

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018548.D
 Acq On : 29 Aug 2015 22:34
 Operator : UM/MA
 Sample : G3476-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ8

Quant Time: Aug 31 03:40:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 31 03:36:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	98751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	486848	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	324932	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	735455	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	726364	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	714539	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	7373	3.30	ng/uL	0.00
5) Phenol-d5	7.17	99	246684	27.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	140954	25.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	178186	25.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	191651	25.45	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	100420	26.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	110698	28.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	235553	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	245875	26.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	717310	26.24	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	885795	25.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	131949	26.83	ng/ul	0.00
58) Fluorene-d10	15.63	176	634156	26.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	96021	26.54	ng/ul	-0.01
71) Anthracene-d10	17.48	188	947058	26.92	ng/ul	-0.01
79) Pyrene-d10	19.76	212	879435	23.34	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	835580	22.03	ng/ul	-0.06

Target Compounds

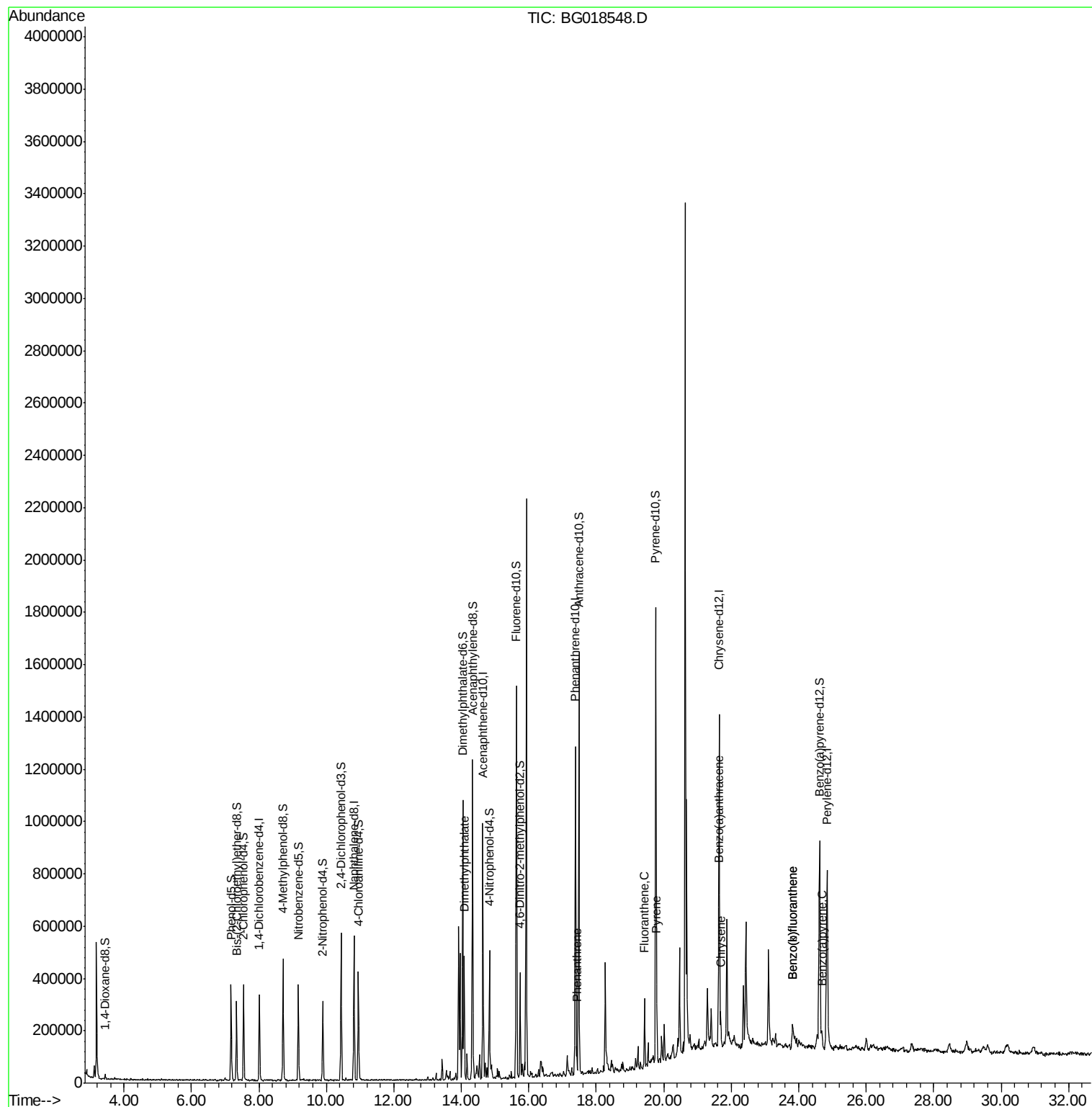
						Qvalue
45) Dimethylphthalate	14.09	163	298720	11.08	ng/ul	100
70) Phenanthrene	17.42	178	68474	1.72	ng/ul	95
77) Fluoranthene	19.43	202	148647	3.49	ng/ul	97
80) Pyrene	19.79	202	162819	3.32	ng/ul	98
83) Benzo(a)anthracene	21.62	228	71068	1.58	ng/ul#	91
85) Chrysene	21.68	228	91060	2.16	ng/ul	93
88) Benzo(b)fluoranthene	23.82	252	101757	2.27	ng/ul#	91
89) Benzo(k)fluoranthene	23.82	252	101757	2.35	ng/ul#	91
91) Benzo(a)pyrene	24.69	252	68499	1.60	ng/ul#	97

