

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
 Data File : BG021328.D
 Acq On : 6 Mar 2016 6:20
 Operator : UM/SJ
 Sample : H1650-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-C70

Quant Time: Mar 07 04:53:43 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	8.12	152	10643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	50510	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	29254	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	69375	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	74121	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	68376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	722	2.75	ng/uL	0.00
5) Phenol-d5	7.27	99	17894	15.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	13254	17.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13556	17.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	13628	15.31	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	7165	17.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	7469	17.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	12970	16.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	7653	7.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	44300	18.07	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	56931	18.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6432	13.46	ng/ul	0.00
58) Fluorene-d10	15.72	176	40671	18.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	6579	13.21	ng/ul	0.00
71) Anthracene-d10	17.56	188	62364	18.08	ng/ul	0.00
79) Pyrene-d10	19.84	212	71833	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	69744	18.89	ng/ul	0.00

Target Compounds

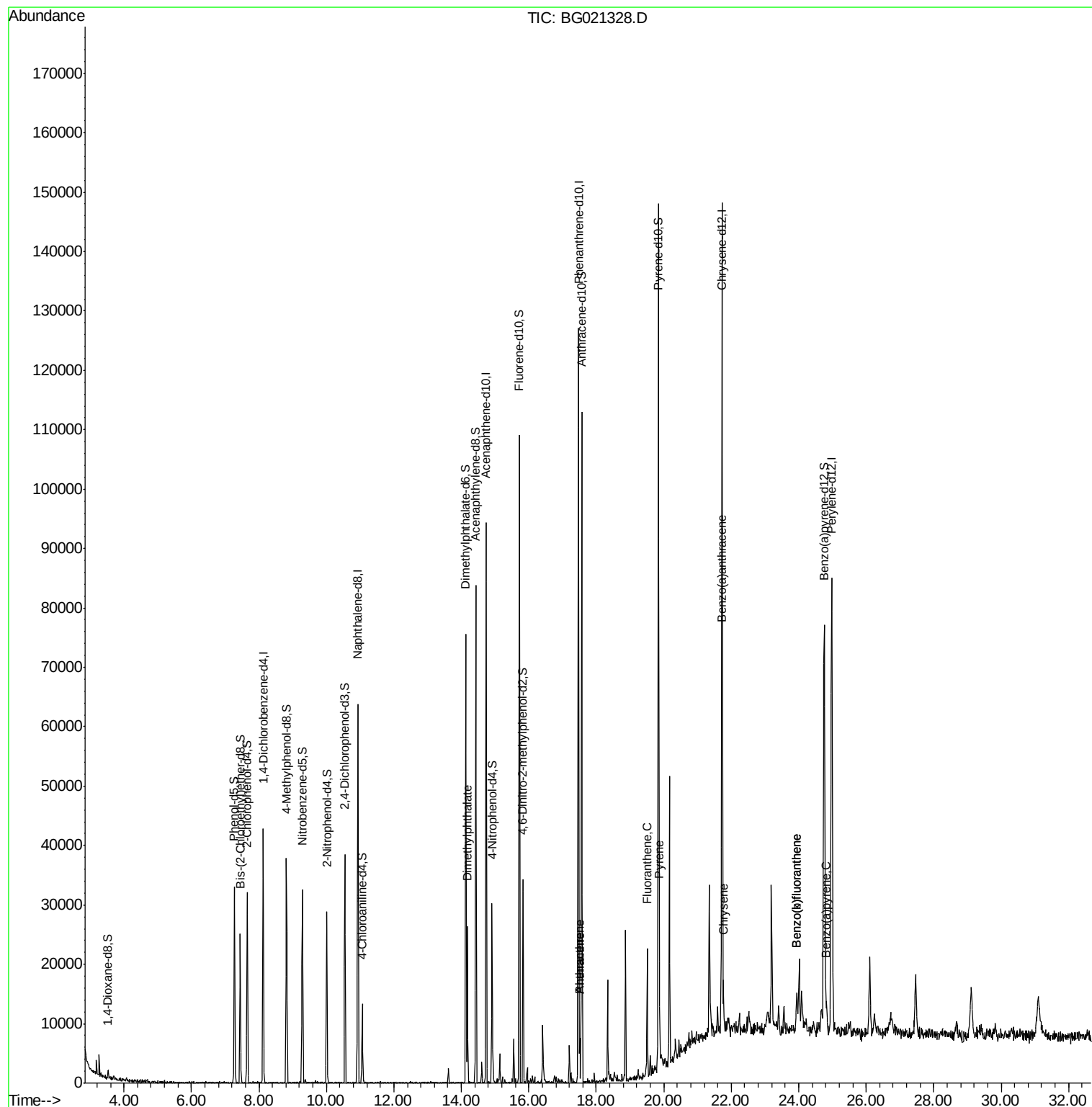
						Qvalue
45) Dimethylphthalate	14.18	163	15795	5.99	ng/ul#	98
70) Phenanthrene	17.51	178	4989	1.20	ng/ul	97
72) Anthracene	17.51	178	4989	1.18	ng/ul	96
77) Fluoranthene	19.51	202	12925	2.65	ng/ul	99
80) Pyrene	19.87	202	11328	2.28	ng/ul	99
83) Benzo(a)anthracene	21.71	228	7085	1.47	ng/ul	92
85) Chrysene	21.77	228	5711	1.27	ng/ul	94
88) Benzo(b)fluoranthene	23.95	252	7414	1.57	ng/ul#	95
89) Benzo(k)fluoranthene	23.95	252	7414	1.62	ng/ul#	95
91) Benzo(a)pyrene	24.82	252	6241	1.37	ng/ul#	92

