

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021491.D
 Acq On : 24 Mar 2016 19:04
 Operator : UM/SJ
 Sample : H1909-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T45

Quant Time: Mar 25 01:32:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 01:20:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	9675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	47585	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	32333	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	80351	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	87898	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	85267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	597	2.77	ng/uL	0.00
5) Phenol-d5	7.34	99	14861	16.25	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	10099	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	11844	17.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	12468	15.91	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	6398	17.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7009	17.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	12768	17.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	16624	17.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	49582	18.42	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	59435	17.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	4676	10.87	ng/ul	0.02
58) Fluorene-d10	15.66	176	44742	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	6711	12.64	ng/ul	0.00
71) Anthracene-d10	17.51	188	71083	18.05	ng/ul	0.00
79) Pyrene-d10	19.79	212	80156	19.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	81334	20.67	ng/ul	0.00

Target Compounds

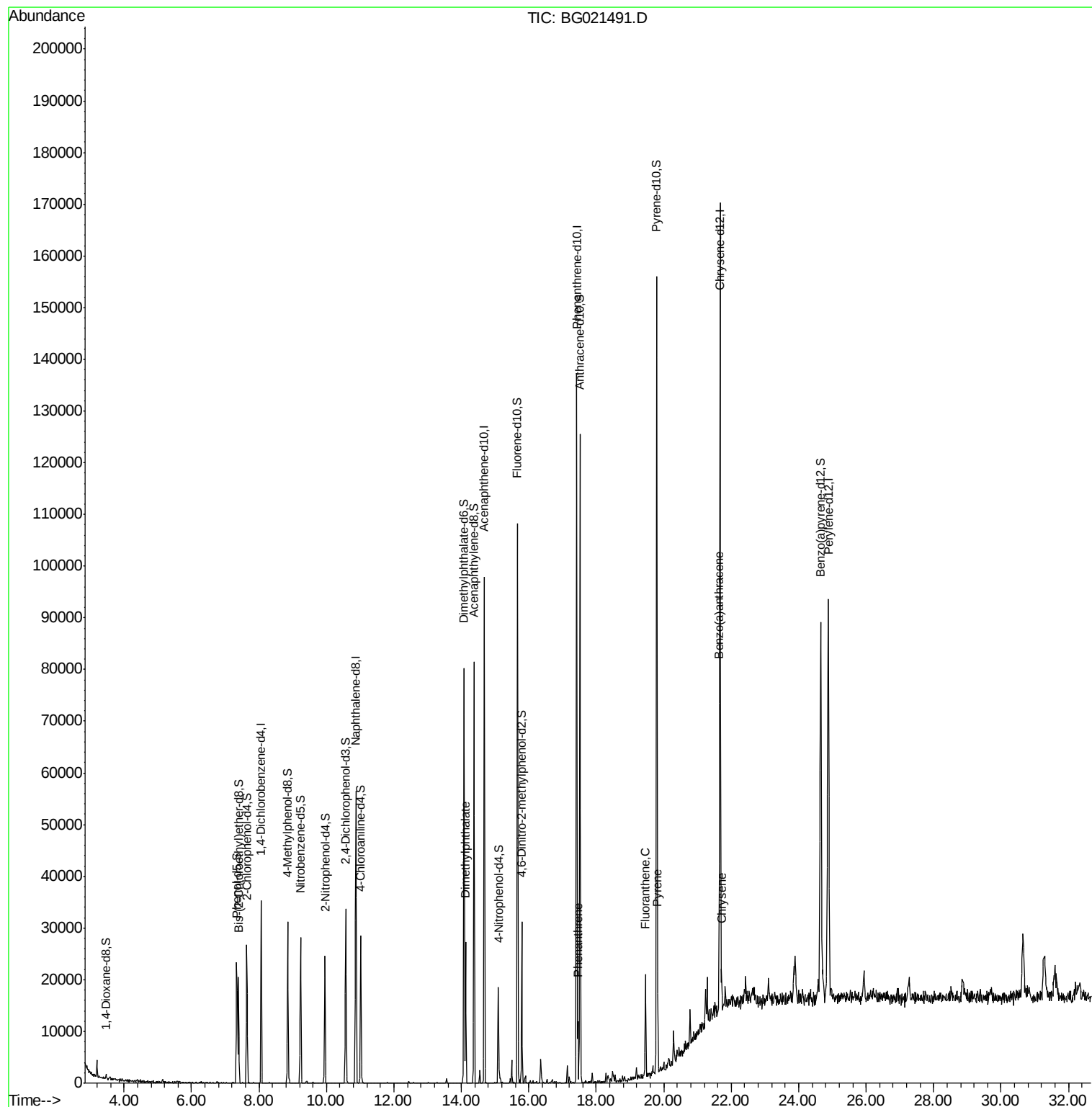
						Ovalue
45) Dimethylphthalate	14.12	163	16970	6.07	ng/ul	100
70) Phenanthrene	17.46	178	7657	1.68	ng/ul	99
77) Fluoranthene	19.45	202	13288	2.42	ng/ul#	94
80) Pyrene	19.82	202	11621	2.22	ng/ul#	91
83) Benzo(a)anthracene	21.64	228	6943	1.31	ng/ul	95
85) Chrysene	21.72	228	6172	1.23	ng/ul#	91

