

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018364.D
 Acq On : 10 Aug 2015 21:34
 Operator : UM/MA
 Sample : G3136-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01X9

Quant Time: Aug 11 01:43:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	167737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	755535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	467897	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.41	188	982947	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	837705	20.00	ng/ul	0.02
86) Perylene-d12	24.90	264	827628	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	5406	1.42	ng/uL	0.00
5) Phenol-d5	7.20	99	123736	8.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	84941	9.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	100162	8.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	67962	5.31	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	51422	8.73	ng/ul	0.02
22) 2-Nitrophenol-d4	9.92	143	53708	8.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	97457	7.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	78817	5.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	323462	8.22	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	346177	6.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	25709	3.63	ng/ul	0.00
58) Fluorene-d10	15.66	176	240256	7.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	19437	4.02	ng/ul	0.00
71) Anthracene-d10	17.51	188	310041	6.60	ng/ul	0.00
79) Pyrene-d10	19.79	212	279654	6.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	253622	5.77	ng/ul	0.02

Target Compounds

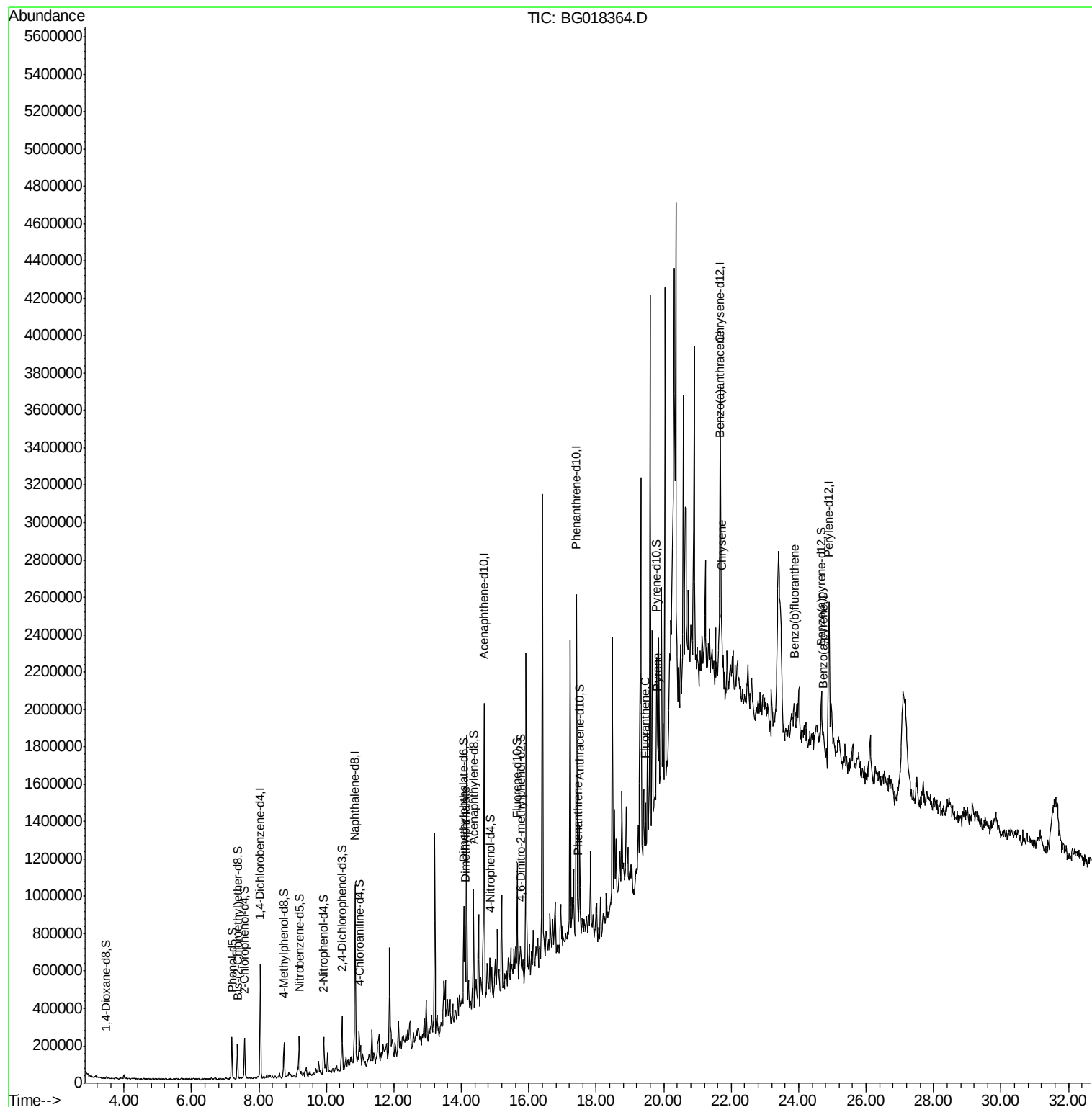
						Qvalue
45) Dimethylphthalate	14.11	163	155973	4.02	ng/ul#	94
70) Phenanthrene	17.46	178	78283	1.47	ng/ul#	92
77) Fluoranthene	19.46	202	120194	2.11	ng/ul	99
80) Pyrene	19.82	202	123365	2.18	ng/ul	99
83) Benzo(a)anthracene	21.66	228	61502	1.18	ng/ul#	85
85) Chrysene	21.72	228	61883	1.27	ng/ul#	93
88) Benzo(b)fluoranthene	23.88	252	91081	1.75	ng/ul#	38
91) Benzo(a)pyrene	24.74	252	69322	1.40	ng/ul#	33

