

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
 Data File : BG018547.D
 Acq On : 29 Aug 2015 21:56
 Operator : UM/MA
 Sample : G3476-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCTJ7

Quant Time: Aug 31 03:39:53 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	8.02	152	99975	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	474202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	314894	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	737553	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	706710	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	701874	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	10703	4.73	ng/uL	0.00
5) Phenol-d5	7.17	99	330438	36.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	183550	32.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	239754	34.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	253545	33.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	131781	35.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	144694	38.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	302510	37.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	301707	33.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	922662	34.82	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1121190	33.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	175613	36.85	ng/ul	0.00
58) Fluorene-d10	15.63	176	809227	35.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	122720	33.83	ng/ul	0.00
71) Anthracene-d10	17.48	188	1213237	34.39	ng/ul	0.00
79) Pyrene-d10	19.76	212	1137919	31.04	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1102822	29.60	ng/ul	-0.05

Target Compounds

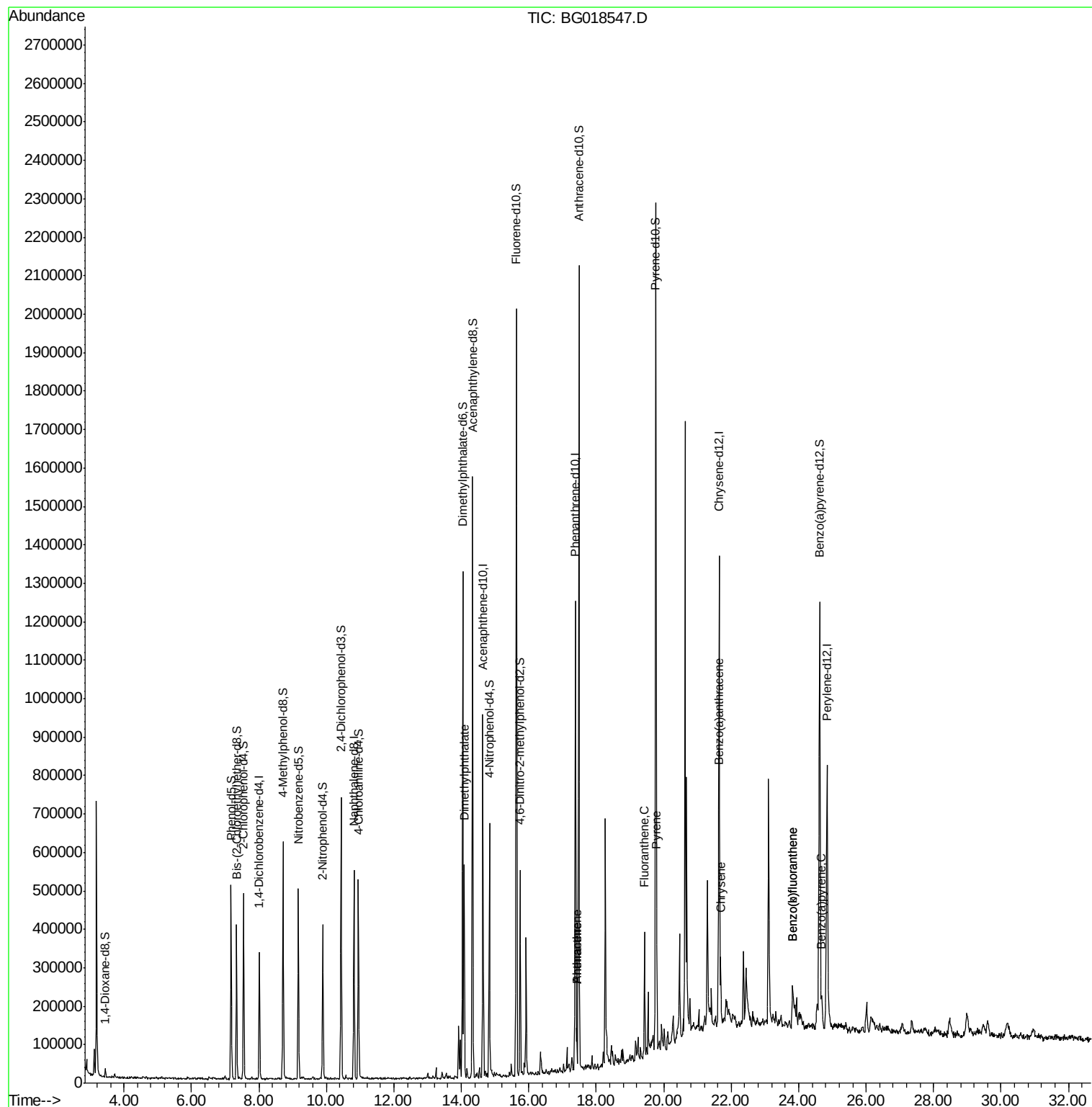
						Qvalue
45) Dimethylphthalate	14.09	163	362172	13.86	ng/ul	98
70) Phenanthrene	17.42	178	68710	1.72	ng/ul	99
72) Anthracene	17.42	178	68710	1.68	ng/ul	98
77) Fluoranthene	19.43	202	192610	4.51	ng/ul	97
80) Pyrene	19.79	202	204699	4.28	ng/ul	97
83) Benzo(a)anthracene	21.62	228	92024	2.10	ng/ul	98
85) Chrysene	21.68	228	113447	2.77	ng/ul	96
88) Benzo(b)fluoranthene	23.83	252	132716	3.01	ng/ul	96
89) Benzo(k)fluoranthene	23.83	252	132174	3.11	ng/ul	97
91) Benzo(a)pyrene	24.69	252	85581	2.04	ng/ul	99

