

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052317\
 Data File : BG027083.D
 Acq On : 23 May 2017 7:24
 Operator : SJ/MA
 Sample : I3276-13MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 23 08:13:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 04:05:03 2017
 Response via : Initial Calibration

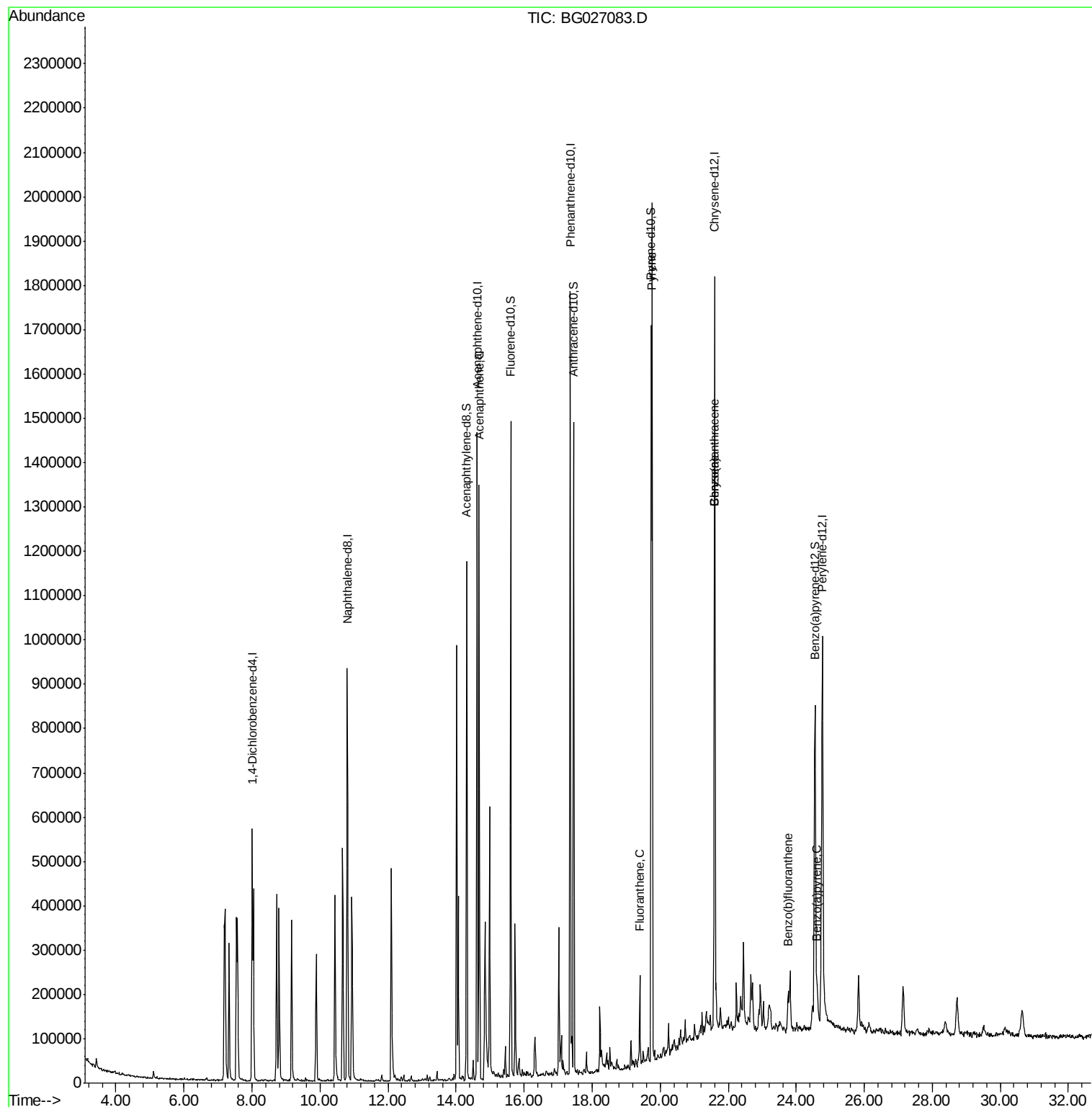
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	167527	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	839599	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	498498	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1026305	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	898291	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	867270	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	866732	16.95	ng/ul	0.00
10) Fluorene-d10	15.60	176	588965	17.27	ng/ul	0.00
14) Anthracene-d10	17.45	188	831693	16.62	ng/ul	0.00
18) Pyrene-d10	19.73	212	814655	17.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	710824	16.50	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.68	153	575320	16.35	ng/ul	95
16) Fluoranthene	19.40	202	112482	1.92	ng/ul#	94
19) Pyrene	19.76	202	1086201	18.50	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	59746	1.10	ng/ul	96
21) Chrysene	21.58	228	59205	1.19	ng/ul	93
23) Benzo(b)fluoranthene	23.76	252	93506	1.81	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	54551	1.08	ng/ul#	89

