

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052317\
 Data File : BG027081.D
 Acq On : 23 May 2017 6:06
 Operator : SJ/MA
 Sample : I3276-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 23 07:02:59 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	8.00	152	204276	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	980791	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	545062	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1056992	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	934568	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	859201	20.00	ng/ul	0.00

System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1060338	18.97	ng/ul	0.00
10) Fluorene-d10	15.61	176	697420	18.70	ng/ul	0.00
14) Anthracene-d10	17.35	188	1056992	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	941612	19.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	828279	19.40	ng/ul	0.00

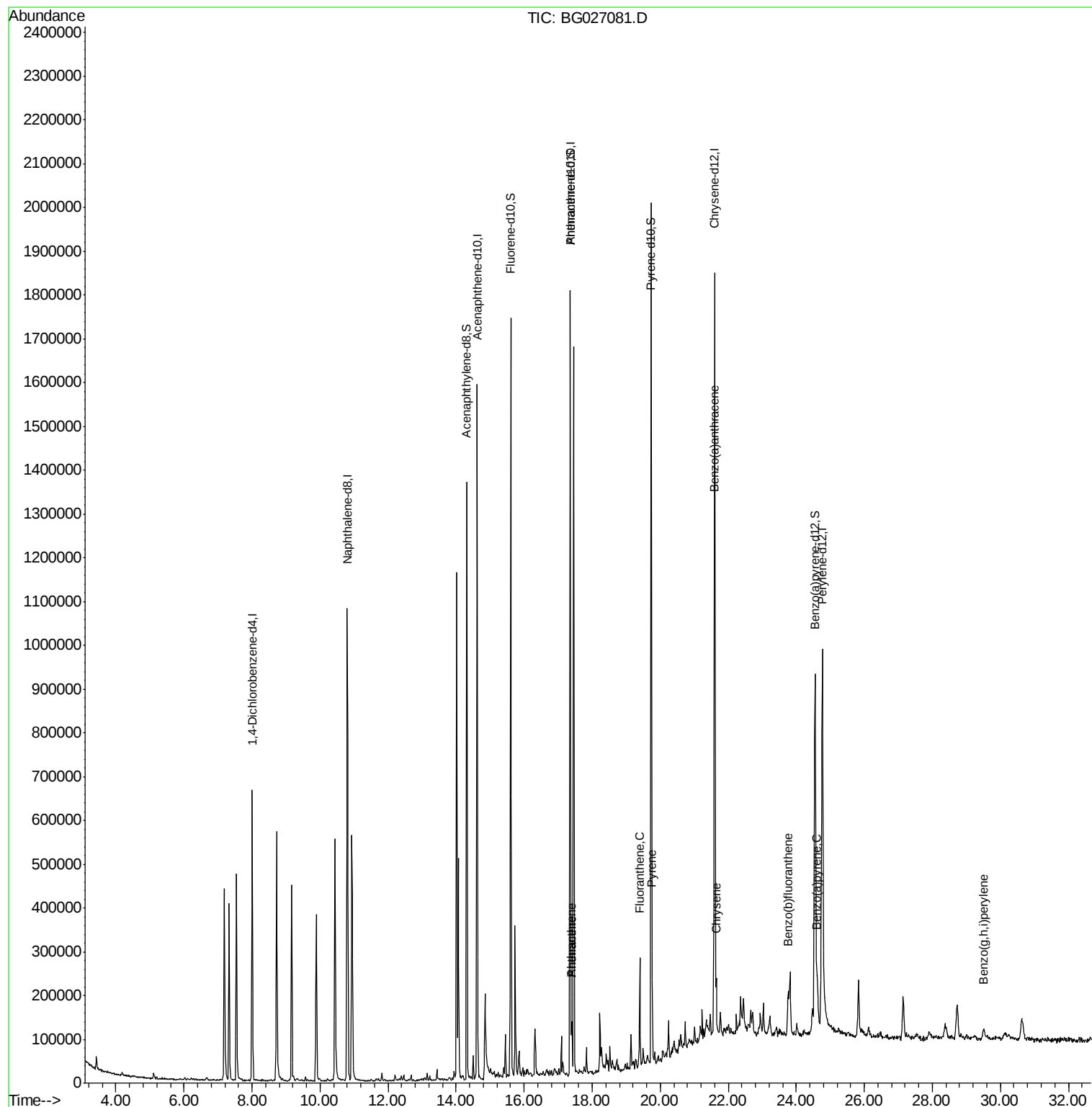
Target Compounds				Ovalue		
13) Phenanthrene	17.39	178	64917	1.10	ng/ul	96
15) Anthracene	17.39	178	64942	1.07	ng/ul	97
16) Fluoranthene	19.40	202	137763	2.28	ng/ul#	94
19) Pyrene	19.76	202	129654	2.12	ng/ul#	87
20) Benzo(a)anthracene	21.58	228	72300	1.28	ng/ul	96
21) Chrysene	21.64	228	79092	1.53	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	117971	2.31	ng/ul#	92
26) Benzo(a)pyrene	24.61	252	69638	1.39	ng/ul#	91
29) Benzo(g,h,i)perylene	29.50	276	37056	1.01	ng/ul#	76