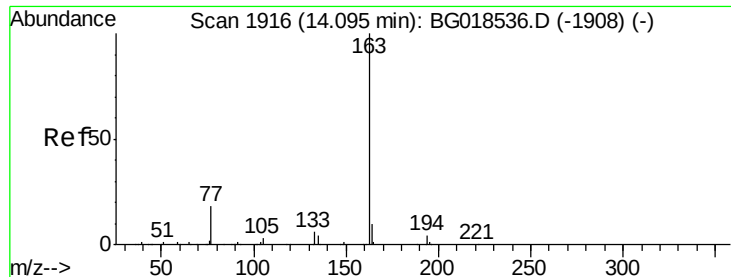
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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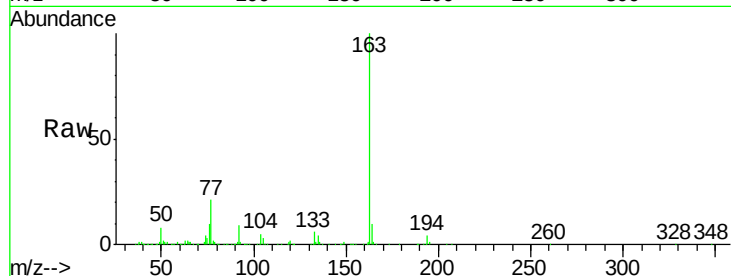




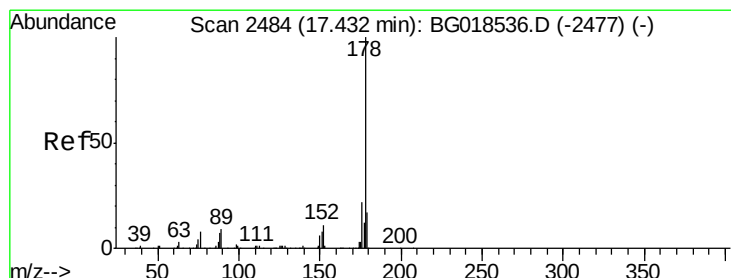
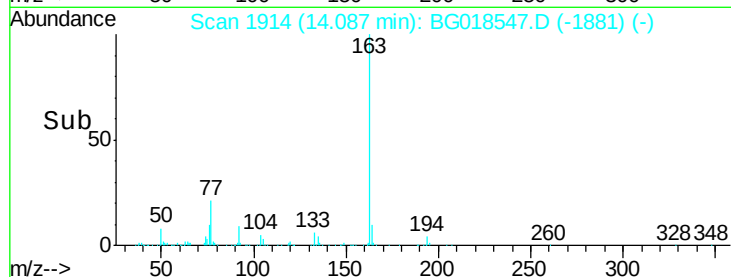
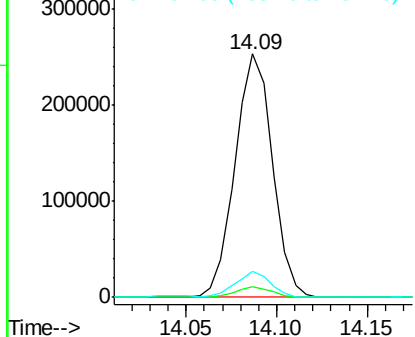
#45
Dimethylphthalate
Concen: 13.86 ng/ul
RT: 14.09 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Instrument :
BNA_G
ClientSampleId :
BCTJ7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.9	4.3
164	10.5	7.7	11.5