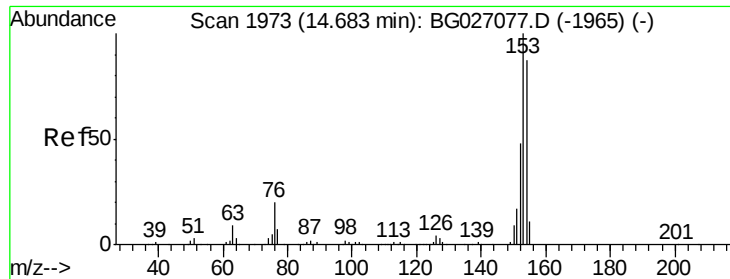
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 16.35 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

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BNA_G

ClientSampleId :

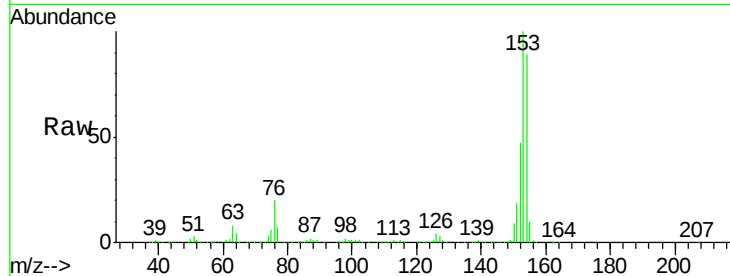
Tot Ion:153 Resp: 575320

Ion Ratio Lower Upper

153 100

152 46.6 39.0 58.6

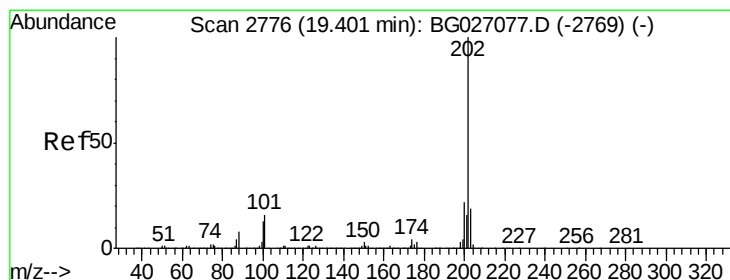
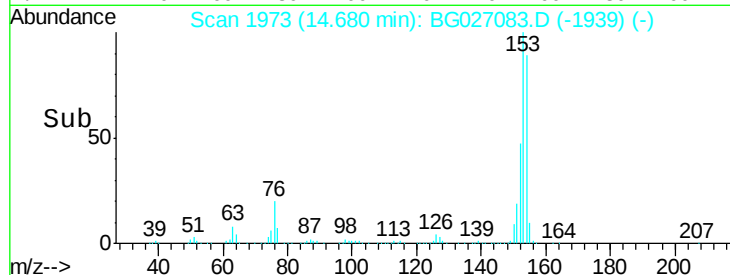
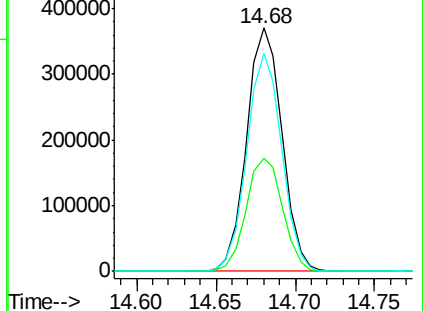
154 89.4 66.8 100.2



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: 1.92 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

