

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080516\
 Data File : BG023486.D
 Acq On : 5 Aug 2016 13:48
 Operator : UM/SJ
 Sample : H4209-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 05 23:15:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 02:24:23 2004
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	144781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	665895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	485920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1188725	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1185981	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1183426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5448	1.60	ng/uL	0.00
5) Phenol-d5	7.27	99	243644	16.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	180758	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	168532	16.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	189777	16.67	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	98004	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	112833	18.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	1090	0.10	ng/ul	0.17
29) 4-Chloroaniline-d4	11.09	131	251558	18.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	800863	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	891797	19.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	97802	14.40	ng/ul	0.00
57) Fluorene-d10	15.78	176	725714	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	130381	17.10	ng/ul	0.00
70) Anthracene-d10	17.64	188	1098335	20.51	ng/ul	0.00
76) Pyrene-d10	19.93	212	1267097	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1170970	21.86	ng/ul	0.00

Target Compounds

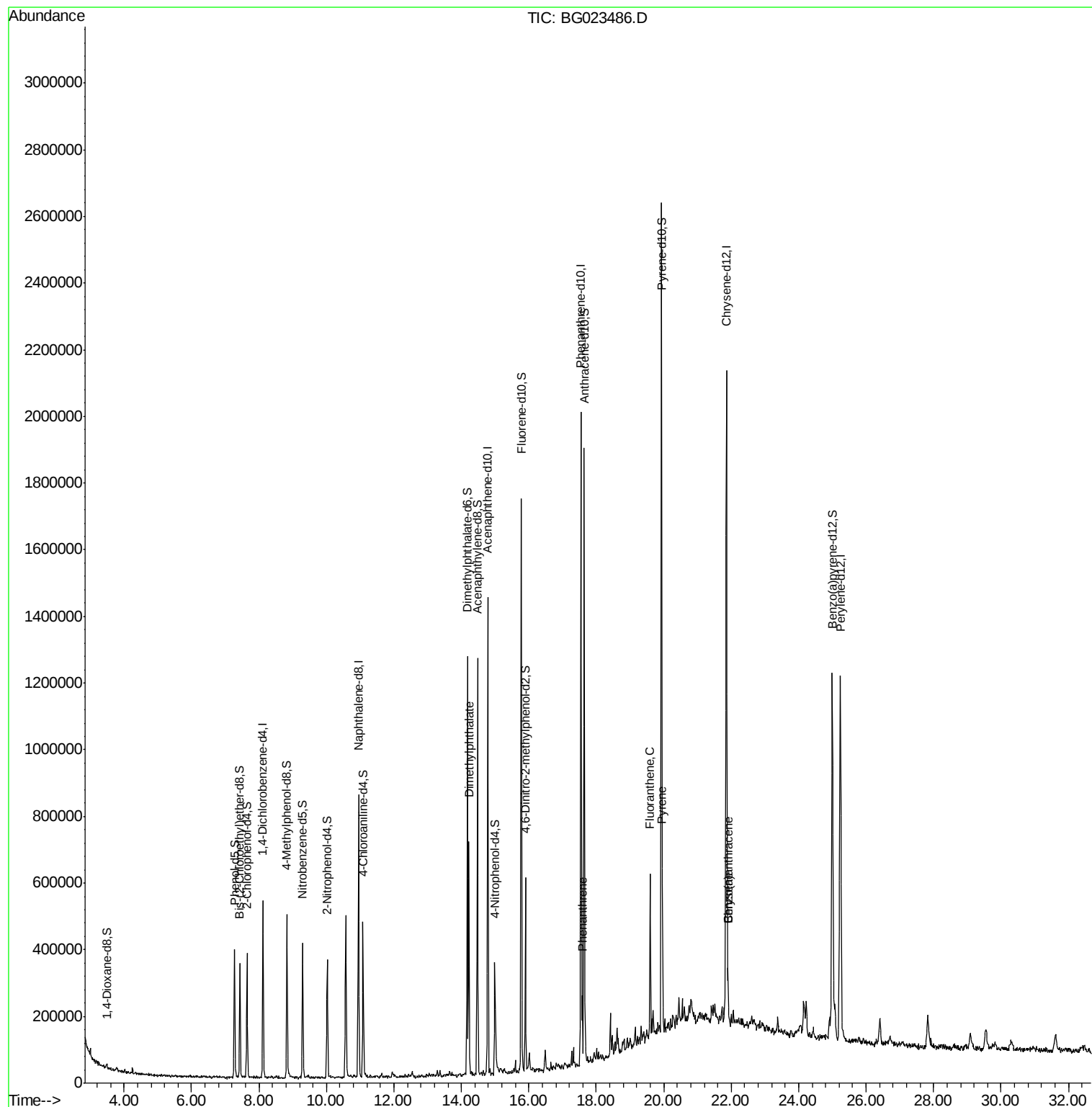
						Ovalue
44) Dimethylphthalate	14.22	163	422846	10.73	ng/ul	96
69) Phenanthrene	17.59	178	124408	2.02	ng/ul	93
74) Fluoranthene	19.60	202	293122	4.65	ng/ul#	94
77) Pyrene	19.96	202	267484	3.65	ng/ul#	91
80) Benzo(a)anthracene	21.91	228	117805	1.76	ng/ul	92
82) Chrysene	21.91	228	118549	1.95	ng/ul#	93

