

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
 Data File : BG018140.D
 Acq On : 28 Jul 2015 10:23
 Operator : TP/UM
 Sample : G3048-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Y7

Quant Time: Jul 28 14:19:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 01:54:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	38473	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	172755	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	106336	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	229448	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	233333	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	233422	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	1401	2.28	ng/uL	0.00
5) Phenol-d5	6.69	99	29933	10.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	15831	10.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	29857	11.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	22367	8.50	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	15024	11.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	13553	9.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	26874	10.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	33090	11.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	86199	11.55	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	88894	9.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	4546	2.89	ng/ul	0.00
58) Fluorene-d10	15.18	176	63669	9.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	1679	1.14	ng/ul	0.00
71) Anthracene-d10	17.04	188	88601	8.92	ng/ul	0.00
79) Pyrene-d10	19.35	212	93413	8.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	92098	8.27	ng/ul	0.01

Target Compounds

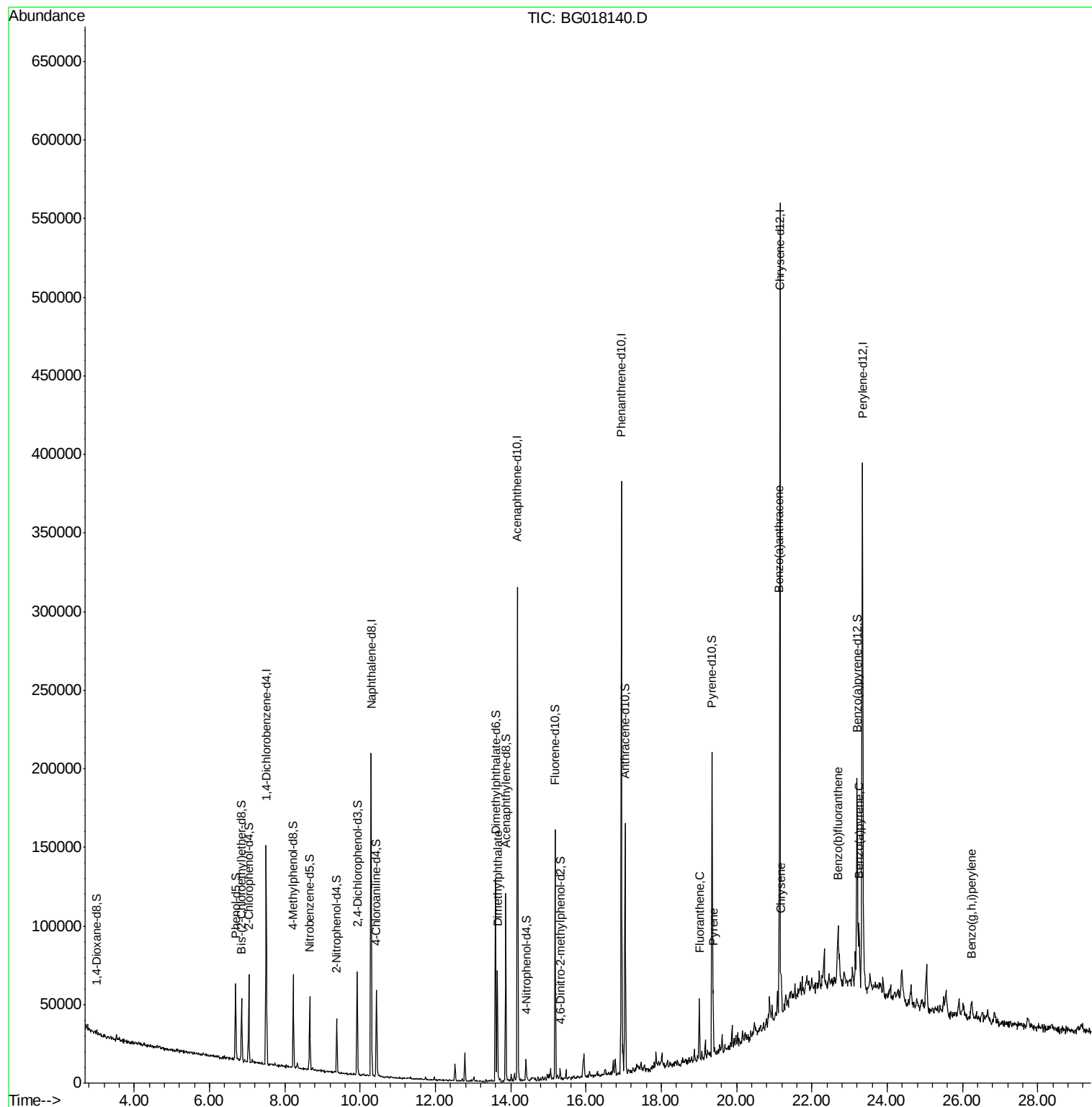
						Qvalue
45) Dimethylphthalate	13.65	163	47938	6.38	ng/ul	97
77) Fluoranthene	19.01	202	23464	1.91	ng/ul	96
80) Pyrene	19.38	202	22646	1.69	ng/ul	99
83) Benzo(a)anthracene	21.13	228	15827	1.28	ng/ul#	88
85) Chrysene	21.19	228	13966	1.20	ng/ul#	95
88) Benzo(b)fluoranthene	22.69	252	24972	1.95	ng/ul#	93
91) Benzo(a)pyrene	23.25	252	19005	1.53	ng/ul#	86
94) Benzo(g,h,i)perylene	26.24	276	12777	1.08	ng/ul	98

