

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021326.D
 Acq On : 6 Mar 2016 5:02
 Operator : UM/SJ
 Sample : H1650-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C210

Quant Time: Mar 07 04:53:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 07 04:51:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	12685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	59502	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	35207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	81294	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	87668	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	81727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	762	2.44	ng/uL	0.00
5) Phenol-d5	7.27	99	17635	13.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	13089	14.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13358	14.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	12224	11.52	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7009	14.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7229	14.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12492	13.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	9390	8.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	43404	14.71	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	55848	15.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6050	10.52	ng/ul	0.00
58) Fluorene-d10	15.72	176	39318	15.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6427	11.02	ng/ul	0.00
71) Anthracene-d10	17.57	188	63546	15.72	ng/ul	0.00
79) Pyrene-d10	19.84	212	73393	16.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	69030	15.65	ng/ul	0.00

Target Compounds

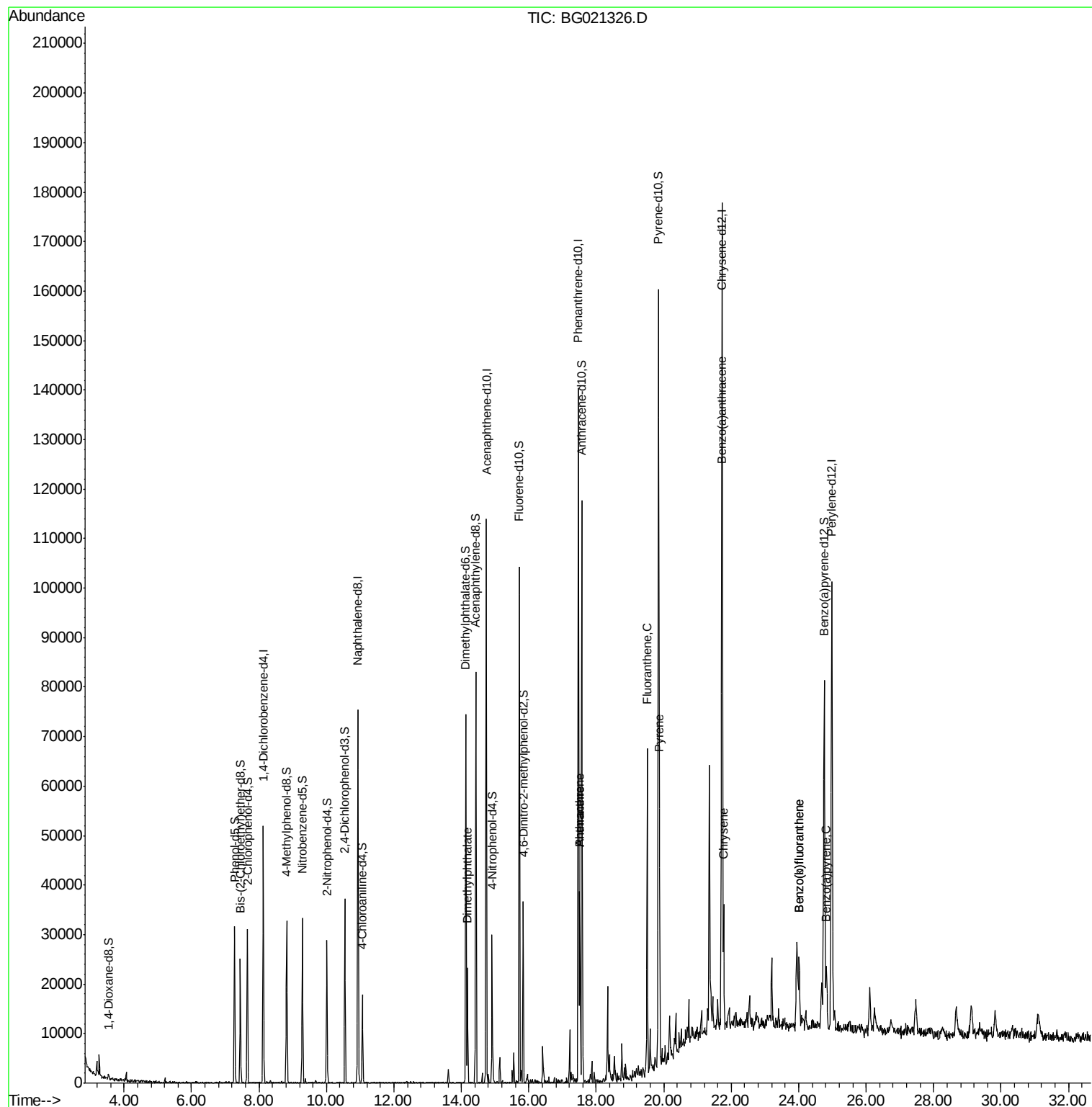
						Qvalue
45) Dimethylphthalate	14.18	163	13587	4.28	ng/ul	97
70) Phenanthrene	17.51	178	22842	4.67	ng/ul	98
72) Anthracene	17.51	178	22842	4.62	ng/ul	98
77) Fluoranthene	19.51	202	36360	6.35	ng/ul	96
80) Pyrene	19.87	202	30982	5.27	ng/ul#	96
83) Benzo(a)anthracene	21.71	228	18136	3.19	ng/ul	96
85) Chrysene	21.77	228	15557	2.93	ng/ul	96
88) Benzo(b)fluoranthene	24.01	252	6208	1.10	ng/ul	97
89) Benzo(k)fluoranthene	24.01	252	6208	1.14	ng/ul	97
91) Benzo(a)pyrene	24.82	252	13977	2.56	ng/ul	96

