

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023606.D
 Acq On : 10 Aug 2016 23:49
 Operator : UM/SJ
 Sample : H4384-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS003-0206-01

Quant Time: Aug 11 04:00:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	160694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	750126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	528821	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1284988	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1286459	20.00	ng/ul	0.00
83) Perylene-d12	25.25	264	1268517	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	10912	2.89	ng/uL	0.00
5) Phenol-d5	7.26	99	243748	15.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	163600	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	175295	15.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	199649	15.80	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	350	0.06	ng/ul	0.09
22) 2-Nitrophenol-d4	10.02	143	111323	16.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	201277	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	259097	17.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	755521	17.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	863969	17.73	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	119529	16.17	ng/ul	0.00
57) Fluorene-d10	15.78	176	704413	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	841	0.10	ng/ul	0.06
70) Anthracene-d10	17.65	188	1083649	18.72	ng/ul	0.00
76) Pyrene-d10	19.94	212	1198865	18.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1074745	18.72	ng/ul	0.00

Target Compounds

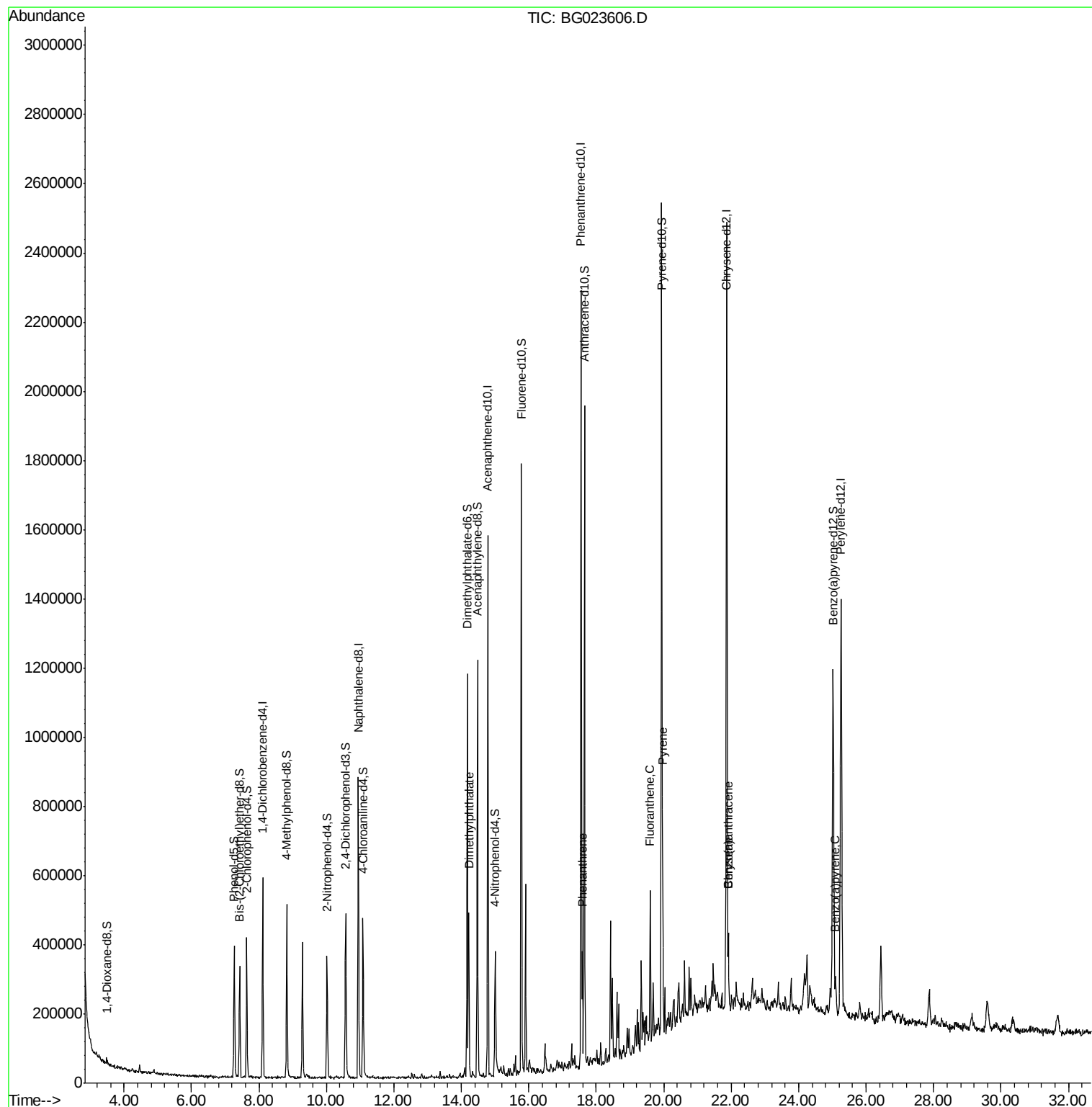
						Qvalue
44) Dimethylphthalate	14.22	163	300966	7.02	ng/ul	98
69) Phenanthrene	17.59	178	200373	3.01	ng/ul	98
74) Fluoranthene	19.60	202	247635	3.63	ng/ul#	90
77) Pyrene	19.97	202	356377	4.48	ng/ul#	92
80) Benzo(a)anthracene	21.91	228	154945	2.14	ng/ul	98
82) Chrysene	21.91	228	155918	2.37	ng/ul	97
88) Benzo(a)pyrene	25.09	252	98578	1.42	ng/ul#	90