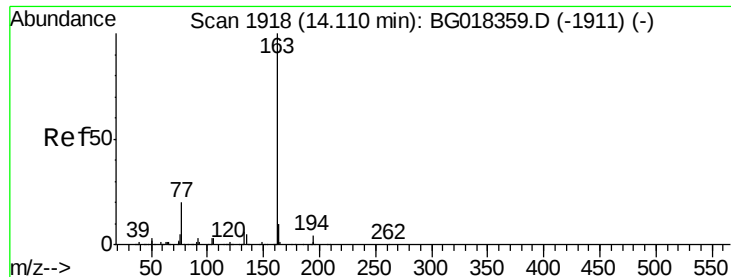
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.02 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

Instrument :

BNA_G

ClientSampleId :

C01X9

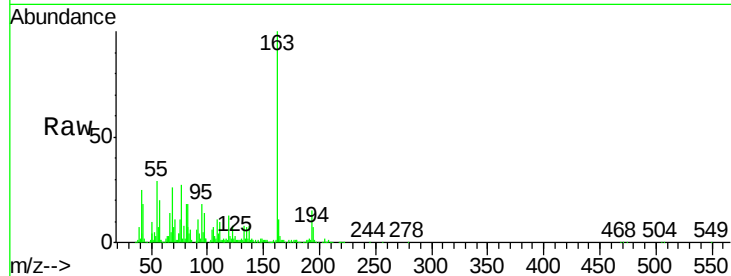
Tgt Ion:163 Resp: 155973

Ion Ratio Lower Upper

163 100

194 7.1 2.9 4.3#

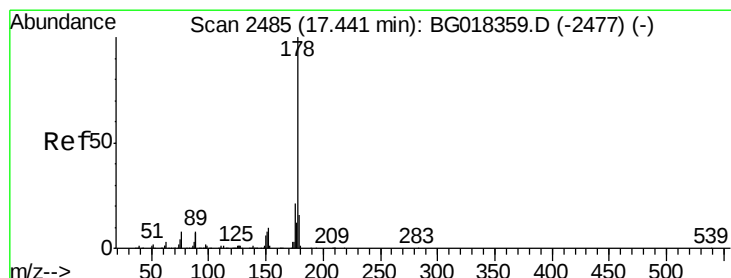
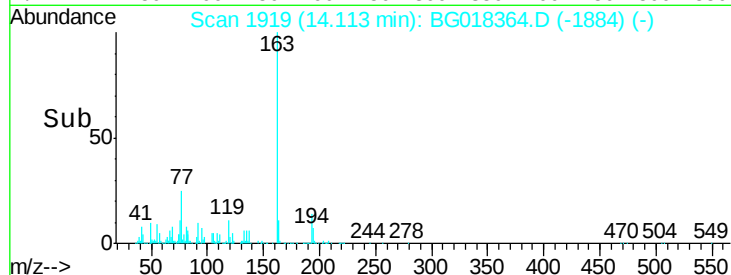
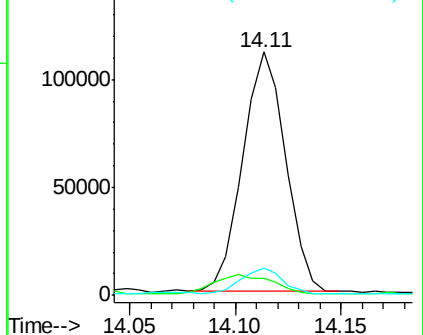
164 11.2 7.7 11.5



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: 1.47 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.02 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

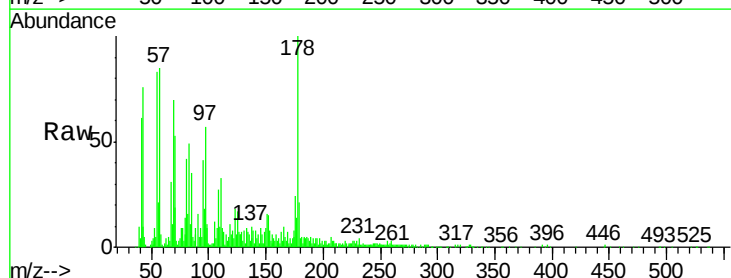
Tgt Ion:178 Resp: 78283

Ion Ratio Lower Upper

178 100

179 20.9 13.7 20.5#

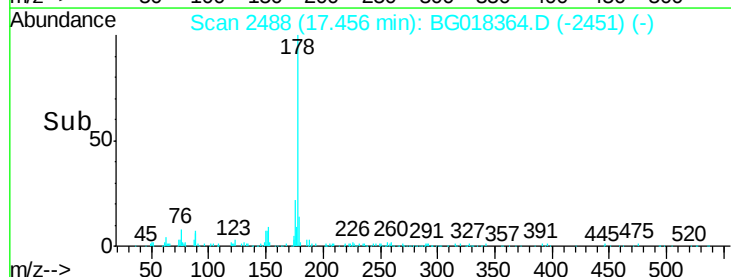
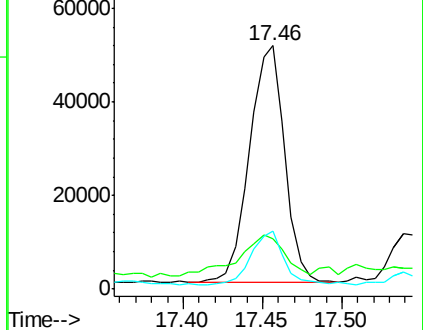
176 23.8 16.6 24.8