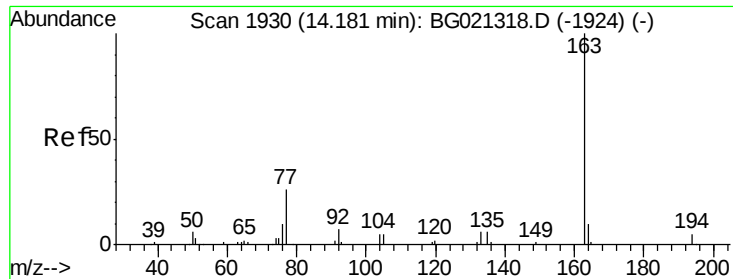
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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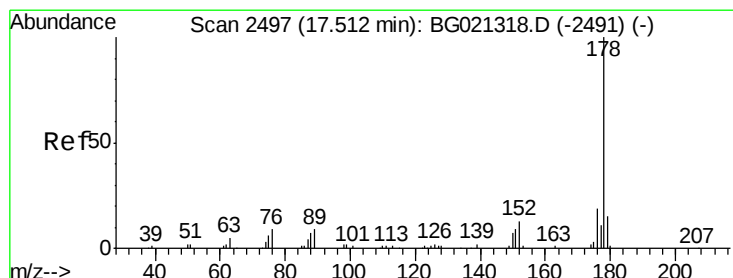
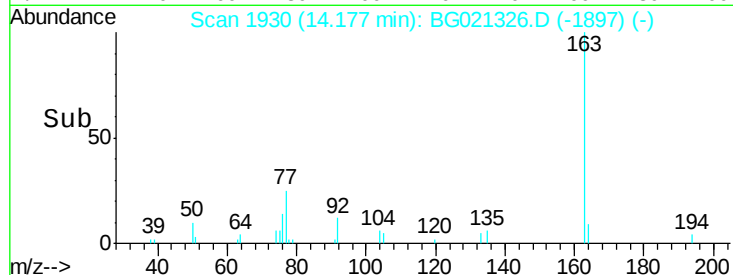
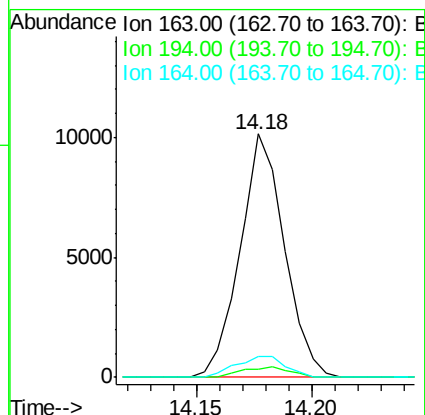
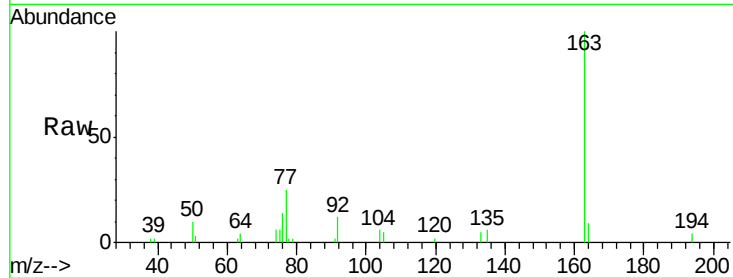