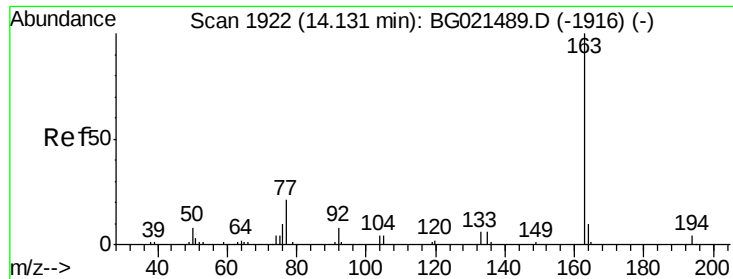
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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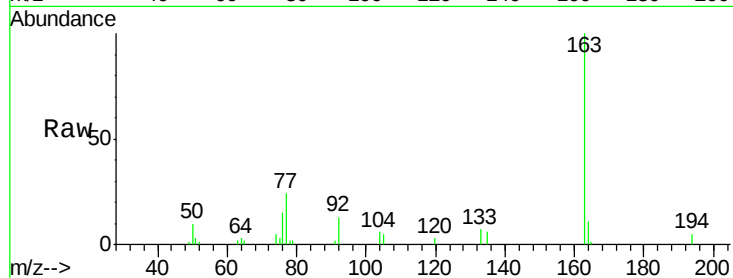




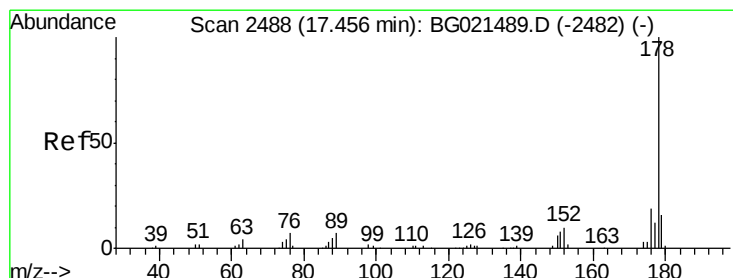
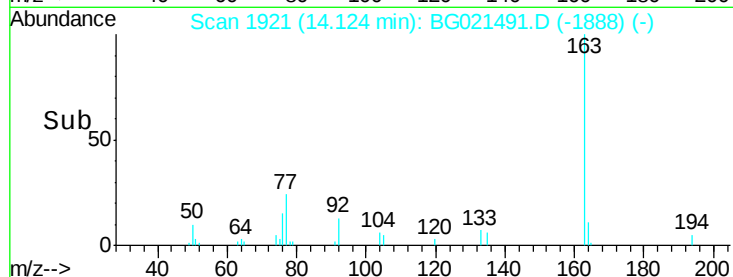
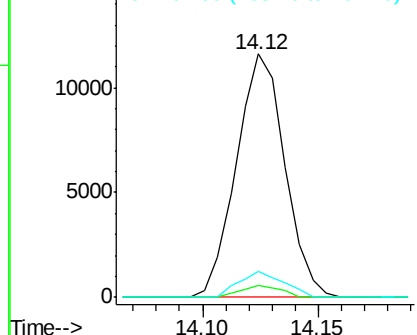
#45
Dimethylphthalate
Concen: 6.07 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Instrument :
BNA_G
ClientSampleId :
A4T45

