

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018546.D
 Acq On : 29 Aug 2015 21:18
 Operator : UM/MA
 Sample : G3476-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ6

Quant Time: Aug 31 03:39:38 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	92601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	460222	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	305589	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	712191	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	715713	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	705607	20.00	ng/ul	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.44	96	10530	5.02	ng/uL	0.00
5) Phenol-d5	7.17	99	312547	37.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	175758	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	222765	34.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	244089	34.57	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	124109	34.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	134256	36.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	288692	37.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	264975	30.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	852282	33.15	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1066086	32.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	164829	35.64	ng/ul	0.00
58) Fluorene-d10	15.63	176	750475	33.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	114657	32.73	ng/ul	0.00
71) Anthracene-d10	17.48	188	1138125	33.41	ng/ul	0.00
79) Pyrene-d10	19.76	212	1079481	29.07	ng/ul	-0.02
90) Benzo(a)pyrene-d12	24.62	264	1028448	27.46	ng/ul	-0.06

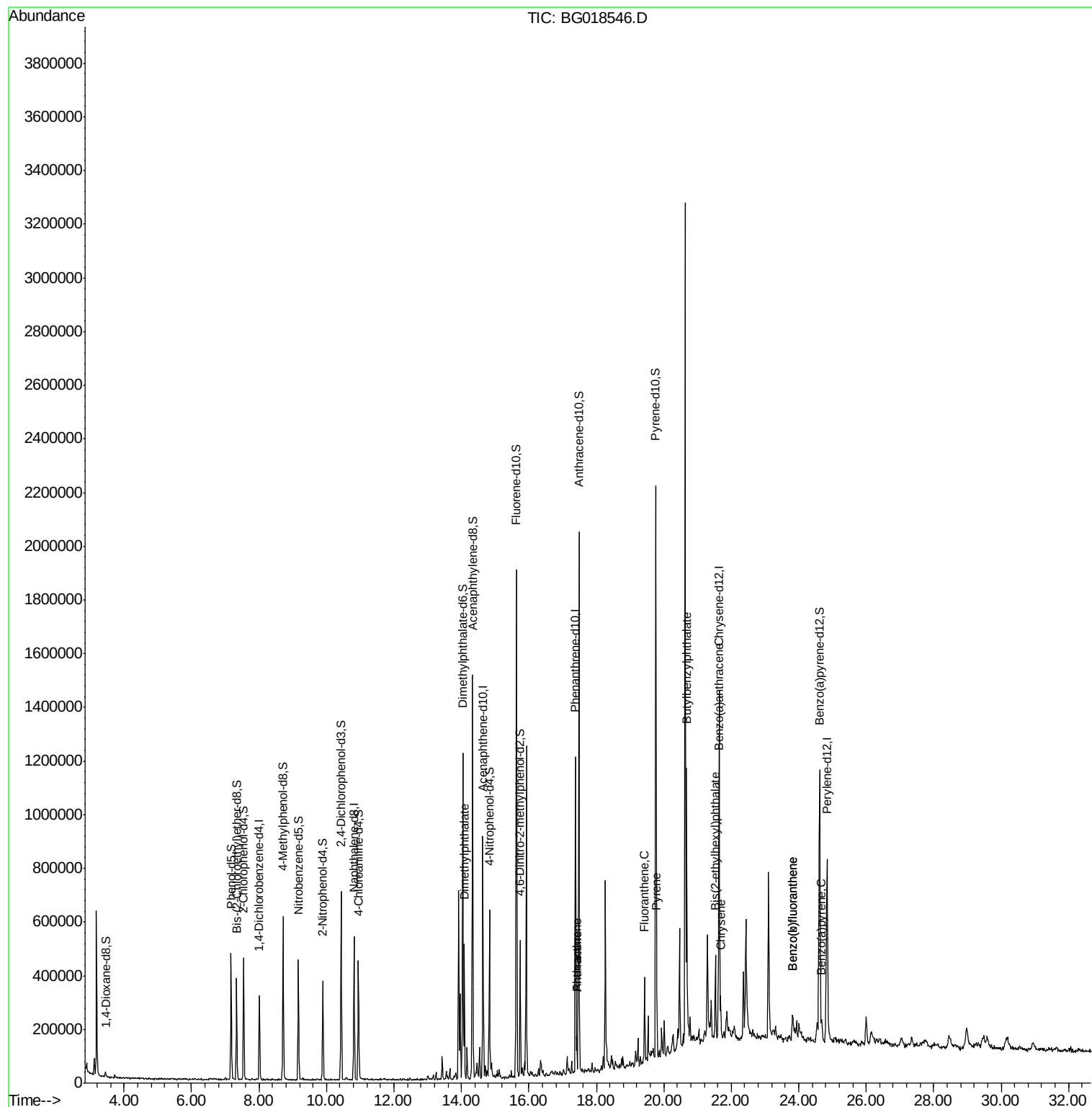
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.09	163	322364	12.71	ng/ul	99
70) Phenanthrene	17.42	178	86727	2.24	ng/ul	98
72) Anthracene	17.42	178	86727	2.20	ng/ul	96
77) Fluoranthene	19.43	202	181028	4.39	ng/ul	97
80) Pyrene	19.79	202	192941	3.99	ng/ul	99
81) Butylbenzylphthalate	20.68	149	25463	1.24	ng/ul	95
83) Benzo(a)anthracene	21.62	228	85499	1.93	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	127942	4.42	ng/ul	98
85) Chrysene	21.68	228	106438	2.57	ng/ul	95
88) Benzo(b)fluoranthene	23.81	252	119578	2.70	ng/ul#	97
89) Benzo(k)fluoranthene	23.81	252	119578	2.80	ng/ul	97
91) Benzo(a)pyrene	24.68	252	81461	1.93	ng/ul	93

