017
 Response via : Initial Calibration

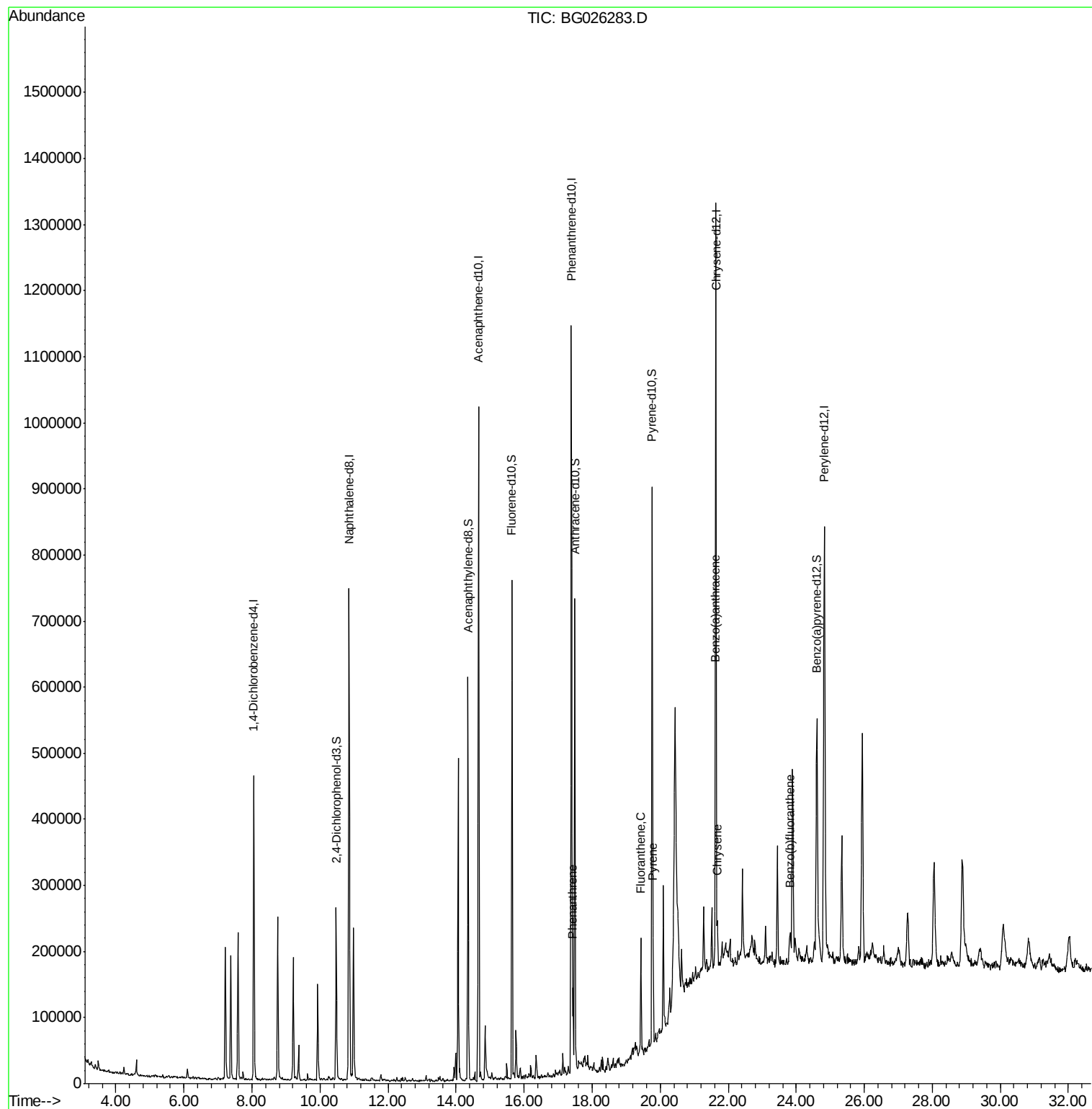
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	138217	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	659203	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	358120	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	710328	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	677618	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	627740	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	113326	11.61	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	458202	15.01	ng/ul	0.00
10) Fluorene-d10	15.64	176	308826	13.87	ng/ul	0.00
15) Anthracene-d10	17.49	188	417654	13.23	ng/ul	0.00
19) Pyrene-d10	19.76	212	431851	12.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	373641	13.80	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	75741	2.01	ng/ul	96
17) Fluoranthene	19.43	202	101187	2.59	ng/ul	100
20) Pyrene	19.79	202	83733	1.94	ng/ul	98
21) Benzo(a)anthracene	21.61	228	46512	1.23	ng/ul	97
22) Chrysene	21.68	228	44431	1.26	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	52435	1.47	ng/ul#	94