#45
Dimethylphthalate
Concen: 4.28 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

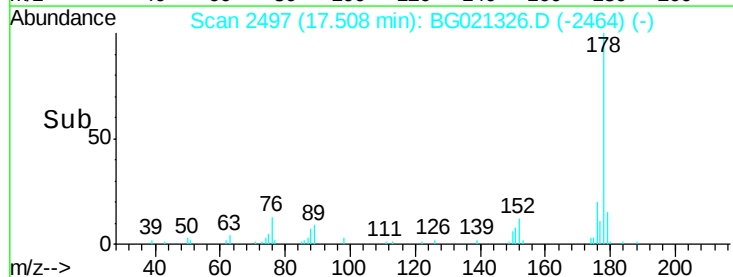
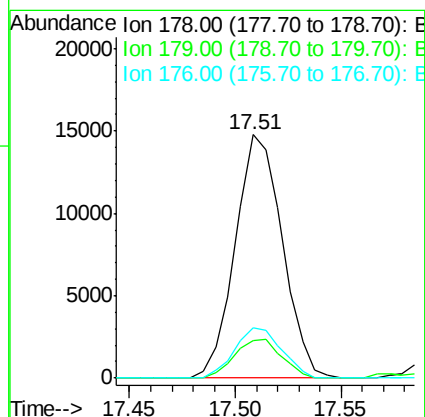
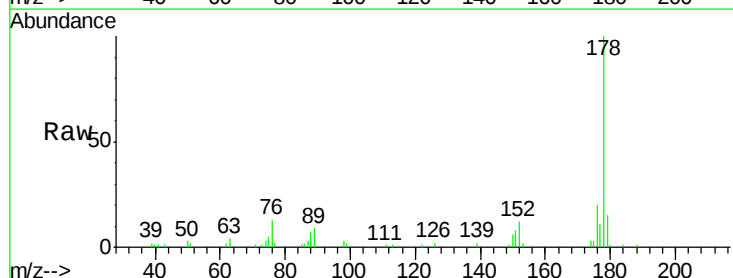
Instrument :
BNA_G
ClientSampleId :
MS-SS-C210

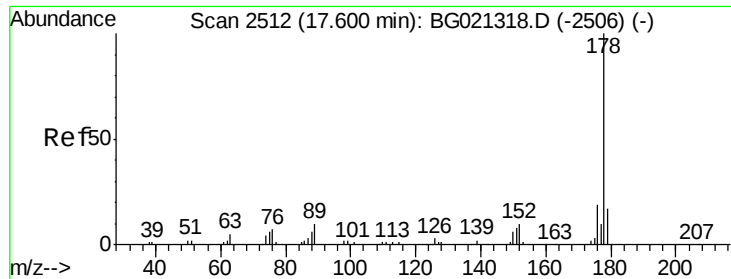
Tgt Ion:163 Resp: 13587
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 8.7 8.2 12.2



#70
Phenanthrene
Concen: 4.67 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion:178 Resp: 22842
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 20.5 15.1 22.7

