

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026876.D
 Acq On : 6 May 2017 10:51
 Operator : SJ/MA
 Sample : I2842-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC33

Quant Time: May 08 01:35:10 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 08 01:28:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	189845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	909841	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	482219	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	887858	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	803192	20.00	ng/ul	0.00
83) Perylene-d12	24.77	264	832967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	16463	3.91	ng/uL	0.00
5) Phenol-d5	7.19	99	421782	24.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	236345	23.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	338745	23.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	338067	24.04	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	172264	22.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	187983	22.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	305095	23.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	384264	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	912491	23.51	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1187930	24.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	135896	19.43	ng/ul	0.00
57) Fluorene-d10	15.61	176	774785	22.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	87782	16.28	ng/ul	0.00
70) Anthracene-d10	17.46	188	1023579	23.76	ng/ul	0.00
76) Pyrene-d10	19.74	212	1044876	24.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	983759	24.98	ng/ul	0.00

Target Compounds

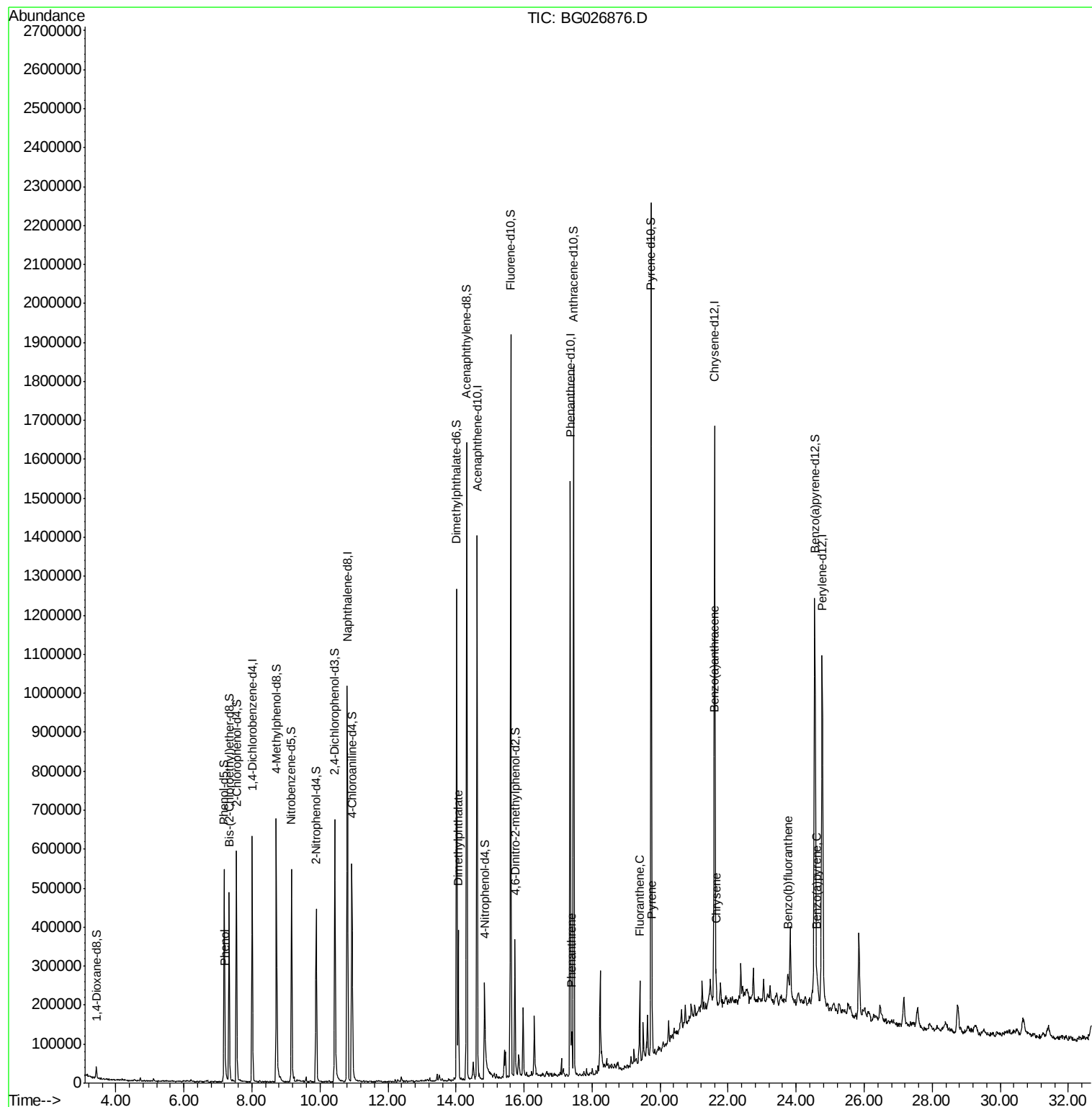
						Qvalue
6) Phenol	7.21	94	32514	1.89	ng/ul#	80
44) Dimethylphthalate	14.07	163	265169	6.98	ng/ul	98
69) Phenanthrene	17.40	178	65941	1.32	ng/ul	97
74) Fluoranthene	19.40	202	114928	2.48	ng/ul#	80
77) Pyrene	19.77	202	109087	2.02	ng/ul#	80
80) Benzo(a)anthracene	21.58	228	55923	1.19	ng/ul	96
82) Chrysene	21.65	228	54927	1.26	ng/ul	96
85) Benzo(b)fluoranthene	23.76	252	70323	1.48	ng/ul#	87
88) Benzo(a)pyrene	24.61	252	47006	1.00	ng/ul#	85