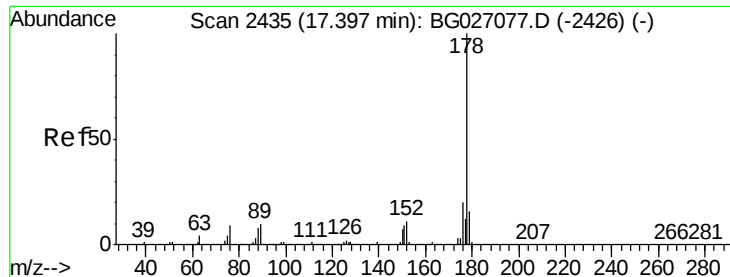
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.10 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Instrument :

BNA_G

ClientSampleId :

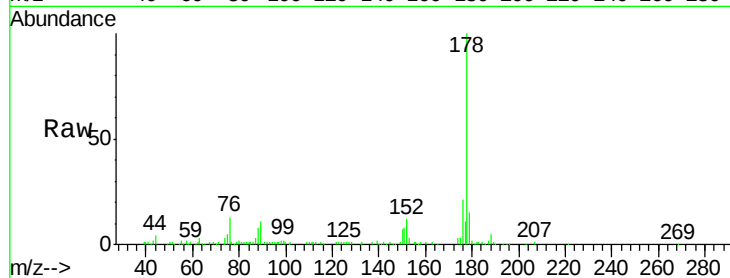
Tot Ion:178 Resp: 64917

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

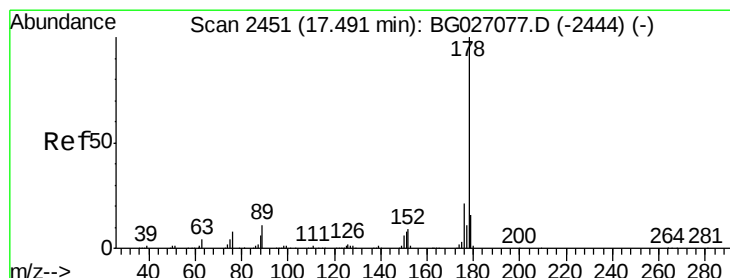
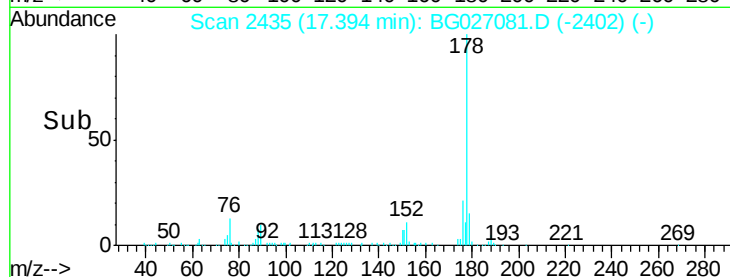
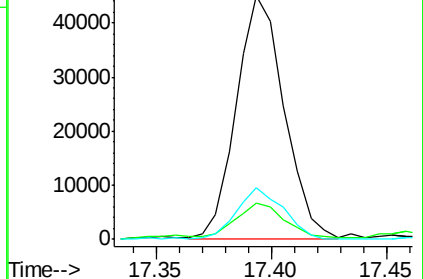
176 21.3 15.1 22.7