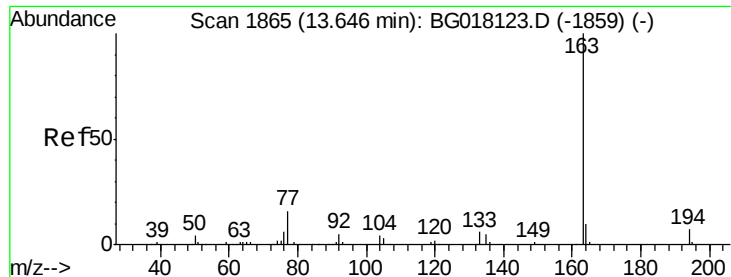
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.38 ng/ul

RT: 13.65 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

Instrument :

BNA_G

ClientSampleId :

C01Y7

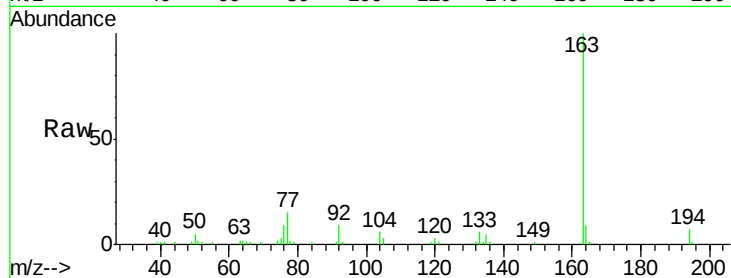
Tgt Ion:163 Resp: 47938

Ion Ratio Lower Upper

163 100

194 7.4 5.4 8.2

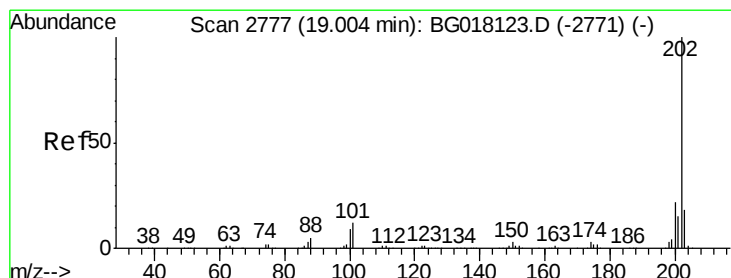
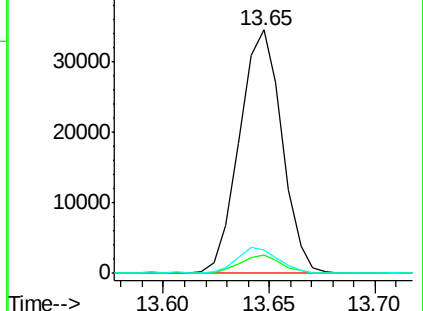
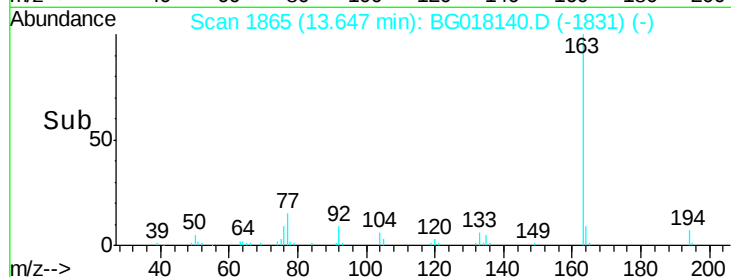
164 9.5 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 1.91 ng/ul

RT: 19.01 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

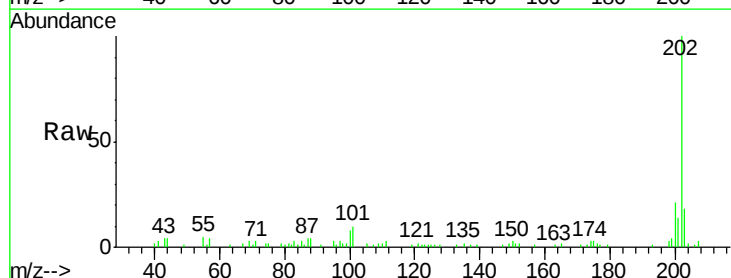
Tgt Ion:202 Resp: 23464

Ion Ratio Lower Upper

202 100

101 10.2 9.1 13.7

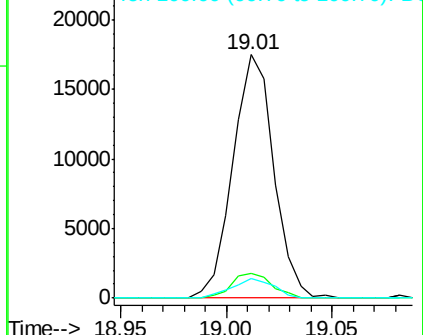
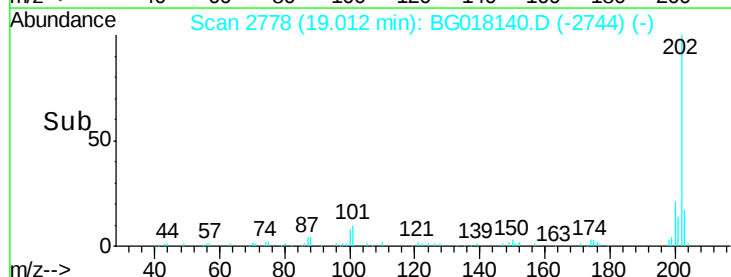
100 8.0 7.5 11.3