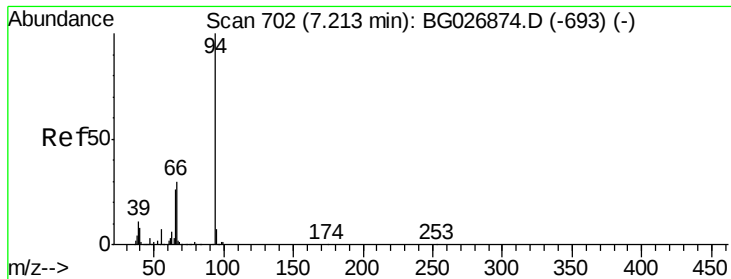
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.89 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

Instrument :

BNA_G

ClientSampleId :

BDC33

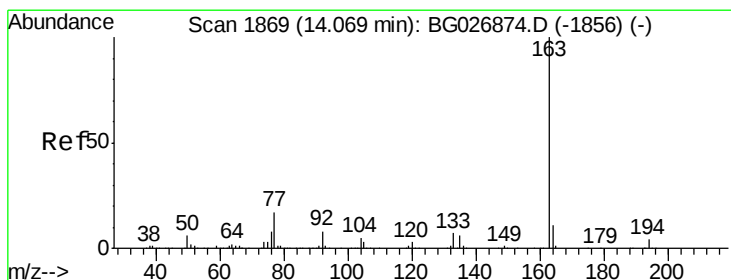
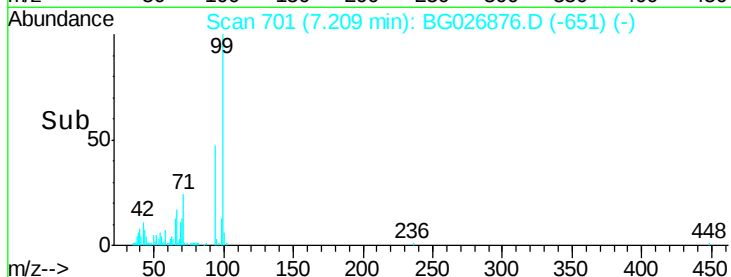
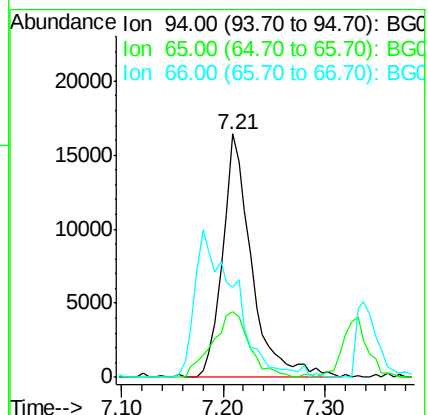
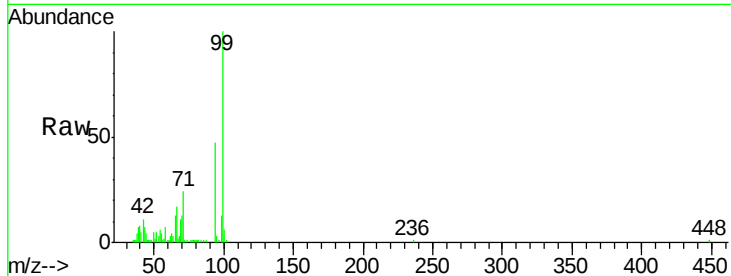
Tgt Ion: 94 Resp: 32514