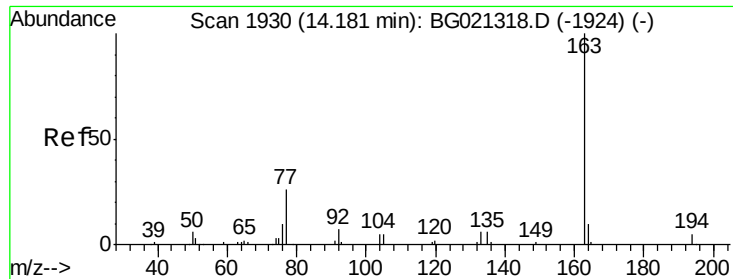
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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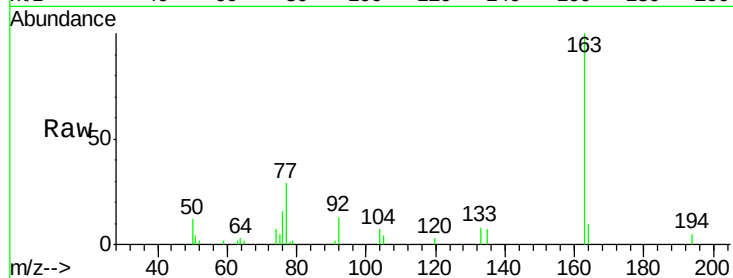




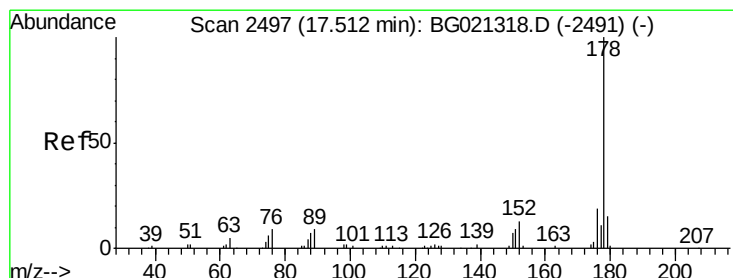
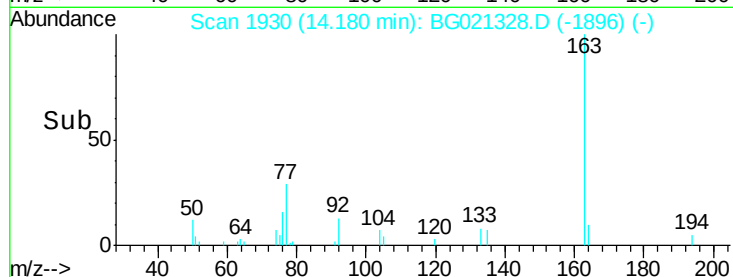
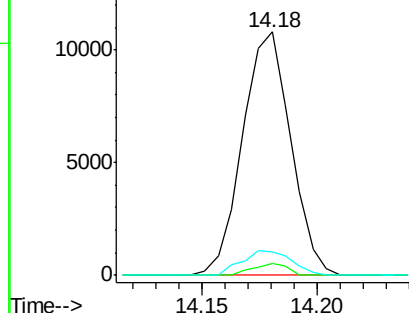
#45
Dimethylphthalate
Concen: 5.99 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