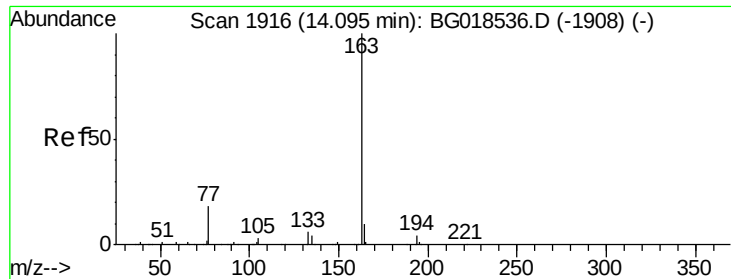
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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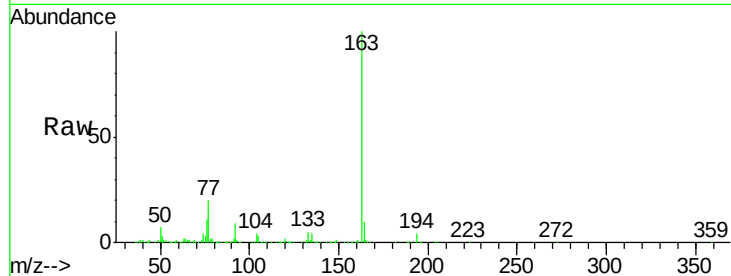




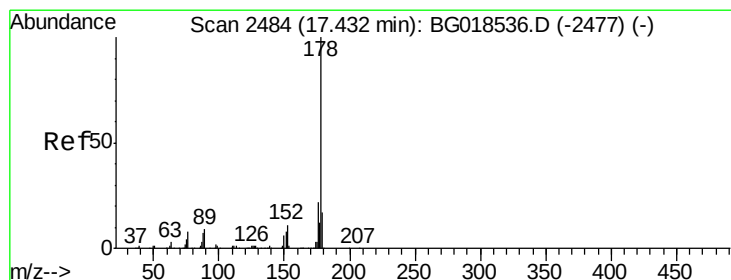
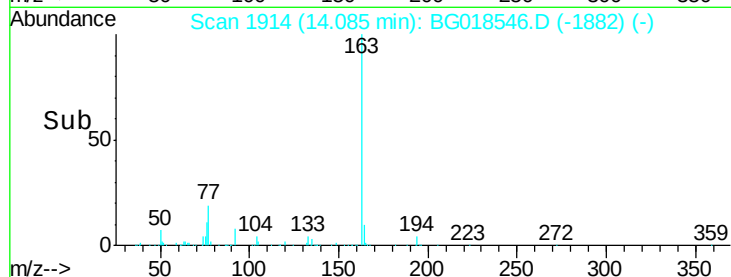
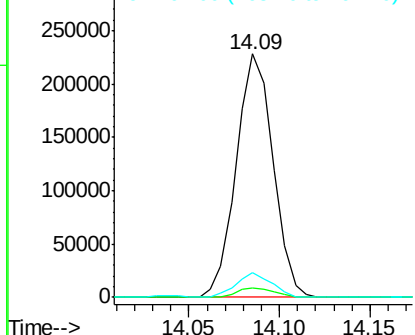
#45
Dimethylphthalate
Concen: 12.71 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018546.D
Acq: 29 Aug 2015 21:18