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



#15

Anthracene

Concen: 1.07 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.10 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

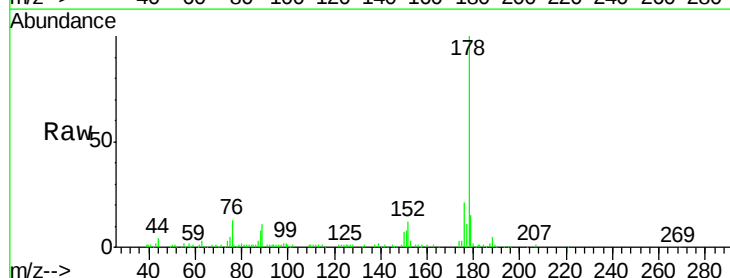
Tgt Ion:178 Resp: 64942

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

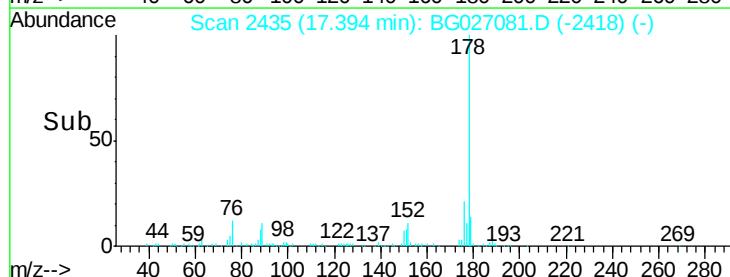
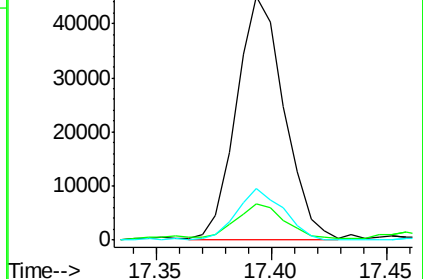
176 21.3 15.2 22.8

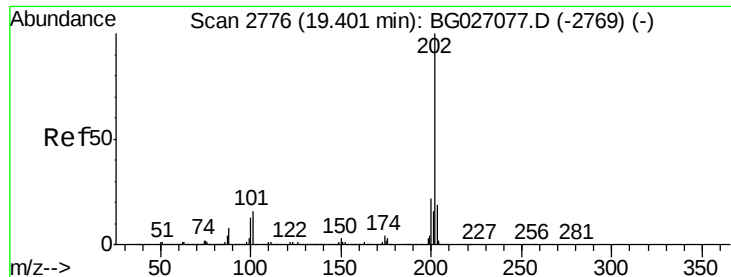


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 2.28 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027081.D

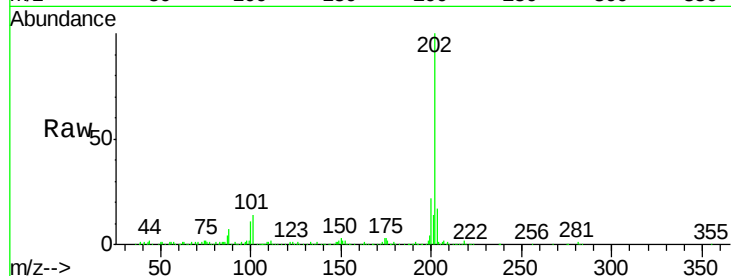
Acq: 23 May 2017 6:06

Instrument :

BNA_G

ClientSampleId :