Tgt Ion:163 Resp: 15795
Ion Ratio Lower Upper
163 100
194 4.9 2.8 4.2#
164 9.7 8.2 12.2

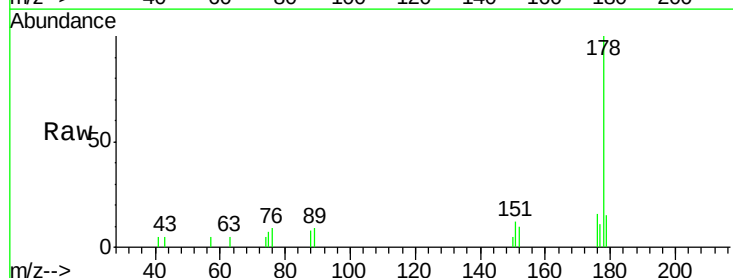


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

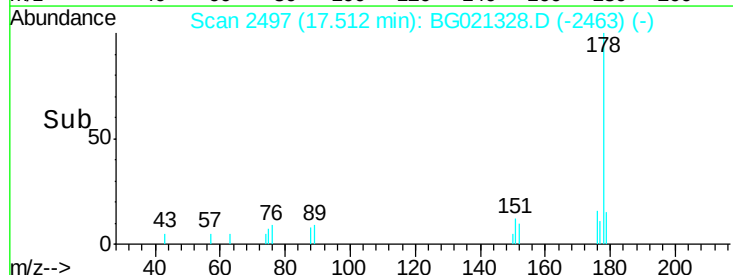
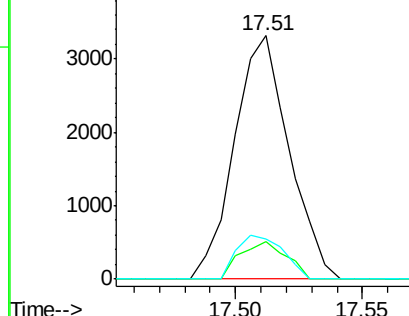


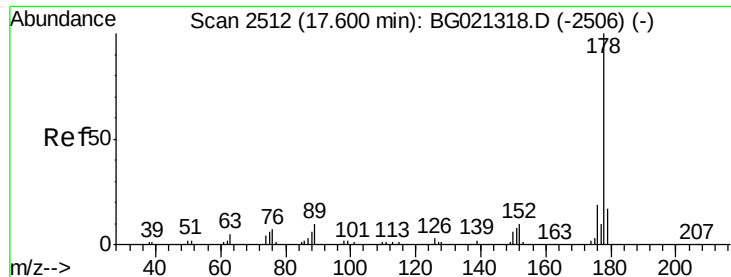
#70
Phenanthrene
Concen: 1.20 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

Tgt Ion:178 Resp: 4989
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 16.3 15.1 22.7



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: 1.18 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

Lab File: BG021328.D

Acq: 6 Mar 2016 6:20

Instrument :

BNA_G

ClientSampleId :