Instrument :
BNA_G
ClientSampleId :
BCTJ6

Tgt Ion	Resp	Lower	Upper
163	322364		
194	4.0	2.9	4.3
164	10.2	7.7	11.5

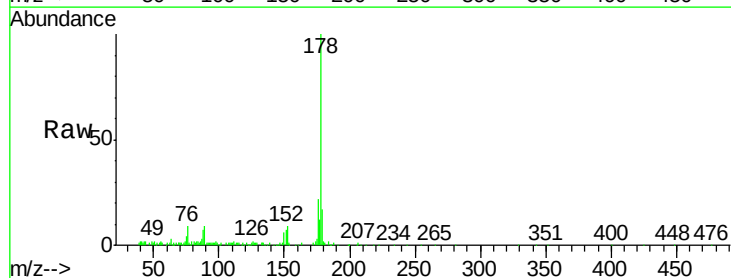


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

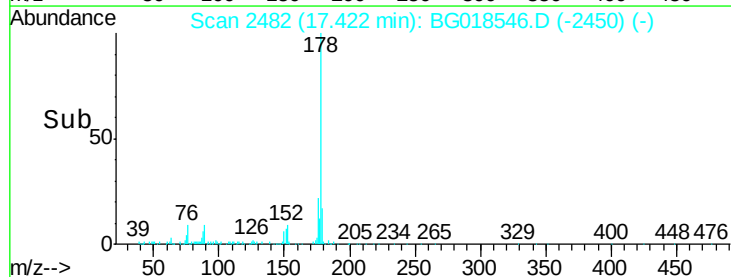
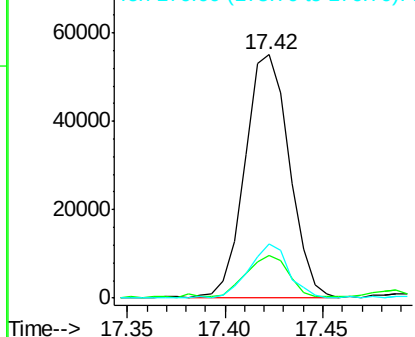


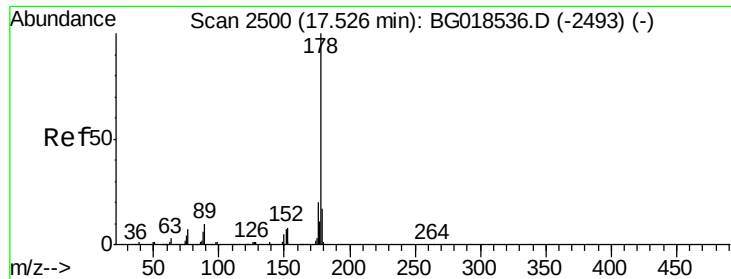
#70
Phenanthrene
Concen: 2.24 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018546.D
Acq: 29 Aug 2015 21:18

Tgt Ion	Resp	Lower	Upper
178	86727		
179	17.3	13.7	20.5
176	22.1	16.6	24.8



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





#72

Anthracene

Concen: 2.20 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. -0.10 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

Instrument :

BNA_G

ClientSampleId :

BCTJ6

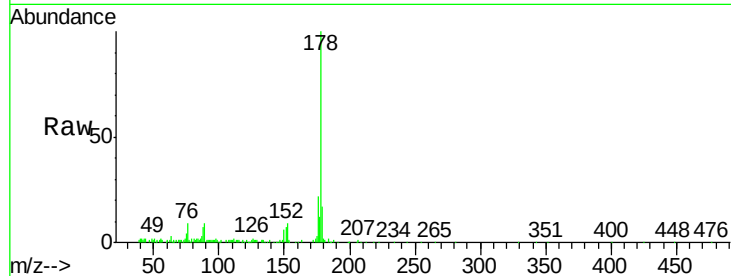
Tgt Ion:178 Resp: 86727

Ion Ratio Lower Upper

178 100

179 17.3 13.0 19.4

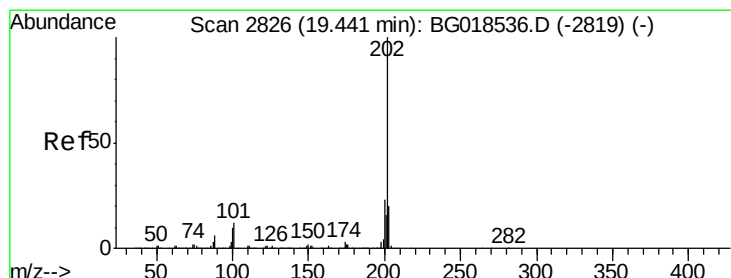
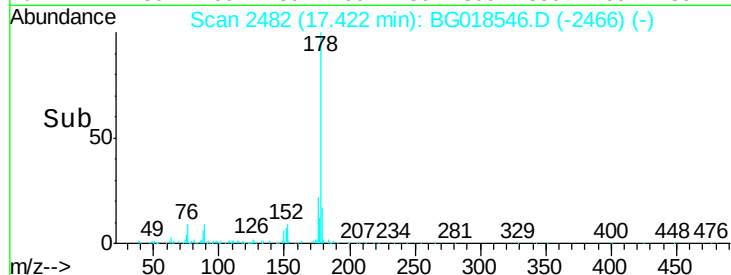
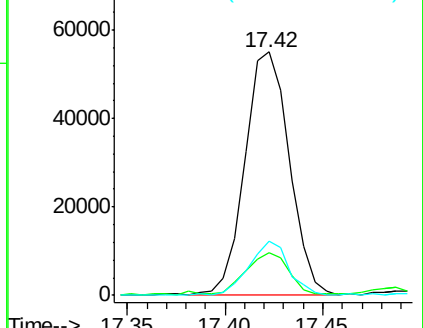
176 22.1 16.0 24.0