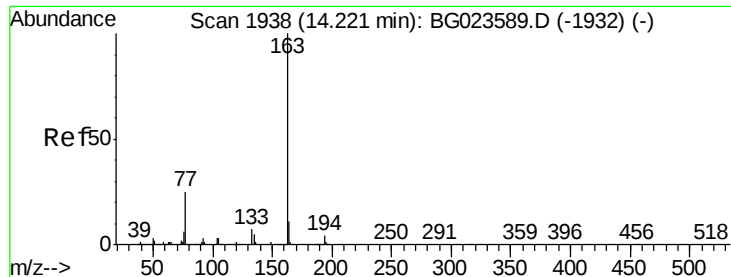
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 7.02 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

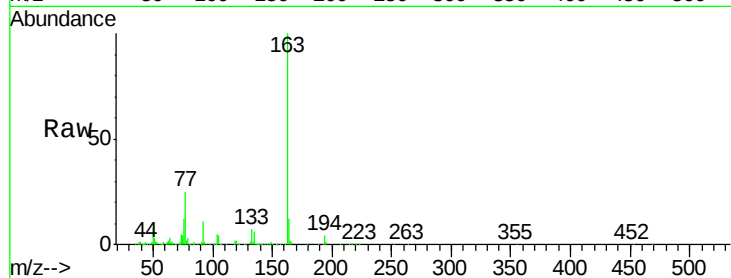
Instrument :

BNA_G

ClientSampleId :

P001-SS003-0206-01

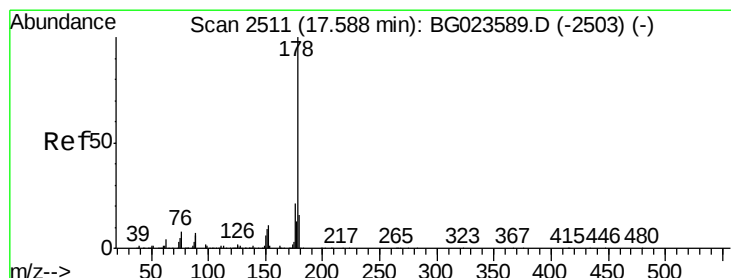
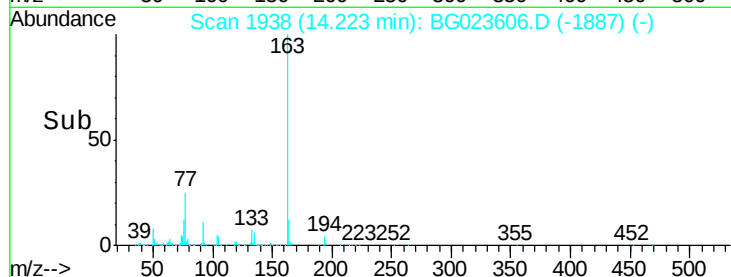
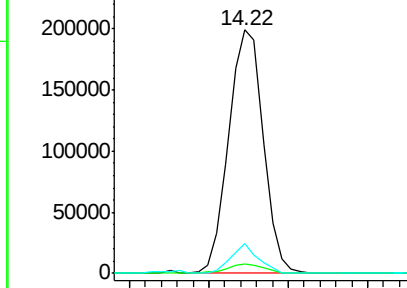
Tgt Ion:	163	Resp:	300966
Ion Ratio		Lower	Upper
163	100		
194	3.6	3.4	5.2
164	12.0	8.8	13.2



