

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027149.D
 Acq On : 25 May 2017 4:40
 Operator : SJ/MA
 Sample : I3279-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 06:06:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

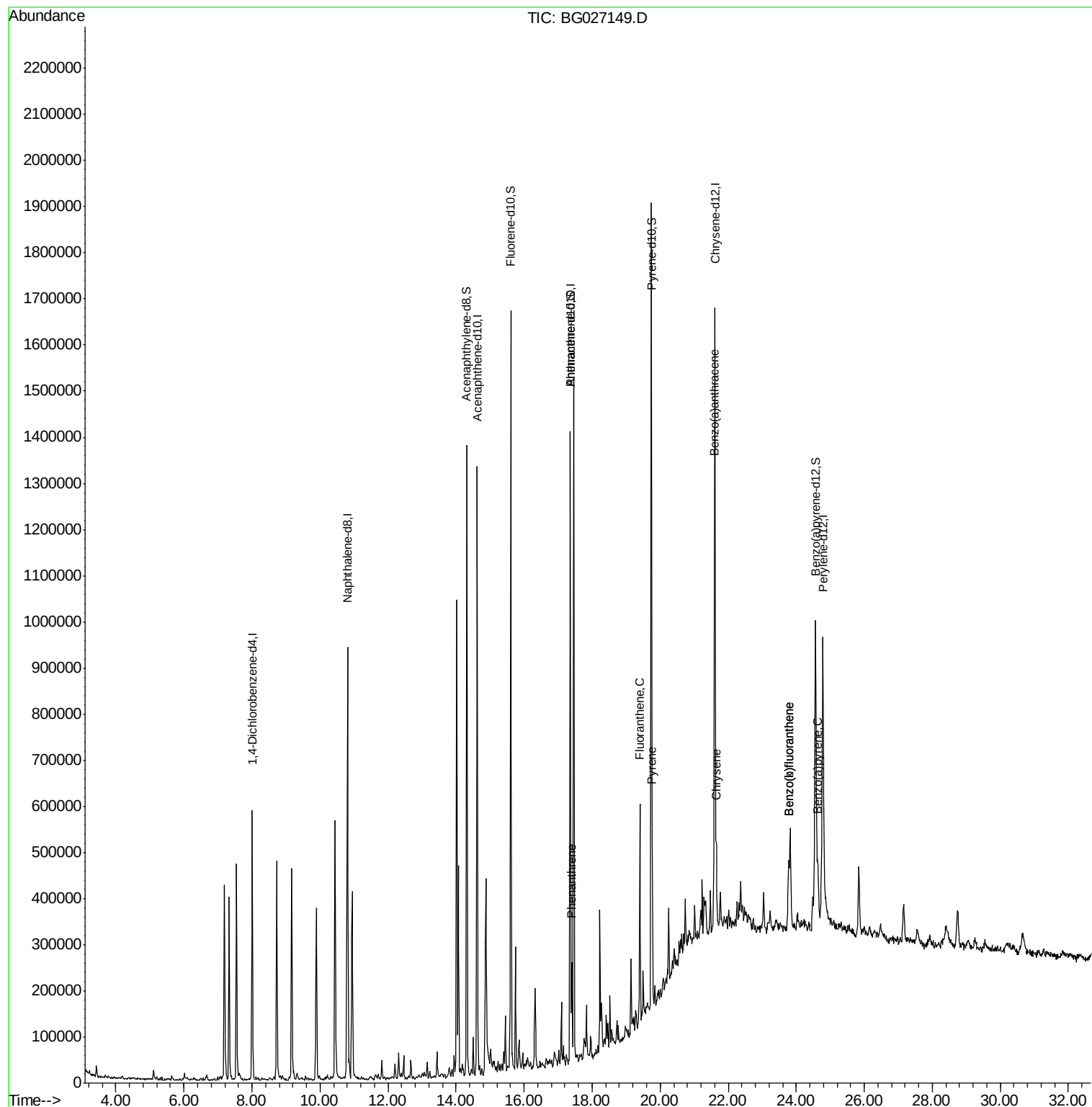
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	175706	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	853735	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	440416	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	814832	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	720984	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	624634	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1005871	22.27	ng/ul	0.00
10) Fluorene-d10	15.61	176	648800	21.53	ng/ul	0.00
14) Anthracene-d10	17.36	188	814832	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	830898	22.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	677203	21.82	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	132467	2.91	ng/ul	Ovalue 98
16) Fluoranthene	19.40	202	246994	5.30	ng/ul#	93
19) Pyrene	19.77	202	208906	4.43	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	112125	2.58	ng/ul	93
21) Chrysene	21.65	228	130500	3.27	ng/ul	98
23) Benzo(b)fluoranthene	23.78	252	155518	4.19	ng/ul#	88
24) Benzo(k)fluoranthene	23.78	252	155518	4.07	ng/ul#	88
26) Benzo(a)pyrene	24.63	252	93424	2.57	ng/ul#	83