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: 4.39 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.02 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

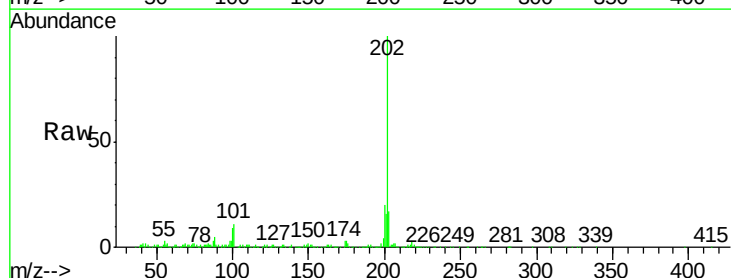
Tgt Ion:202 Resp: 181028

Ion Ratio Lower Upper

202 100

101 10.9 9.7 14.5

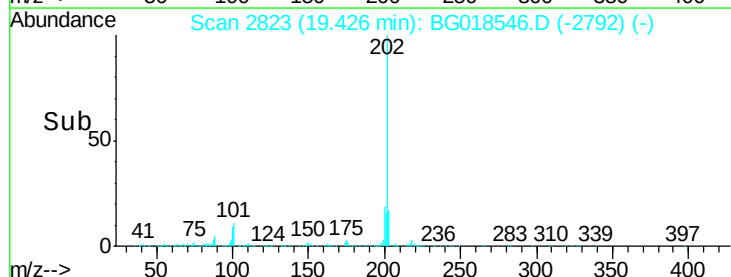
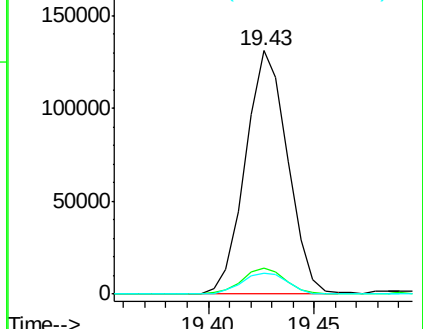
100 8.5 7.8 11.8

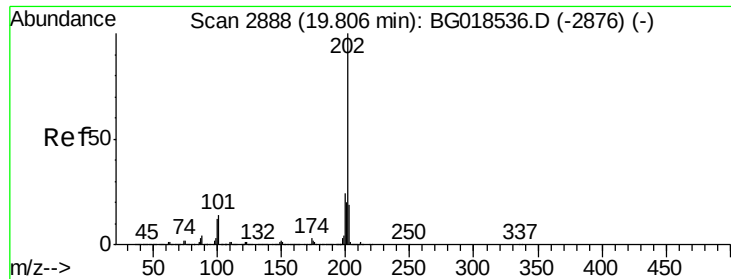


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 3.99 ng/ul

RT: 19.79 min Scan# 2885

Delta R.T. -0.02 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

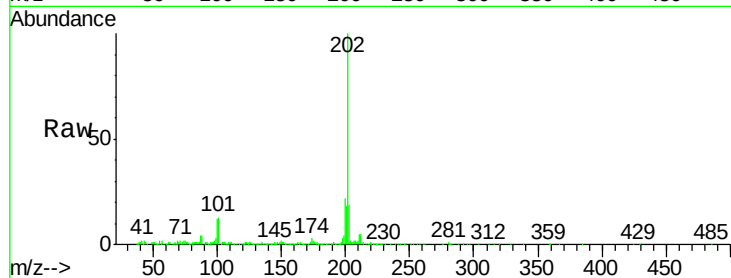
Instrument :

BNA_G

ClientSampleId :

