

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
 Data File : BG021512.D
 Acq On : 25 Mar 2016 13:00
 Operator : UM/SJ
 Sample : H1909-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T46

Quant Time: Mar 25 23:30:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	18121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	85876	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	53045	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	116656	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	132008	20.00	ng/ul	0.01
86) Perylene-d12	24.90	264	128644	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	985	2.44	ng/uL	0.00
5) Phenol-d5	7.34	99	21647	12.64	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	15374	15.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	19117	14.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	15128	10.31	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	10658	16.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	11651	15.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	19546	14.85	ng/ul	0.01
29) 4-Chloroaniline-d4	11.02	131	23067	13.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	67272	15.23	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	87016	15.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	5750	8.14	ng/ul	0.03
58) Fluorene-d10	15.67	176	61239	15.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	7926	10.28	ng/ul	0.00
71) Anthracene-d10	17.52	188	89652	15.68	ng/ul	0.00
79) Pyrene-d10	19.79	212	101688	16.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	110099	18.54	ng/ul	0.02

Target Compounds

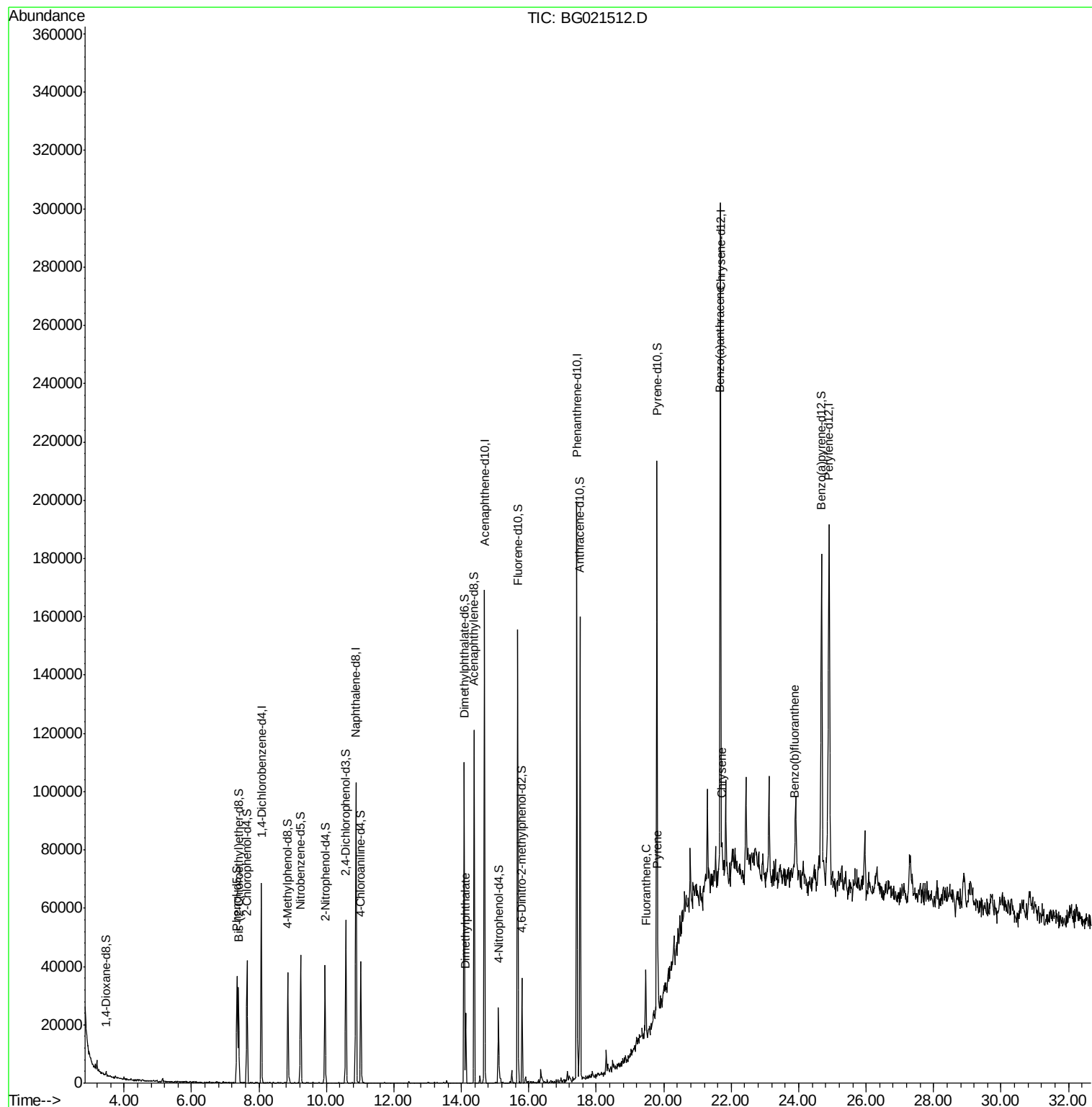
						Qvalue
45) Dimethylphthalate	14.13	163	15577	3.39	ng/ul	98
77) Fluoranthene	19.47	202	13711	1.72	ng/ul#	94
80) Pyrene	19.82	202	12650	1.61	ng/ul#	95
83) Benzo(a)anthracene	21.66	228	8165	1.02	ng/ul#	87
85) Chrysene	21.73	228	8483	1.12	ng/ul#	90
88) Benzo(b)fluoranthene	23.88	252	8319	1.01	ng/ul#	89

