

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018545.D
 Acq On : 29 Aug 2015 20:40
 Operator : UM/MA
 Sample : G3476-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ2

Quant Time: Aug 31 03:39:24 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	91170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	448845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	296546	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	718851	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	714259	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	705933	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	7395	3.58	ng/uL	0.00
5) Phenol-d5	7.17	99	221861	26.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	122263	23.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	160426	25.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	179610	25.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	87284	24.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	94034	26.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	202203	26.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	191472	22.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	633188	25.38	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	815320	25.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	117445	26.17	ng/ul	0.00
58) Fluorene-d10	15.63	176	585102	26.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	82532	23.34	ng/ul	-0.01
71) Anthracene-d10	17.48	188	903770	26.29	ng/ul	-0.01
79) Pyrene-d10	19.76	212	937903	25.31	ng/ul	-0.02
90) Benzo(a)pyrene-d12	24.61	264	953174	25.43	ng/ul	-0.06

Target Compounds

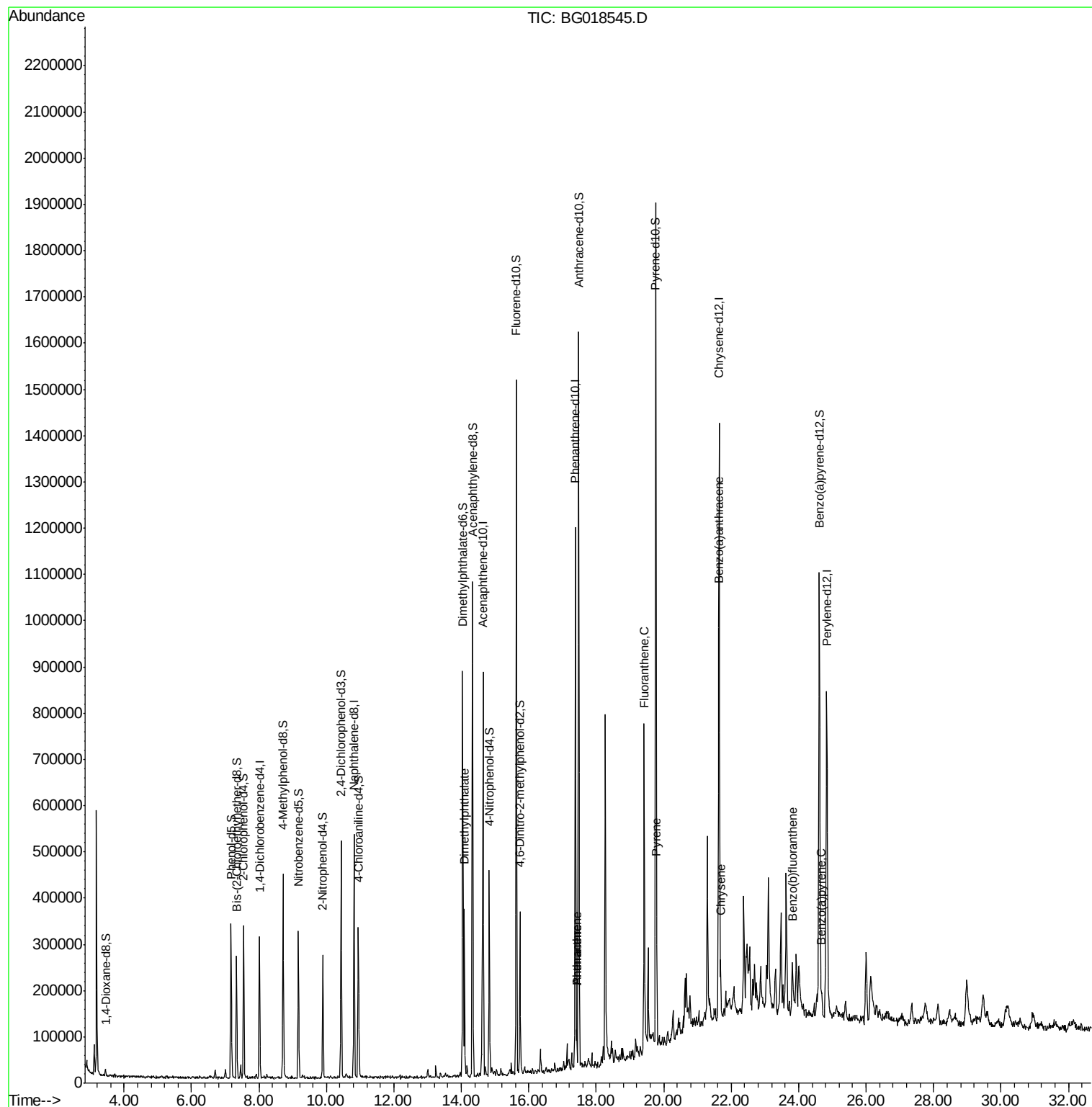
						Qvalue
45) Dimethylphthalate	14.08	163	244292	9.93	ng/ul#	97
70) Phenanthrene	17.42	178	50131	1.29	ng/ul	96
72) Anthracene	17.42	178	50131	1.26	ng/ul	96
77) Fluoranthene	19.43	202	121381	2.91	ng/ul	99
80) Pyrene	19.79	202	139653	2.89	ng/ul	98
83) Benzo(a)anthracene	21.62	228	59458	1.34	ng/ul	94
85) Chrysene	21.69	228	79188	1.91	ng/ul	95
88) Benzo(b)fluoranthene	23.83	252	91403	2.06	ng/ul#	94
91) Benzo(a)pyrene	24.68	252	59580	1.41	ng/ul	94