BCTJ6

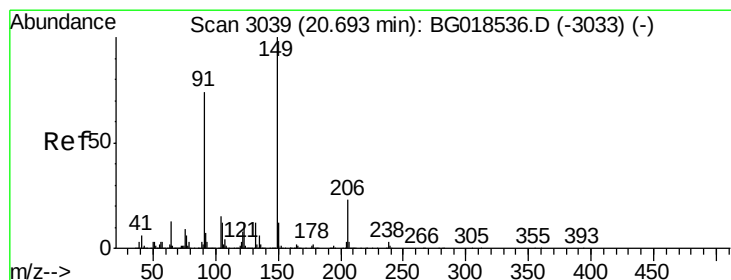
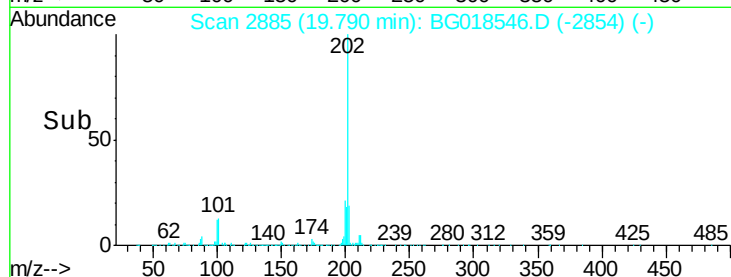
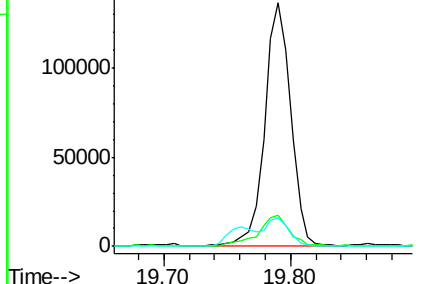
Tgt Ion:	202	Resp:	192941
Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	11.9	9.8	14.6



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



#81

Butylbenzylphthalate

Concen: 1.24 ng/ul

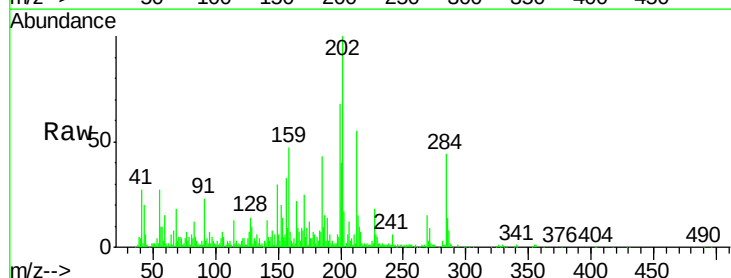
RT: 20.68 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

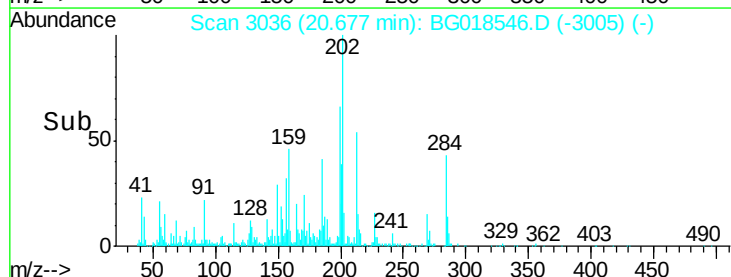
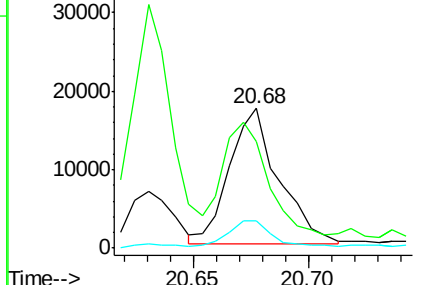
Tgt Ion:	149	Resp:	25463
Ion	Ratio	Lower	Upper
149	100		
91	76.5	57.9	86.9
206	19.4	17.9	26.9

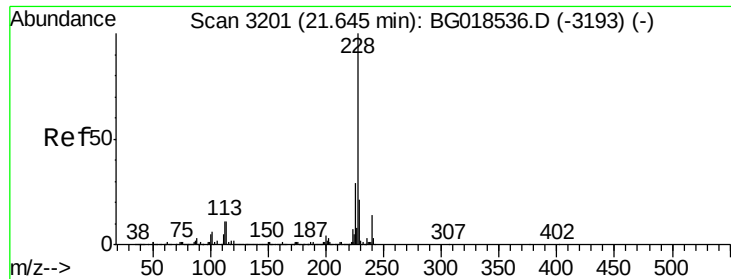


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 1.93 ng/ul

RT: 21.62 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

Instrument :

BNA_G

ClientSampleId :