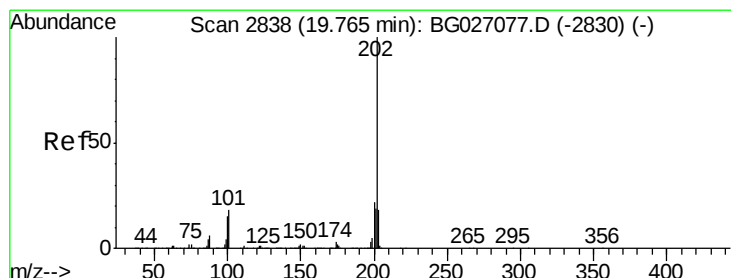
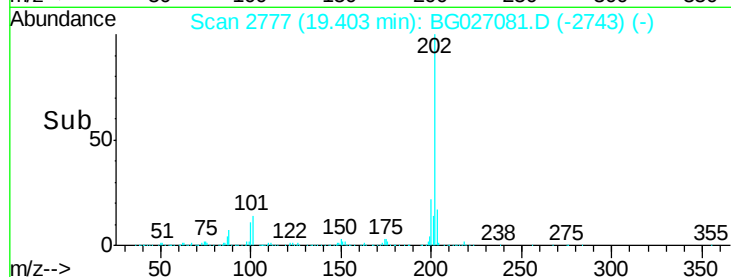
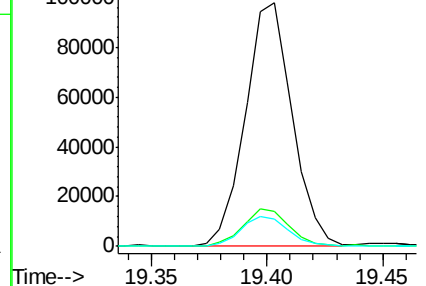
Tot Ion:	202	Resp:	137763
Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.4	7.4	11.0#



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: 2.12 ng/ul

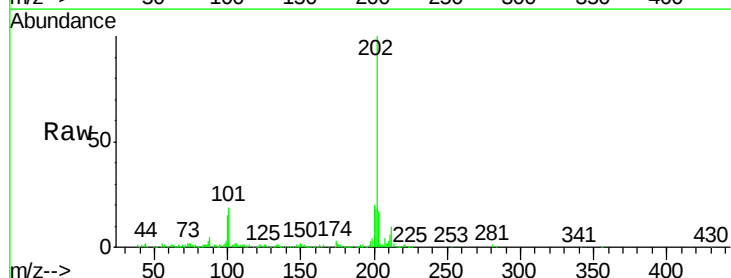
RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

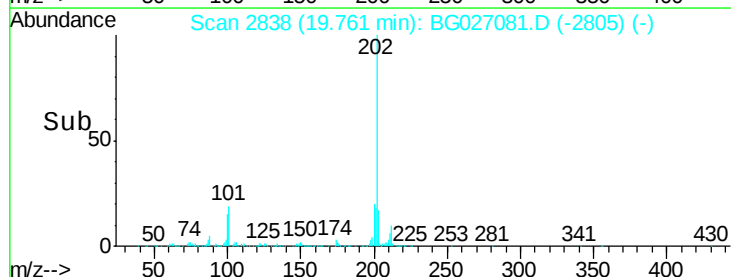
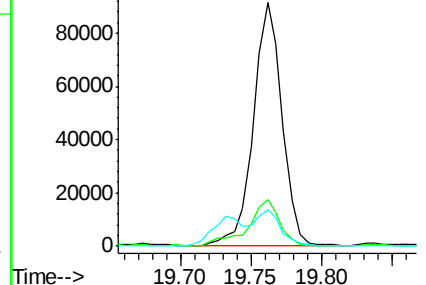
Tgt Ion:	202	Resp:	129654
Ion	Ratio	Lower	Upper
202	100		
101	19.0	11.0	16.4#
100	15.1	8.1	12.1#

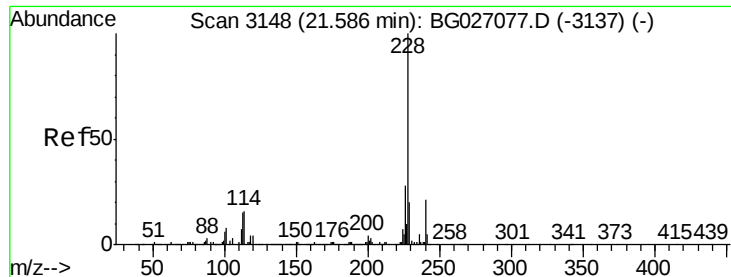


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.28 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Instrument :