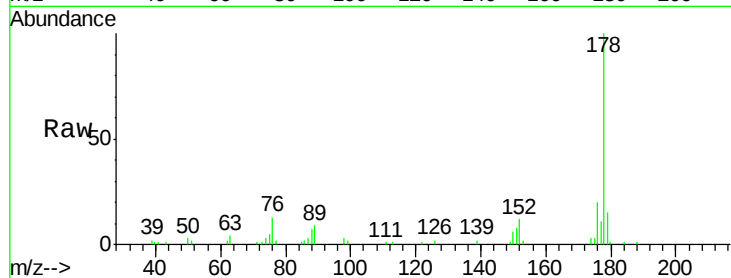




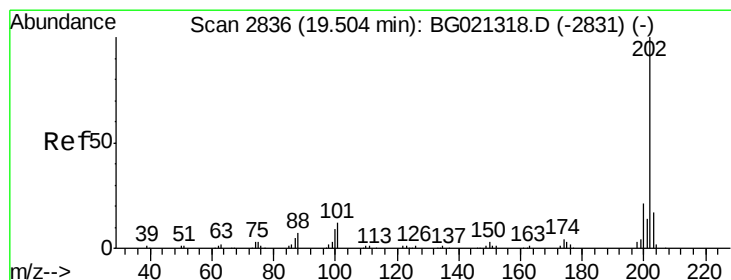
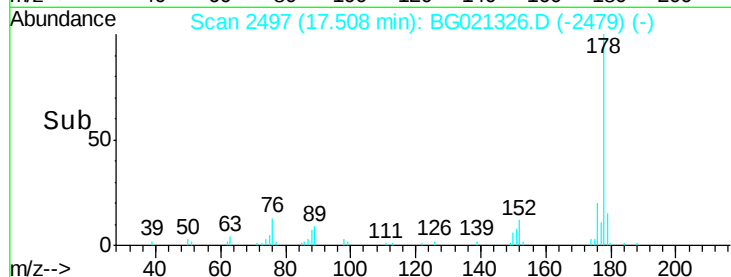
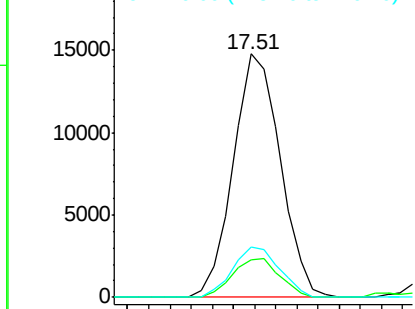
#72
 Anthracene
 Concen: 4.62 ng/ul
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.09 min
 Lab File: BG021326.D
 Acq: 6 Mar 2016 5:02

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C210

Tgt Ion:178 Resp: 22842
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.8 17.8
 176 20.5 15.2 22.8