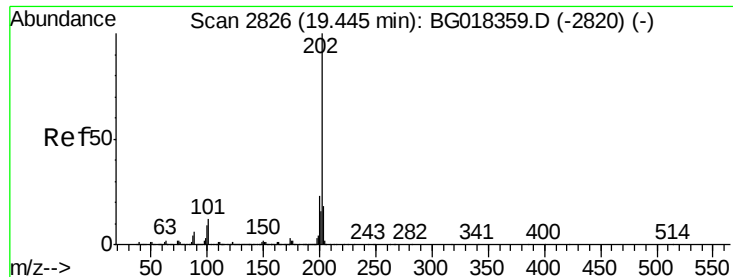


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

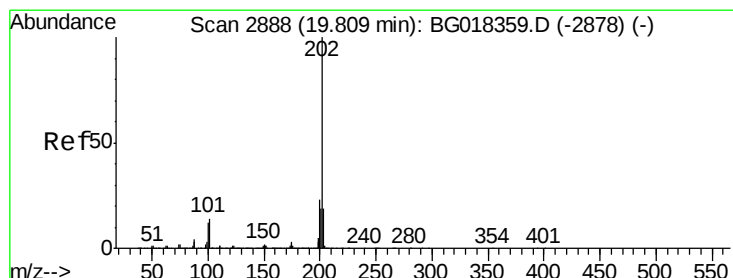
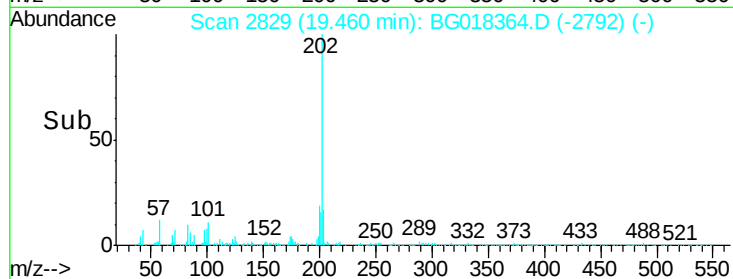
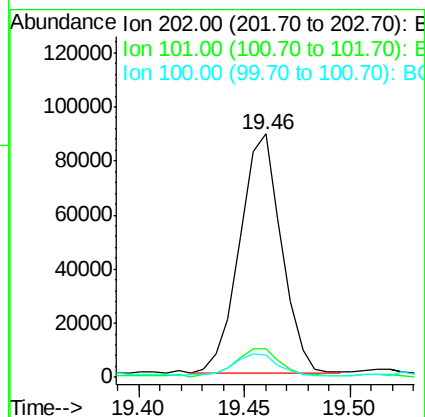
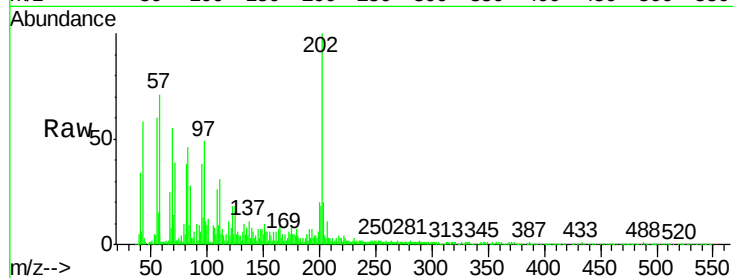




#77
Fluoranthene
 Concen: 2.11 ng/ul
 RT: 19.46 min Scan# 2829
 Delta R.T. 0.02 min
 Lab File: BG018364.D
 Acq: 10 Aug 2015 21:34