BNA_G

ClientSampleId :

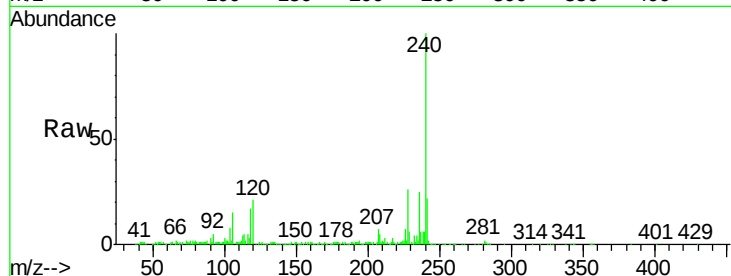
Tot Ion:228 Resp: 72300

Ion Ratio Lower Upper

228 100

229 22.9 15.7 23.5

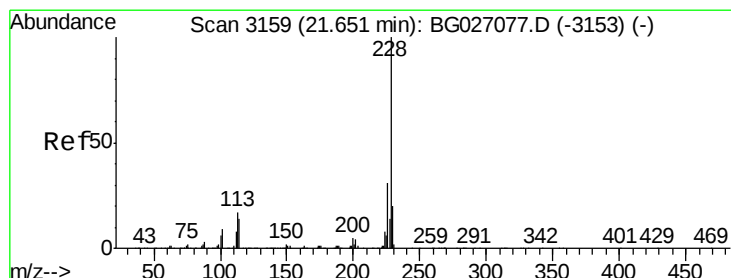
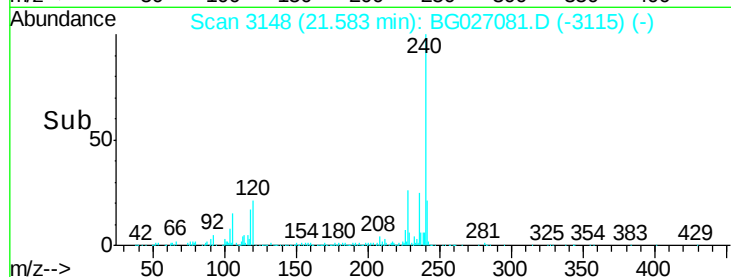
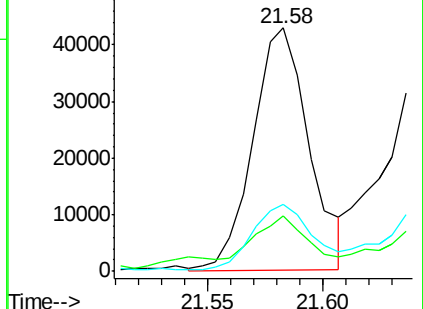
226 27.4 21.1 31.7



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: 1.53 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

