

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
 Data File : BG019262.D
 Acq On : 20 Oct 2015 18:14
 Operator : UM/NP
 Sample : G4074-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JG9J8

Quant Time: Oct 21 02:06:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	13588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	64707	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	49619	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	128526	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	139596	20.00	ng/ul	0.00
86) Perylene-d12	24.82	264	141617	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	609	2.50	ng/uL	0.00
5) Phenol-d5	7.17	99	18796	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	13300	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	15214	17.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	15646	15.57	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	8093	16.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	9655	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	18197	17.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	17351	12.86	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	76437	17.61	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	87673	18.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	11327	14.52	ng/ul	0.00
58) Fluorene-d10	15.61	176	70757	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	12469	15.73	ng/ul	0.00
71) Anthracene-d10	17.47	188	113691	18.72	ng/ul	0.00
79) Pyrene-d10	19.75	212	128573	20.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	132303	18.49	ng/ul	0.00

Target Compounds

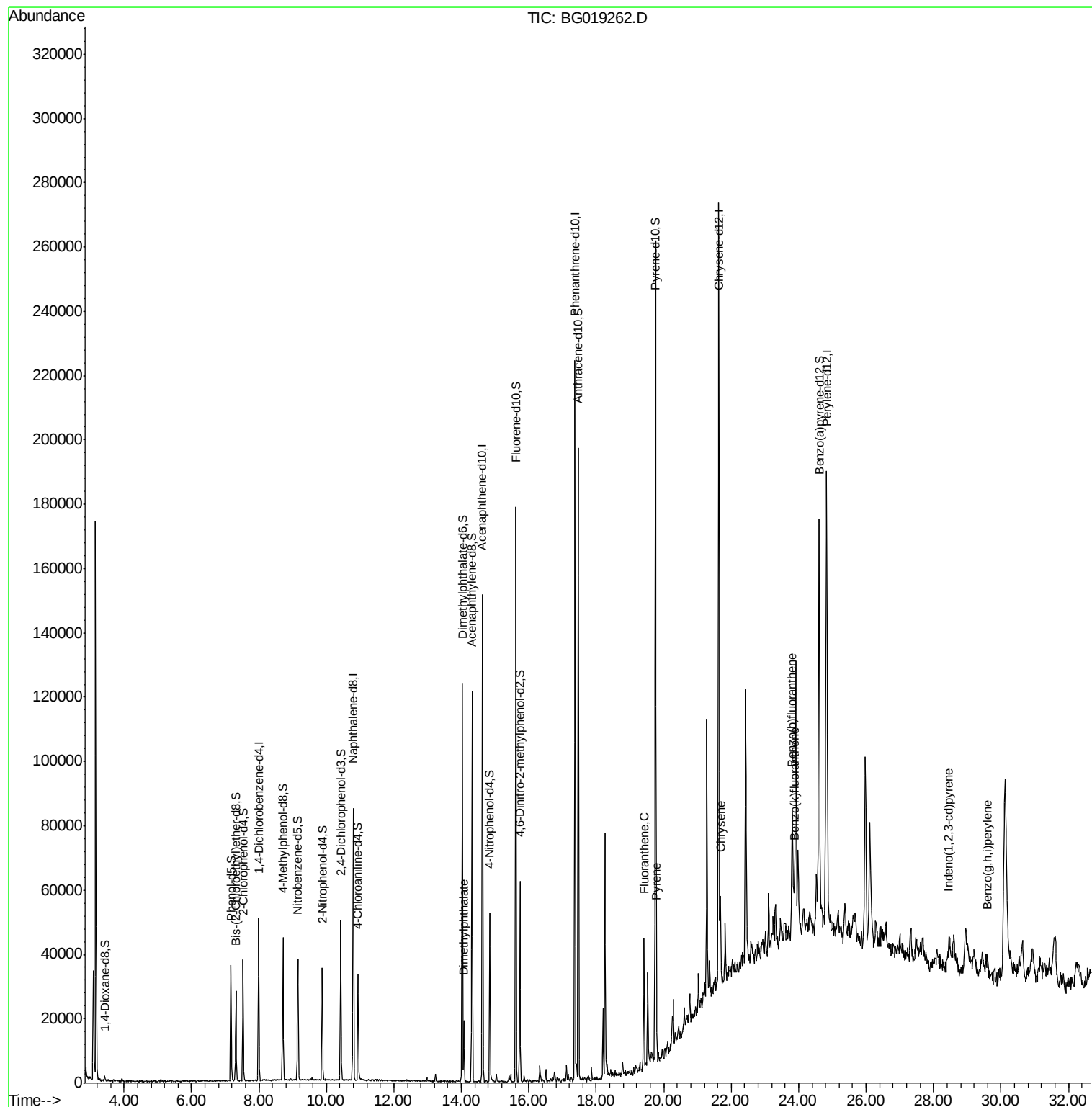
						Qvalue
45) Dimethylphthalate	14.07	163	11684	2.67	ng/ul#	97
77) Fluoranthene	19.42	202	23116	2.57	ng/ul#	89
80) Pyrene	19.78	202	20271	2.45	ng/ul#	87
85) Chrysene	21.67	228	21374	2.87	ng/ul	98
88) Benzo(b)fluoranthene	23.81	252	35506	4.42	ng/ul	94
89) Benzo(k)fluoranthene	23.87	252	12517m	1.59	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.46	276	11382m	1.24	ng/ul	
94) Benzo(g,h,i)perylene	29.59	276	11074m	1.47	ng/ul	