MS-SS-C70

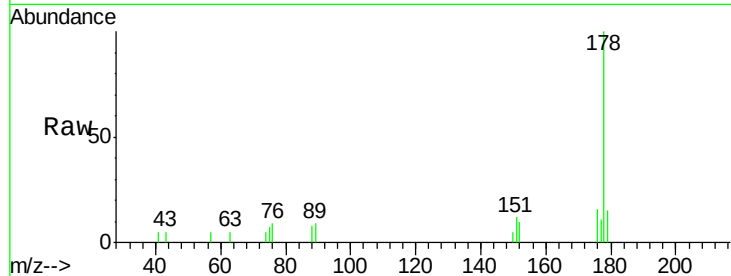
Tgt Ion:178 Resp: 4989

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

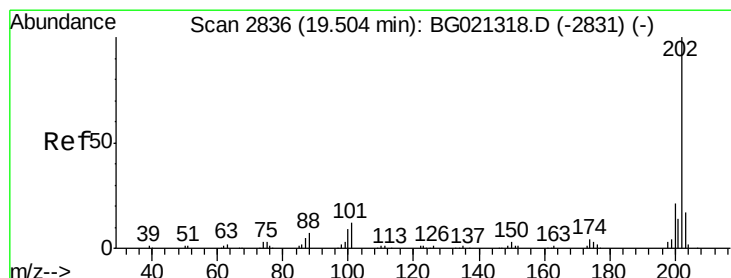
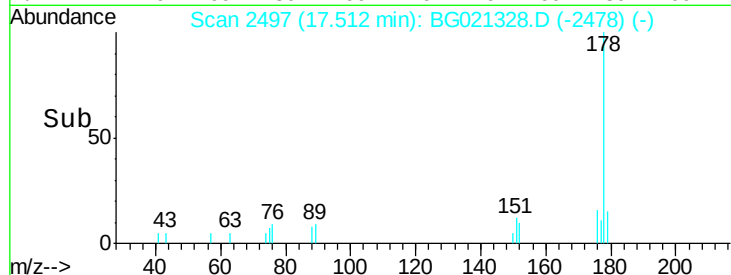
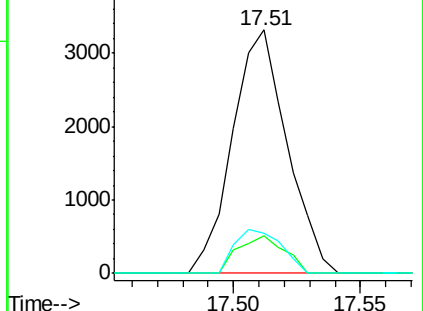
176 16.3 15.2 22.8