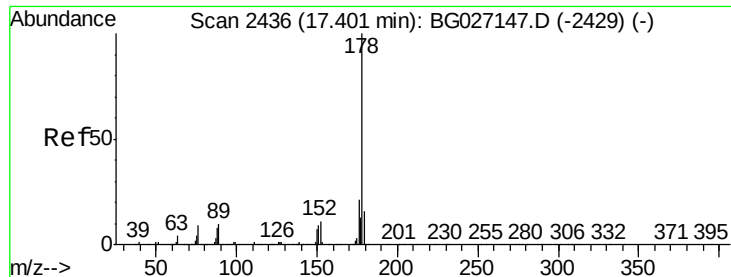
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.91 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

Instrument :

BNA_G

ClientSampleId :

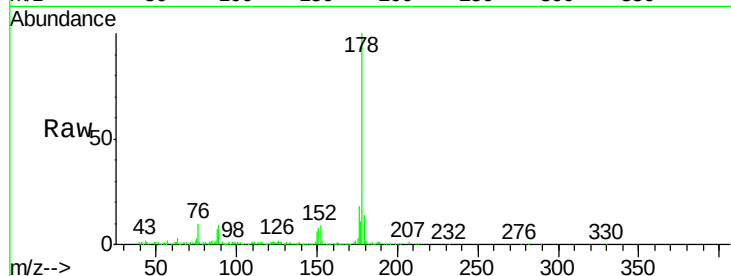
Tot Ion:178 Resp: 132467

Ion Ratio Lower Upper

178 100

179 14.3 12.3 18.5

176 17.9 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

120000

100000

80000

60000

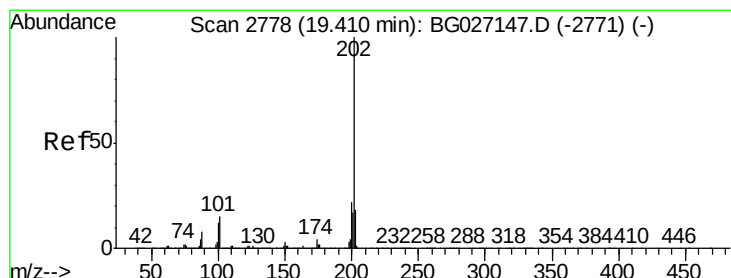
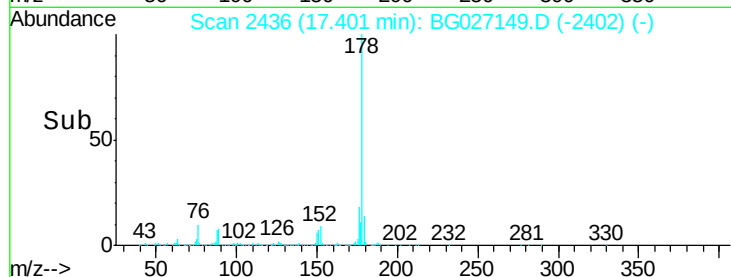
40000