Ion Ratio Lower Upper

94 100

65 26.9 26.8 40.2

66 37.1 44.4 66.6#



#44

Dimethylphthalate

Concen: 6.98 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

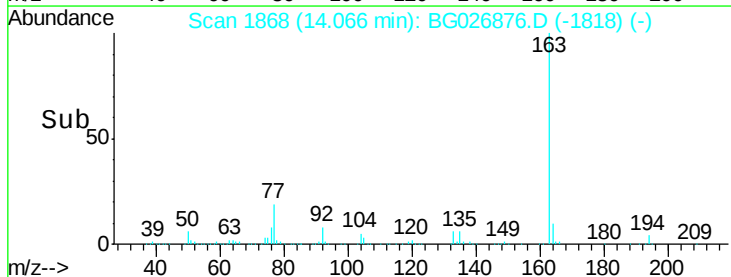
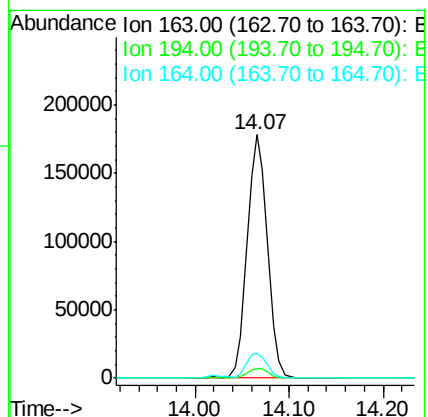
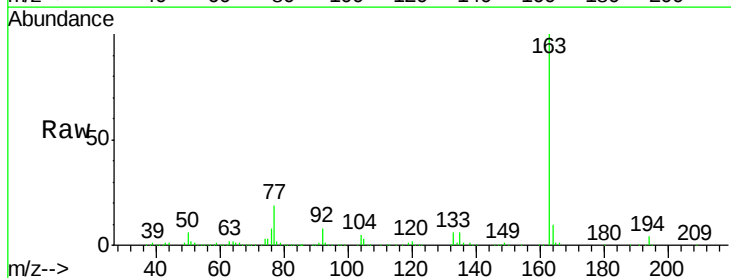
Tgt Ion: 163 Resp: 265169

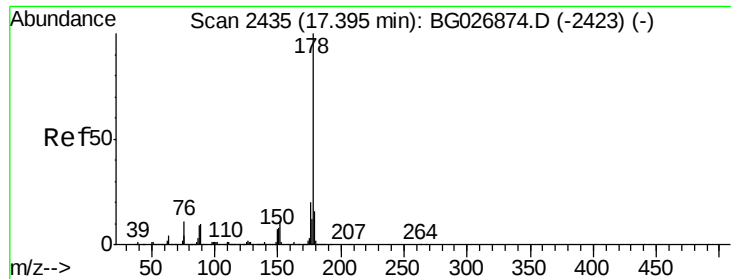
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 9.0 13.4





#69

Phenanthrene

Concen: 1.32 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

Instrument :

BNA_G

ClientSampled :