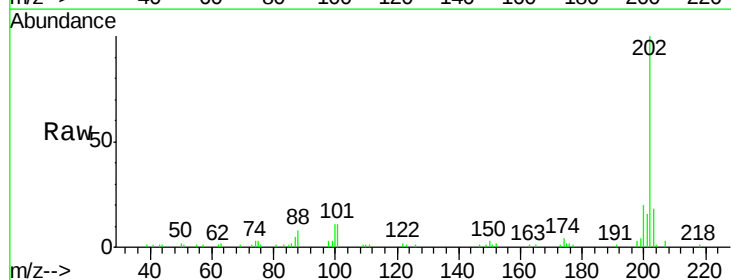


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

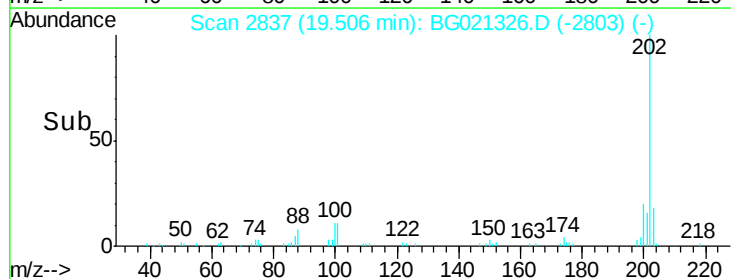
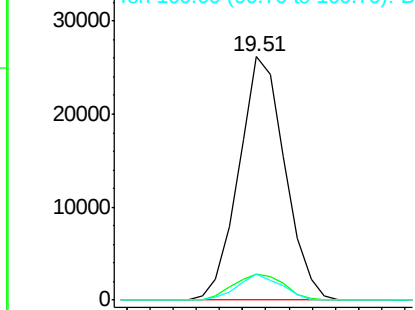


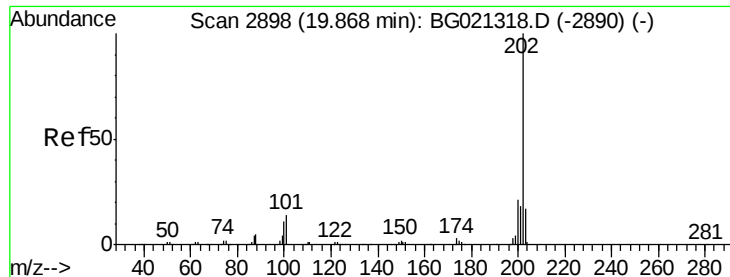
#77
 Fluoranthene
 Concen: 6.35 ng/ul
 RT: 19.51 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BG021326.D
 Acq: 6 Mar 2016 5:02

Tgt Ion:202 Resp: 36360
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.9 14.9
 100 10.6 7.4 11.0



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: 5.27 ng/ul

RT: 19.87 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG021326.D

Acq: 6 Mar 2016 5:02

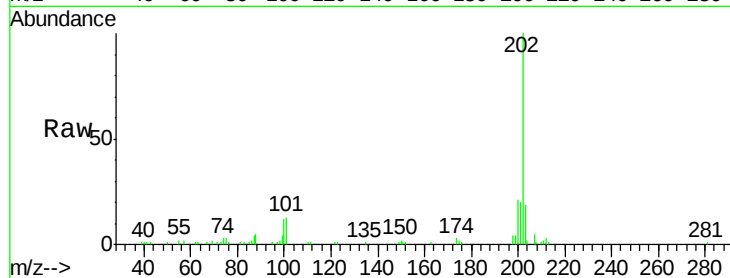
Instrument :

BNA_G

ClientSampleId :

MS-SS-C210

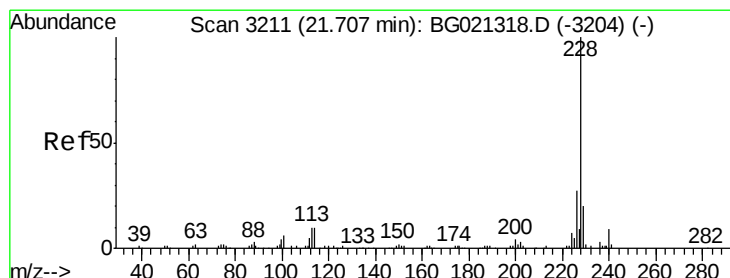
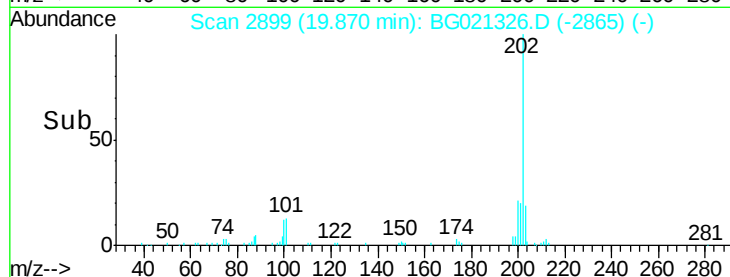
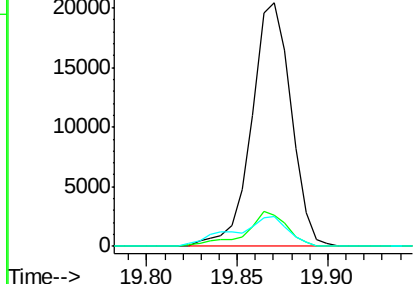
Tgt Ion:	202	Resp:	30982
Ion Ratio	Lower	Upper	
202	100		
101	12.9	11.0	16.4
100	12.3	8.1	12.1#