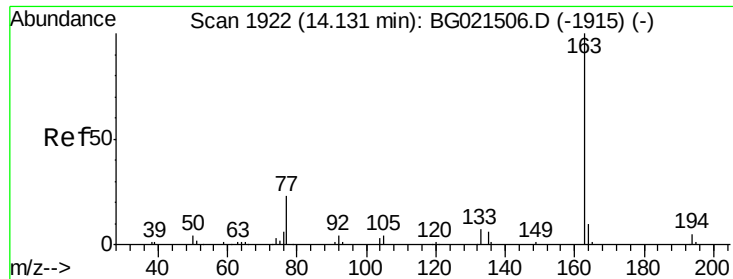
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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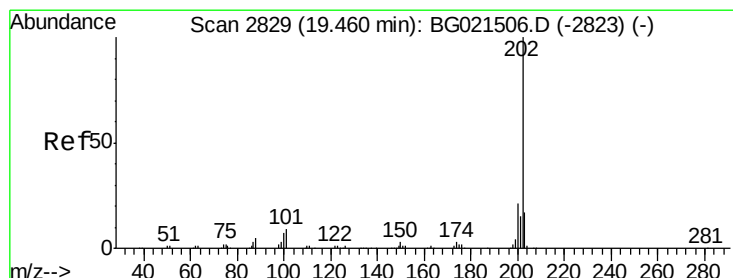
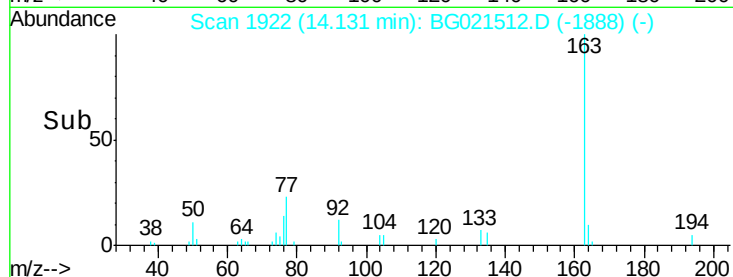
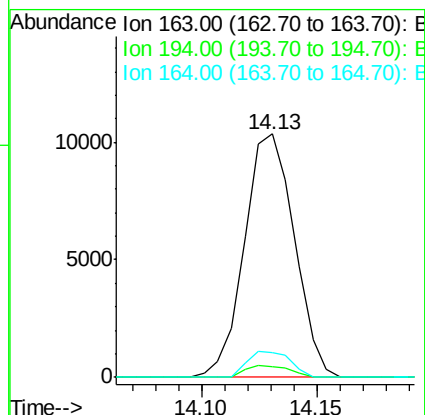
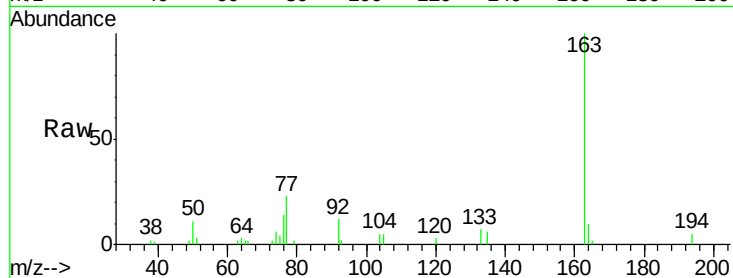