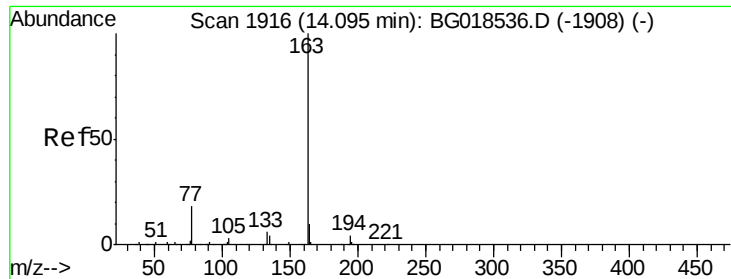
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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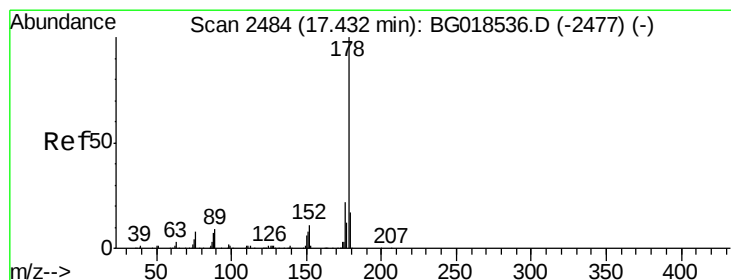
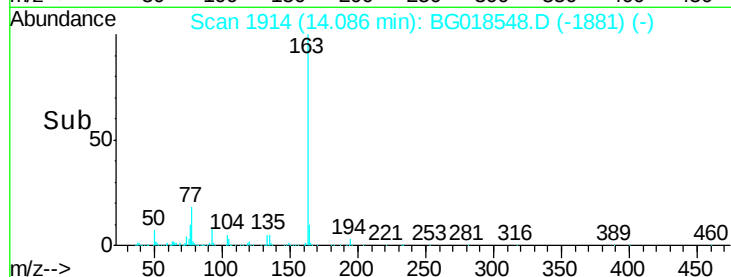
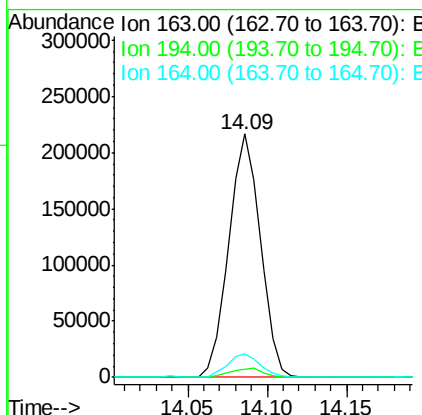
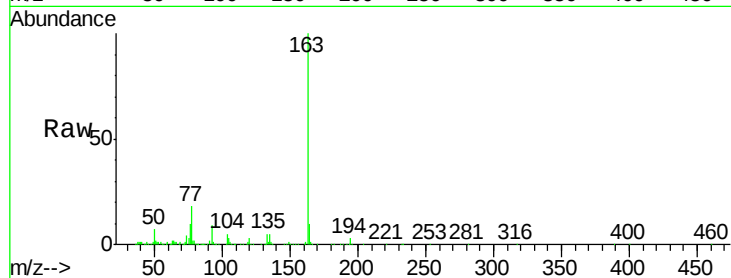