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



#69

Phenanthrene

Concen: 3.01 ng/ul

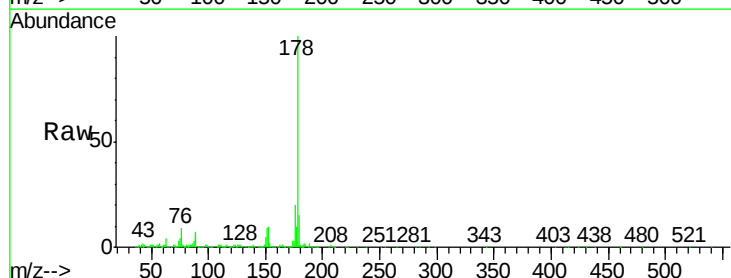
RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

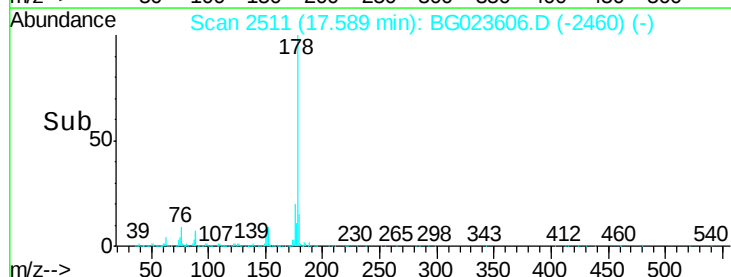
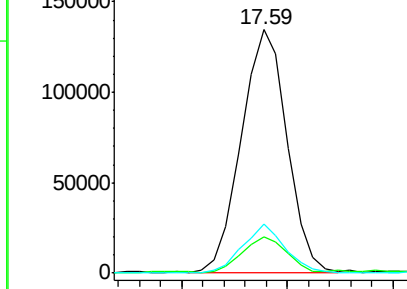
Tgt Ion:	178	Resp:	200373
Ion Ratio		Lower	Upper
178	100		
179	14.8	12.9	19.3
176	20.0	15.8	23.8

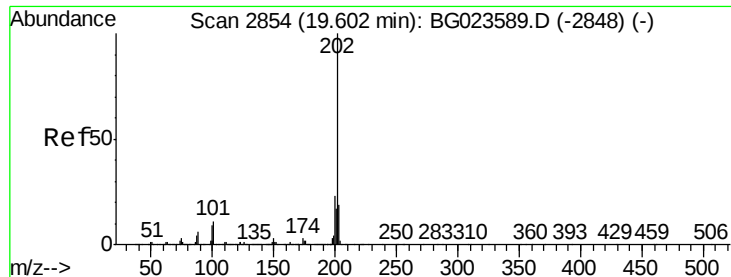


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.63 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

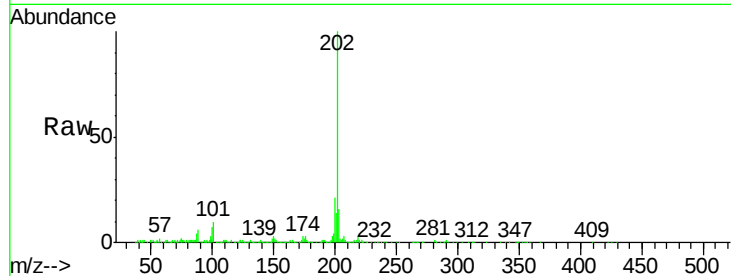
Instrument :