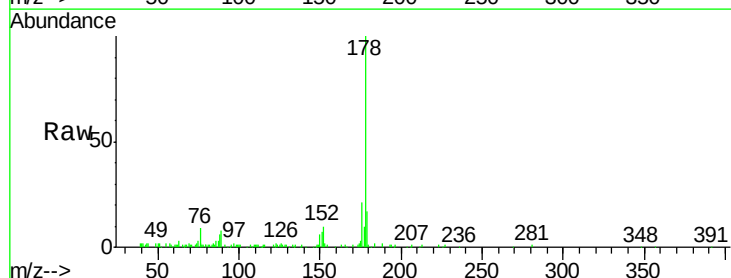


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

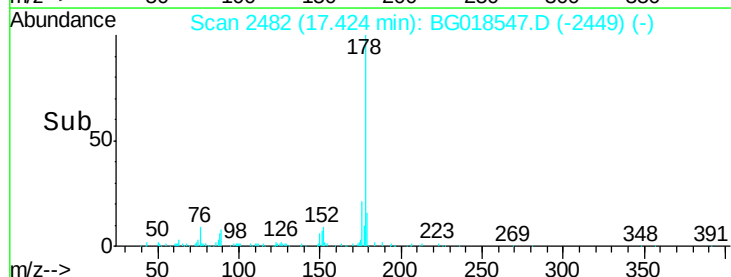
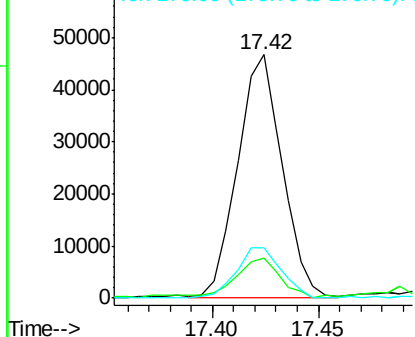


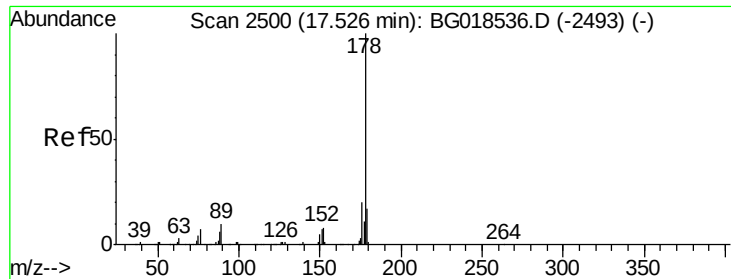
#70
Phenanthrene
Concen: 1.72 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018547.D
Acq: 29 Aug 2015 21:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.7	20.5
176	20.9	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: 1.68 ng/ul

RT: 17.42 min Scan# 2482

Delta R.T. -0.10 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Instrument :

BNA_G

ClientSampleId :