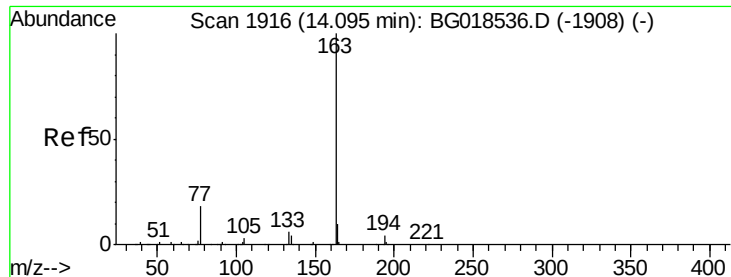
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Quant Time: Aug 31 03:39:24 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

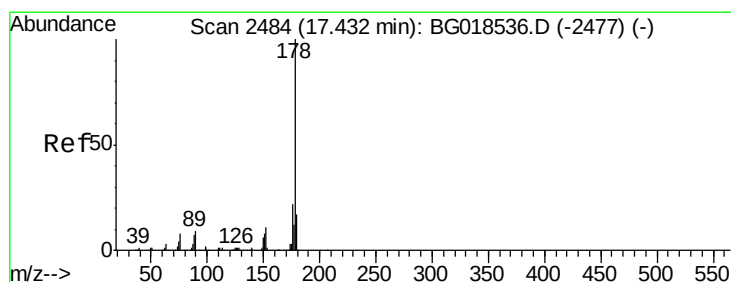
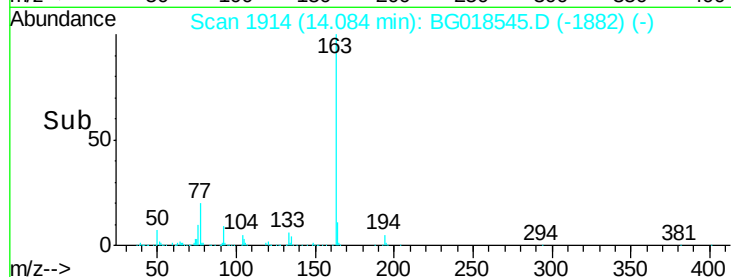
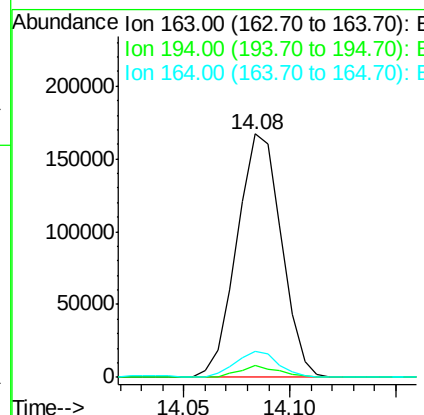
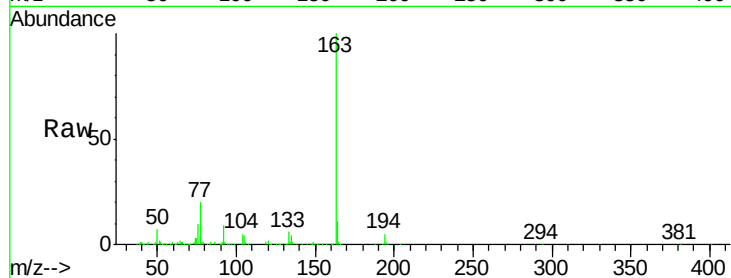