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



#83

Benzo(a)anthracene

Concen: 3.19 ng/ul

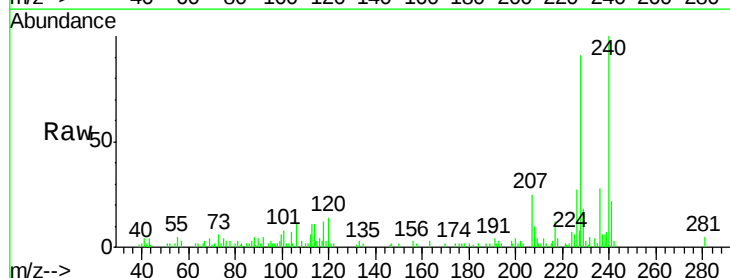
RT: 21.71 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BG021326.D

Acq: 6 Mar 2016 5:02

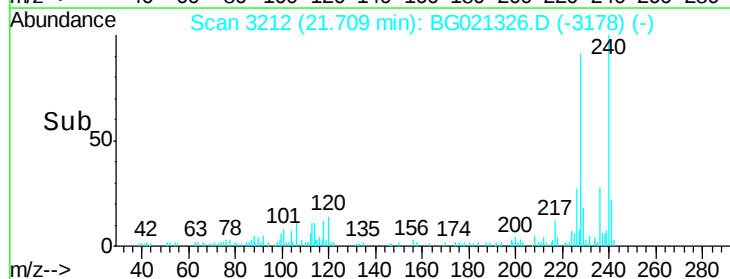
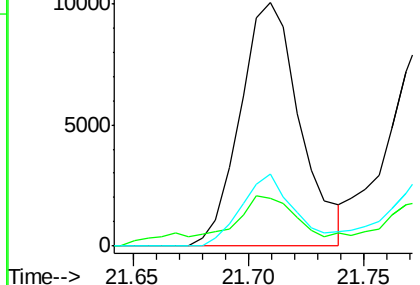
Tgt Ion:	228	Resp:	18136
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.7	23.5
226	29.6	21.1	31.7

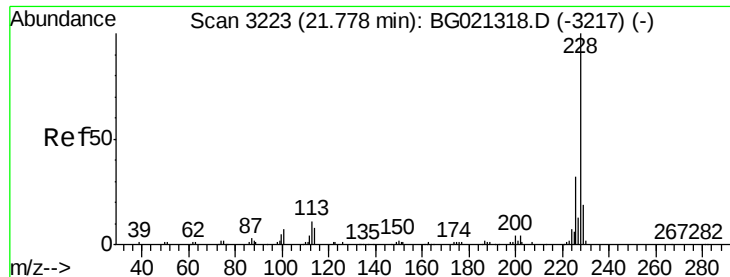


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.93 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BG021326.D

Acq: 6 Mar 2016 5:02

Instrument :

BNA_G

ClientSampleId :