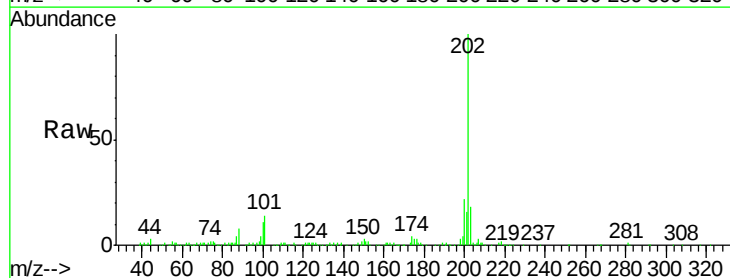
Tgt Ion:202 Resp: 112482

Ion Ratio Lower Upper

202 100

101 14.5 9.9 14.9

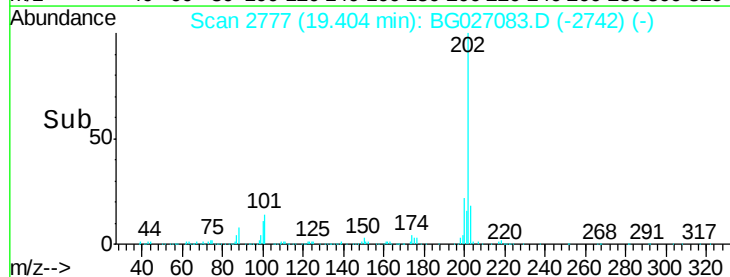
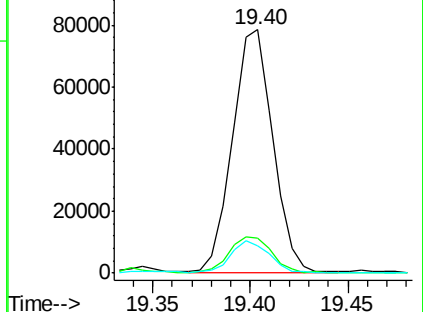
100 11.5 7.4 11.0#

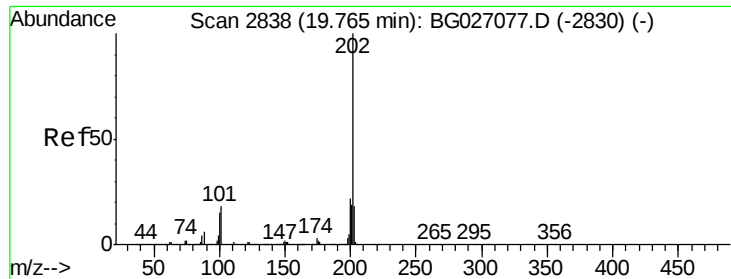


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pvrene

Concen: 18.50 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Instrument :

BNA_G

ClientSampled :

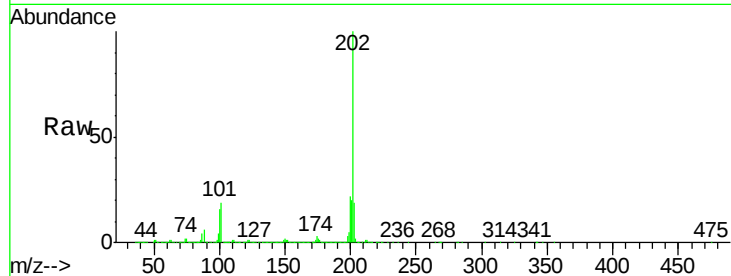
Tot Ion:202 Resp: 1086201

Ion Ratio Lower Upper

202 100

101 18.9 11.0 16.4#

100 16.0 8.1 12.1#

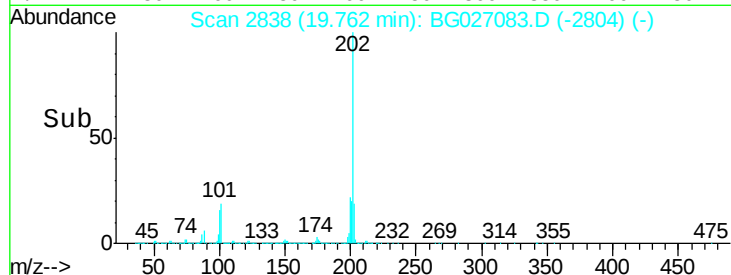


Abundance Ion 202.00 (201.70 to 202.70): E

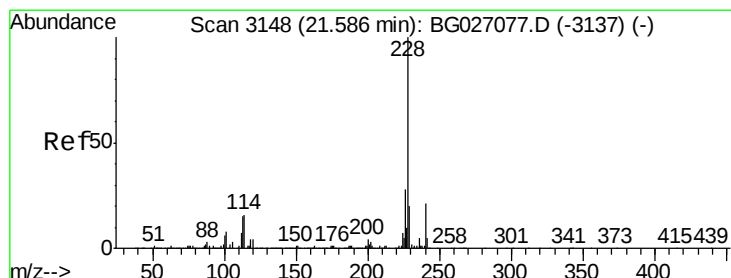
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#20