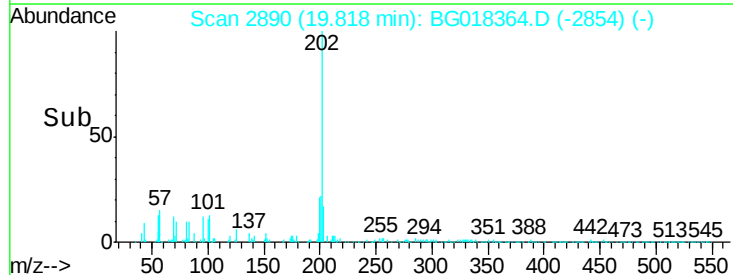
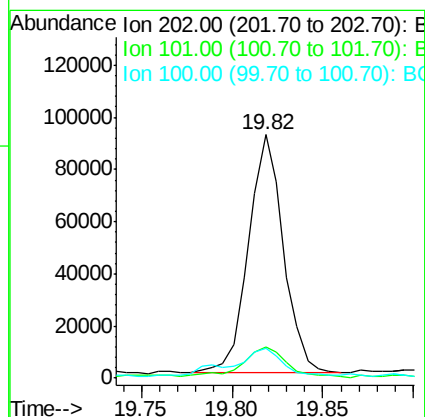
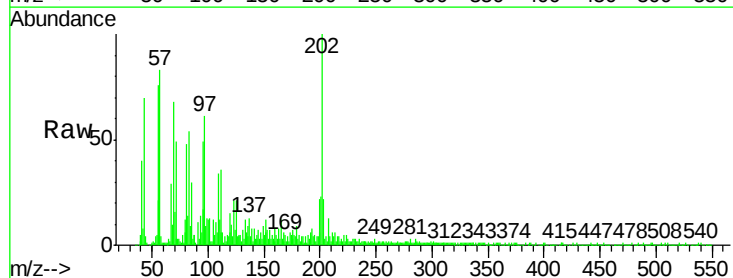
Instrument :
 BNA_G
 ClientSampleId :
 C01X9

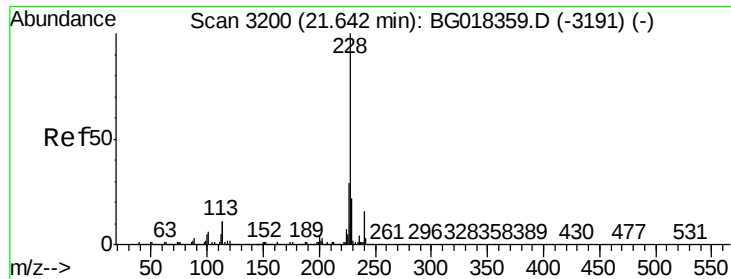
Tgt Ion:	202	Resp:	120194
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
100	9.1	7.8	11.8



#80
Pyrene
 Concen: 2.18 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BG018364.D
 Acq: 10 Aug 2015 21:34

Tgt Ion:	202	Resp:	123365
Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.0	16.4
100	12.0	9.8	14.6





#83

Benzo(a)anthracene

Concen: 1.18 ng/ul

RT: 21.66 min Scan# 3203

Delta R.T. 0.02 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

Instrument :

BNA_G

ClientSampleId :