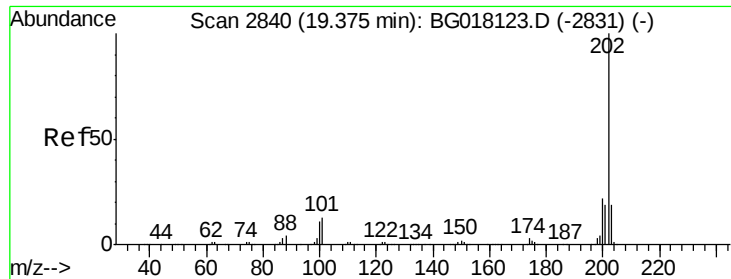


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

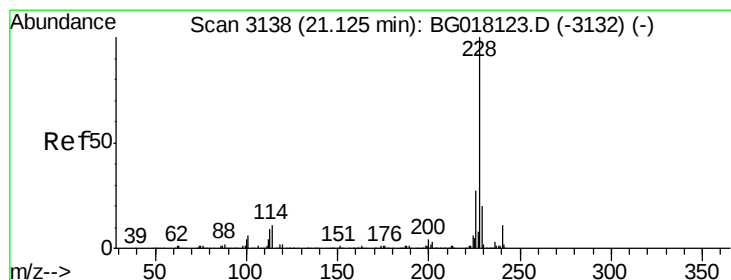
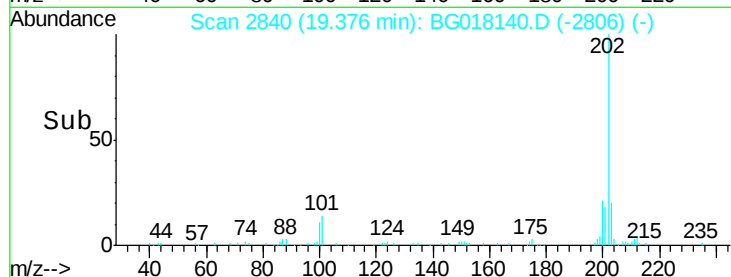
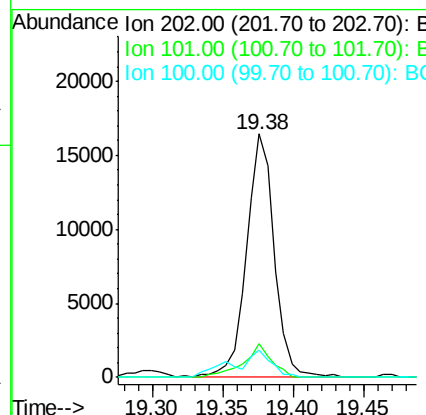
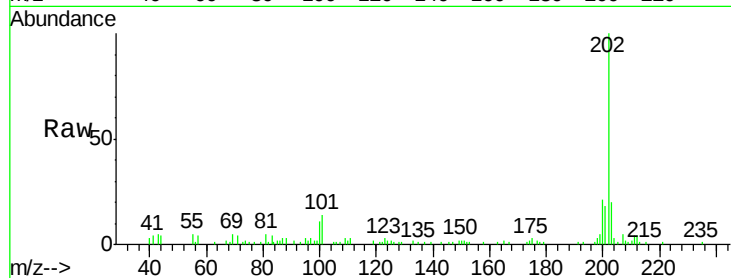




#80
Pyrene
Concen: 1.69 ng/ul
RT: 19.38 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BG018140.D
Acq: 28 Jul 2015 10:23