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: 2.65 ng/ul

RT: 19.51 min Scan# 2837

Delta R.T. 0.01 min

Lab File: BG021328.D

Acq: 6 Mar 2016 6:20

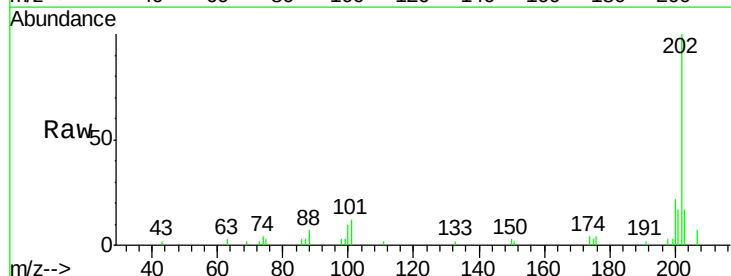
Tgt Ion:202 Resp: 12925

Ion Ratio Lower Upper

202 100

101 12.3 9.9 14.9

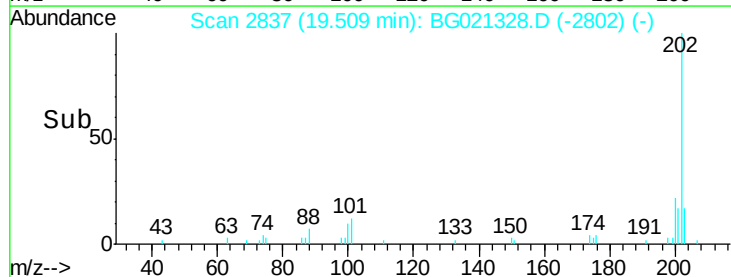
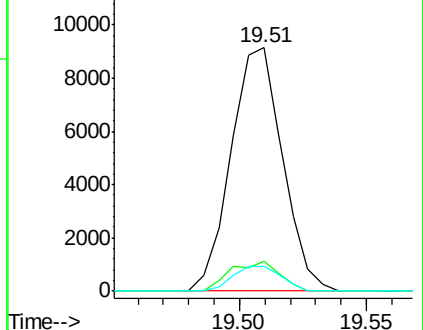
100 10.3 7.4 11.0

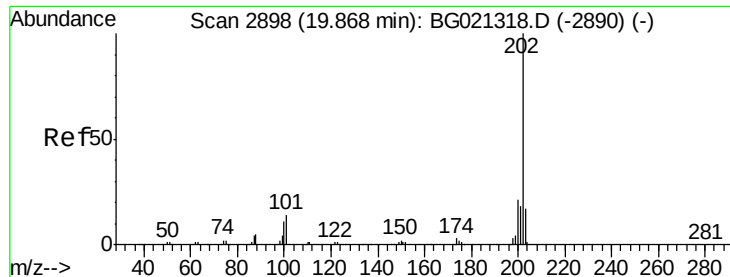


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

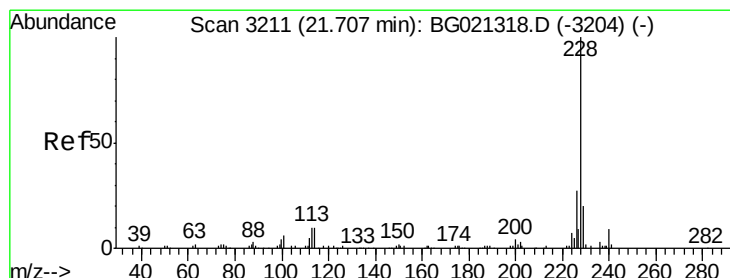
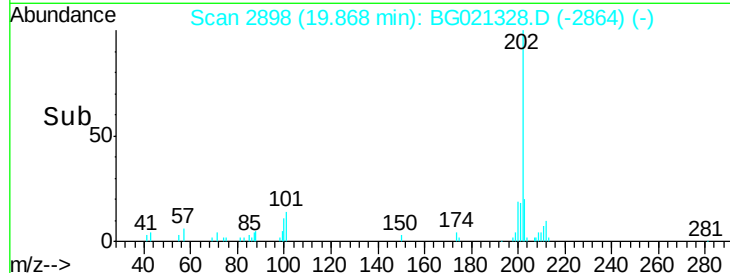
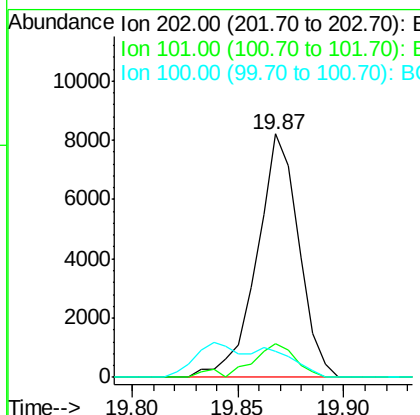
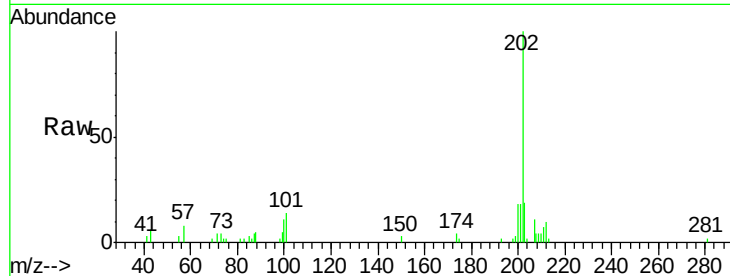