#45
Dimethylphthalate
Concen: 11.08 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018548.D
Acq: 29 Aug 2015 22:34

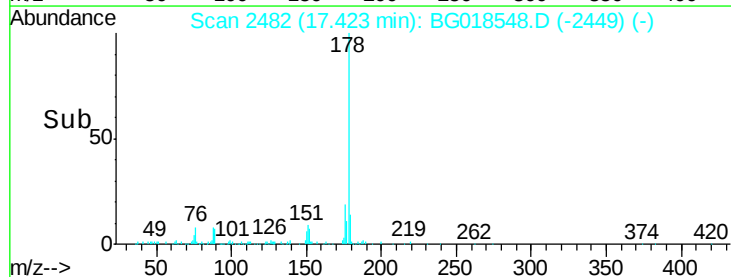
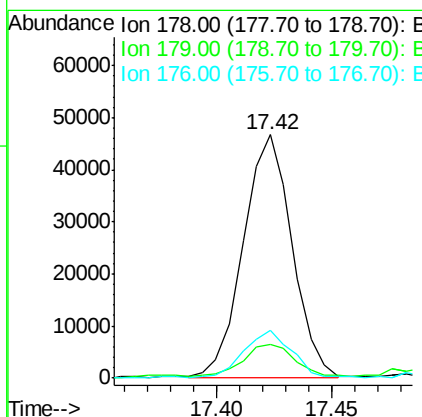
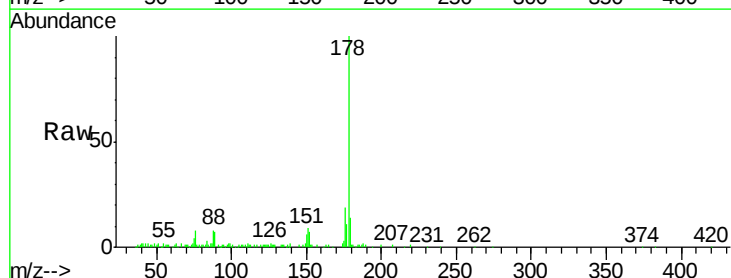
Instrument :
BNA_G
ClientSampleId :
BCTJ8

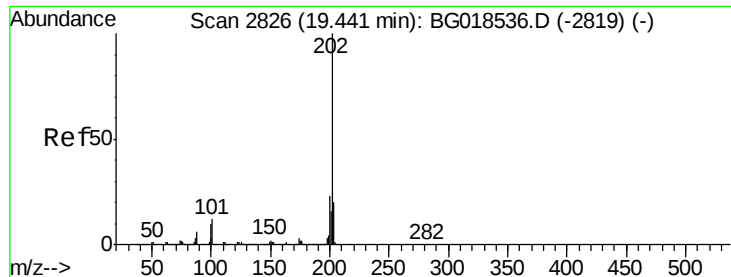
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.5	7.7	11.5



#70
Phenanthrene
Concen: 1.72 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018548.D
Acq: 29 Aug 2015 22:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	13.7	20.5
176	19.4	16.6	24.8





#77

Fluoranthene

Concen: 3.49 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

Instrument :

BNA_G

ClientSampleId :