MS-SS-C210

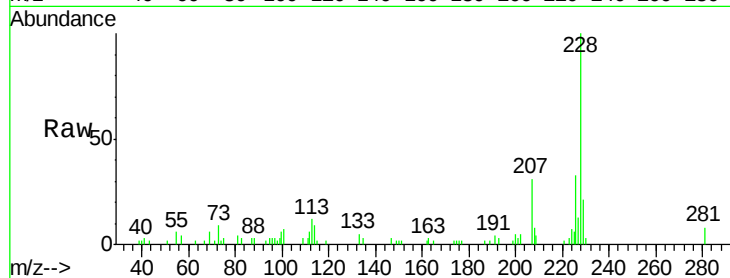
Tgt Ion: 228 Resp: 15557

Ion Ratio Lower Upper

228 100

226 33.5 24.5 36.7

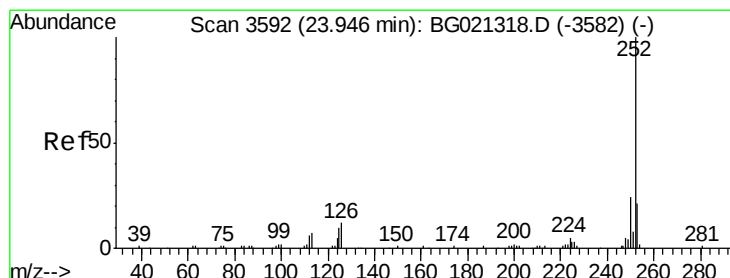
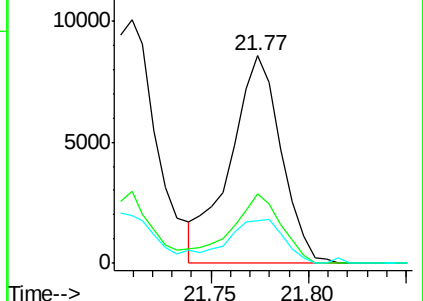
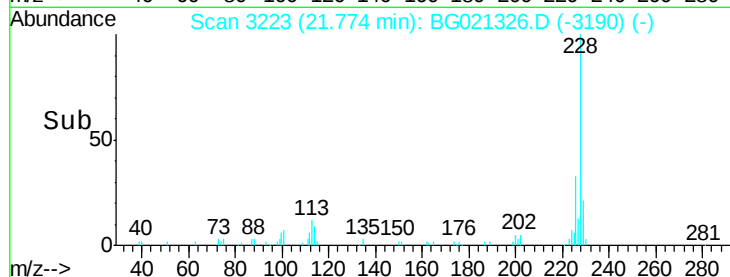
229 20.7 15.8 23.8



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: 1.10 ng/ul

RT: 24.01 min Scan# 3604

Delta R.T. 0.07 min

Lab File: BG021326.D

Acq: 6 Mar 2016 5:02

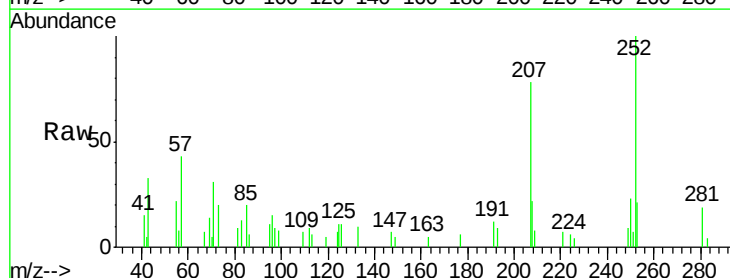
Tgt Ion: 252 Resp: 6208

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

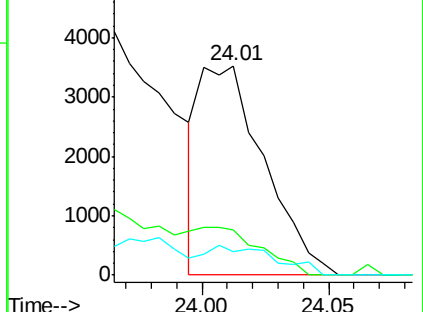
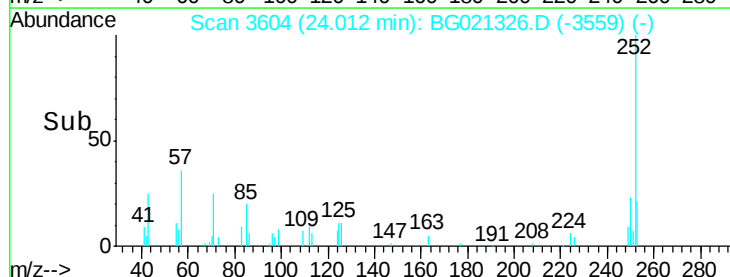
125 11.3 8.0 12.0