BDC33

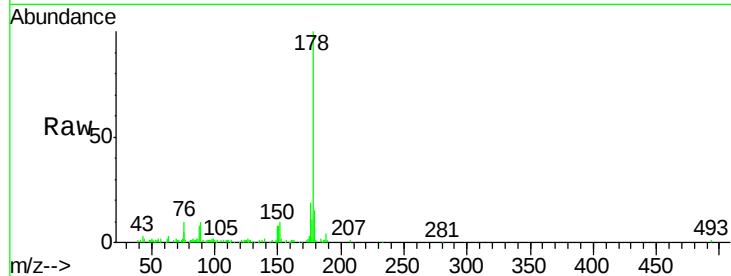
Tgt Ion:178 Resp: 65941

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

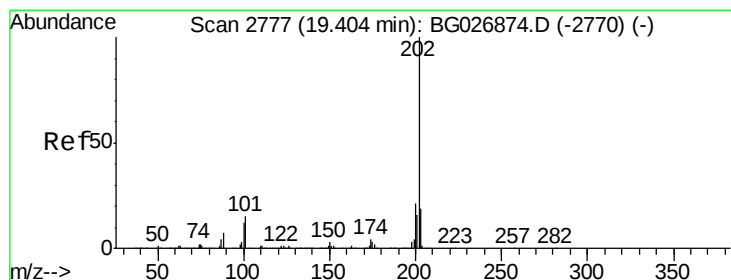
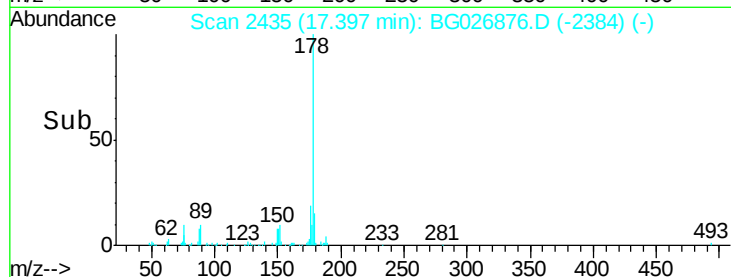
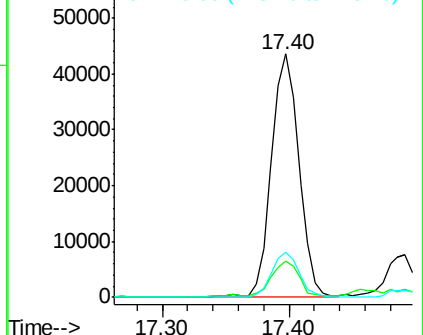
176 18.8 16.5 24.7



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



#74

Fluoranthene

Concen: 2.48 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

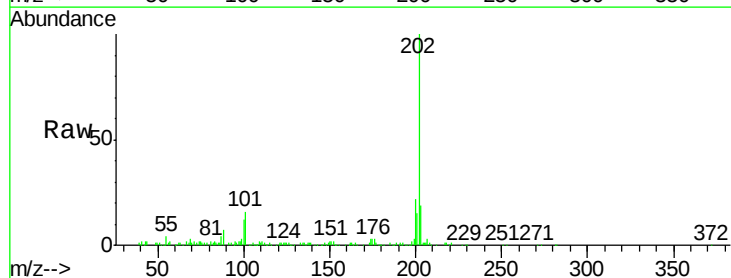
Tgt Ion:202 Resp: 114928

Ion Ratio Lower Upper

202 100

101 15.7 6.2 9.2#

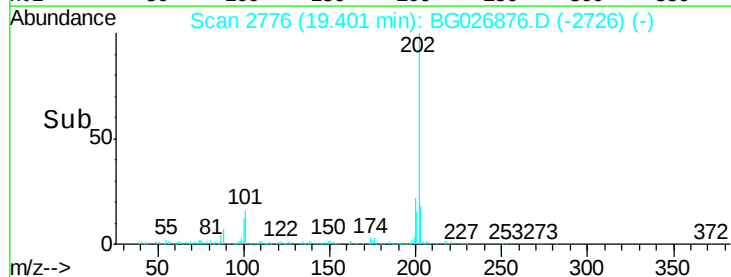
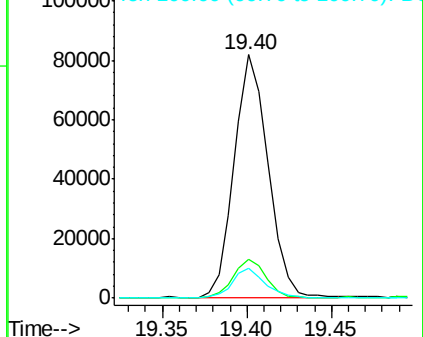
100 12.1 5.2 7.8#