BCTJ8

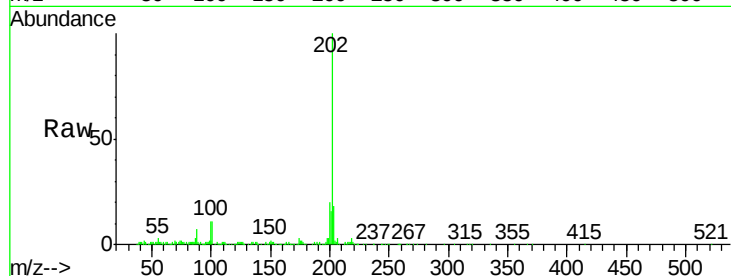
Tgt Ion:202 Resp: 148647

Ion Ratio Lower Upper

202 100

101 10.9 9.7 14.5

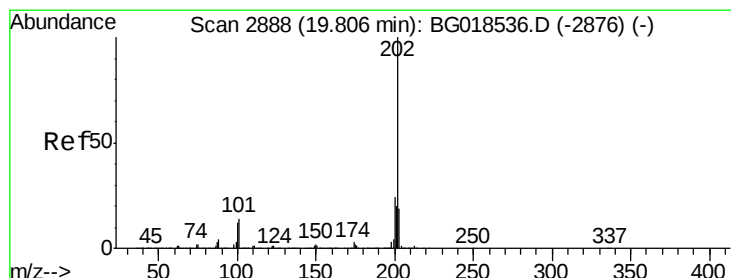
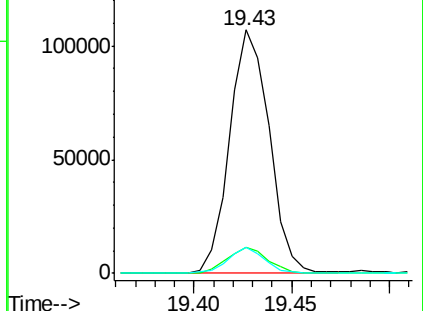
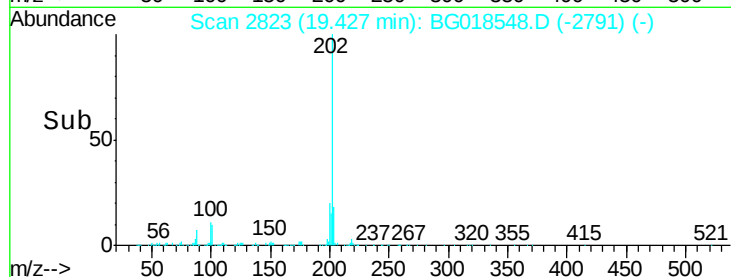
100 10.6 7.8 11.8



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



#80

Pyrene

Concen: 3.32 ng/ul

RT: 19.79 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

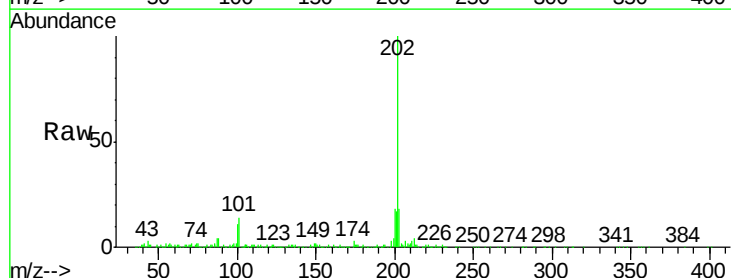
Tgt Ion:202 Resp: 162819

Ion Ratio Lower Upper

202 100

101 13.7 11.0 16.4

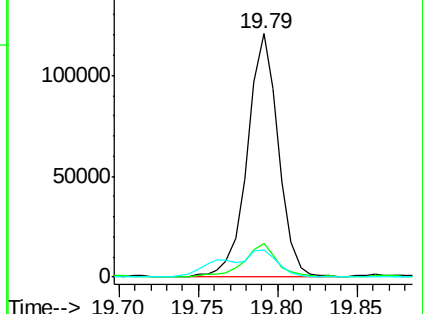
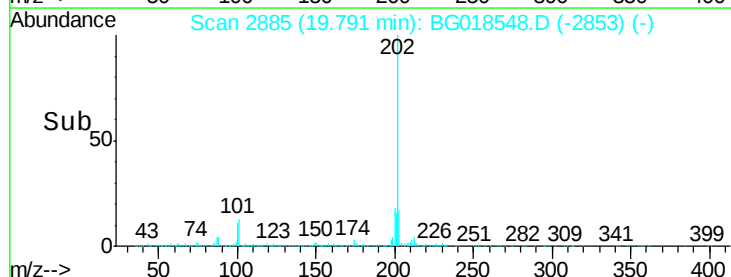
100 11.0 9.8 14.6