#45
Dimethylphthalate
Concen: 3.39 ng/ul
RT: 14.13 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

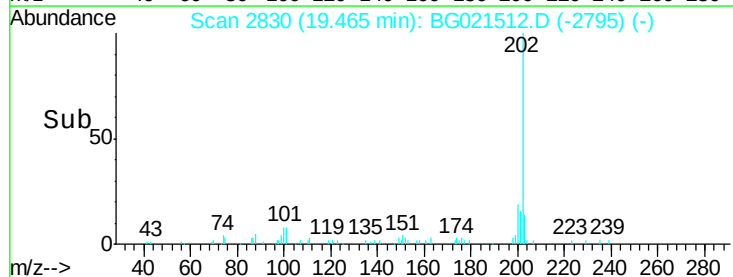
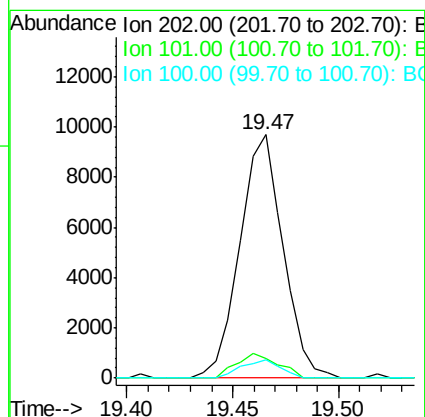
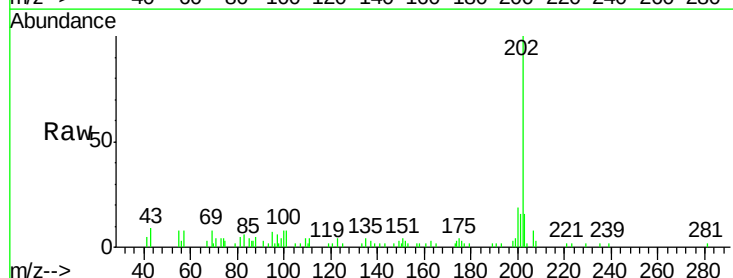
Instrument :
BNA_G
ClientSampled :
A4T46

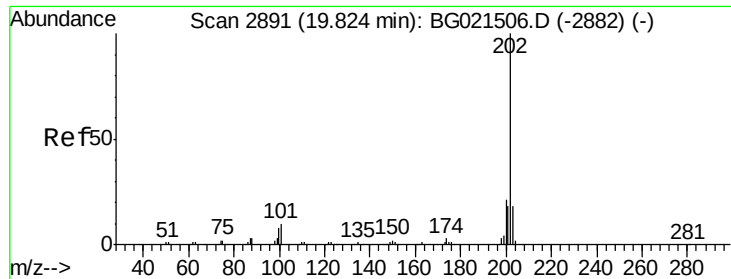
Tgt Ion:163 Resp: 15577
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.2 8.7 13.1



#77
Fluoranthene
Concen: 1.72 ng/ul
RT: 19.47 min Scan# 2830
Delta R.T. 0.01 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Tgt Ion:202 Resp: 13711
Ion Ratio Lower Upper
202 100
101 7.9 8.9 13.3#
100 7.7 7.0 10.4