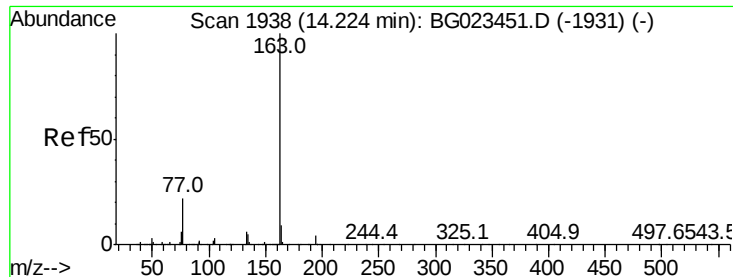
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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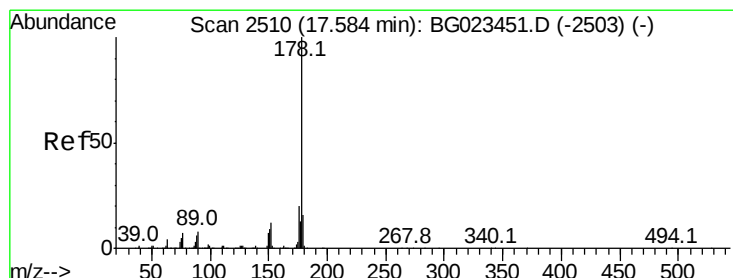
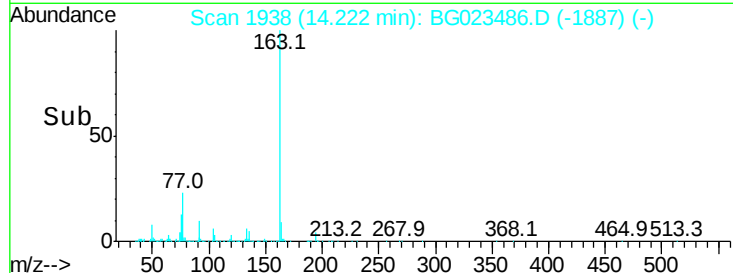
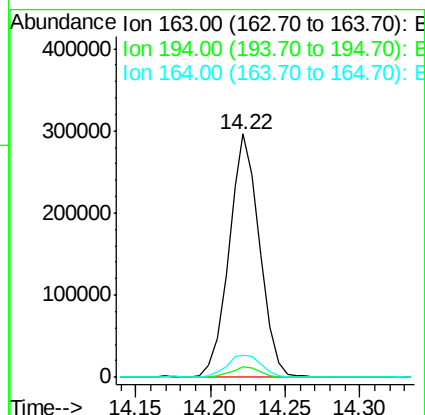
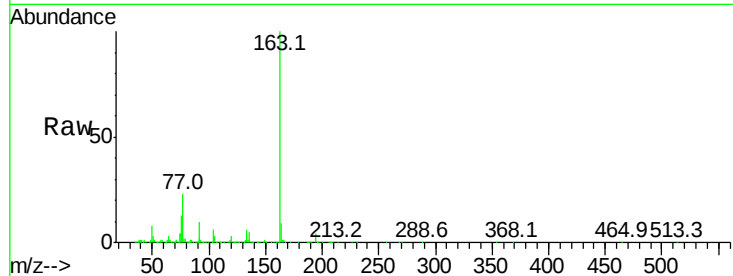