BNA_G

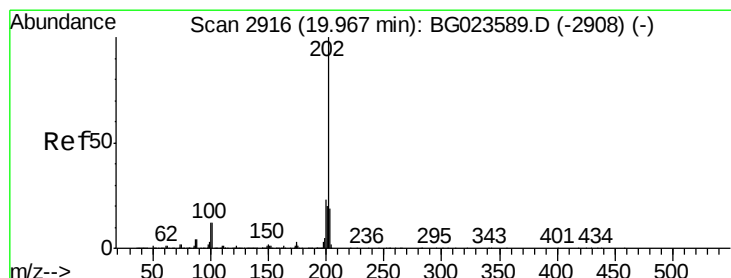
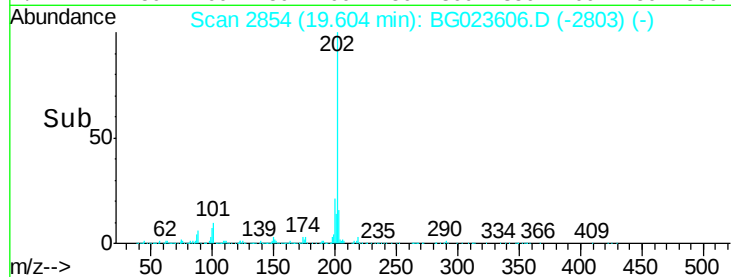
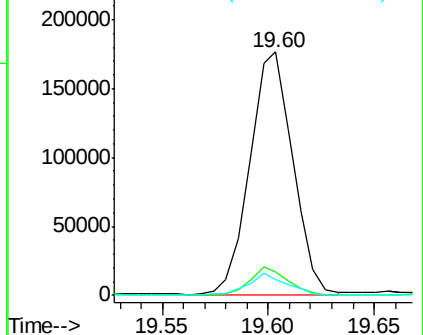
ClientSampleId :

P001-SS003-0206-01

Tgt Ion:	202	Resp:	247635
Ion Ratio	Lower	Upper	
202	100		
101	9.9	10.6	16.0#
100	6.7	8.7	13.1#



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): B



#77

Pyrene

Concen: 4.48 ng/ul

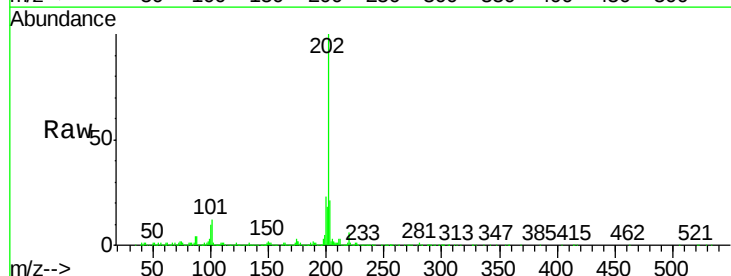
RT: 19.97 min Scan# 2916

Delta R.T. 0.00 min

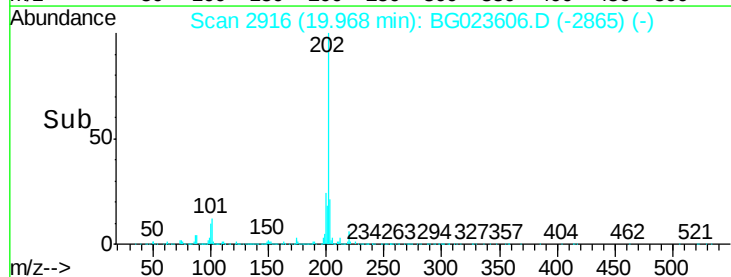
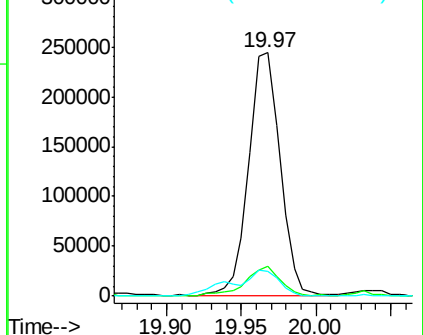
Lab File: BG023606.D