Benzo(a)anthracene

Concen: 1.10 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

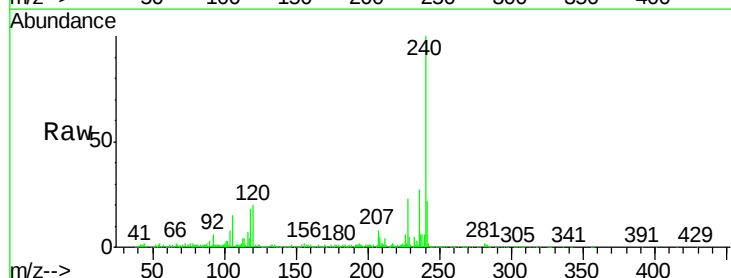
Tgt Ion:228 Resp: 59746

Ion Ratio Lower Upper

228 100

229 22.9 15.7 23.5

226 26.9 21.1 31.7

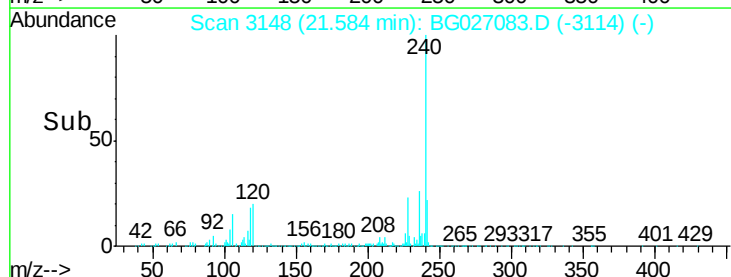


Abundance Ion 228.00 (227.70 to 228.70): E

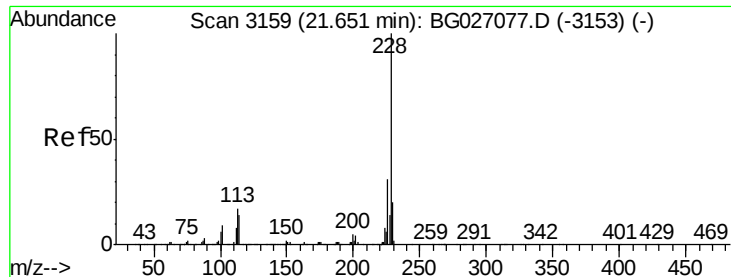
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#21

Chrysene

Concen: 1.19 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.07 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

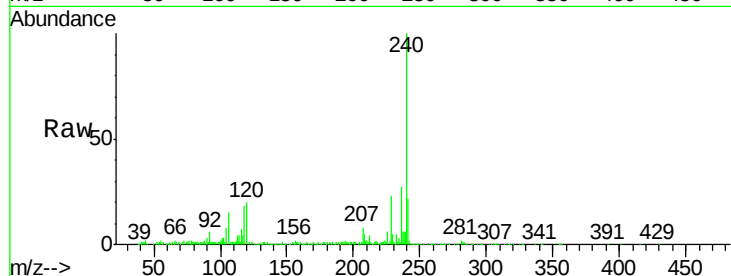
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 59205