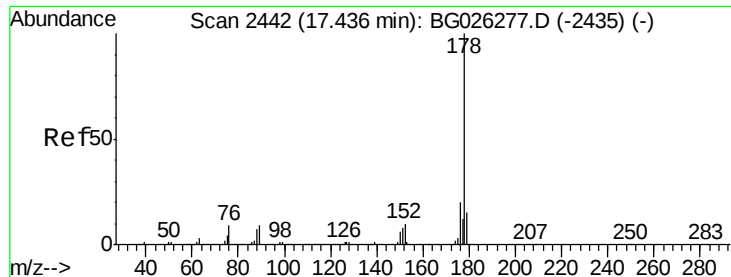
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 2.01 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CB2Y2

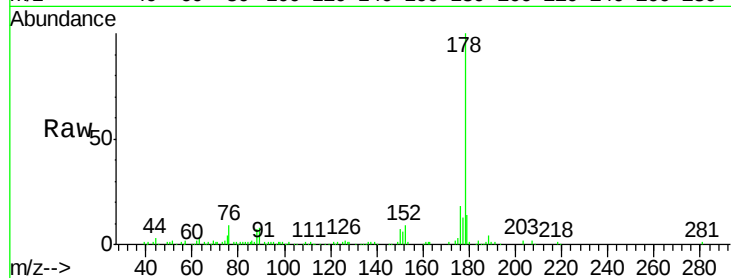
Tgt Ion:178 Resp: 75741

Ion Ratio Lower Upper

178 100

179 13.9 12.2 18.4

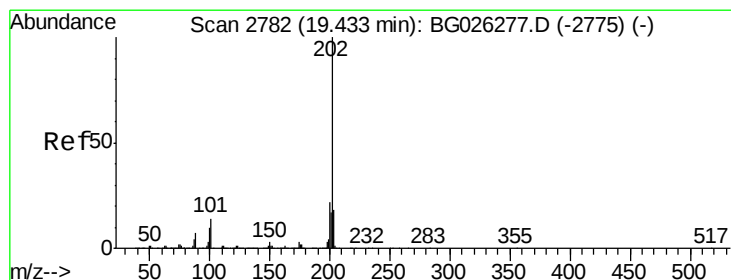
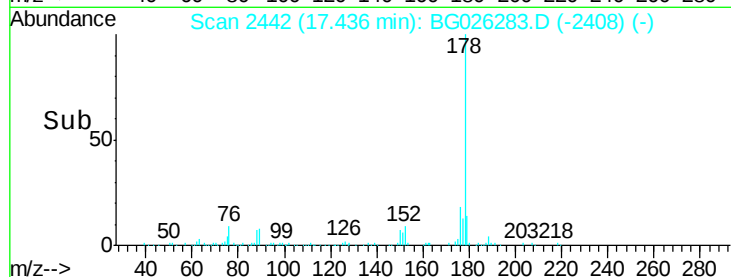
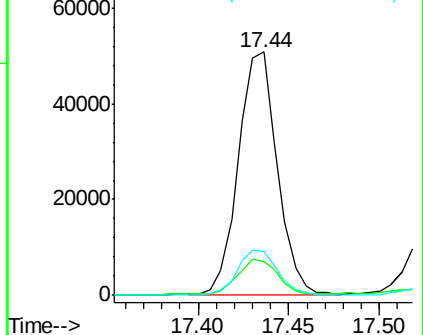
176 18.0 16.4 24.6