#45
Dimethylphthalate
Concen: 9.93 ng/ul
RT: 14.08 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

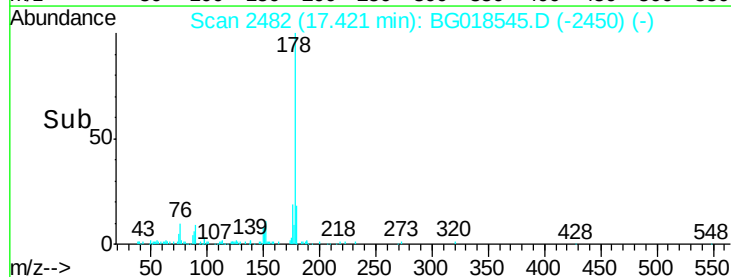
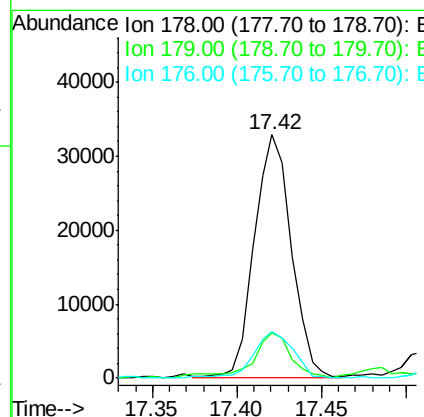
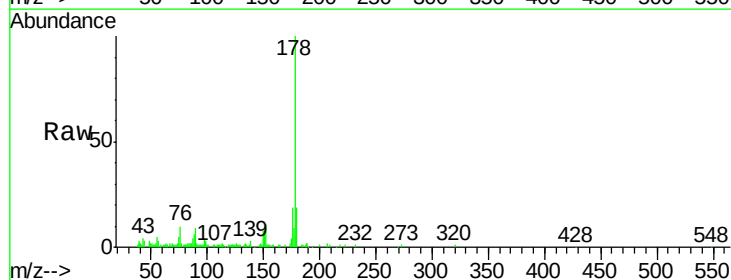
Instrument :
BNA_G
ClientSampleId :
BCTJ2