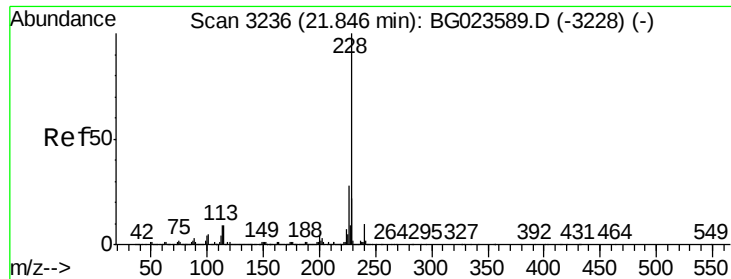
Acq: 10 Aug 2016 23:49

Tgt Ion:	202	Resp:	356377
Ion Ratio	Lower	Upper	
202	100		
101	12.1	12.5	18.7#
100	10.0	10.2	15.4#



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

Benzo(a)anthracene

Concen: 2.14 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. 0.07 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0206-01

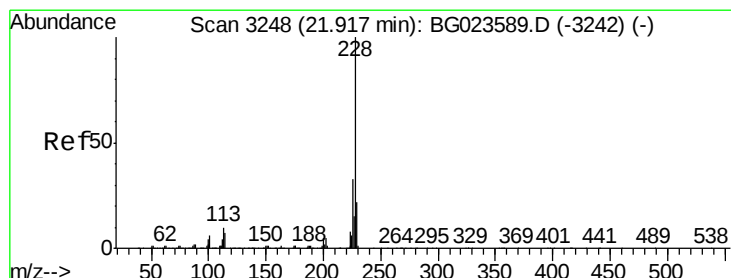
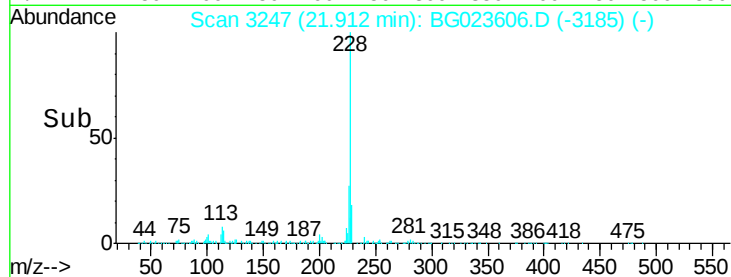
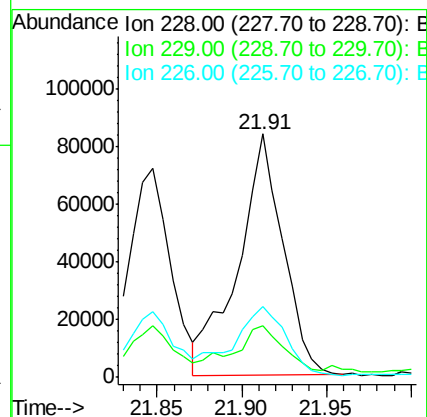
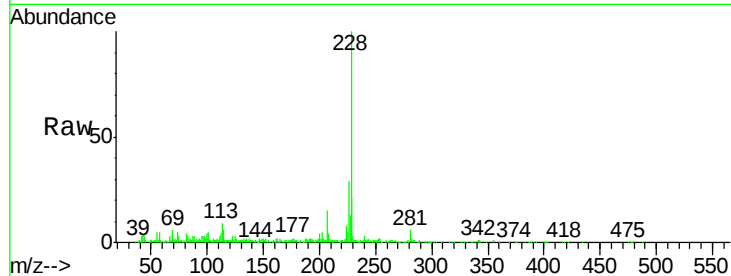
Tgt Ion:228 Resp: 154945