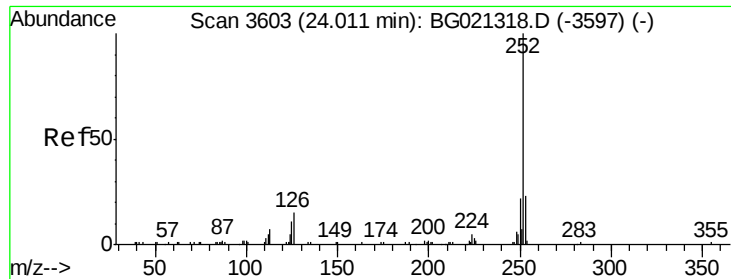


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

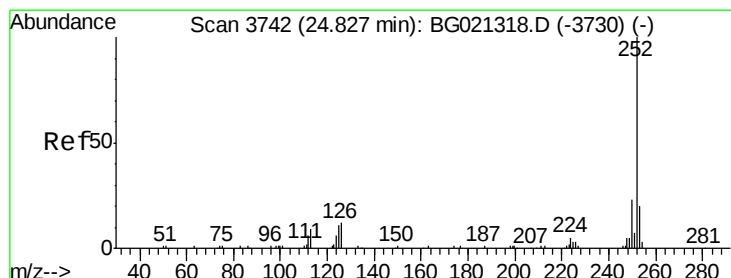
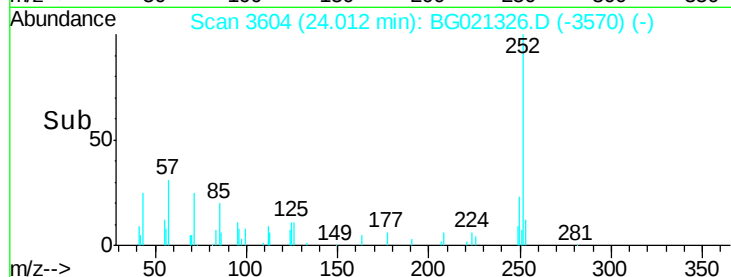
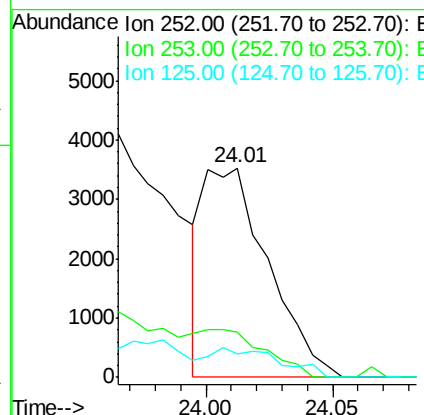
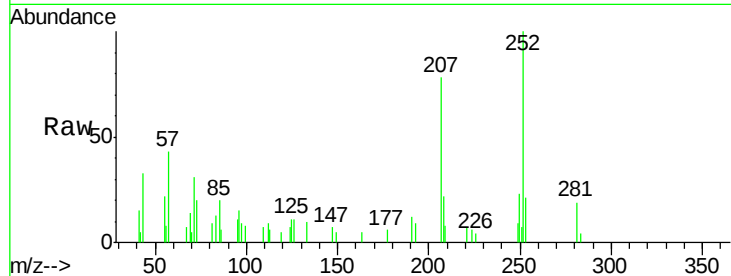




#89
Benzo(k)fluoranthene
Concen: 1.14 ng/ul
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Instrument :
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MS-SS-C210

Tgt Ion:252 Resp: 6208
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 11.3 8.1 12.1



#91
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 24.82 min Scan# 3742
Delta R.T. -0.00 min
Lab File: BG021326.D
Acq: 6 Mar 2016 5:02

Tgt Ion:252 Resp: 13977
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 12.0 8.2 12.4