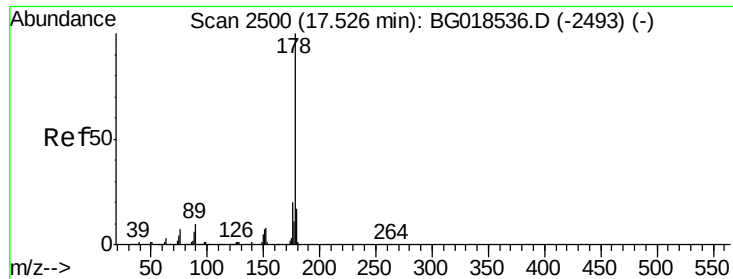
Tgt Ion:163 Resp: 244292
Ion Ratio Lower Upper
163 100
194 4.7 2.9 4.3#
164 10.6 7.7 11.5



#70
Phenanthrene
Concen: 1.29 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Tgt Ion:178 Resp: 50131
Ion Ratio Lower Upper
178 100
179 18.7 13.7 20.5
176 19.0 16.6 24.8





#72

Anthracene

Concen: 1.26 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. -0.11 min

Lab File: BG018545.D

Acq: 29 Aug 2015 20:40

Instrument :

BNA_G

ClientSampleId :

BCTJ2

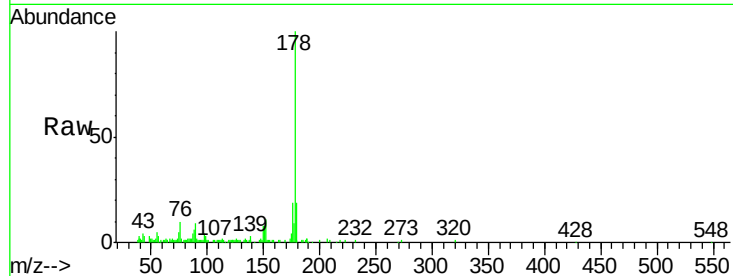
Tgt Ion:178 Resp: 50131

Ion Ratio Lower Upper

178 100

179 18.7 13.0 19.4

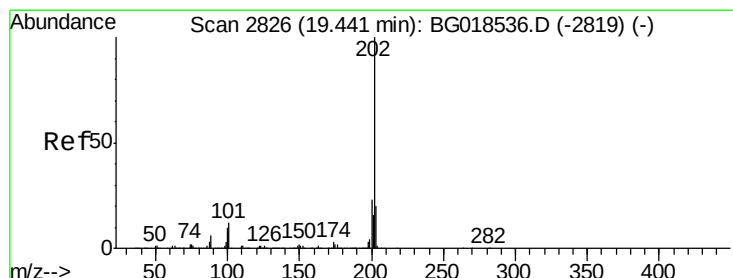
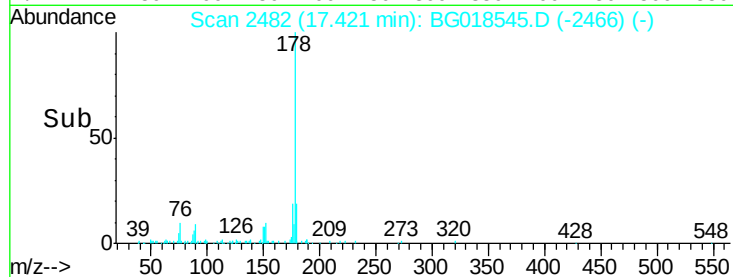
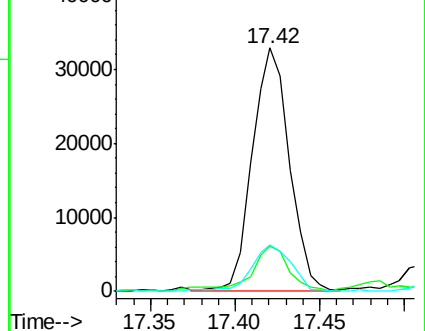
176 19.0 16.0 24.0