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



#17

Fluoranthene

Concen: 2.59 ng/ul

RT: 19.43 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

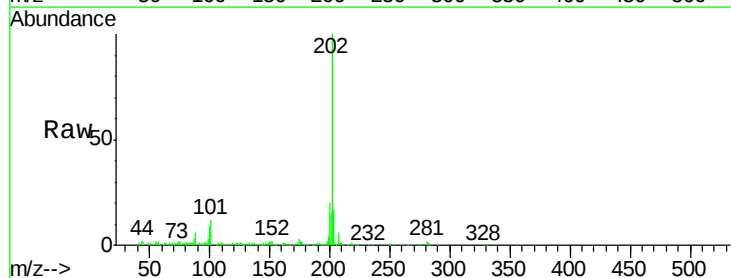
Tgt Ion:202 Resp: 101187

Ion Ratio Lower Upper

202 100

101 12.2 9.8 14.8

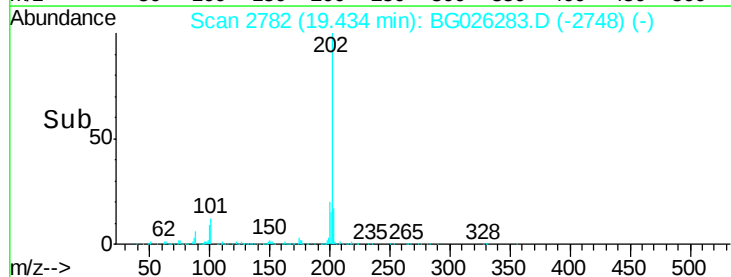
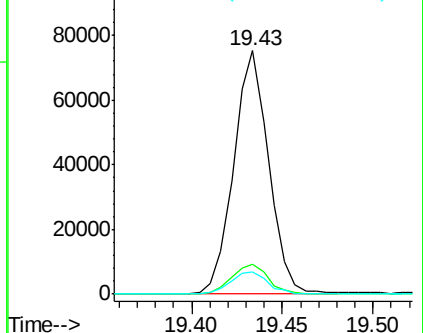
100 9.3 7.5 11.3