BCTJ7

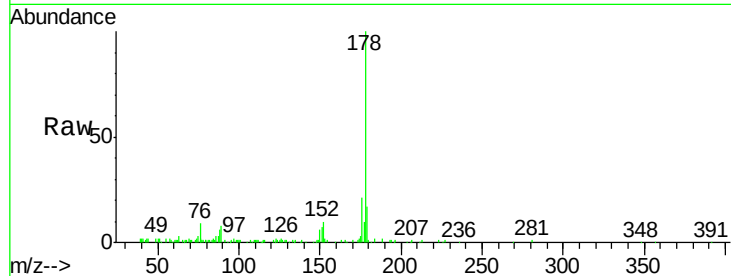
Tgt Ion:178 Resp: 68710

Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.4

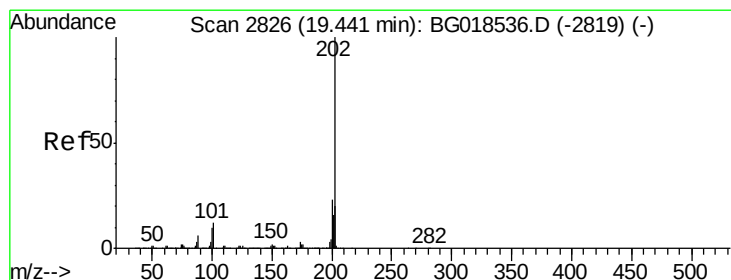
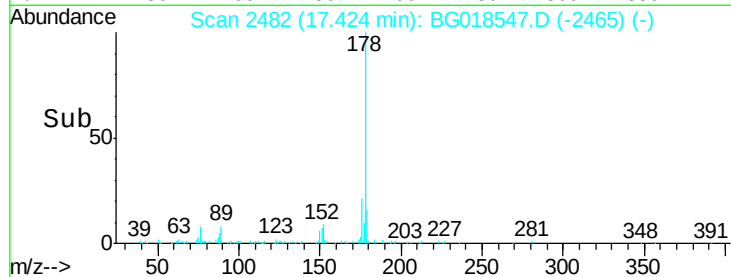
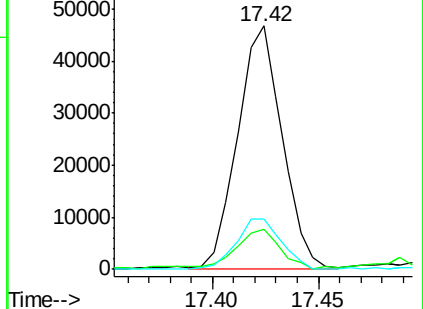
176 20.9 16.0 24.0



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: 4.51 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

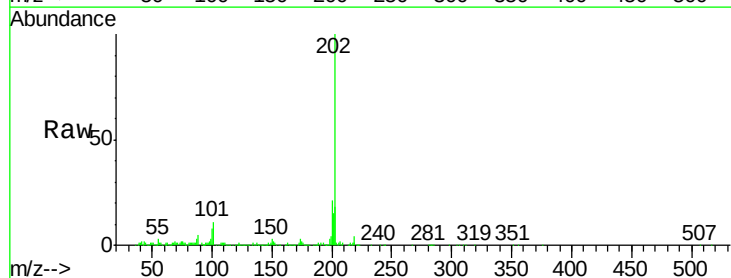
Tgt Ion:202 Resp: 192610

Ion Ratio Lower Upper

202 100

101 11.2 9.7 14.5

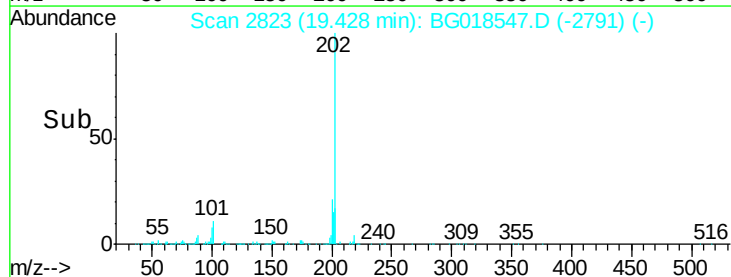
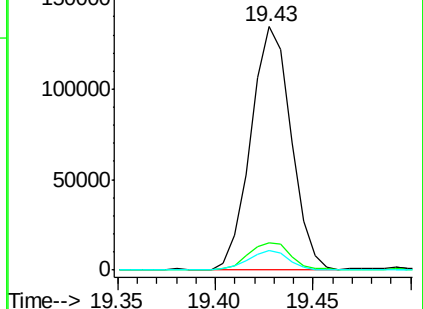
100 8.1 7.8 11.8