#80
 Pyrene
 Concen: 2.28 ng/ul
 RT: 19.87 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: BG021328.D
 Acq: 6 Mar 2016 6:20

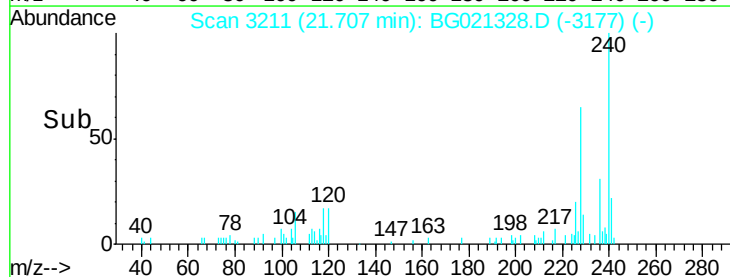
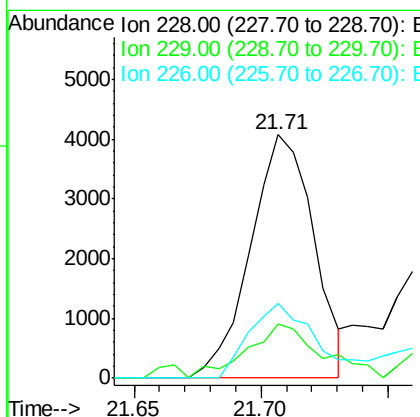
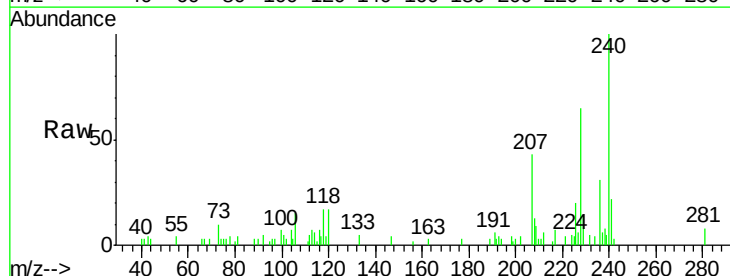
Instrument :
 BNA_G
 ClientSampled :
 MS-SS-C70

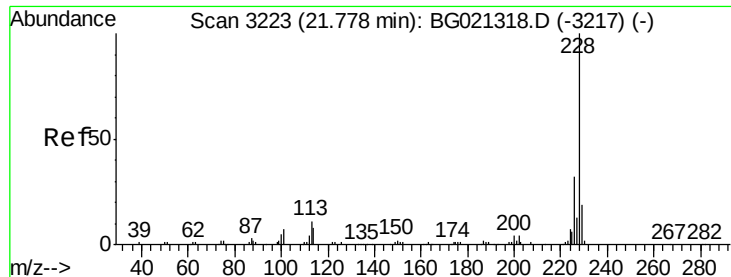
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
100	10.6	8.1	12.1



#83
 Benzo(a)anthracene
 Concen: 1.47 ng/ul
 RT: 21.71 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: BG021328.D
 Acq: 6 Mar 2016 6:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	30.9	21.1	31.7