BCTJ6

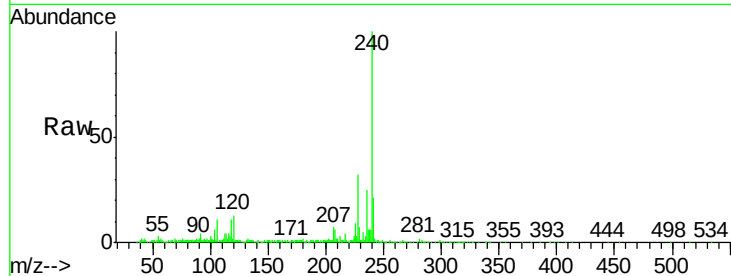
Tgt Ion:228 Resp: 85499

Ion Ratio Lower Upper

228 100

229 21.9 15.5 23.3

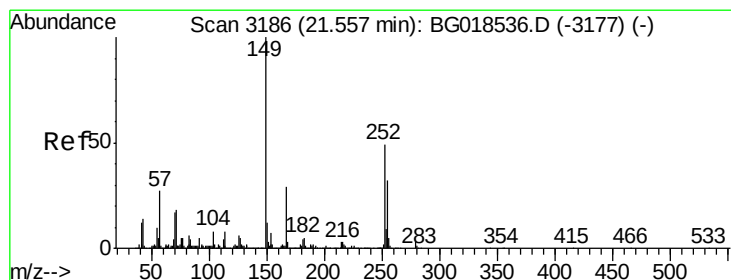
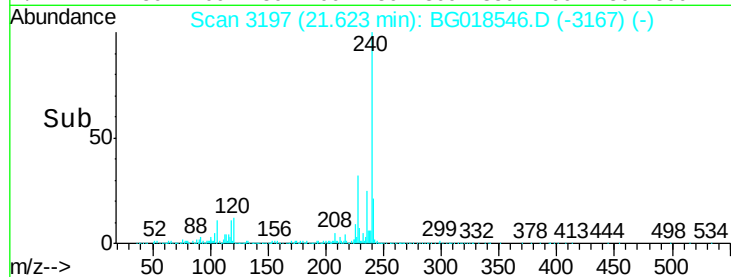
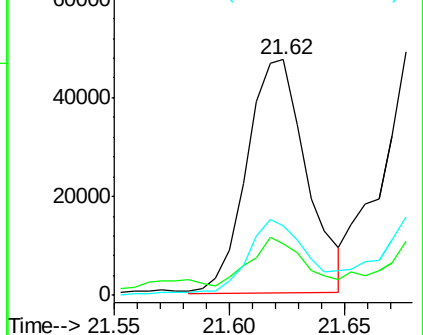
226 29.3 22.1 33.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.42 ng/ul

RT: 21.53 min Scan# 3181

Delta R.T. -0.03 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

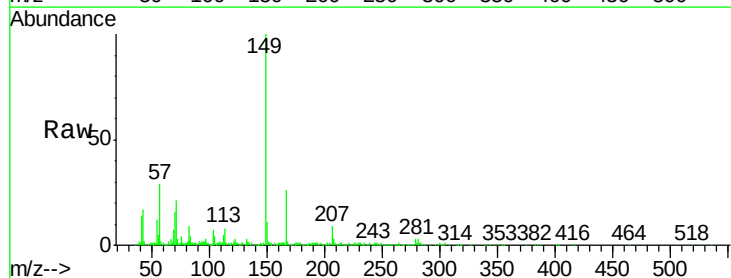
Tgt Ion:149 Resp: 127942

Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

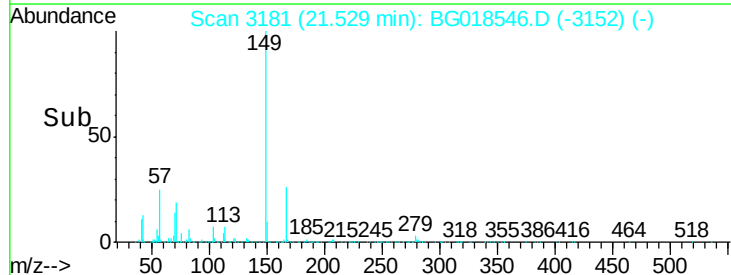
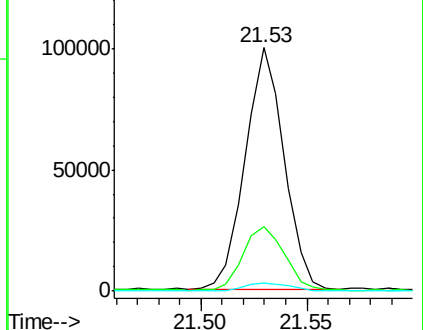
279 3.1 2.8 4.2