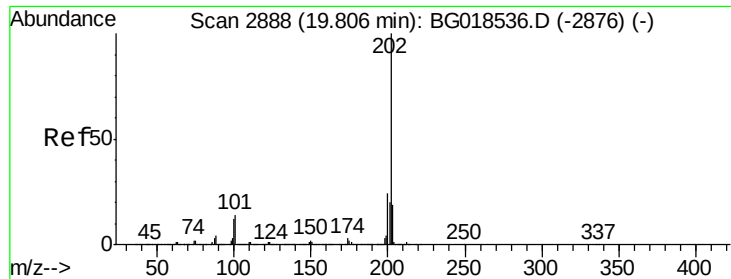


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

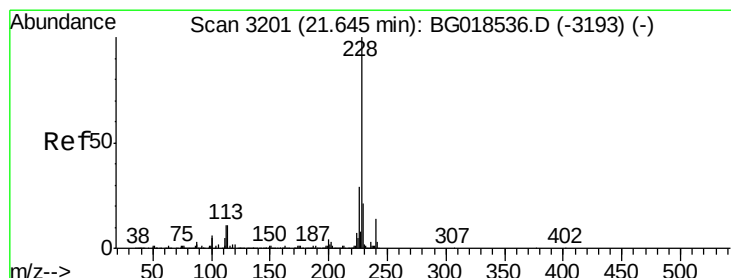
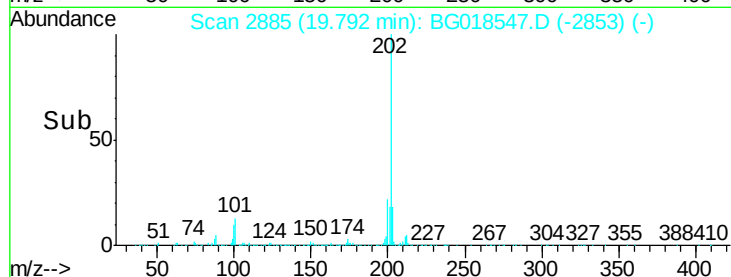
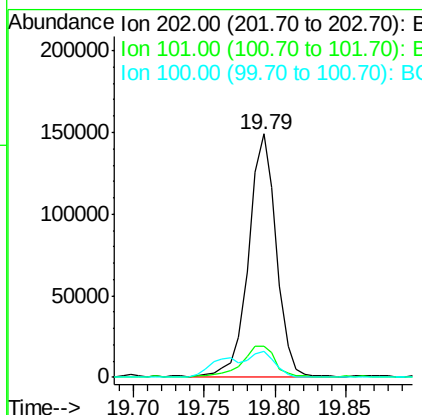
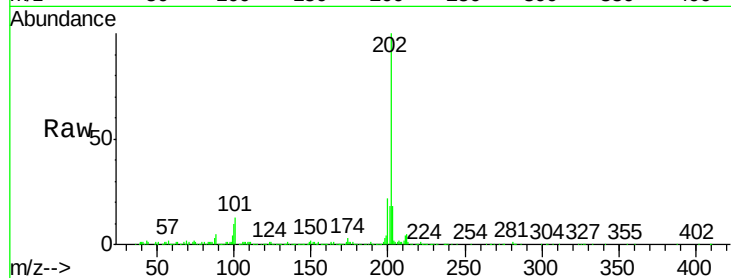




#80
 Pyrene
 Concen: 4.28 ng/ul
 RT: 19.79 min Scan# 2885
 Delta R.T. -0.01 min
 Lab File: BG018547.D
 Acq: 29 Aug 2015 21:56