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



#77

Fluoranthene

Concen: 2.91 ng/ul

RT: 19.43 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BG018545.D

Acq: 29 Aug 2015 20:40

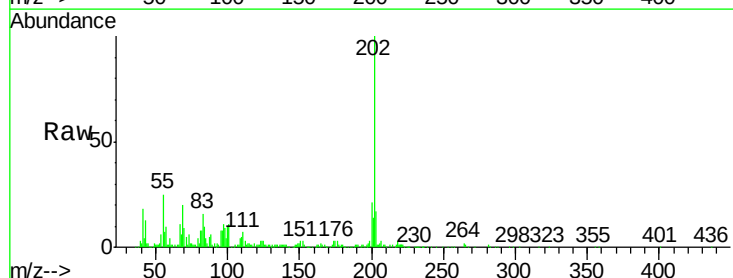
Tgt Ion:202 Resp: 121381

Ion Ratio Lower Upper

202 100

101 11.4 9.7 14.5

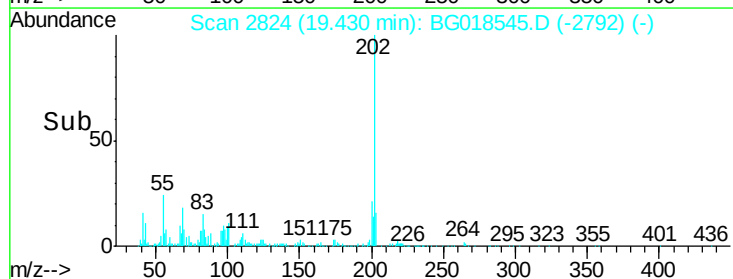
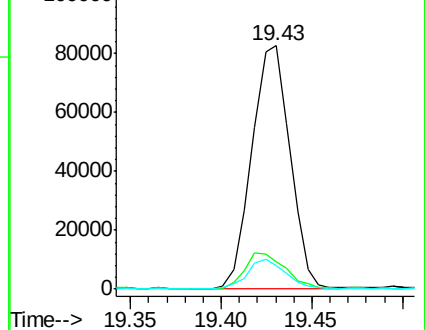
100 9.7 7.8 11.8

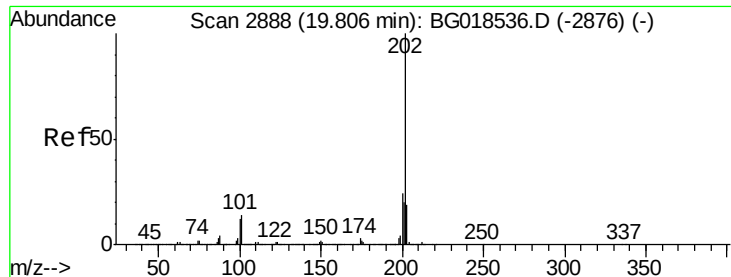


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

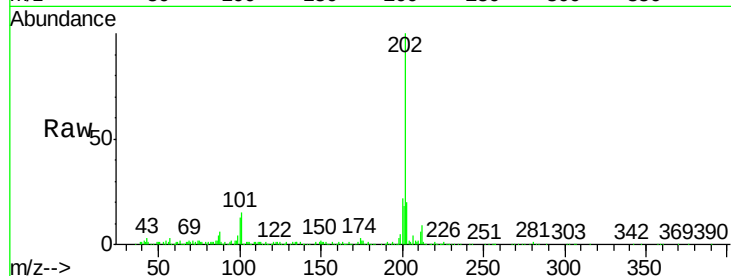




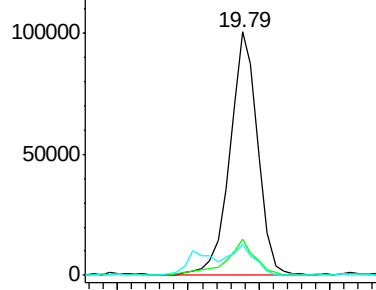
#80
 Pyrene
 Concen: 2.89 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.02 min
 Lab File: BG018545.D
 Acq: 29 Aug 2015 20:40