20000

0

17.35 17.40 17.45

Time-->



#16

Fluoranthene

Concen: 5.30 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

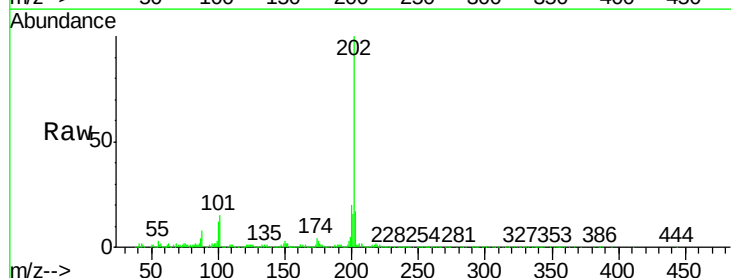
Tgt Ion:202 Resp: 246994

Ion Ratio Lower Upper

202 100

101 14.7 9.9 14.9

100 12.0 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

250000

200000

150000

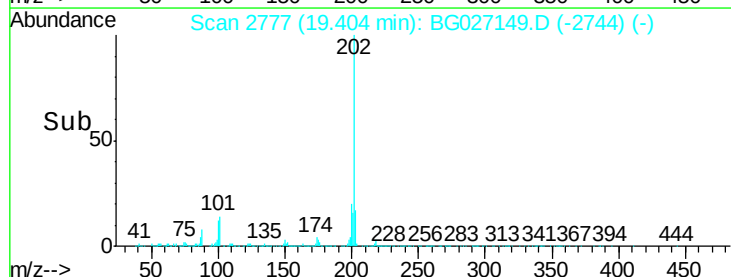
100000

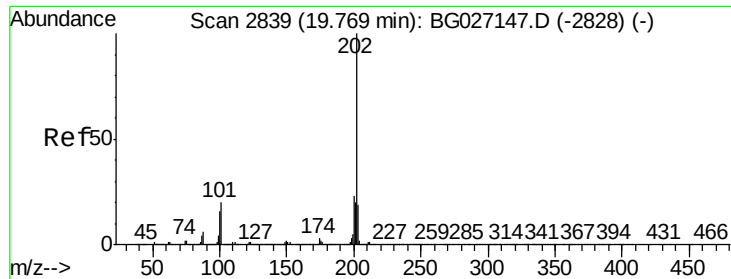
50000

0

19.35 19.40 19.45

Time-->

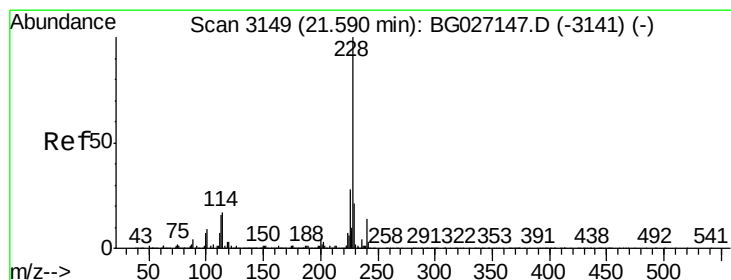
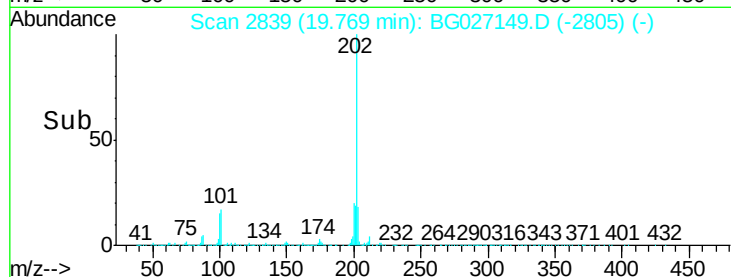
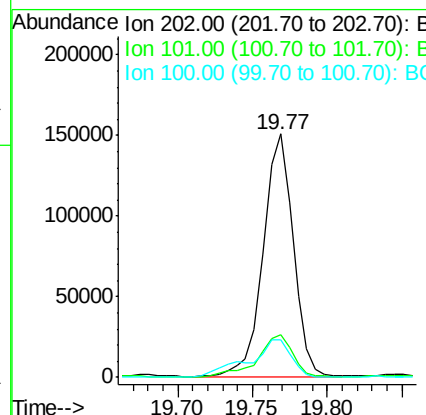
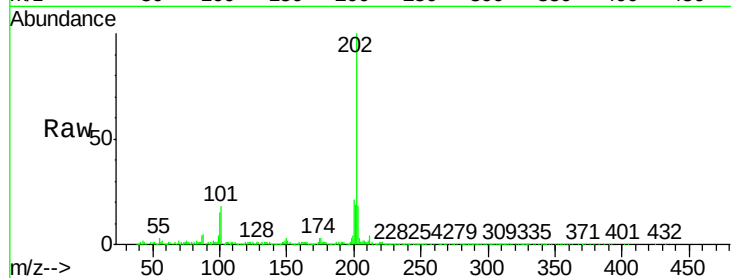