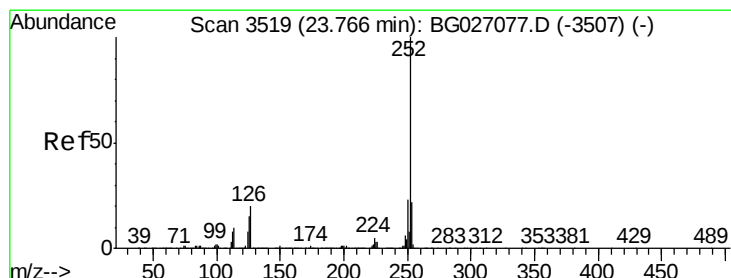
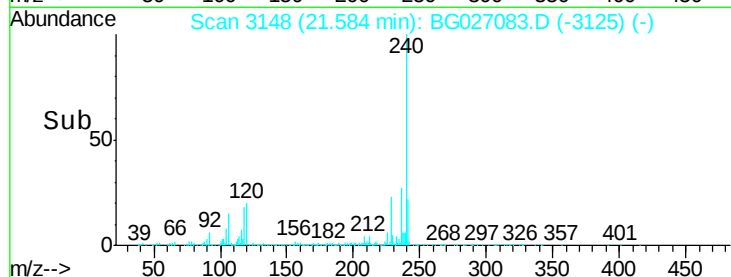
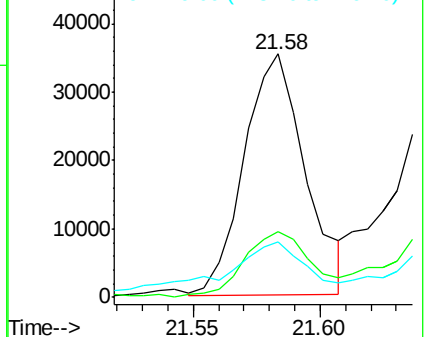
Ion	Ratio	Lower	Upper
228	100		
226	26.9	24.5	36.7
229	22.9	15.8	23.8



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: 1.81 ng/ul

RT: 23.76 min Scan# 3519

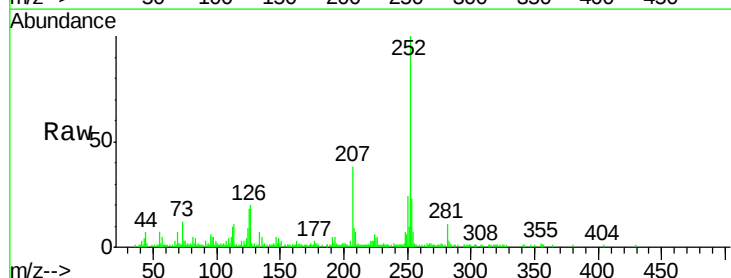
Delta R.T. -0.00 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Tgt Ion:252 Resp: 93506

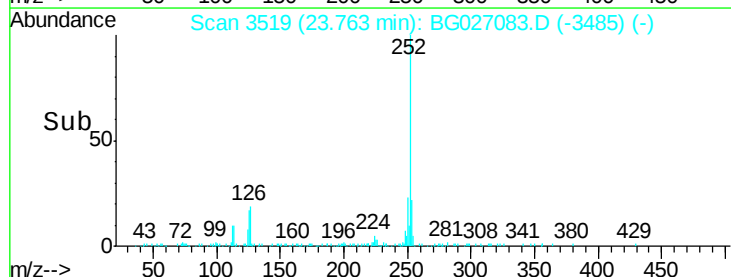
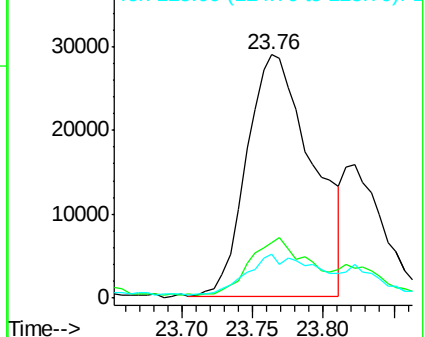
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	18.2	8.0	12.0#

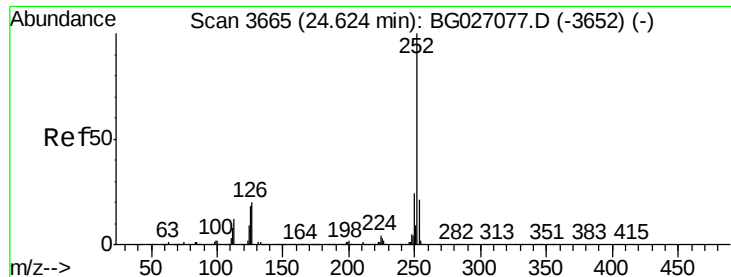


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG027083.D

Acq: 23 May 2017 7:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 252 Resp: 54551

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

125 17.6 8.2 12.4#