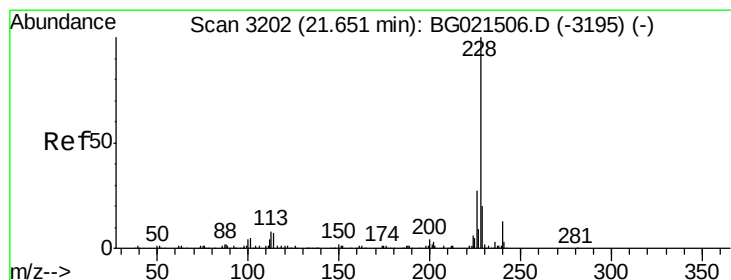
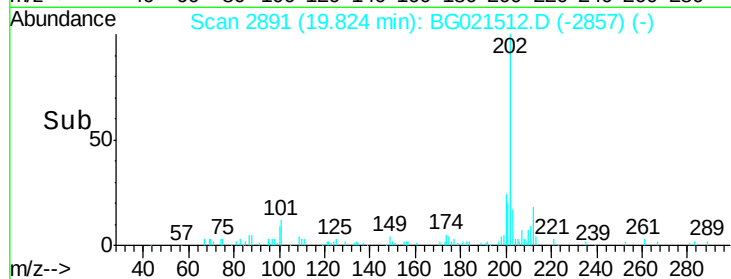
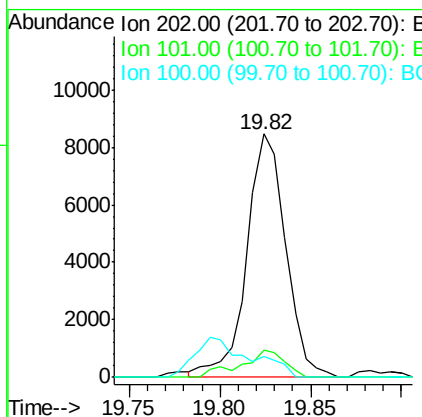
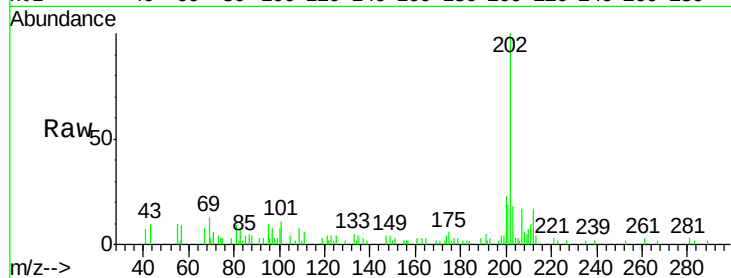




#80
 Pyrene
 Concen: 1.61 ng/ul
 RT: 19.82 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG021512.D
 Acq: 25 Mar 2016 13:00

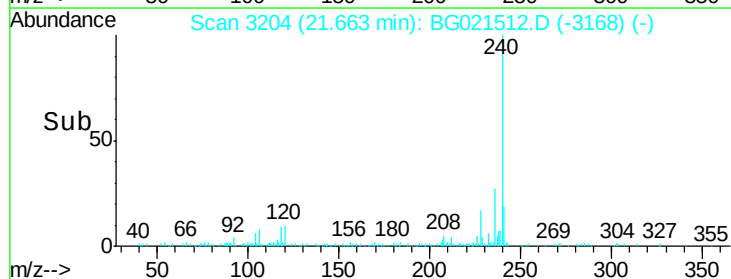
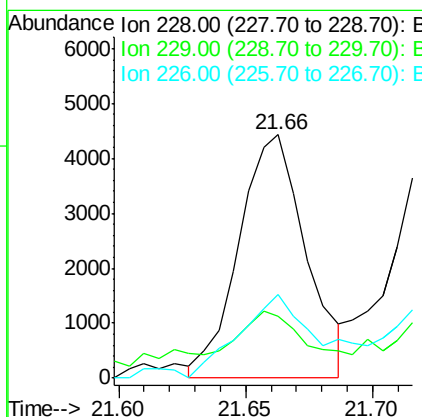
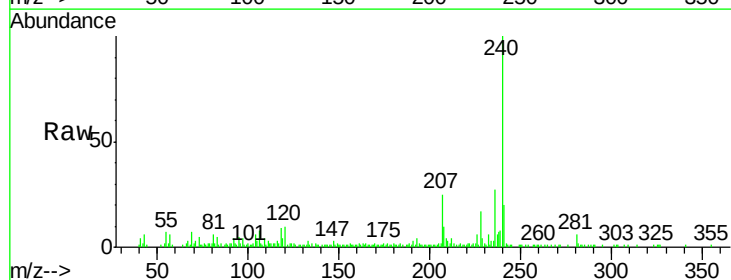
Instrument :
 BNA_G
 ClientSampled :
 A4T46