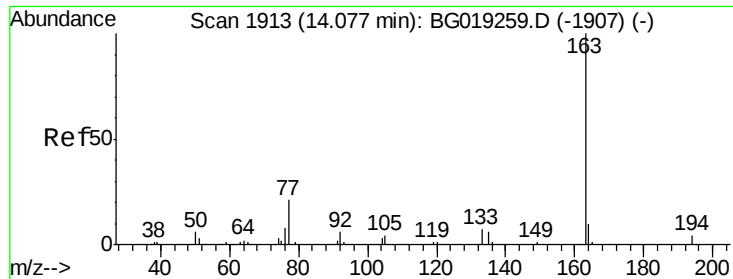
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102015\
Data File : BG019262.D
Acq On : 20 Oct 2015 18:14
Operator : UM/NP
Sample : G4074-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JG9J8

Quant Time: Oct 21 02:06:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

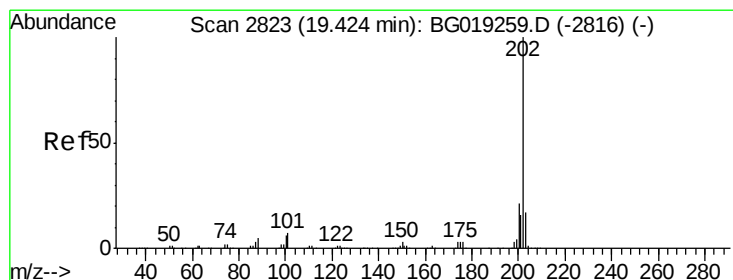
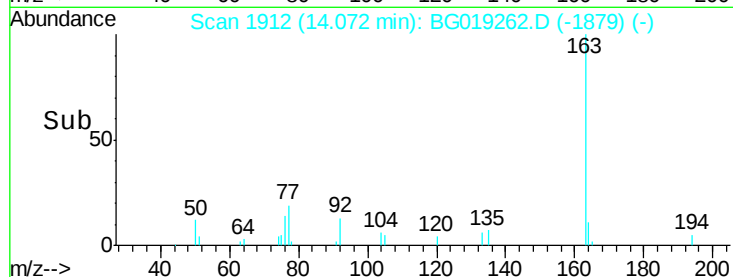
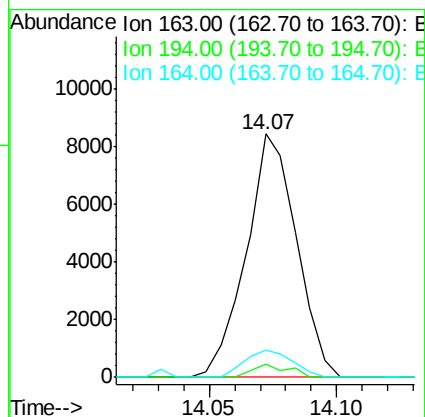
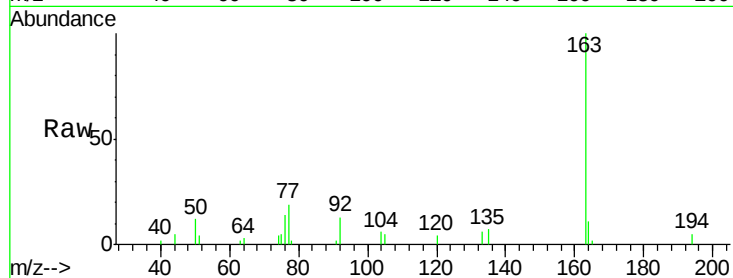




#45
Dimethylphthalate
Concen: 2.67 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