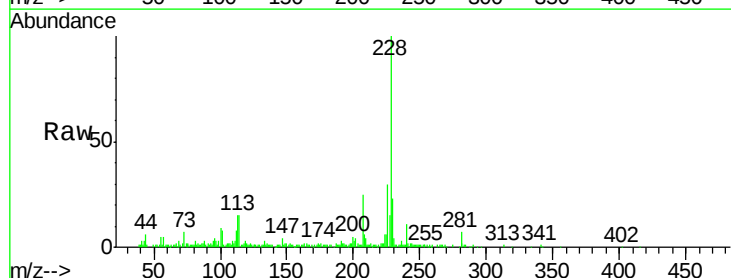
Tgt Ion:228 Resp: 79092

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

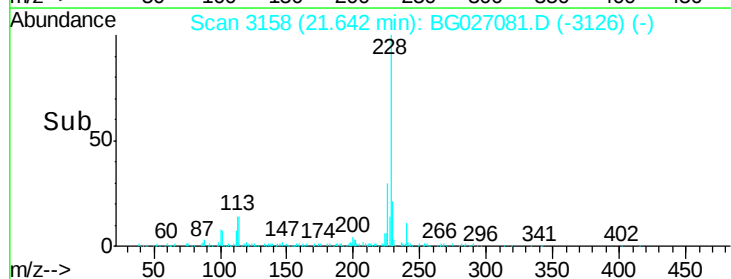
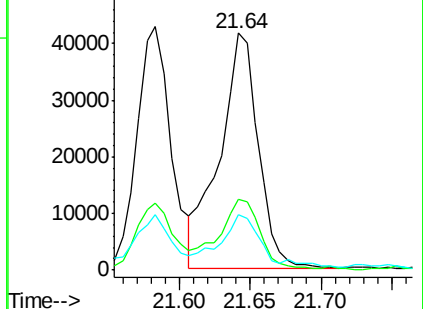
229 23.1 15.8 23.8

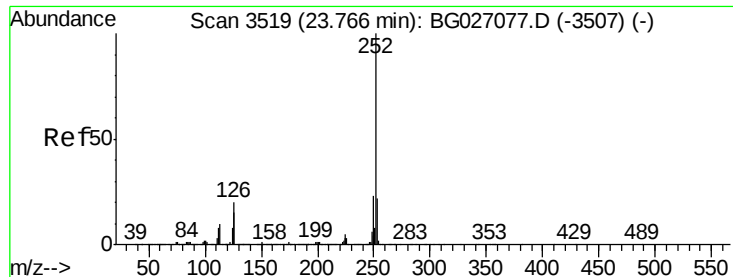


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.31 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Instrument :

BNA_G

ClientSampleId :

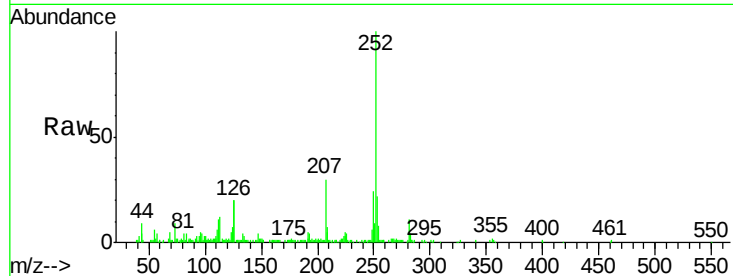
Tot Ion:252 Resp: 117971

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

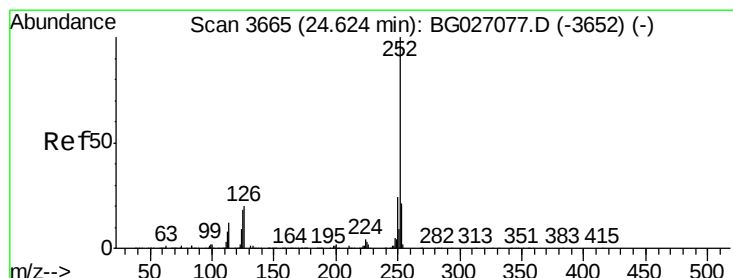
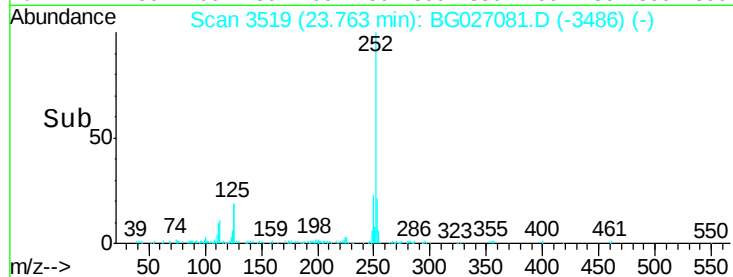
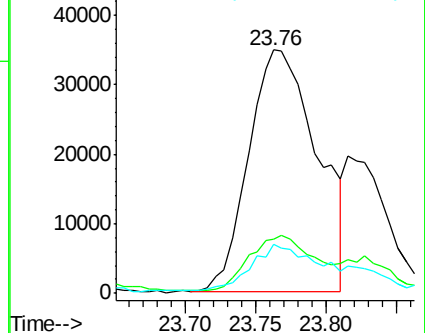
125 19.9 8.0 12.0#