#19
Pvrene
Concen: 4.43 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BG027149.D
Acq: 25 May 2017 4:40

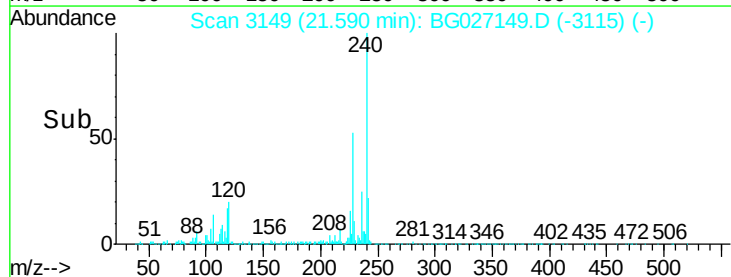
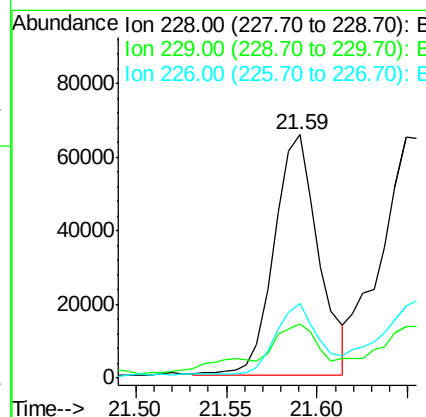
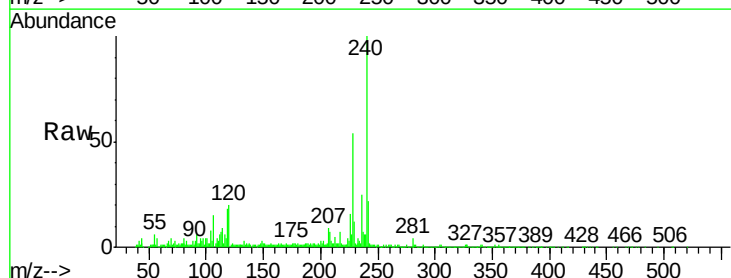
Instrument :
BNA_G
ClientSampleId :

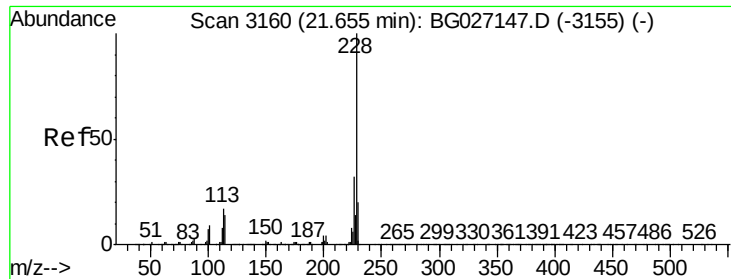
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	15.4	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 2.58 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG027149.D
Acq: 25 May 2017 4:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	30.6	21.1	31.7





#21

Chrysene

Concen: 3.27 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

Instrument :

BNA_G

ClientSampled :