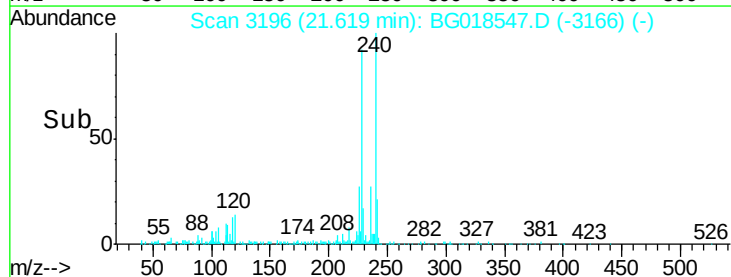
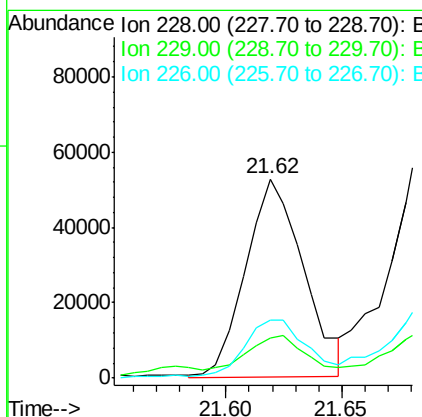
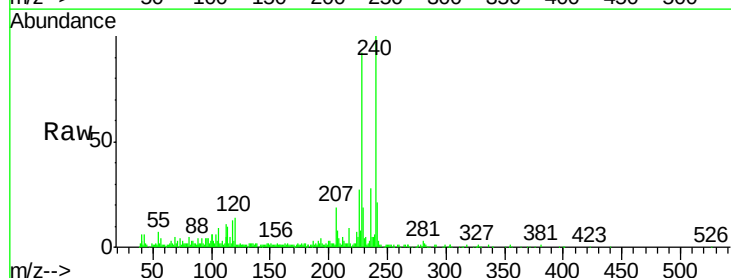
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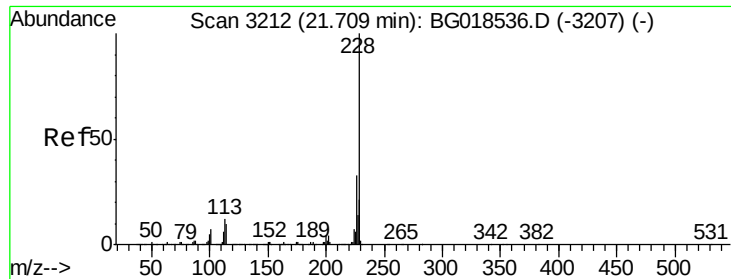
Tgt Ion:	202	Resp:	204699
Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	10.5	9.8	14.6



#83
 Benzo(a)anthracene
 Concen: 2.10 ng/ul
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.03 min
 Lab File: BG018547.D
 Acq: 29 Aug 2015 21:56

Tgt Ion:	228	Resp:	92024
Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.5	23.3
226	29.1	22.1	33.1





#85

Chrysene

Concen: 2.77 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.03 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

Instrument :

BNA_G

ClientSampleId :