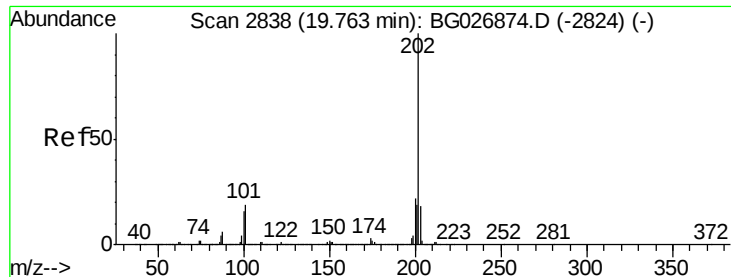


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.02 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

Instrument :

BNA_G

ClientSampleId :

BDC33

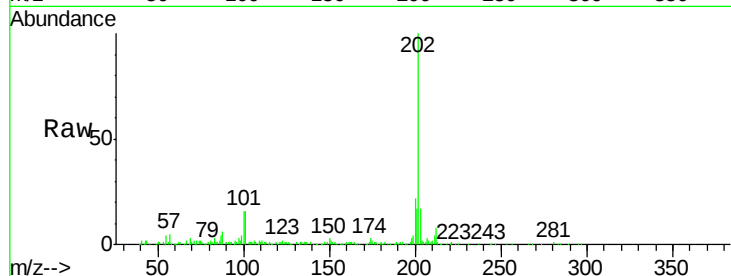
Tgt Ion:202 Resp: 109087

Ion Ratio Lower Upper

202 100

101 15.7 6.9 10.3#

100 15.6 6.6 10.0#

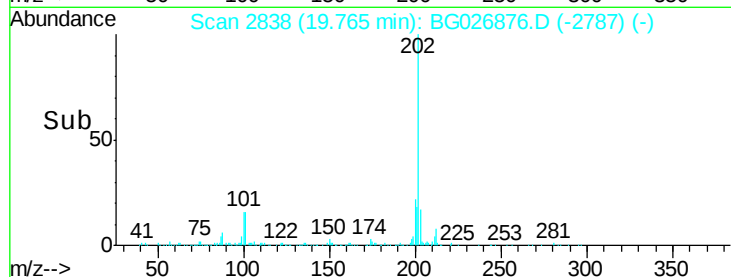


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



19.77

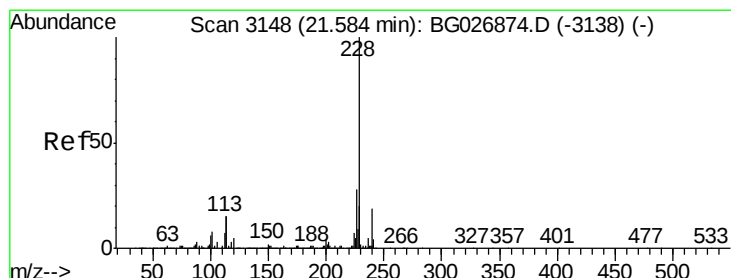
80000

60000

40000

20000

0



#80

Benzo(a)anthracene

Concen: 1.19 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

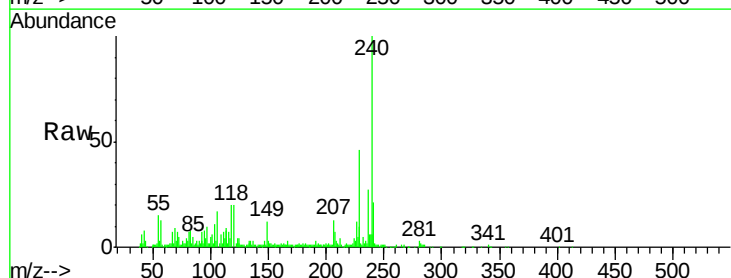
Tgt Ion:228 Resp: 55923