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ2

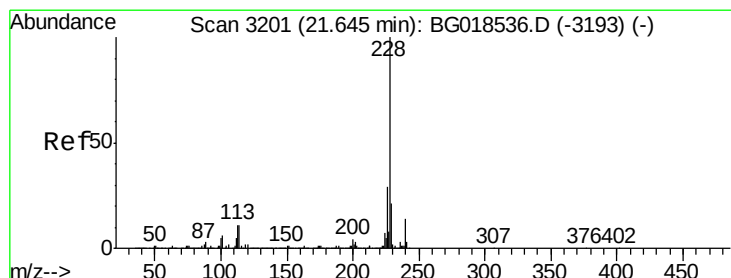
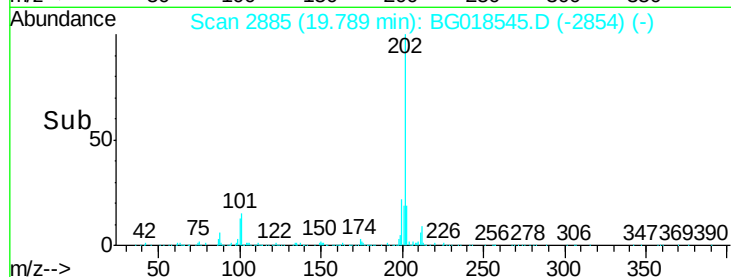
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.0	16.4
100	12.8	9.8	14.6



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

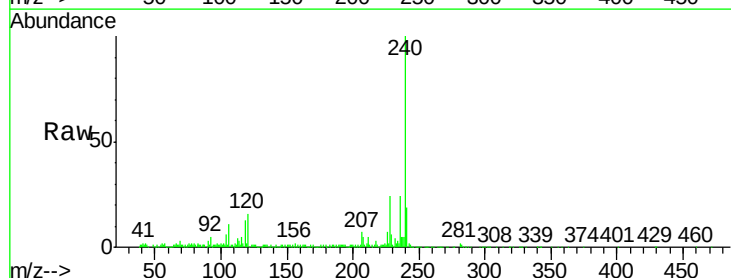


Time-->

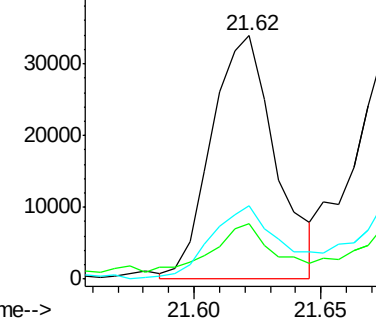


#83
 Benzo(a)anthracene
 Concen: 1.34 ng/ul
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.02 min
 Lab File: BG018545.D
 Acq: 29 Aug 2015 20:40

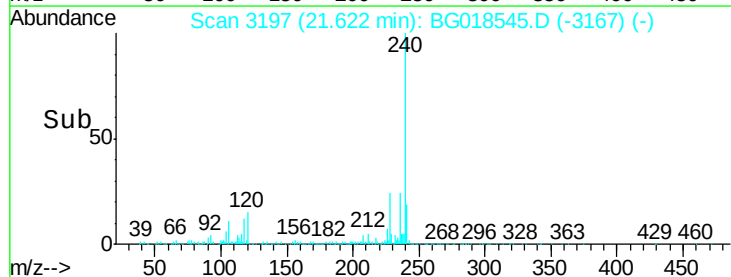
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.5	23.3
226	30.3	22.1	33.1