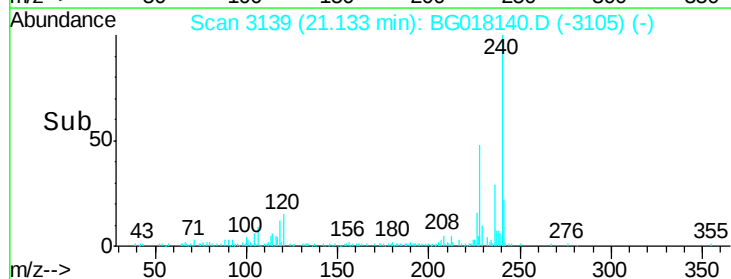
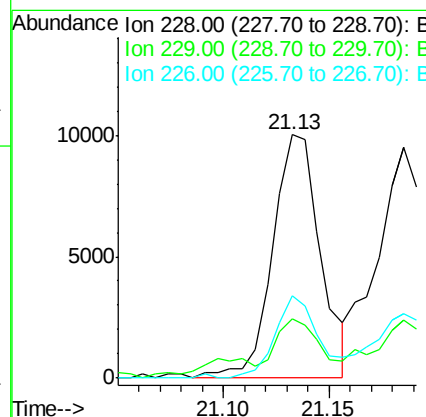
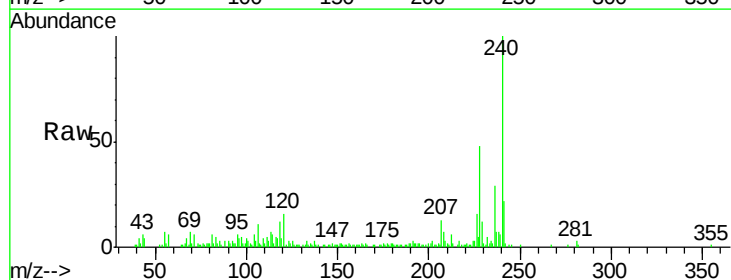
Instrument :
BNA_G
ClientSampleId :
C01Y7

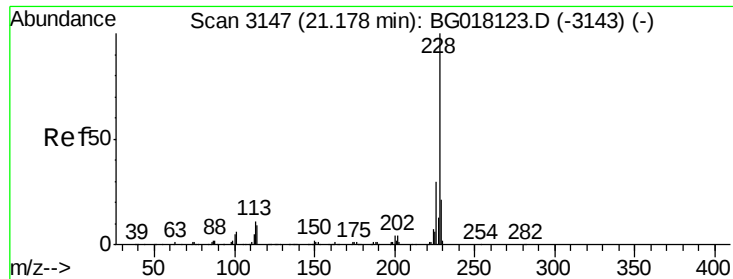
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	11.1	8.5	12.7



#83
Benzo(a)anthracene
Concen: 1.28 ng/ul
RT: 21.13 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG018140.D
Acq: 28 Jul 2015 10:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.6	24.8
226	33.9	21.1	31.7#





#85

Chrysene

Concen: 1.20 ng/ul

RT: 21.19 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

Instrument :

BNA_G

ClientSampled :