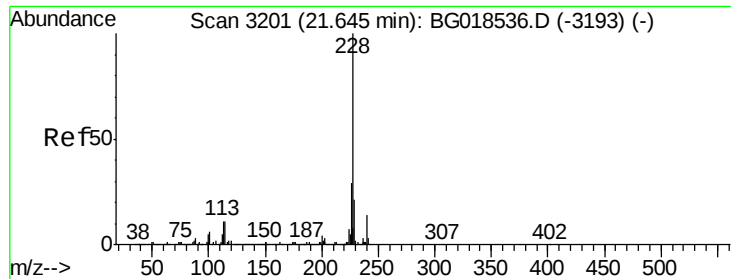


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.58 ng/ul

RT: 21.62 min Scan# 3196

Delta R.T. -0.03 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

Instrument :

BNA_G

ClientSampleId :

BCTJ8

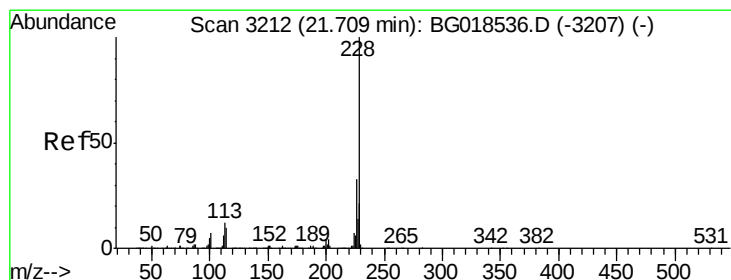
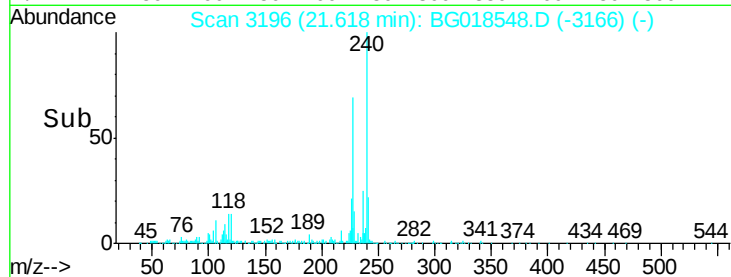
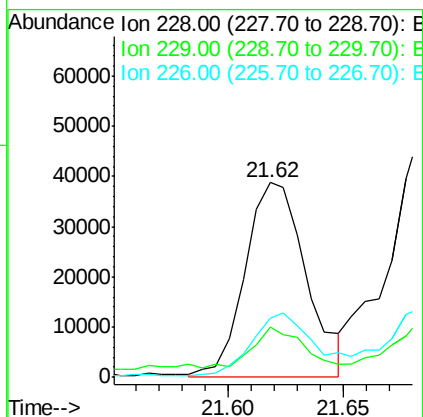
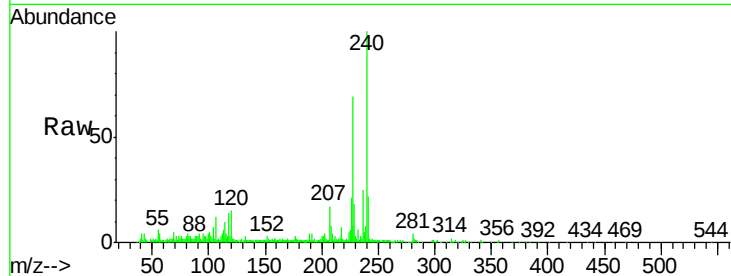
Tgt Ion:228 Resp: 71068

Ion Ratio Lower Upper

228 100

229 25.6 15.5 23.3#

226 30.5 22.1 33.1



#85

Chrysene

Concen: 2.16 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.03 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