Ion Ratio Lower Upper

228 100

229 21.0 15.4 23.2

226 29.1 22.8 34.2



#82

Chrysene

Concen: 2.37 ng/ul

RT: 21.91 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG023606.D

Acq: 10 Aug 2016 23:49

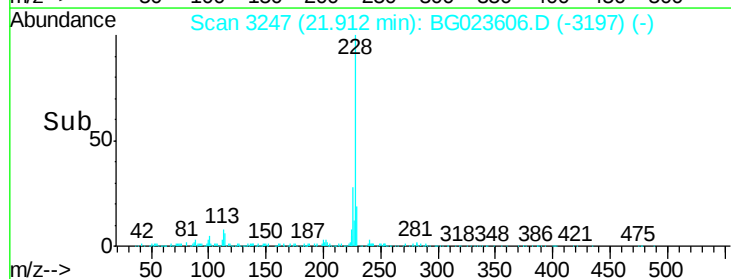
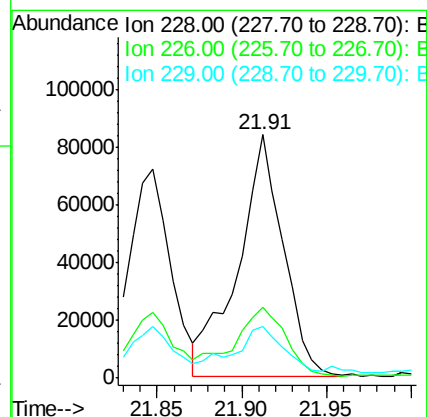
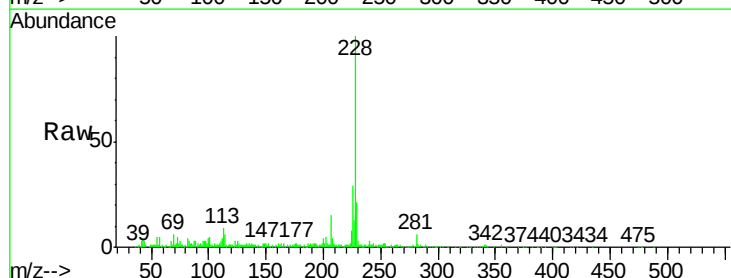
Tgt Ion:228 Resp: 155918

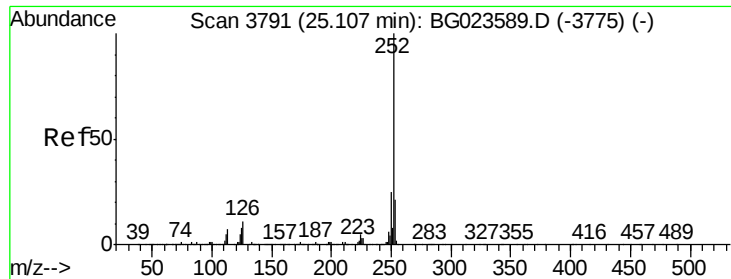
Ion Ratio Lower Upper

228 100

226 29.1 24.2 36.4

229 21.0 15.0 22.6





#88

Benzo(a)pyrene

Concen: 1.42 ng/ul

RT: 25.09 min Scan# 3788

Delta R.T. -0.02 min

Lab File: BG023606.D

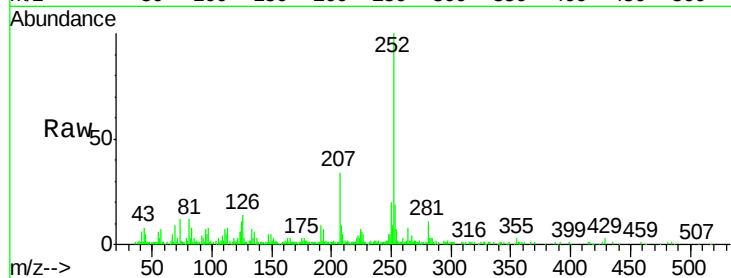
Acq: 10 Aug 2016 23:49

Instrument :

BNA_G

ClientSampleId :

P001-SS003-0206-01



Tgt Ion:	252	Resp:	98578
Ion	Ratio	Lower	Upper
252	100		
253	19.0	19.0	28.4
125	10.9	12.0	18.0#