#44
Dimethylphthalate
Concen: 10.73 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

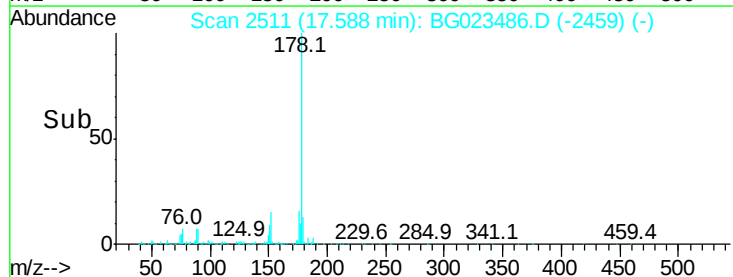
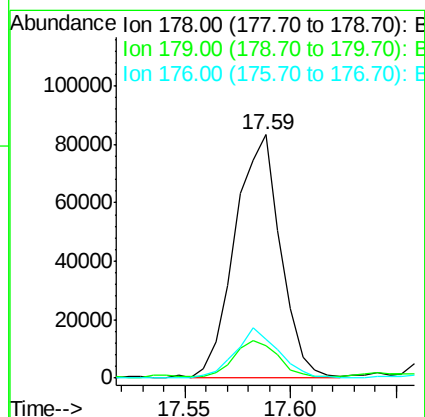
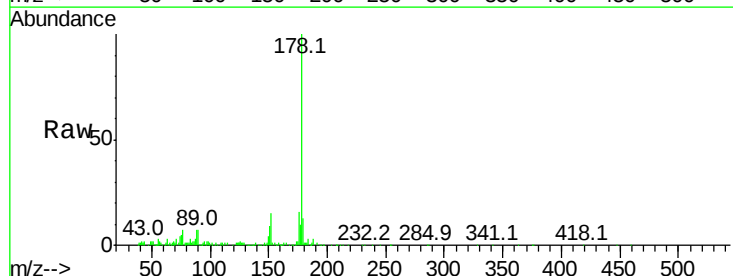
Instrument :
BNA_G
ClientSampleId :

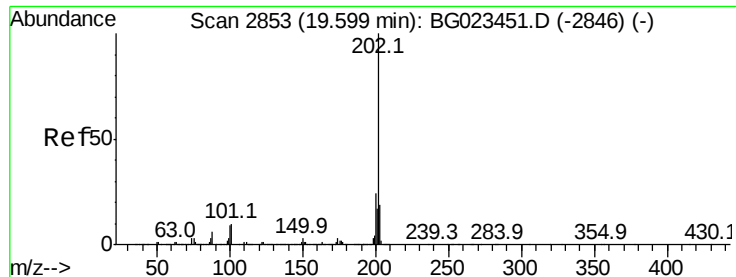
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.0	8.8	13.2



#69
Phenanthrene
Concen: 2.02 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BG023486.D
Acq: 5 Aug 2016 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.9	19.3
176	16.1	15.8	23.8