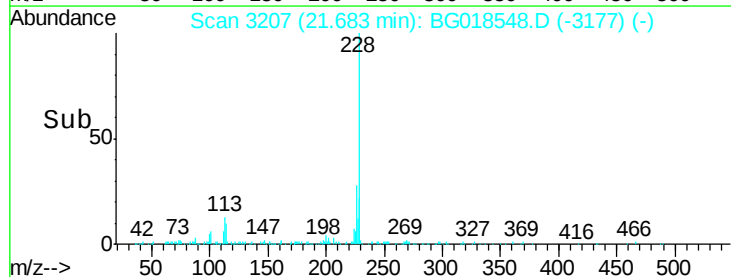
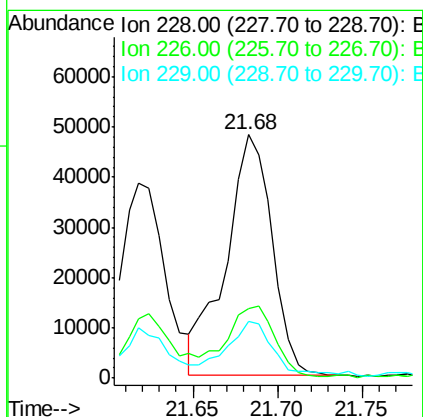
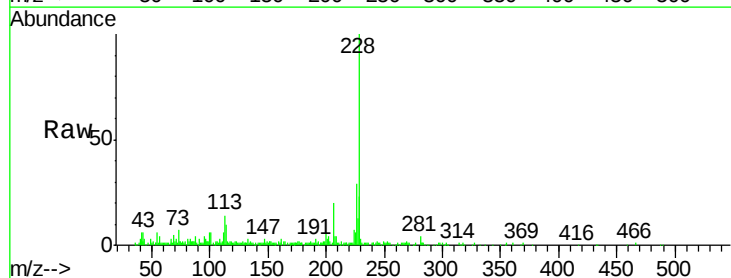
Tgt Ion:228 Resp: 91060

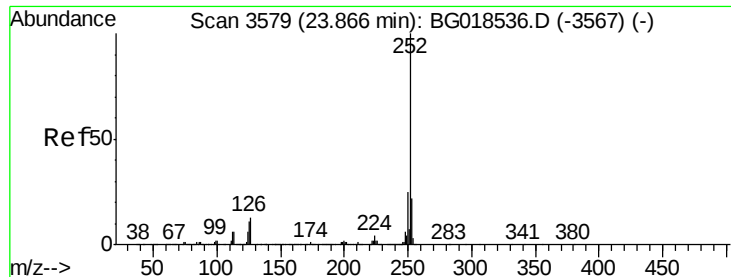
Ion Ratio Lower Upper

228 100

226 28.5 26.5 39.7

229 23.3 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 2.27 ng/ul

RT: 23.82 min Scan# 3571

Delta R.T. -0.04 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

Instrument :

BNA_G

ClientSampleId :

BCTJ8

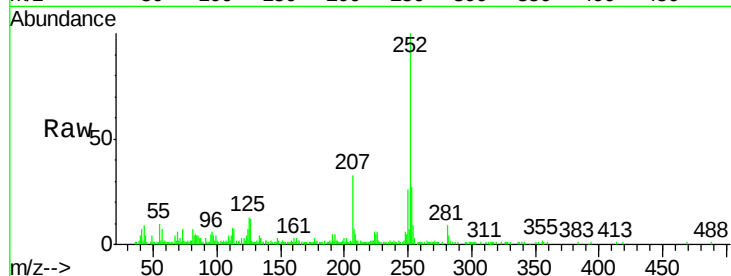
Tgt Ion:252 Resp: 101757

Ion Ratio Lower Upper

252 100

253 27.4 18.1 27.1#

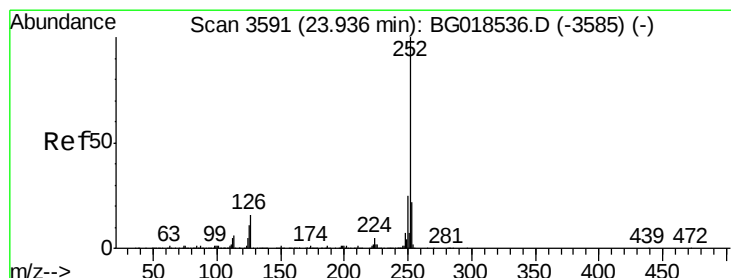
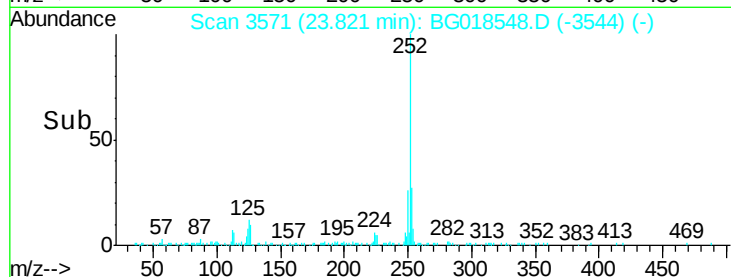
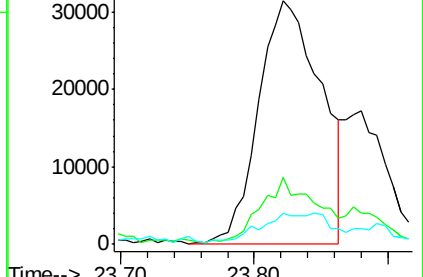
125 13.0 8.3 12.5#