C01Y7

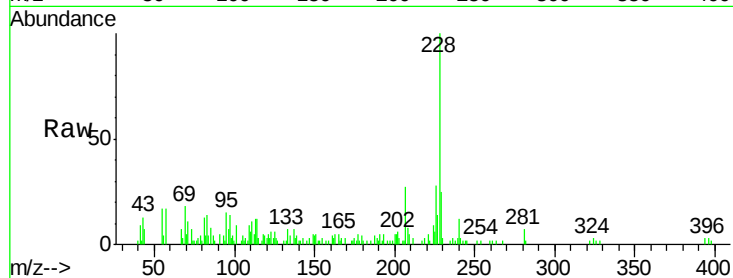
Tgt Ion:228 Resp: 13966

Ion Ratio Lower Upper

228 100

226 28.2 22.9 34.3

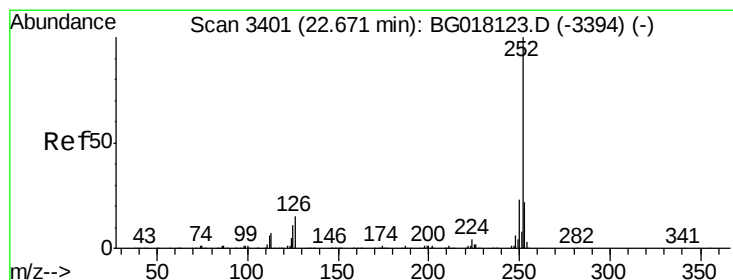
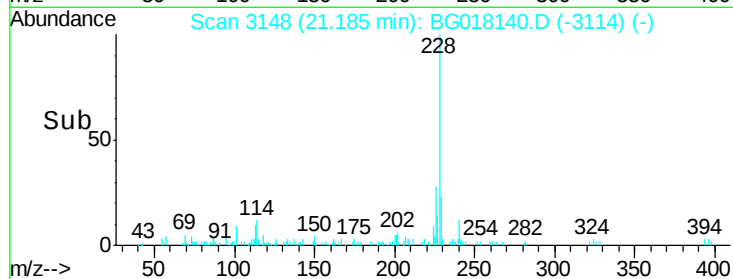
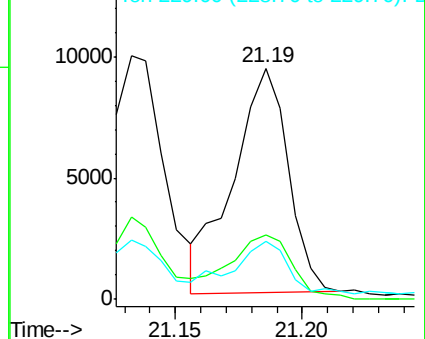
229 25.1 15.6 23.4#



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



#88

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

RT: 22.69 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