BCTJ7

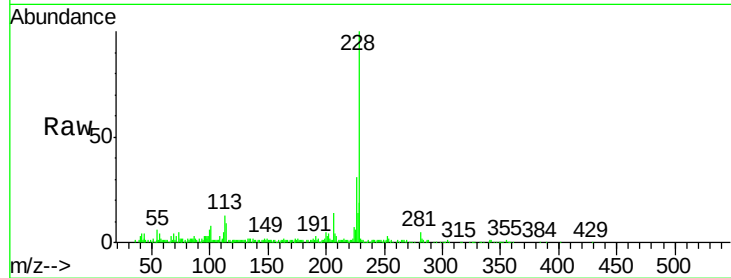
Tgt Ion:228 Resp: 113447

Ion Ratio Lower Upper

228 100

226 30.9 26.5 39.7

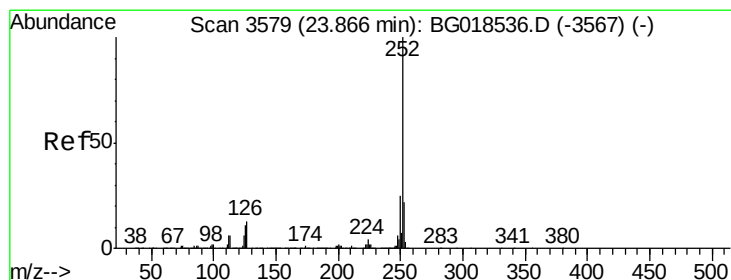
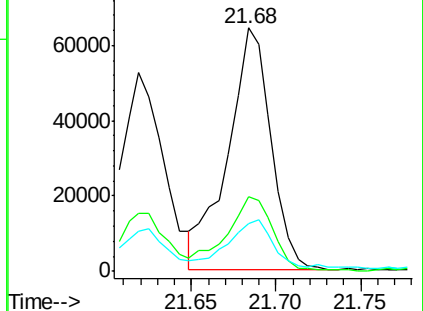
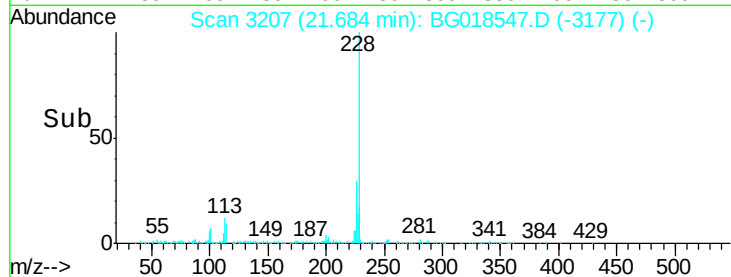
229 19.4 16.9 25.3



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: 3.01 ng/ul

RT: 23.83 min Scan# 3572

Delta R.T. -0.04 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

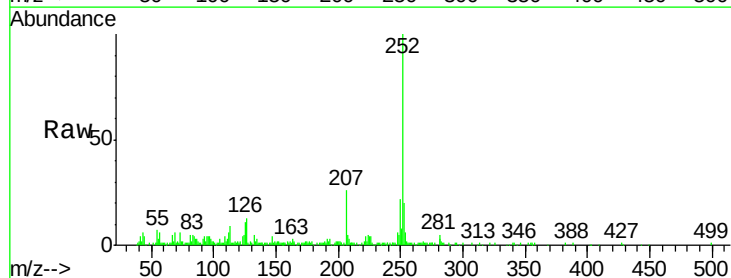
Tgt Ion:252 Resp: 132716

Ion Ratio Lower Upper

252 100

253 20.1 18.1 27.1

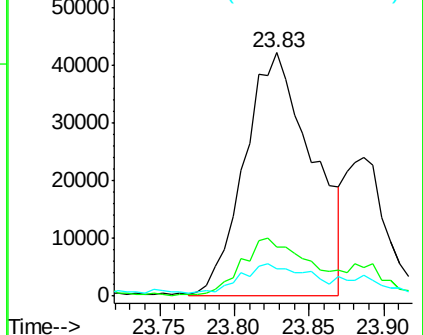
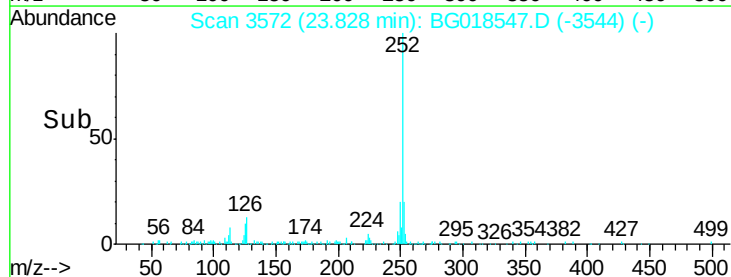
125 11.2 8.3 12.5