#74

Fluoranthene

Concen: 4.65 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023486.D

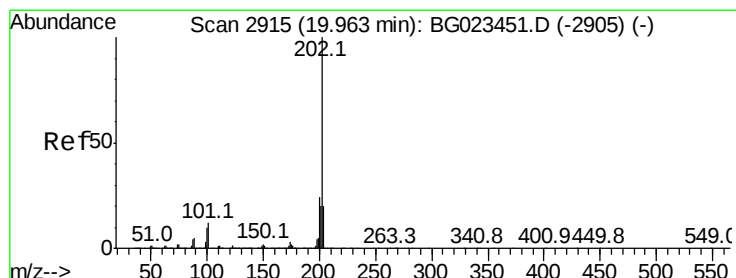
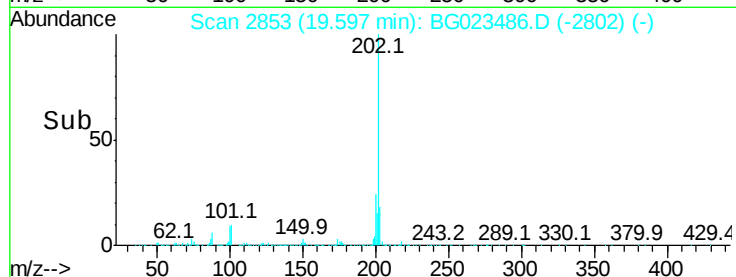
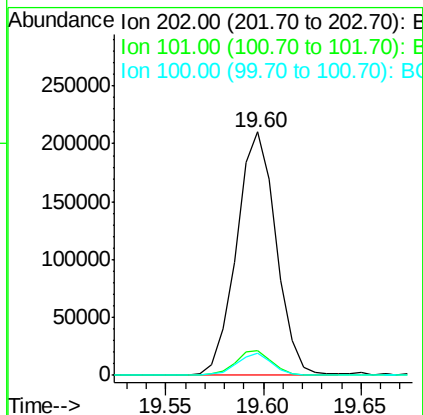
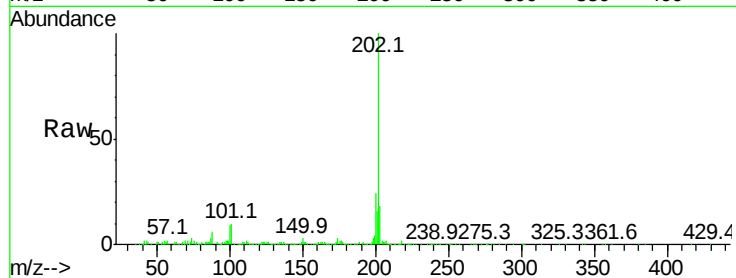
Acq: 5 Aug 2016 13:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	293122
Ion Ratio	Lower	Upper	
202	100		
101	10.2	10.6	16.0#
100	9.1	8.7	13.1



#77

Pyrene

Concen: 3.65 ng/ul

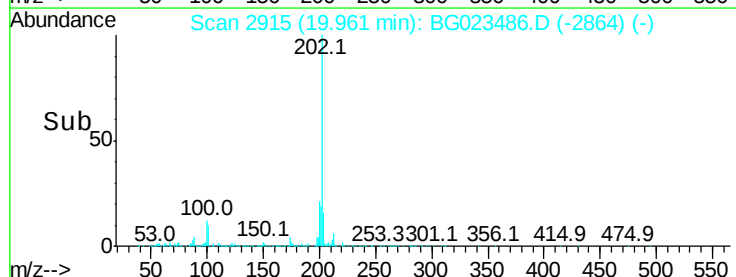
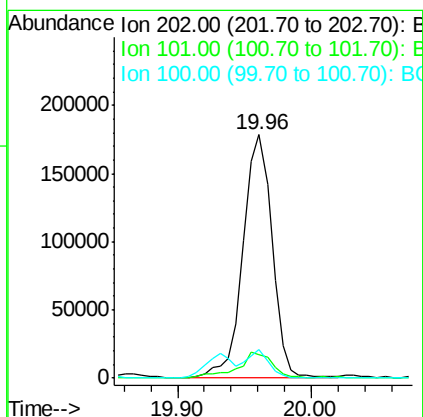
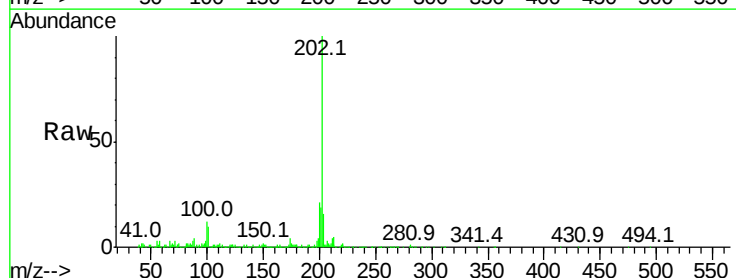
RT: 19.96 min Scan# 2915