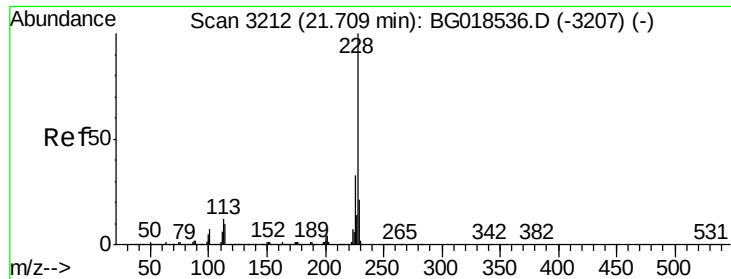


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time-->





#85

Chrysene

Concen: 1.91 ng/ul

RT: 21.69 min Scan# 3208

Delta R.T. -0.02 min

Lab File: BG018545.D

Acq: 29 Aug 2015 20:40

Instrument :

BNA_G

ClientSampled :

BCTJ2

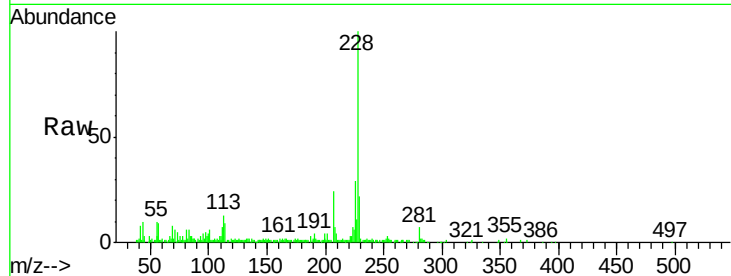
Tgt Ion:228 Resp: 79188

Ion Ratio Lower Upper

228 100

226 29.4 26.5 39.7

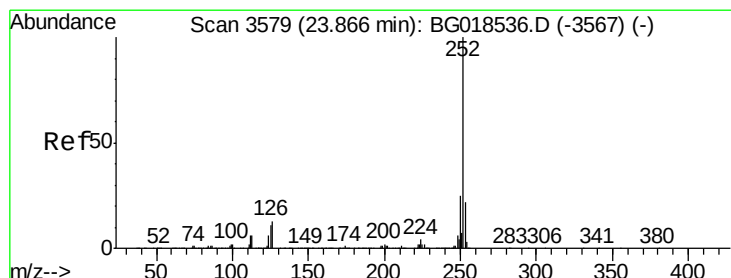
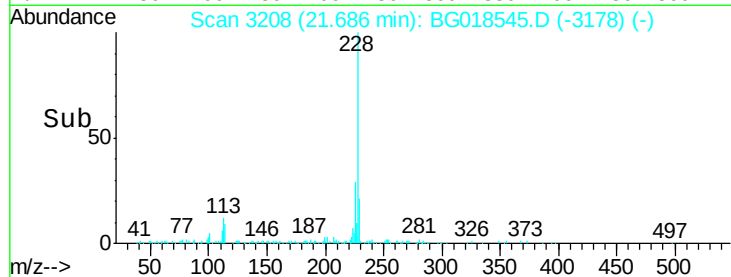
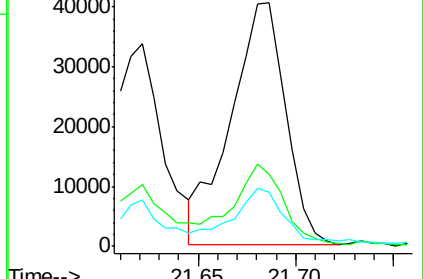
229 22.2 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 2.06 ng/ul