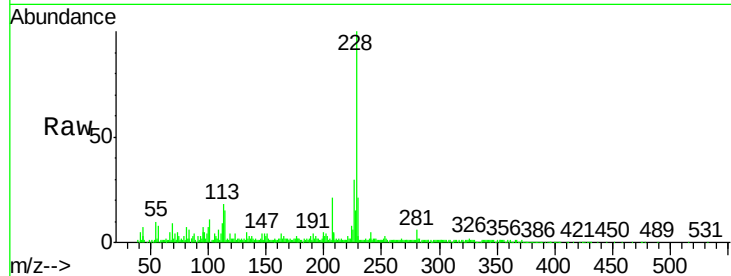
Tot Ion:228 Resp: 130500

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

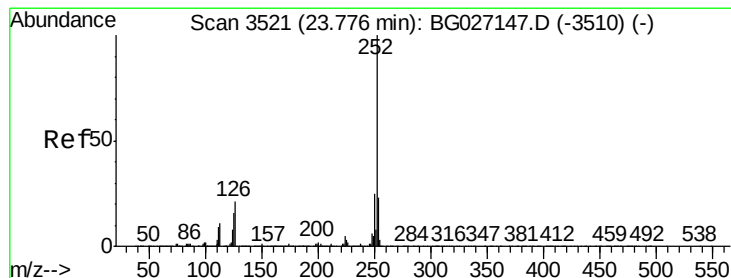
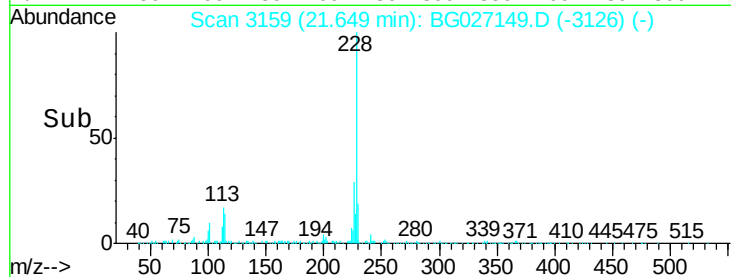
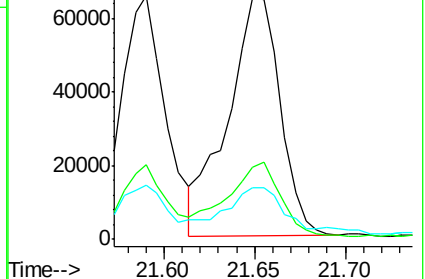
229 21.3 15.8 23.8



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: 4.19 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.00 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

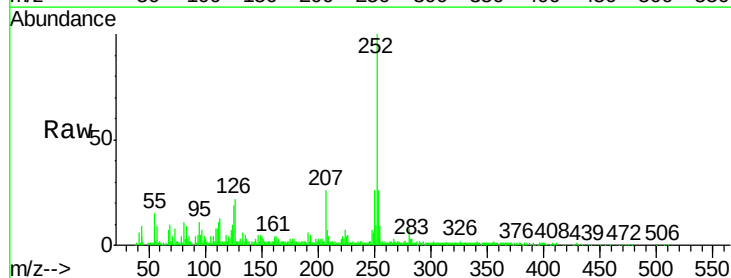
Tgt Ion:252 Resp: 155518

Ion Ratio Lower Upper

252 100

253 25.9 18.0 27.0

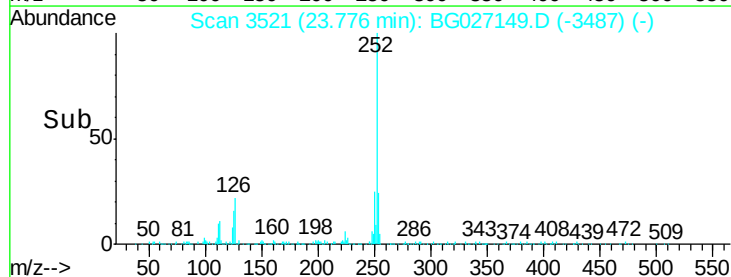
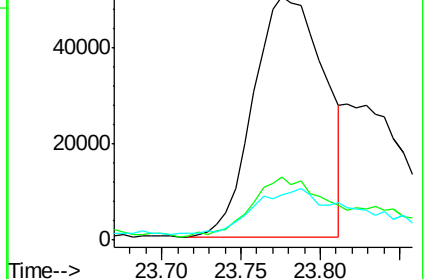
125 18.7 8.0 12.0#