Tot Ion:163 Resp: 16970
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 10.7 8.7 13.1

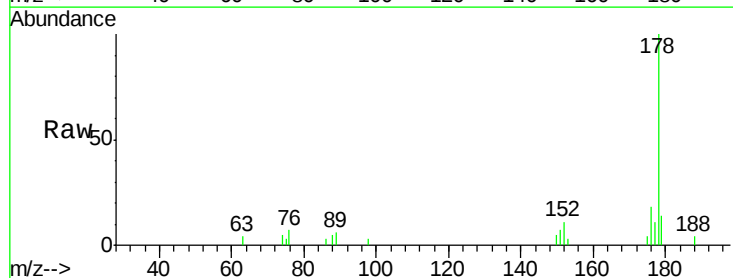


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

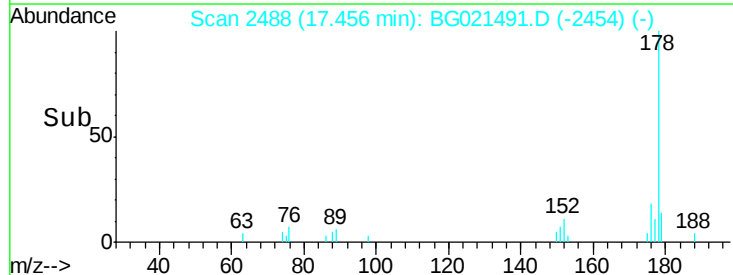
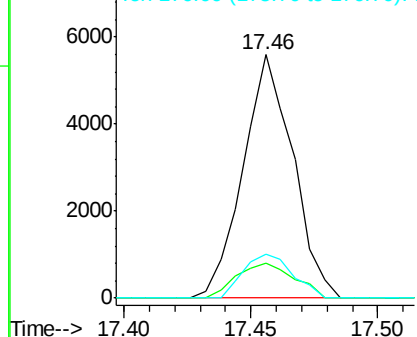


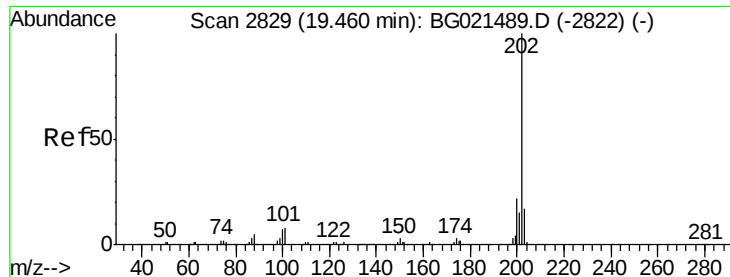
#70
Phenanthrene
Concen: 1.68 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Tgt Ion:178 Resp: 7657
Ion Ratio Lower Upper
178 100
179 14.4 11.8 17.8
176 18.1 14.8 22.2