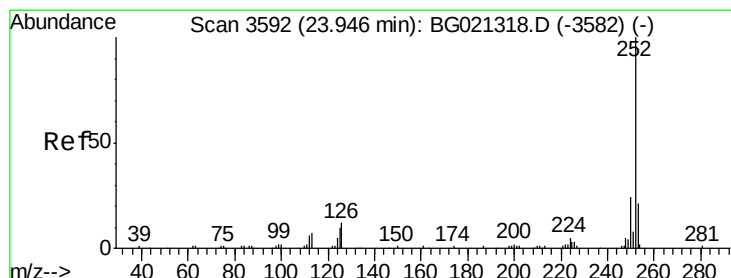
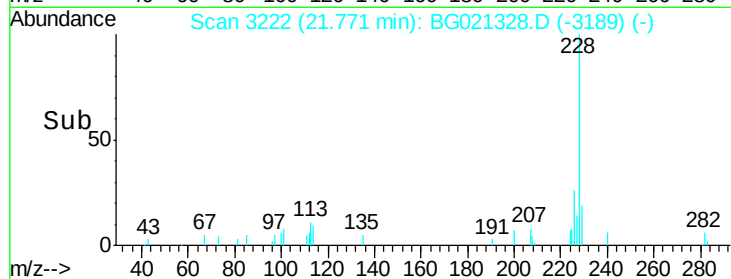
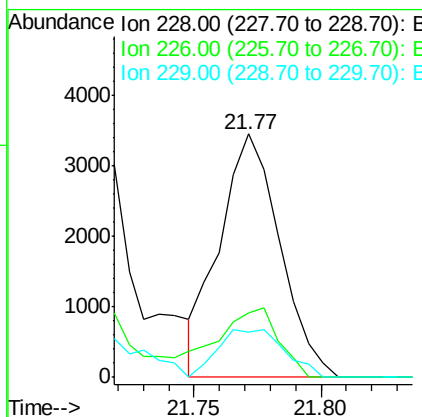
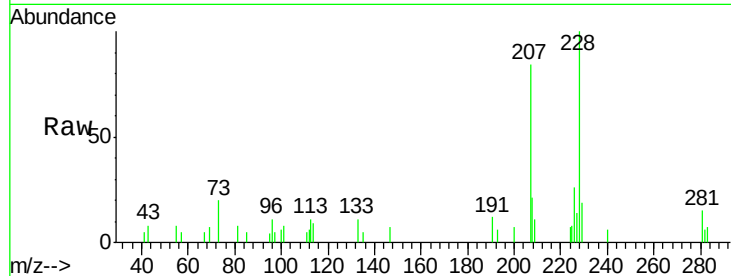




#85
Chrysene
Concen: 1.27 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

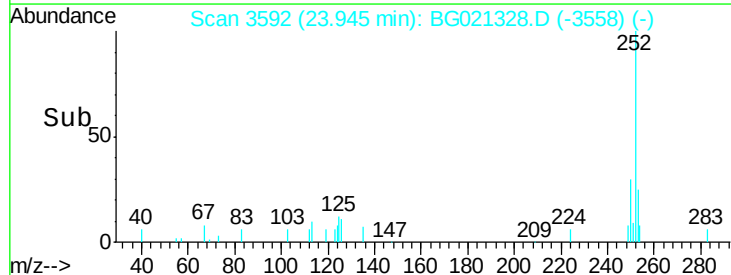
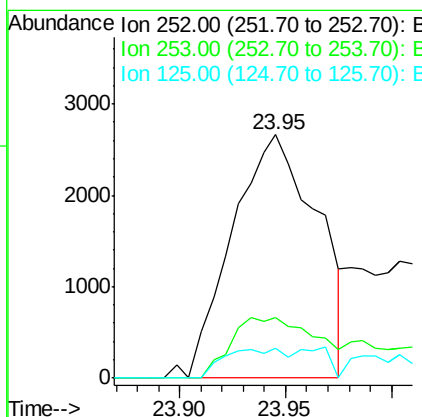
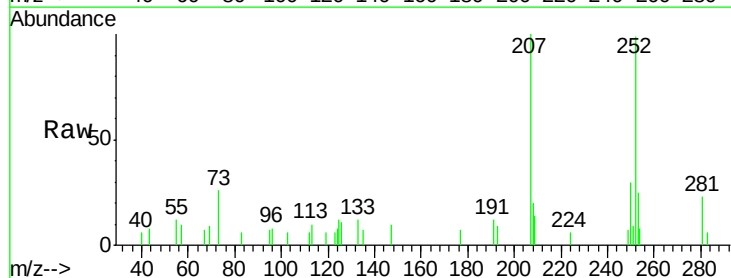
Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