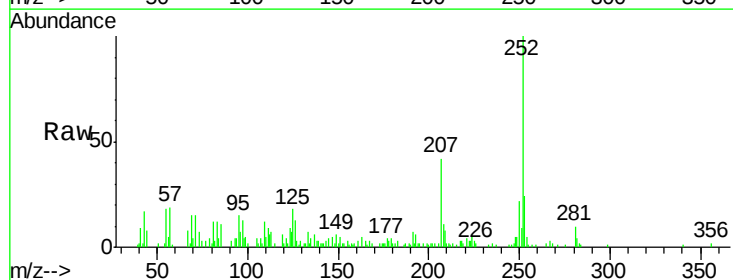
Tgt Ion:252 Resp: 24972

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

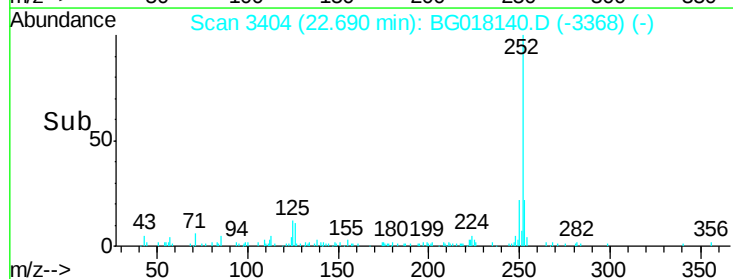
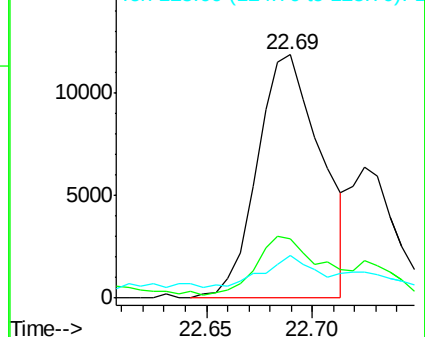
125 17.7 9.1 13.7#

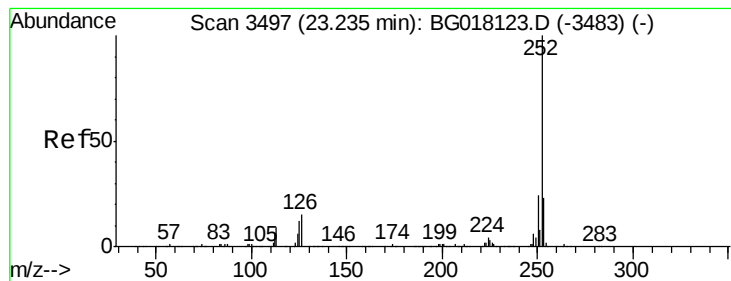


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.53 ng/ul

RT: 23.25 min Scan# 3499

Delta R.T. 0.01 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

Instrument :