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

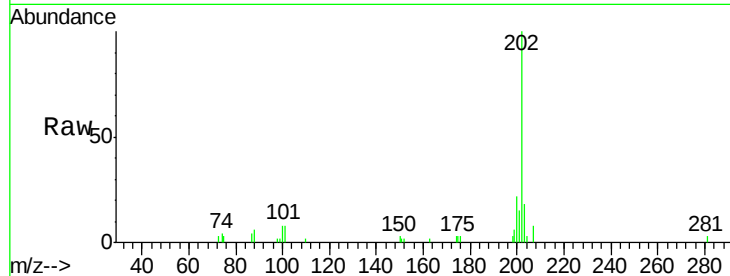




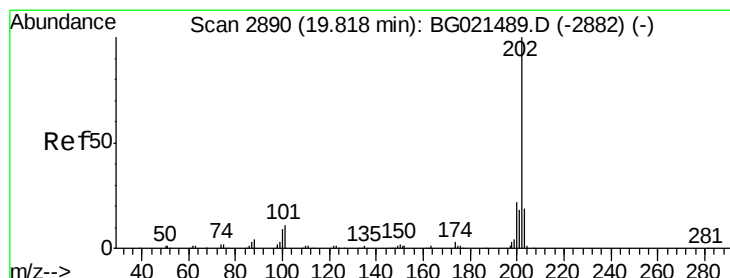
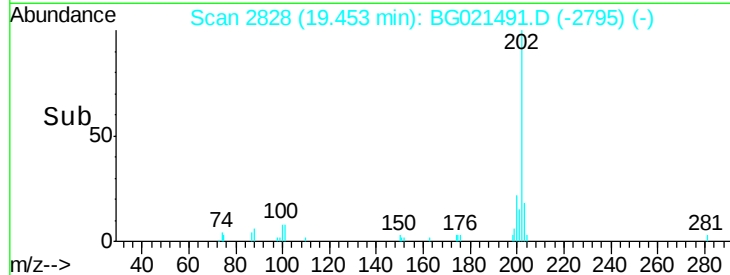
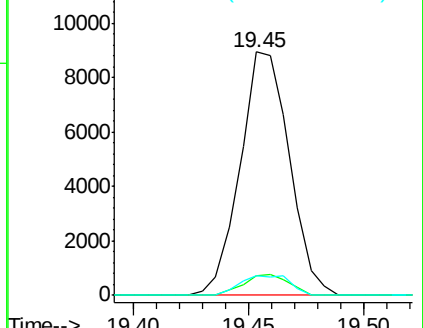
#77
Fluoranthene
Concen: 2.42 ng/ul
RT: 19.45 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Instrument :
BNA_G
ClientSampleId :
A4T45

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	8.9	13.3#
100	7.9	7.0	10.4

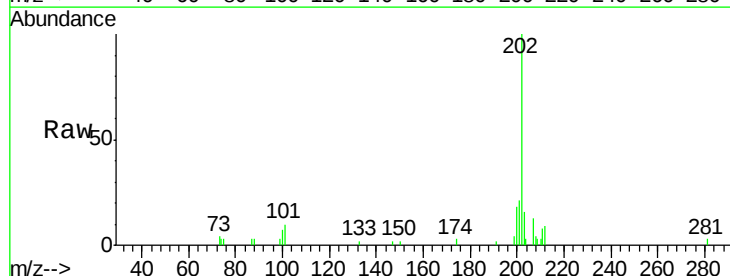


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

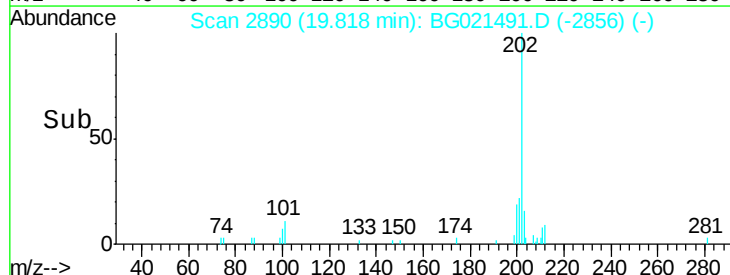
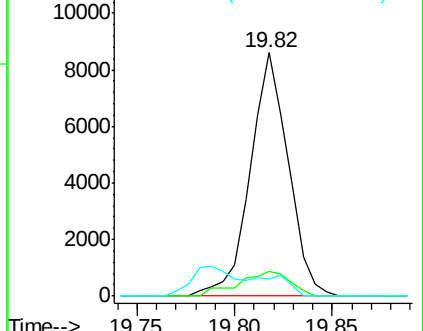