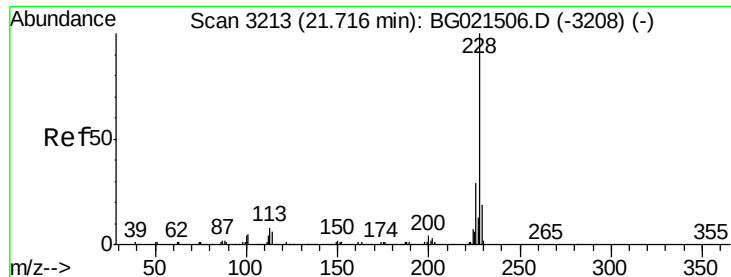
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.8	14.8
100	8.5	9.3	13.9#



#83
 Benzo(a)anthracene
 Concen: 1.02 ng/ul
 RT: 21.66 min Scan# 3204
 Delta R.T. 0.01 min
 Lab File: BG021512.D
 Acq: 25 Mar 2016 13:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.5	16.6	25.0#
226	34.3	21.0	31.4#

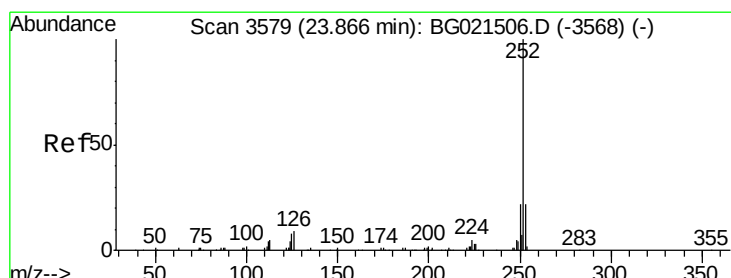
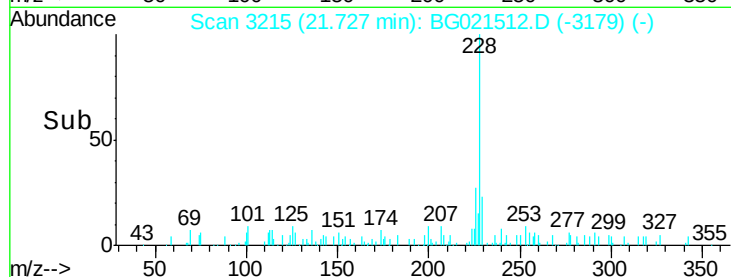
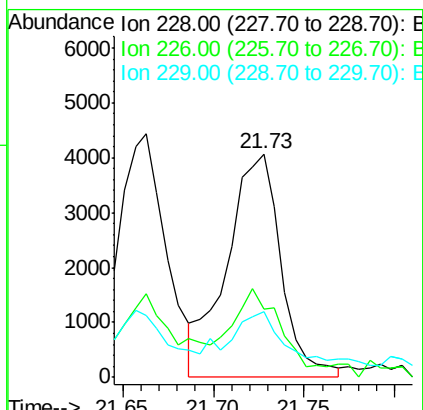
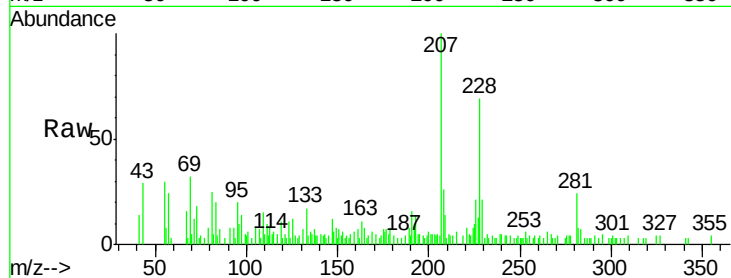




#85
Chrysene
Concen: 1.12 ng/ul
RT: 21.73 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Instrument :
BNA_G
ClientSampleId :
A4T46

Tgt Ion:228 Resp: 8483
Ion Ratio Lower Upper
228 100
226 30.4 23.4 35.2
229 29.6 16.2 24.2#



#88
Benzo(b)fluoranthene
Concen: 1.01 ng/ul
RT: 23.88 min Scan# 3582
Delta R.T. 0.02 min
Lab File: BG021512.D
Acq: 25 Mar 2016 13:00

Tgt Ion:252 Resp: 8319
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 21.0 7.6 11.4#