C01X9

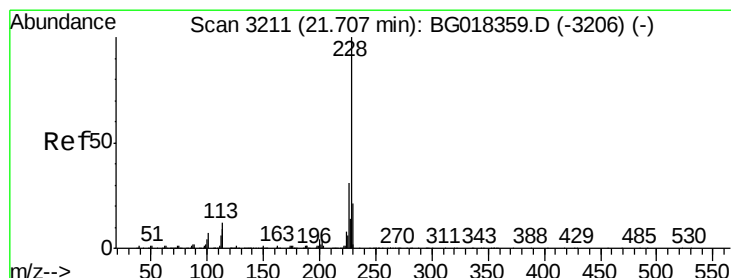
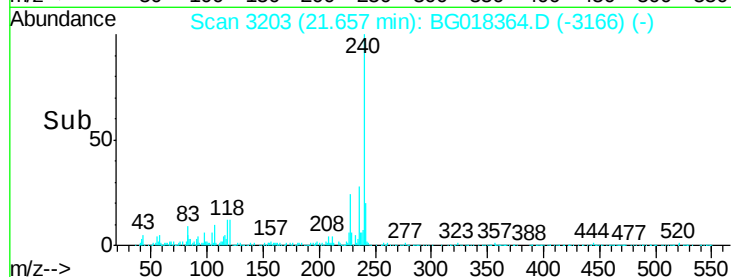
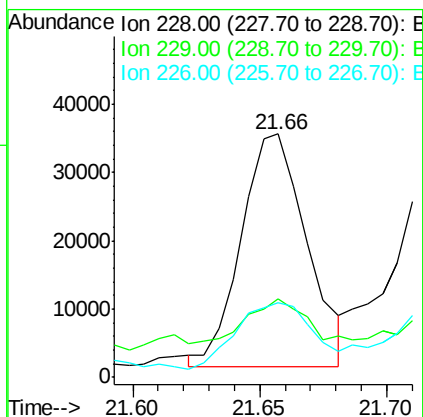
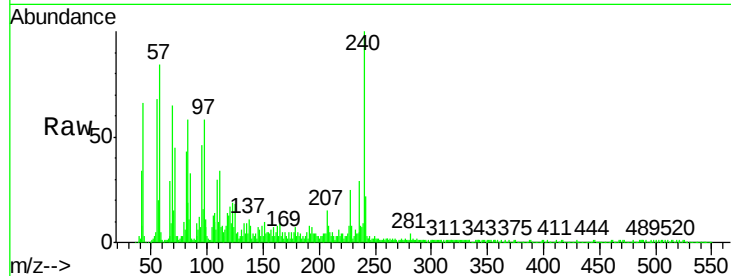
Tgt Ion:228 Resp: 61502

Ion Ratio Lower Upper

228 100

229 32.0 15.5 23.3#

226 30.9 22.1 33.1



#85

Chrysene

Concen: 1.27 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. 0.01 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

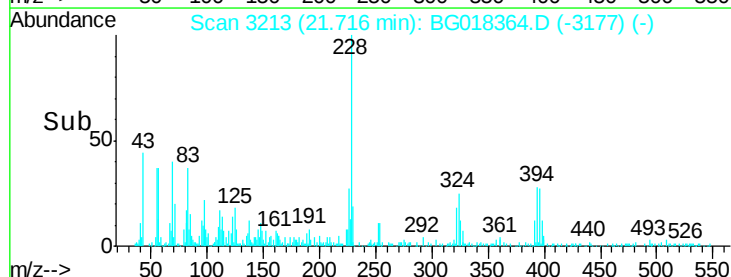
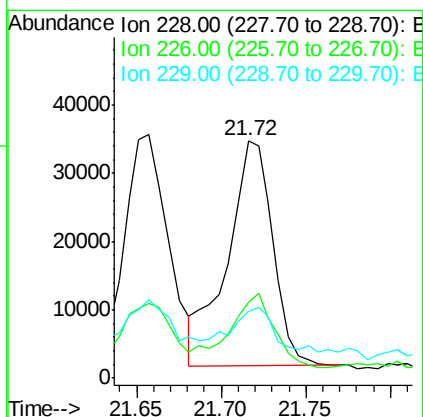
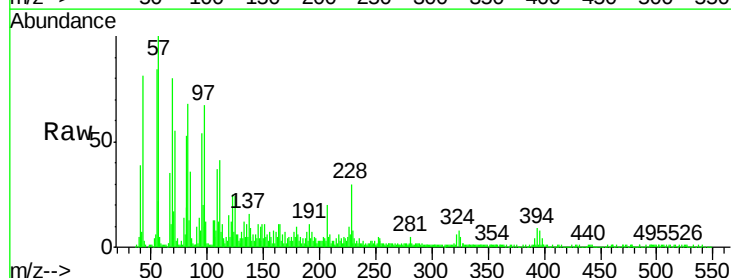
Tgt Ion:228 Resp: 61883