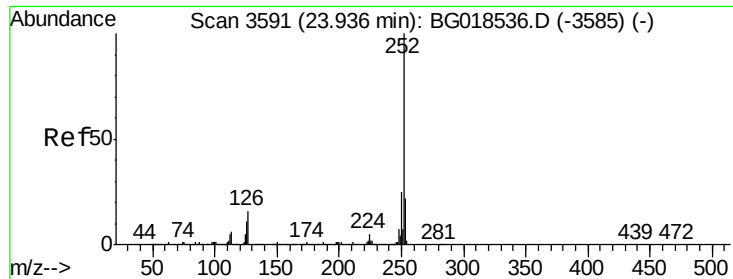


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.11 ng/ul

RT: 23.83 min Scan# 3572

Delta R.T. -0.11 min

Lab File: BG018547.D

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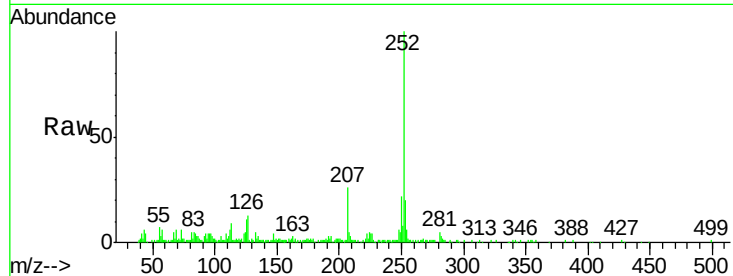
Tgt Ion:252 Resp: 132174

Ion Ratio Lower Upper

252 100

253 20.1 17.8 26.6

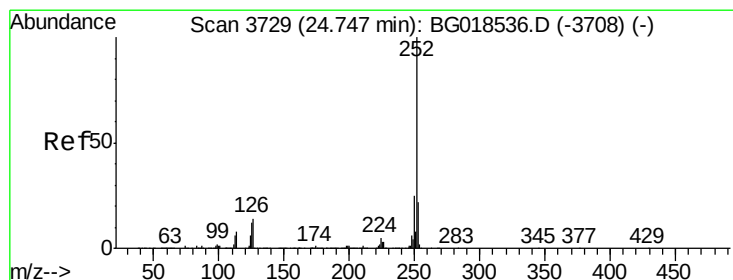
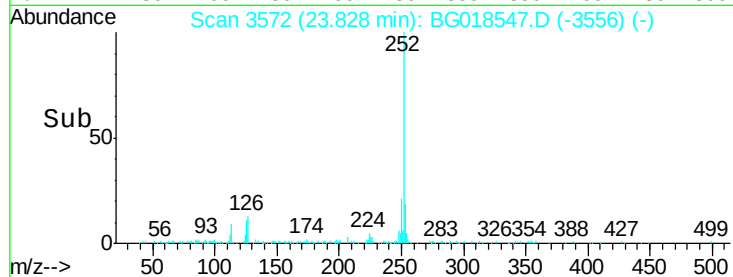
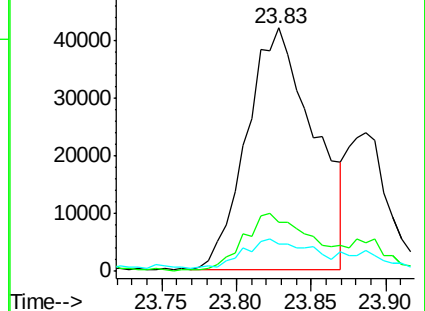
125 11.2 9.0 13.4



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: 2.04 ng/ul

RT: 24.69 min Scan# 3718

Delta R.T. -0.06 min

Lab File: BG018547.D

Acq: 29 Aug 2015 21:56

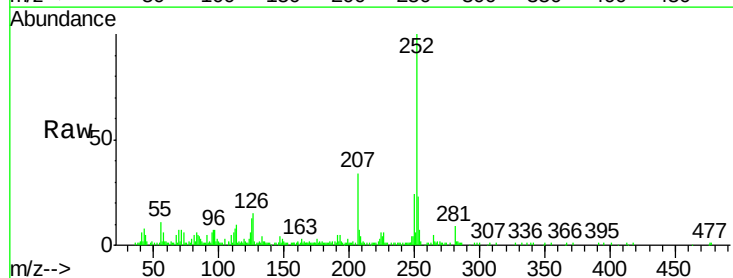
Tgt Ion:252 Resp: 85581

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 13.0 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