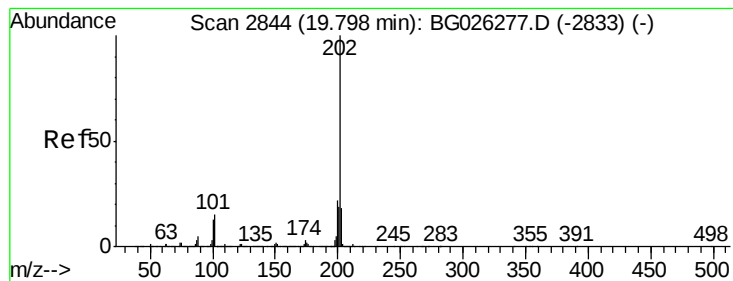


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pyrene

Concen: 1.94 ng/ul

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CB2Y2

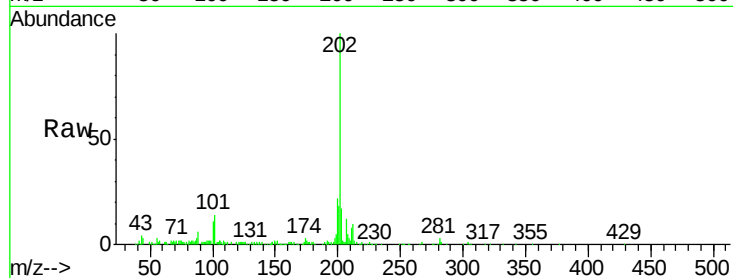
Tgt Ion:202 Resp: 83733

Ion Ratio Lower Upper

202 100

101 13.9 11.2 16.8

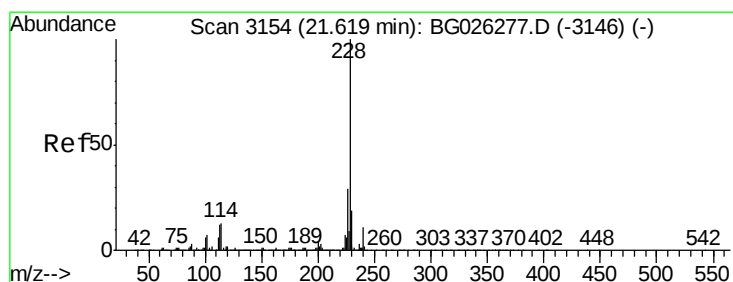
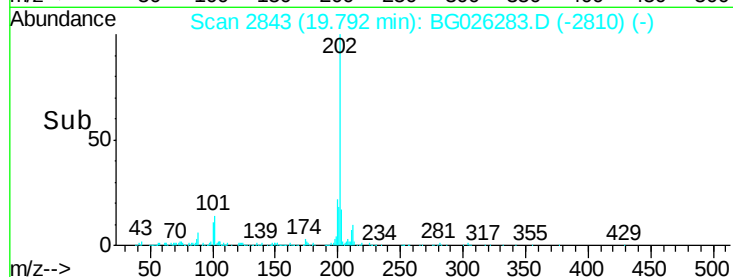
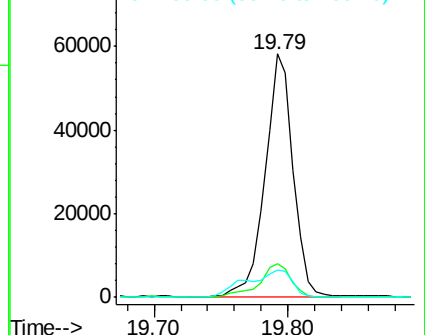
100 11.0 9.8 14.6



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



#21

Benzo(a)anthracene

Concen: 1.23 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

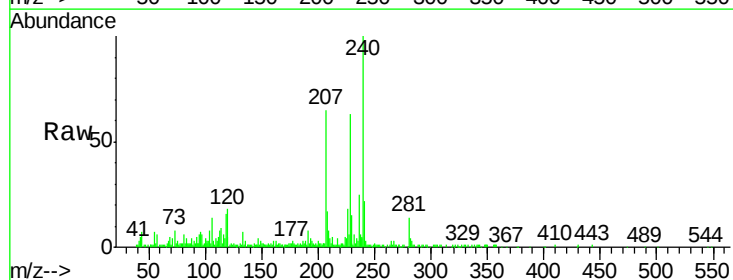
Tgt Ion:228 Resp: 46512

Ion Ratio Lower Upper

228 100

229 23.3 15.9 23.9

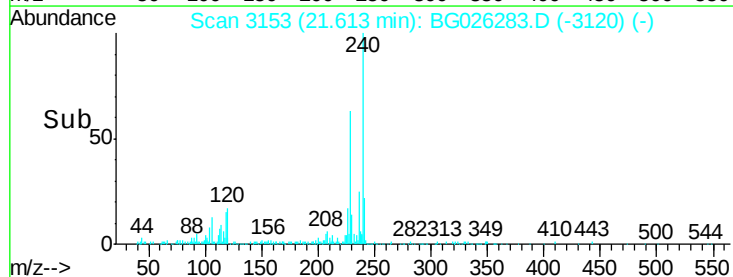
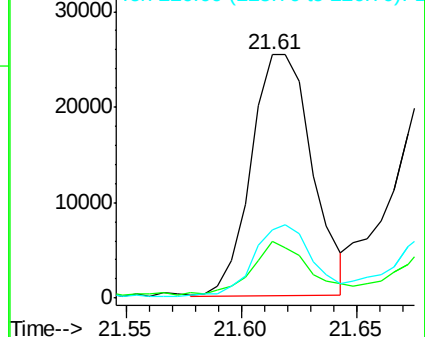
226 27.8 22.1 33.1