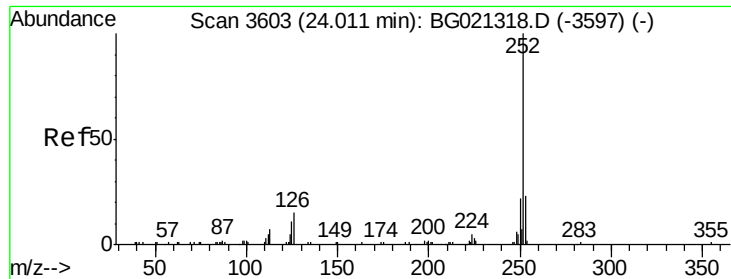
Tgt Ion: 228 Resp: 5711
Ion Ratio Lower Upper
228 100
226 26.3 24.5 36.7
229 18.6 15.8 23.8



#88
Benzo(b)fluoranthene
Concen: 1.57 ng/ul
RT: 23.95 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

Tgt Ion: 252 Resp: 7414
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 12.2 8.0 12.0#

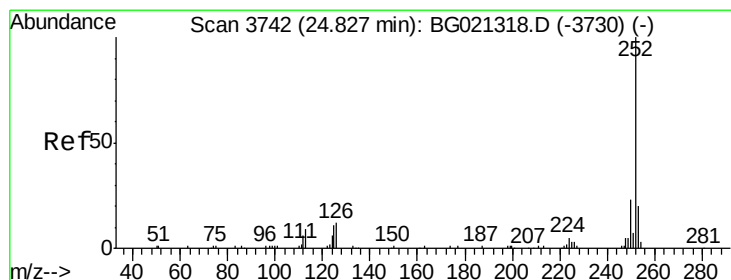
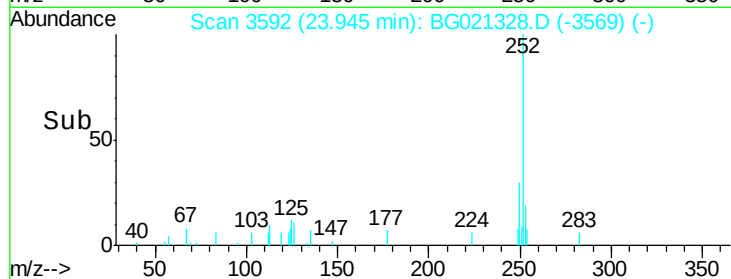
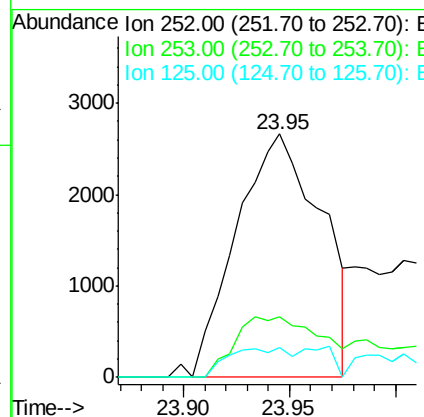
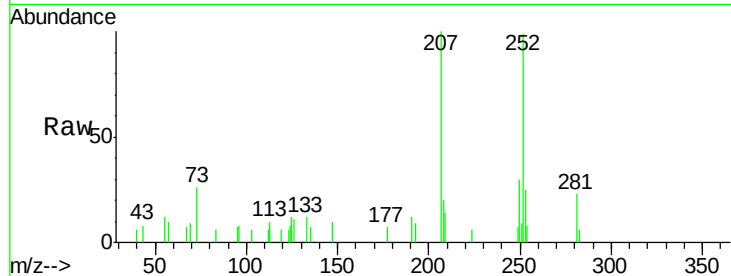




#89
Benzo(k)fluoranthene
Concen: 1.62 ng/ul
RT: 23.95 min Scan# 3592
Delta R.T. -0.07 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

Instrument :
BNA_G
ClientSampleId :
MS-SS-C70

Tgt Ion:252 Resp: 7414
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 12.2 8.1 12.1#



#91
Benzo(a)pyrene
Concen: 1.37 ng/ul
RT: 24.82 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG021328.D
Acq: 6 Mar 2016 6:20

Tgt Ion:252 Resp: 6241
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 14.6 8.2 12.4#