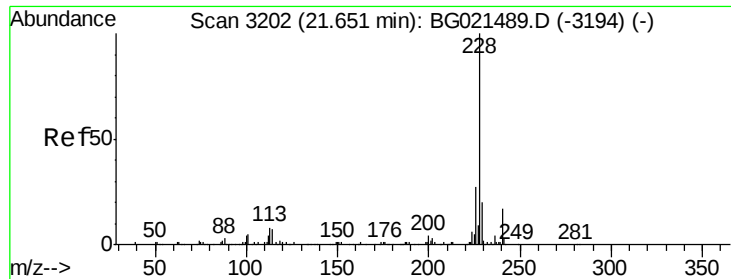
#80
Pyrene
Concen: 2.22 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
100	6.8	9.3	13.9#



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

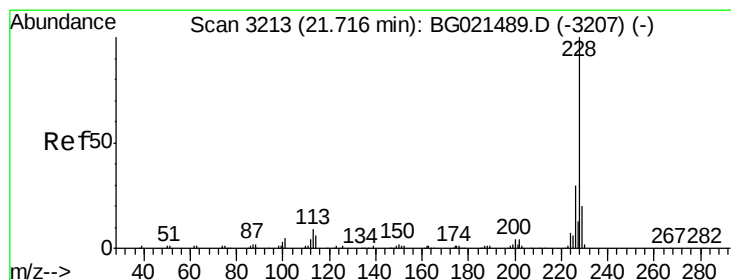
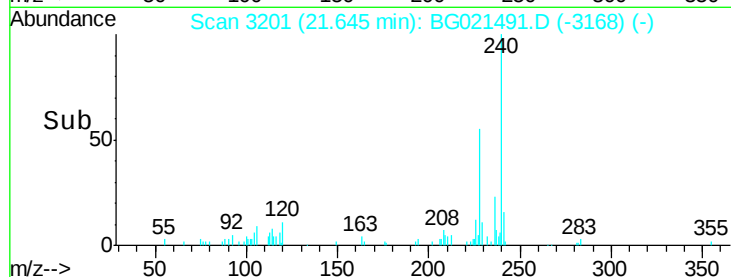
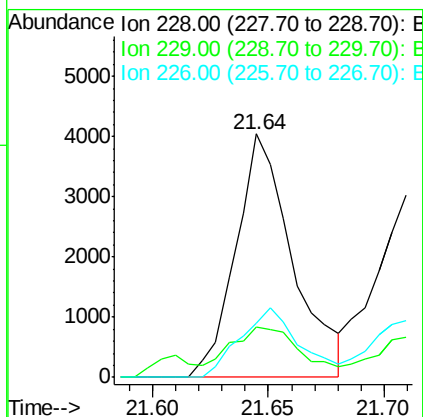
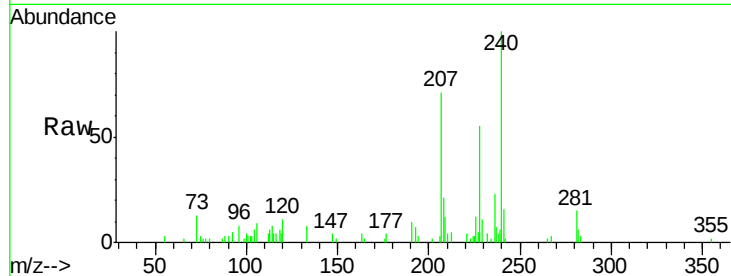




#83
Benzo(a)anthracene
Concen: 1.31 ng/ul
RT: 21.64 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Instrument :
BNA_G
ClientSampled :
A4T45

Tot Ion:228 Resp: 6943
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 22.3 21.0 31.4



#85
Chrysene
Concen: 1.23 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021491.D
Acq: 24 Mar 2016 19:04

Tgt Ion:228 Resp: 6172
Ion Ratio Lower Upper
228 100
226 33.7 23.4 35.2
229 24.8 16.2 24.2#