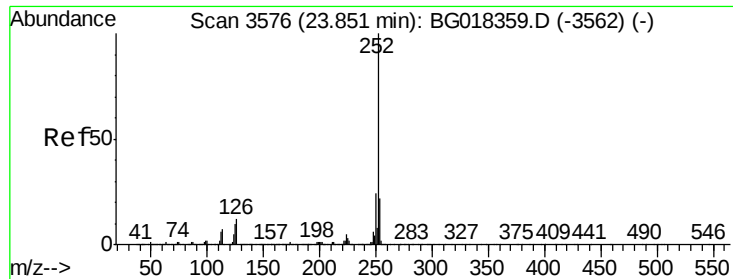
Ion Ratio Lower Upper

228 100

226 32.1 26.5 39.7

229 28.3 16.9 25.3#





#88

Benzo(b)fluoranthene

Concen: 1.75 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. 0.03 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

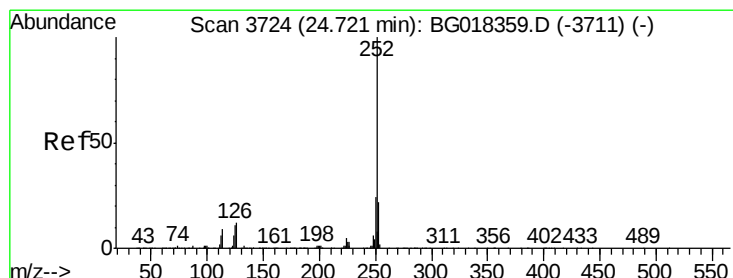
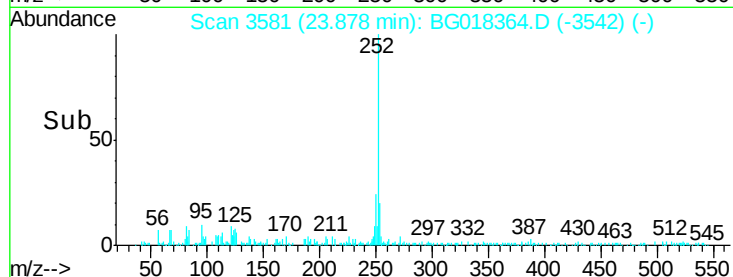
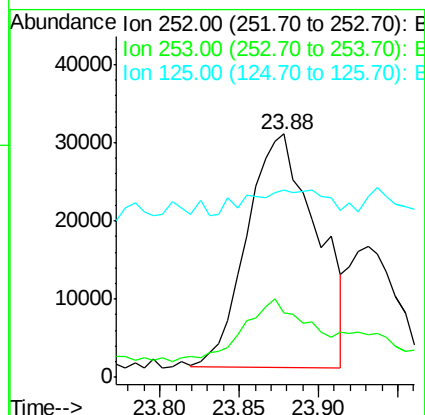
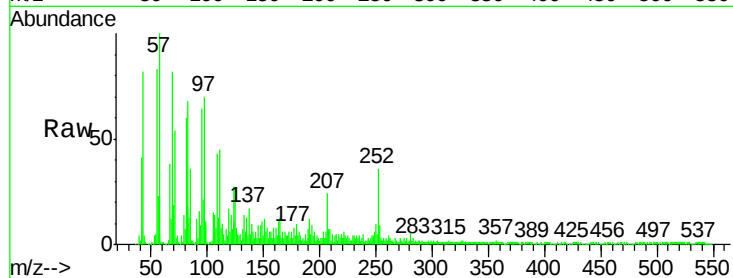
Instrument :

BNA_G

ClientSampled :

C01X9

Tgt Ion:	252	Resp:	91081
Ion Ratio	Lower	Upper	
252	100		
253	26.7	18.1	27.1
125	76.8	8.3	12.5#



#91

Benzo(a)pyrene

Concen: 1.40 ng/ul

RT: 24.74 min Scan# 3727

Delta R.T. 0.02 min

Lab File: BG018364.D

Acq: 10 Aug 2015 21:34

Tgt Ion:	252	Resp:	69322
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.7	26.5
125	79.9	10.2	15.2#