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



#89

Benzo(k)fluoranthene

Concen: 2.35 ng/ul

RT: 23.82 min Scan# 3571

Delta R.T. -0.11 min

Lab File: BG018548.D

Acq: 29 Aug 2015 22:34

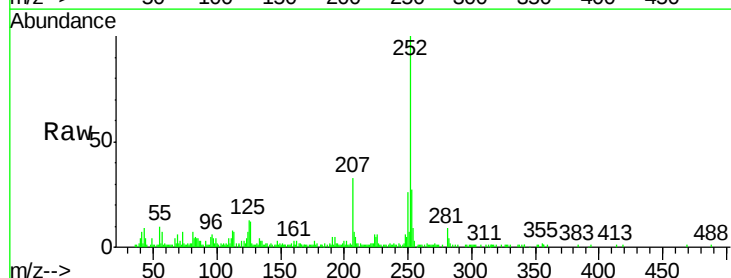
Tgt Ion:252 Resp: 101757

Ion Ratio Lower Upper

252 100

253 27.4 17.8 26.6#

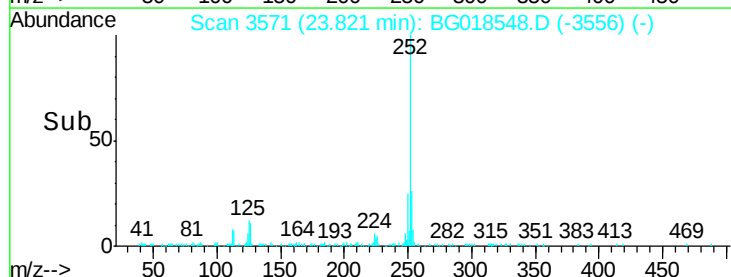
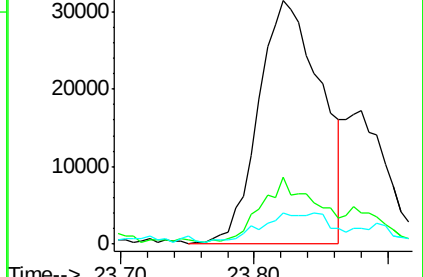
125 13.0 9.0 13.4

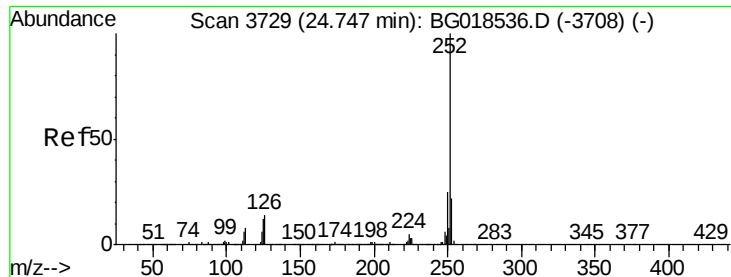


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.60 ng/ul

RT: 24.69 min Scan# 3718

Delta R.T. -0.06 min

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Acq: 29 Aug 2015 22:34

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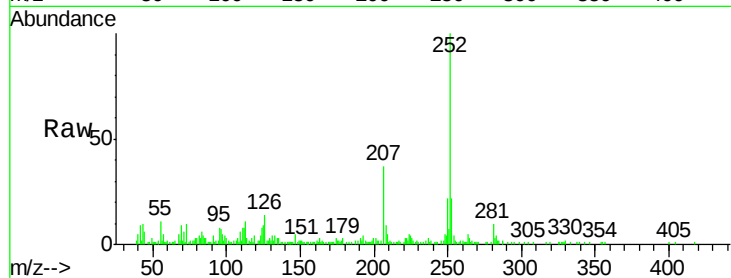
Tgt Ion:252 Resp: 68499

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.1 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