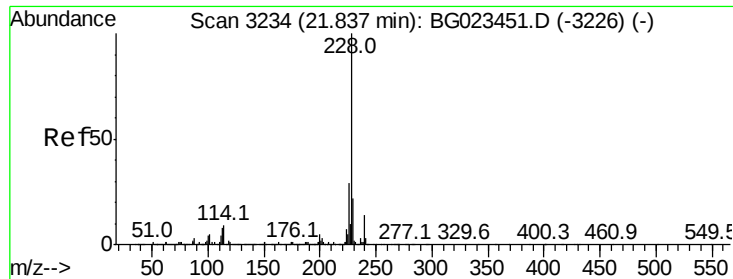
Delta R.T. -0.00 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Tgt Ion:	202	Resp:	267484
Ion Ratio	Lower	Upper	
202	100		
101	9.9	12.5	18.7#
100	11.7	10.2	15.4





#80

Benzo(a)anthracene

Concen: 1.76 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.07 min

Lab File: BG023486.D

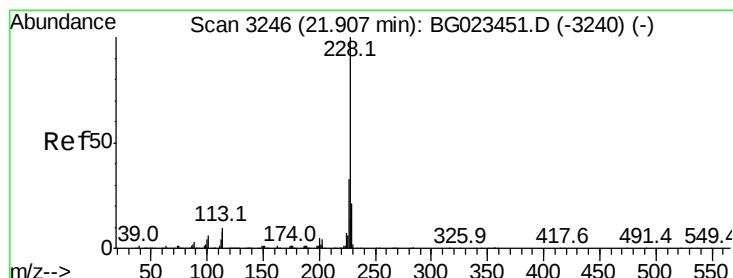
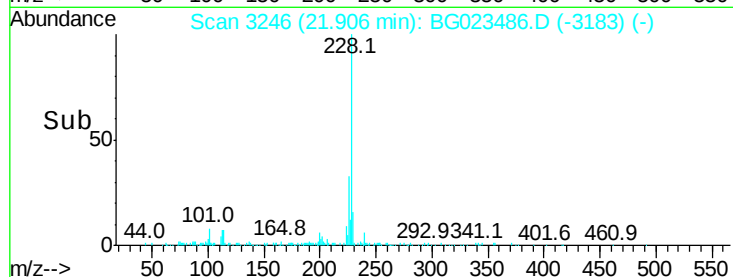
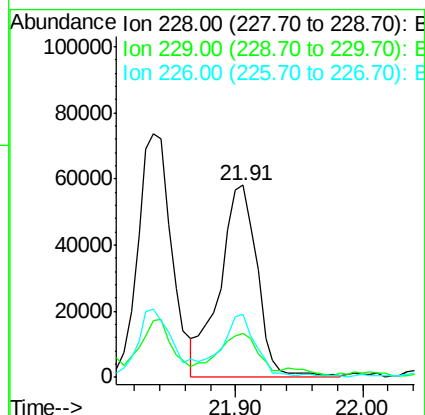
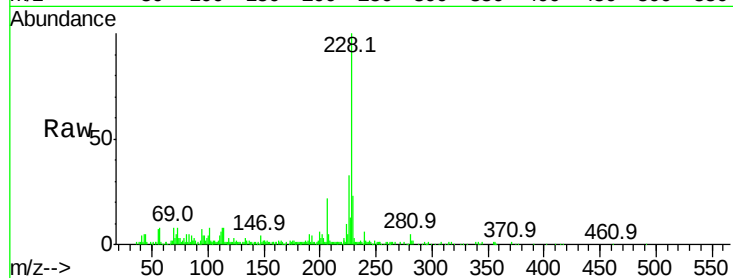
Acq: 5 Aug 2016 13:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	117805
Ion Ratio	Lower	Upper
228	100	
229	22.9	15.4 23.2
226	33.1	22.8 34.2



#82

Chrysene

Concen: 1.95 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BG023486.D

Acq: 5 Aug 2016 13:48

Tgt Ion:228	Resp:	118549
Ion Ratio	Lower	Upper
228	100	
226	33.1	24.2 36.4
229	22.9	15.0 22.6#