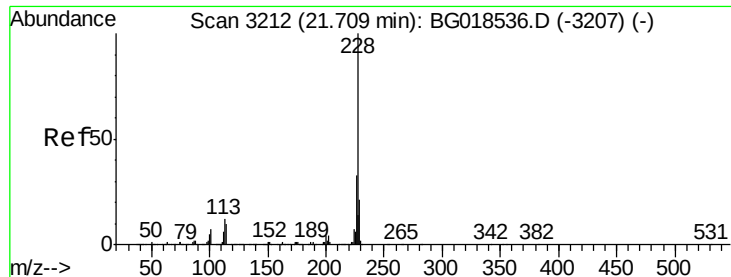


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.57 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.03 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

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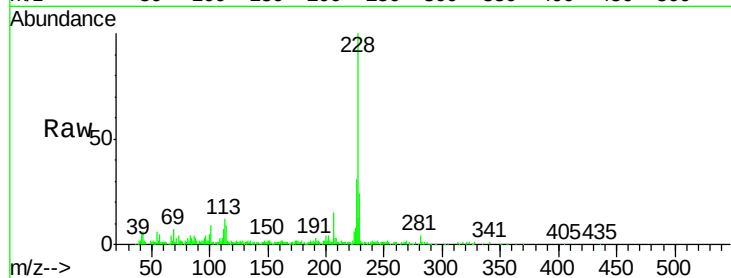
Tgt Ion:228 Resp: 106438

Ion Ratio Lower Upper

228 100

226 30.5 26.5 39.7

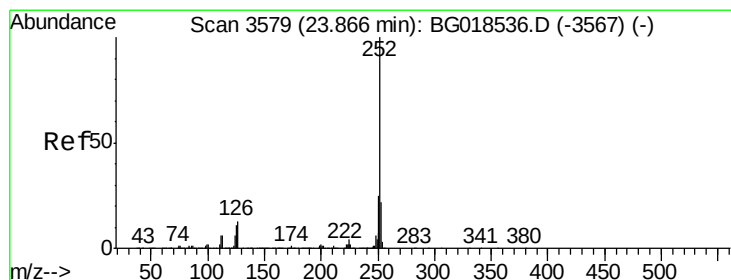
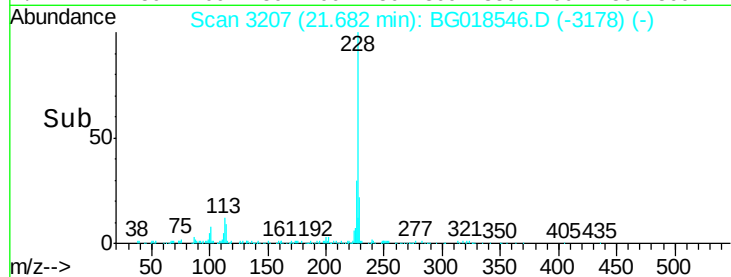
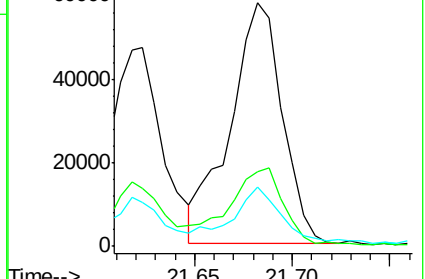
229 24.2 16.9 25.3



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: 2.70 ng/ul

RT: 23.81 min Scan# 3570

Delta R.T. -0.05 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

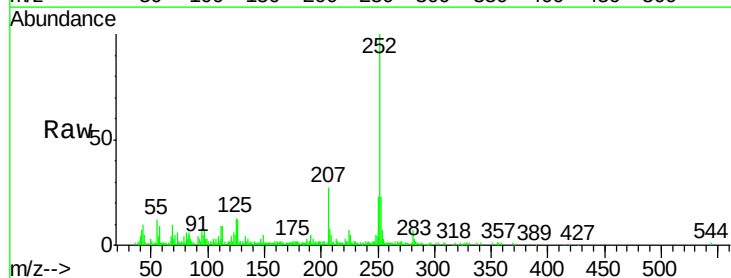
Tgt Ion:252 Resp: 119578

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

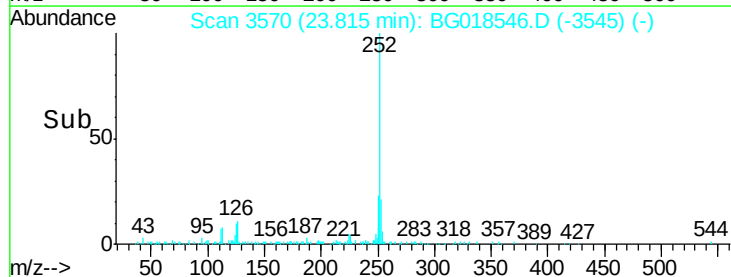
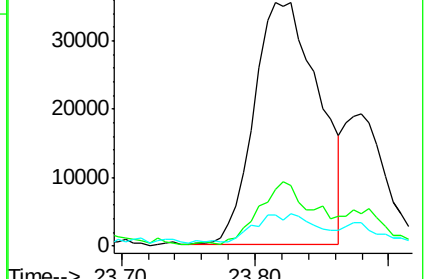
125 12.7 8.3 12.5#