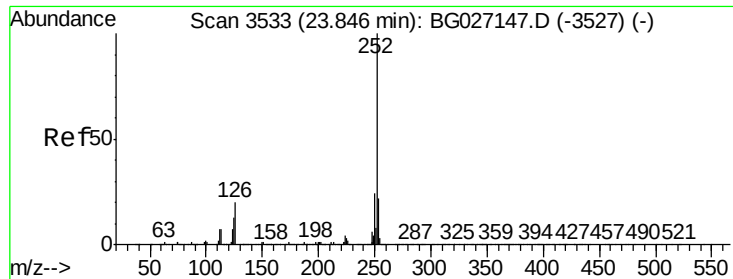


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 4.07 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.07 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

Instrument :

BNA_G

ClientSampleId :

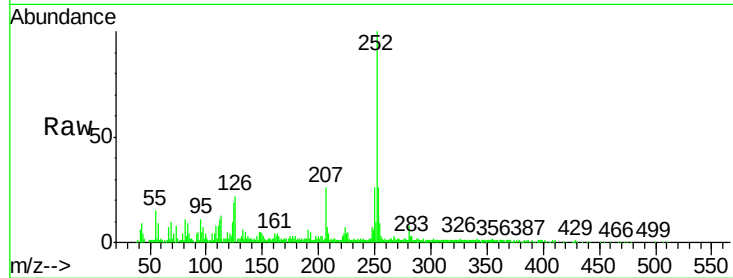
Tot Ion:252 Resp: 155518

Ion Ratio Lower Upper

252 100

253 25.9 18.0 27.0

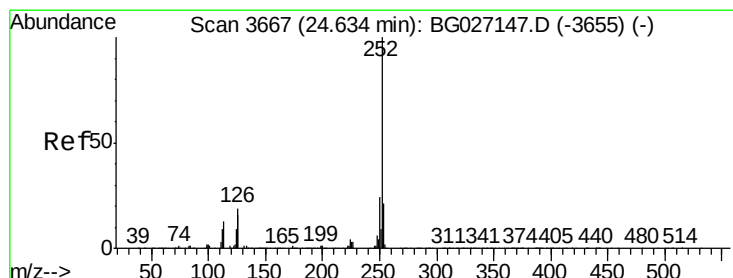
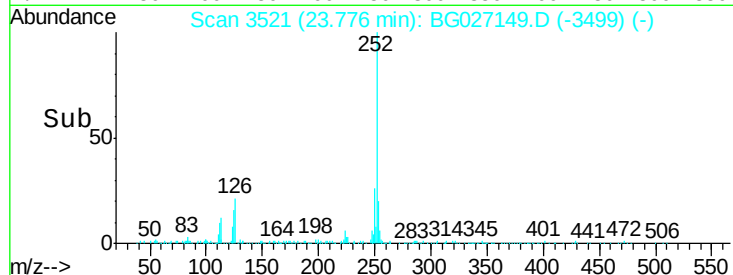
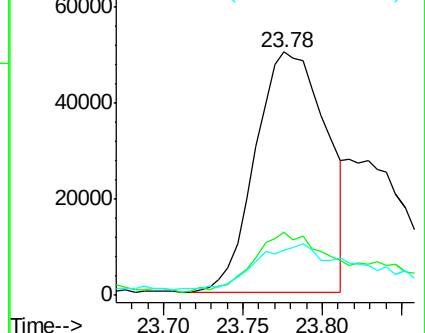
125 18.7 8.1 12.1#



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: 2.57 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG027149.D

Acq: 25 May 2017 4:40

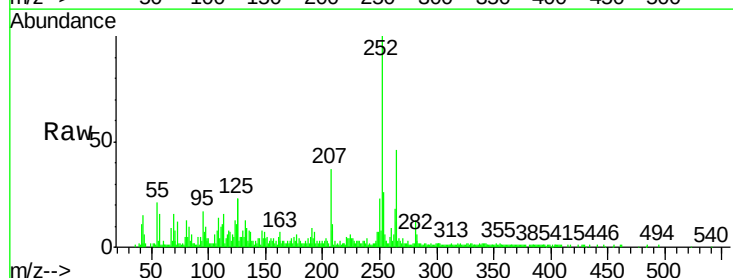
Tgt Ion:252 Resp: 93424

Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

125 22.6 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