Ion Ratio Lower Upper

228 100

229 22.4 16.3 24.5

226 25.2 21.9 32.9

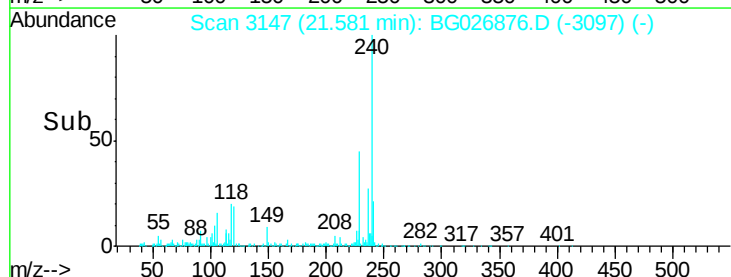


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



21.58

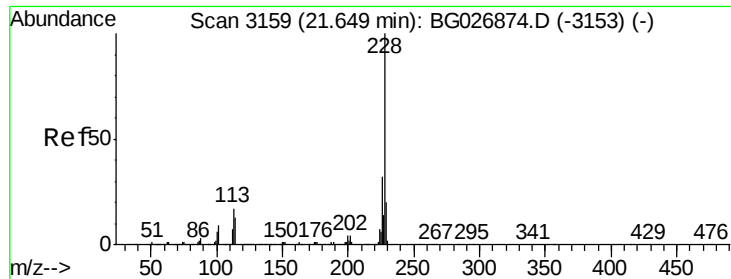
40000

30000

20000

10000

0



#82

Chrysene

Concen: 1.26 ng/ul

RT: 21.65 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

Instrument :

BNA_G

ClientSampleId :

BDC33

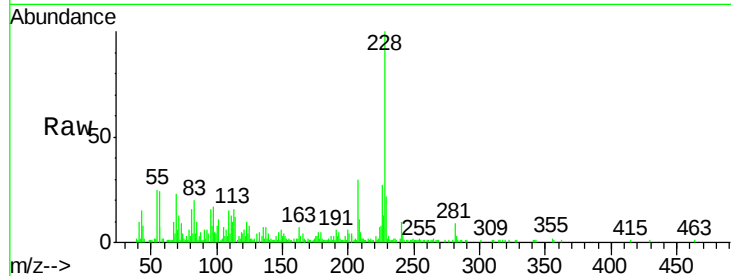
Tgt Ion:228 Resp: 54927

Ion Ratio Lower Upper

228 100

226 27.2 24.0 36.0

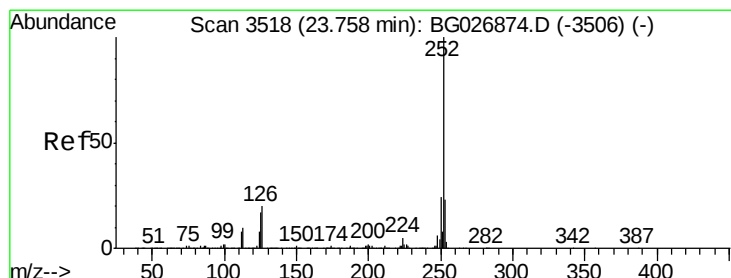
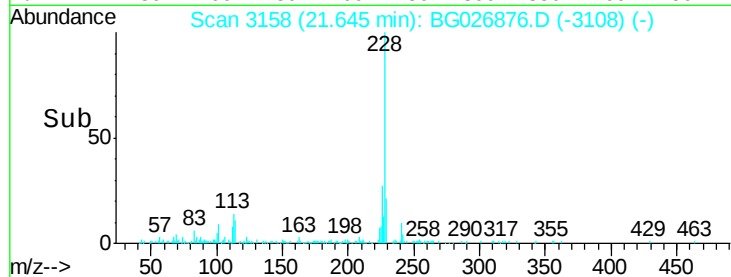
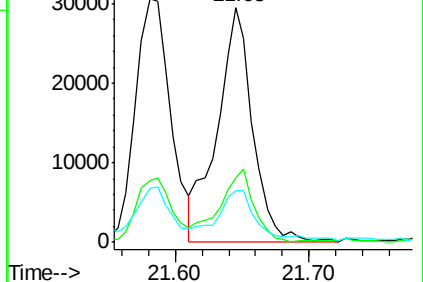
229 22.1 16.9 25.3