BNA_G

ClientSampleId :

C01Y7

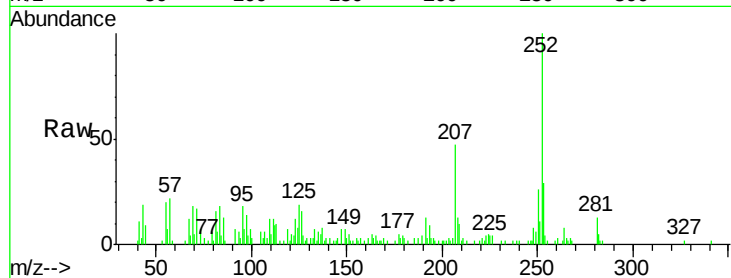
Tgt Ion:252 Resp: 19005

Ion Ratio Lower Upper

252 100

253 28.9 18.0 27.0#

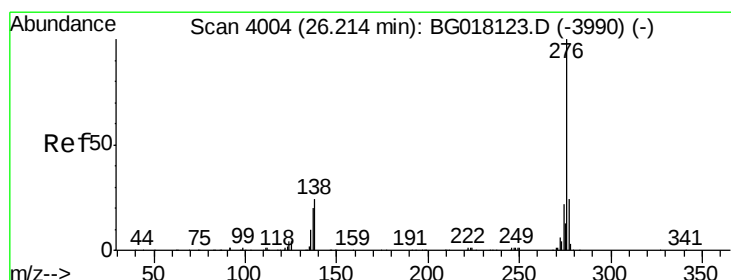
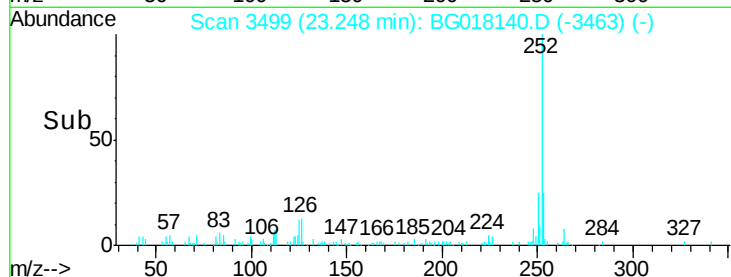
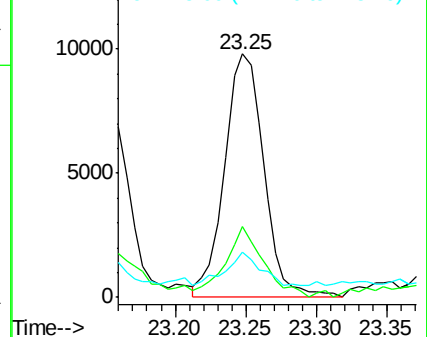
125 18.7 10.2 15.2#



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



#94

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 26.24 min Scan# 4008

Delta R.T. 0.02 min

Lab File: BG018140.D

Acq: 28 Jul 2015 10:23

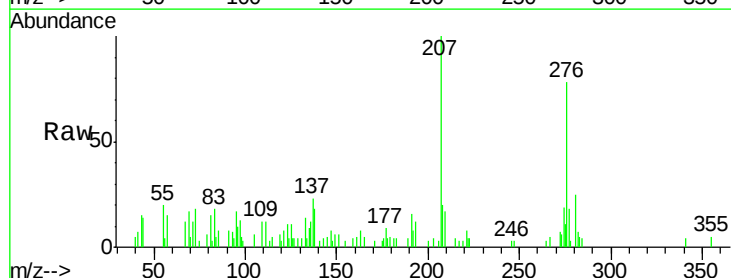
Tgt Ion:276 Resp: 12777

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

277 22.7 19.3 28.9



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