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: 1.39 ng/ul

RT: 24.61 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

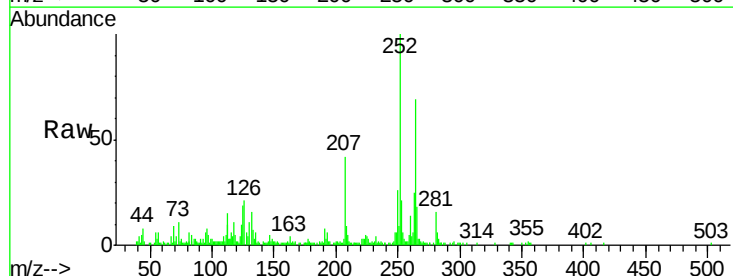
Tgt Ion:252 Resp: 69638

Ion Ratio Lower Upper

252 100

253 20.5 17.2 25.8

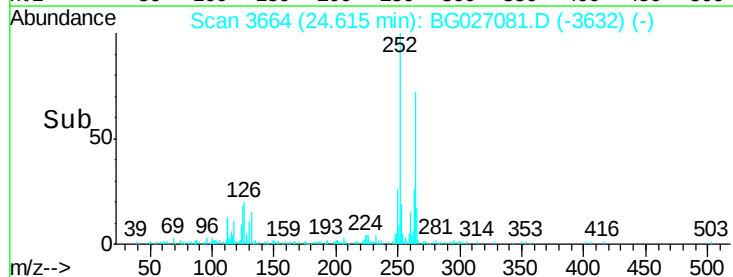
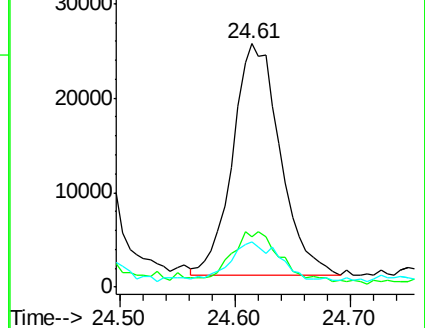
125 18.7 8.2 12.4#

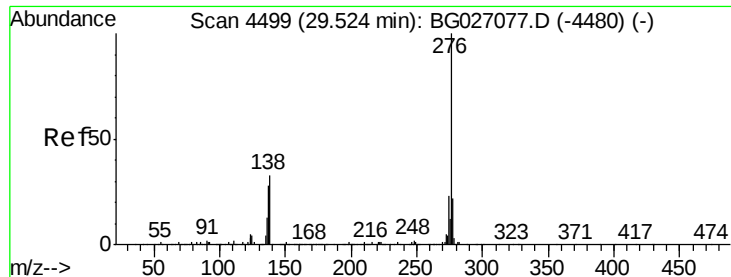


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.01 ng/ul

RT: 29.50 min Scan# 4496

Delta R.T. -0.02 min

Lab File: BG027081.D

Acq: 23 May 2017 6:06

Instrument :

BNA_G

ClientSampleId :

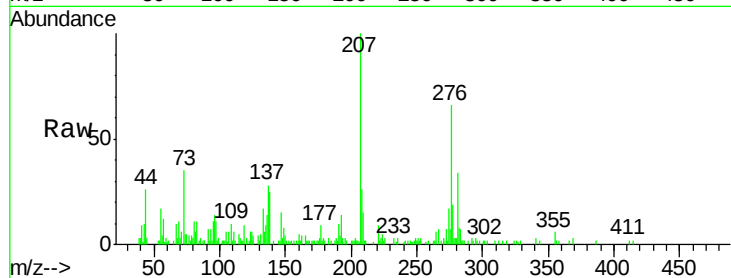
Tot Ion:276 Resp: 37056

Ion Ratio Lower Upper

276 100

138 37.2 15.3 22.9#

277 29.4 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