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



#85

Benzo(b)fluoranthene

Concen: 1.48 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG026876.D

Acq: 6 May 2017 10:51

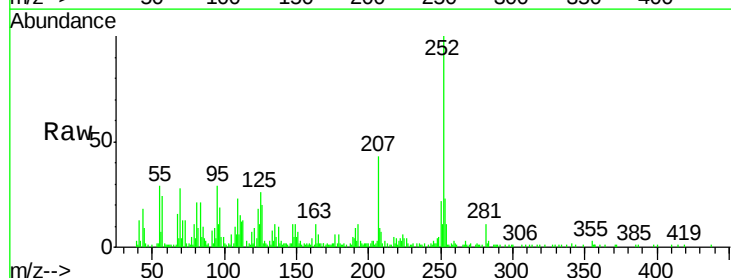
Tgt Ion:252 Resp: 70323

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

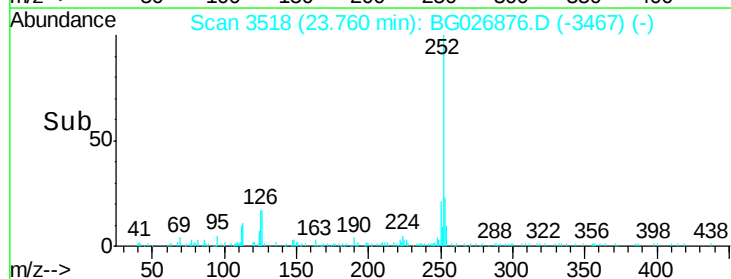
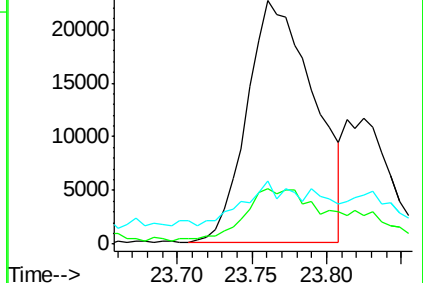
125 25.8 4.0 6.0#

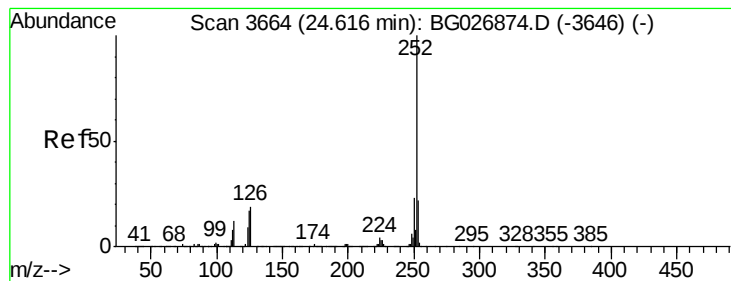


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.00 ng/ul

RT: 24.61 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BG026876.D

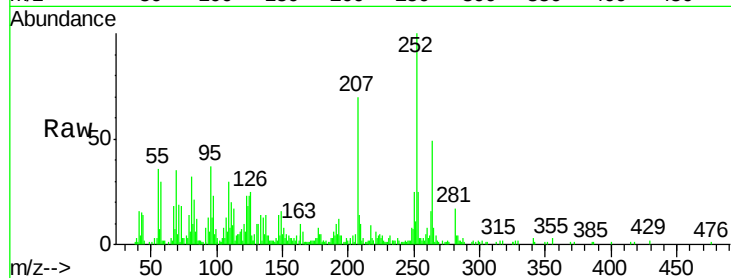
Acq: 6 May 2017 10:51

Instrument :

BNA_G

ClientSampleId :

BDC33



Tgt Ion:	252	Resp:	47006
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.8	26.6
125	23.3	5.4	8.0#