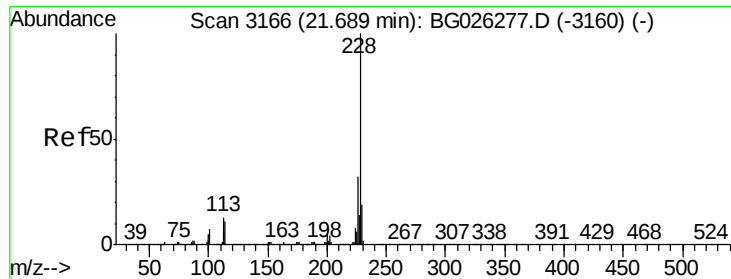


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#22

Chrysene

Concen: 1.26 ng/ul

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CB2Y2

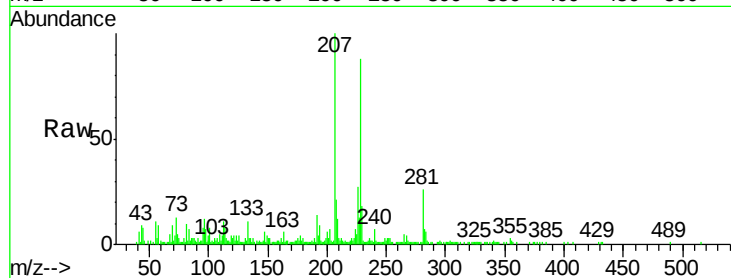
Tgt Ion:228 Resp: 44431

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

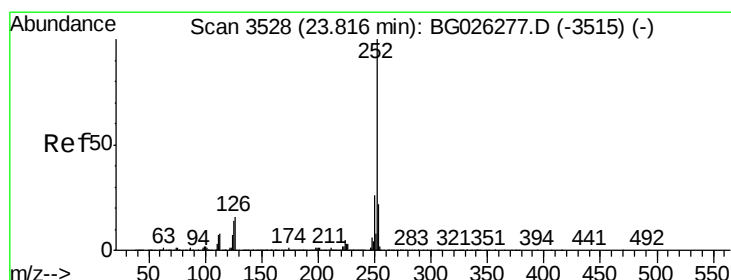
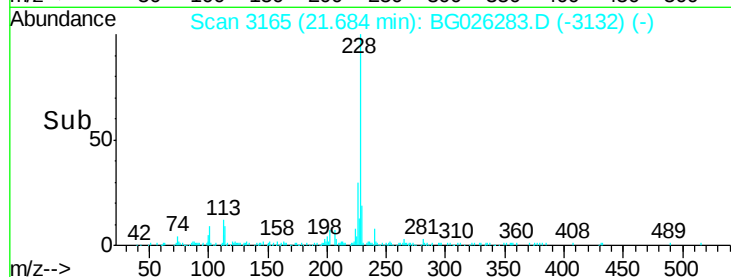
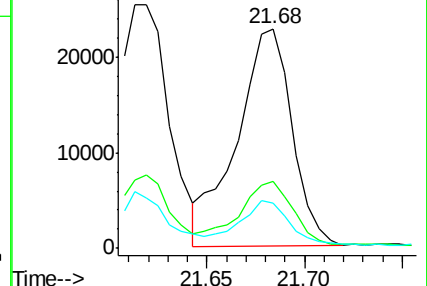
229 20.3 16.6 25.0



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



#24

Benzo(b)fluoranthene

Concen: 1.47 ng/ul

RT: 23.82 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG026283.D

Acq: 17 Mar 2017 15:22

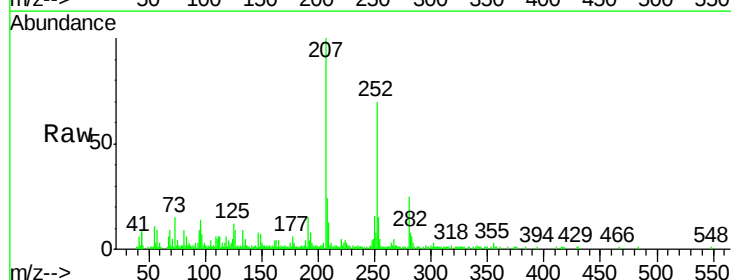
Tgt Ion:252 Resp: 52435

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.6

125 16.7 9.4 14.0#



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