RT: 23.83 min Scan# 3572

Delta R.T. -0.04 min

Lab File: BG018545.D

Acq: 29 Aug 2015 20:40

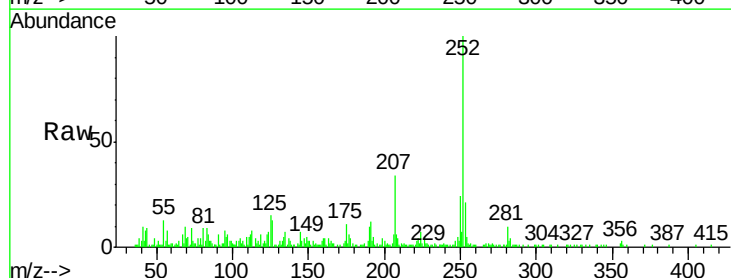
Tgt Ion:252 Resp: 91403

Ion Ratio Lower Upper

252 100

253 20.9 18.1 27.1

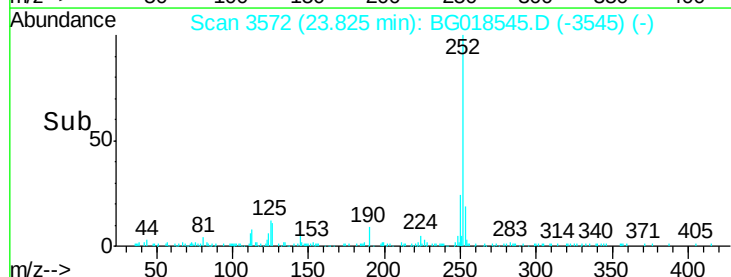
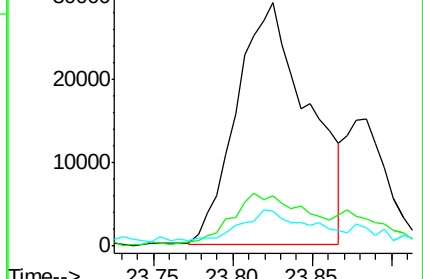
125 14.5 8.3 12.5#

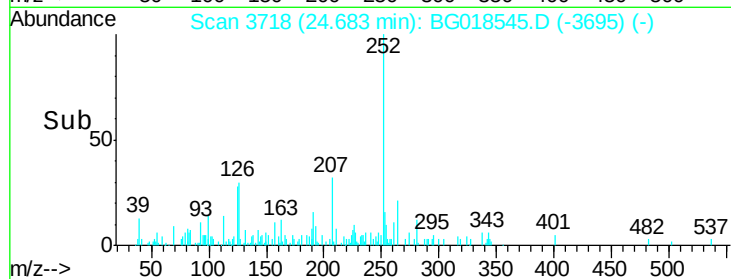
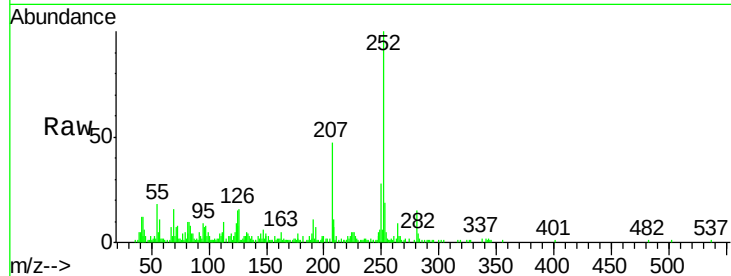
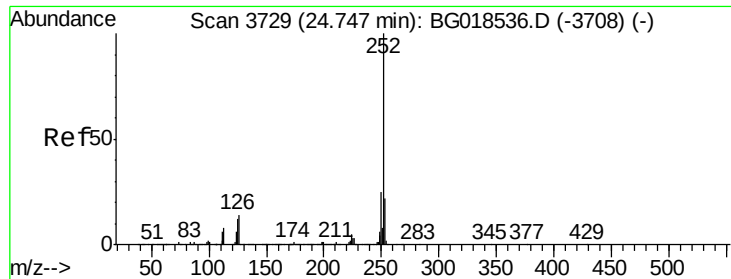


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.41 ng/ul

RT: 24.68 min Scan# 3718

Delta R.T. -0.06 min

Lab File: BG018545.D

Acq: 29 Aug 2015 20:40

Instrument :

BNA_G

ClientSampleId :

BCTJ2

Tgt Ion:252 Resp: 59580

Ion Ratio Lower Upper

252 100

253 19.2 17.7 26.5

125 15.1 10.2 15.2