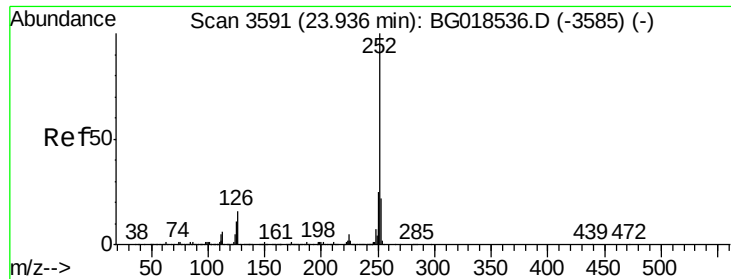


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.80 ng/ul

RT: 23.81 min Scan# 3570

Delta R.T. -0.12 min

Lab File: BG018546.D

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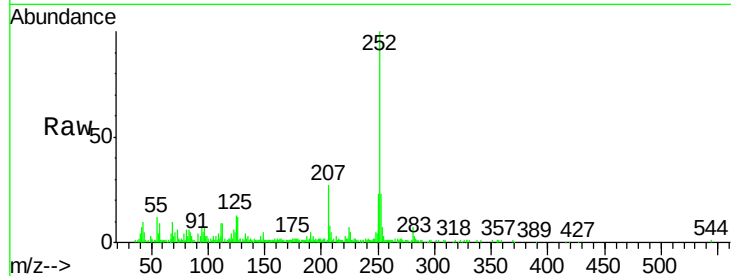
Tgt Ion:252 Resp: 119578

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

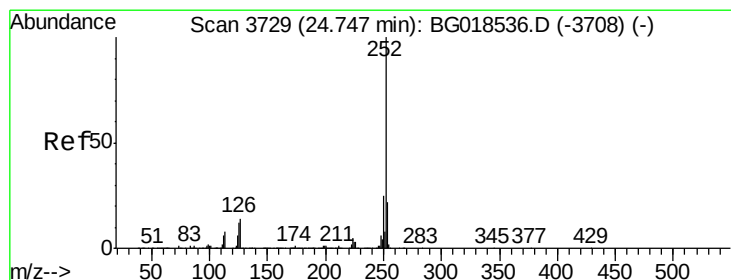
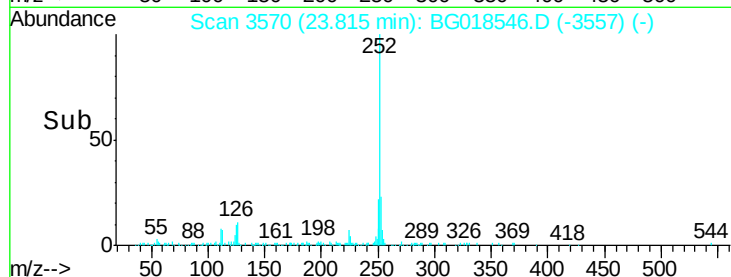
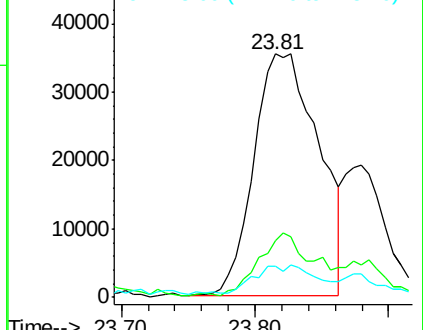
125 12.7 9.0 13.4



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: 1.93 ng/ul

RT: 24.68 min Scan# 3718

Delta R.T. -0.06 min

Lab File: BG018546.D

Acq: 29 Aug 2015 21:18

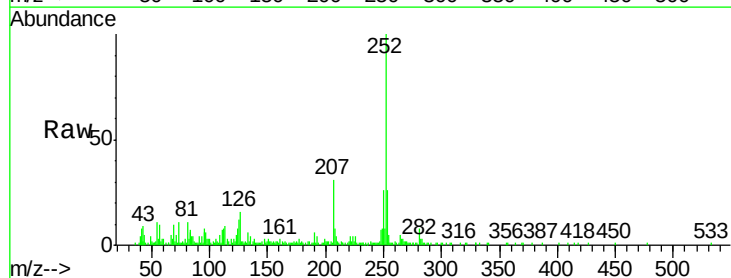
Tgt Ion:252 Resp: 81461

Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 11.7 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