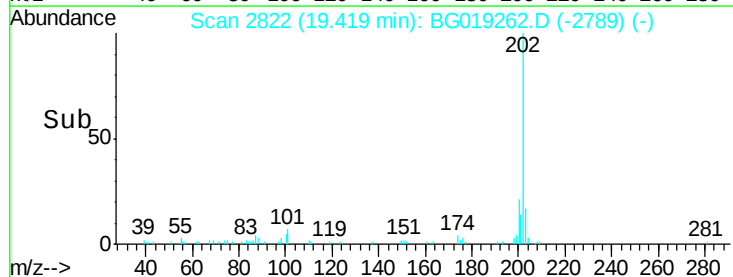
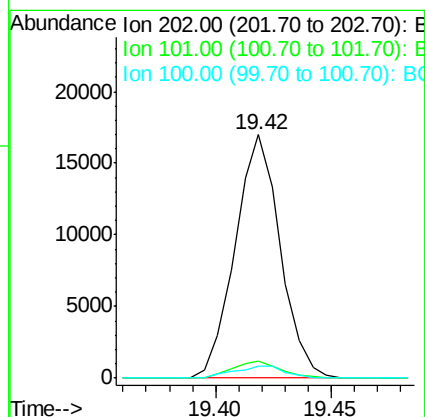
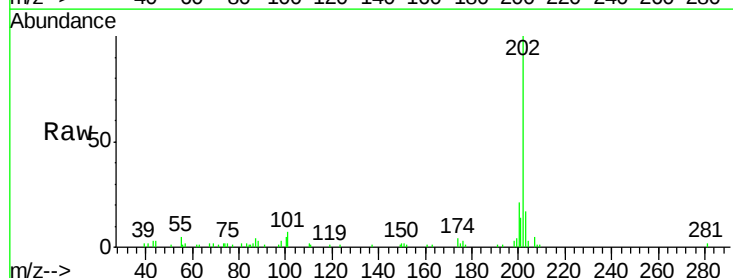
Instrument :
BNA_G
ClientSampleId :
JG9J8

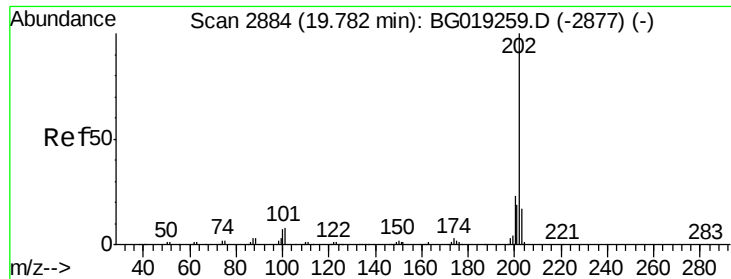
Tgt Ion:163 Resp: 11684
Ion Ratio Lower Upper
163 100
194 5.3 3.3 4.9#
164 11.4 8.1 12.1



#77
Fluoranthene
Concen: 2.57 ng/ul
RT: 19.42 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion:202 Resp: 23116
Ion Ratio Lower Upper
202 100
101 7.0 9.0 13.4#
100 4.9 6.9 10.3#

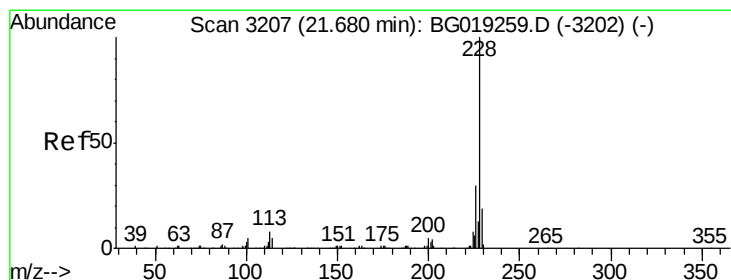
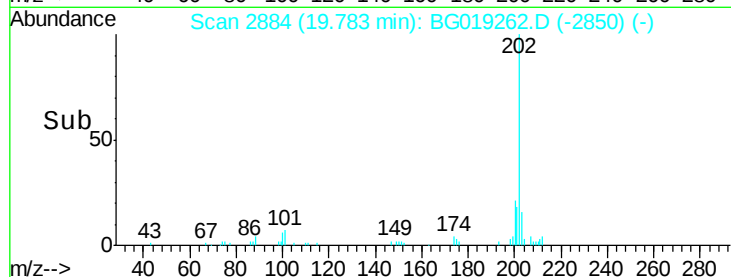
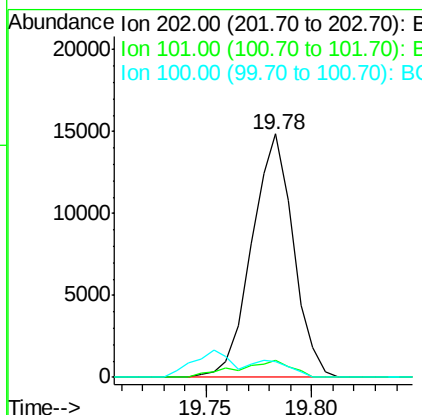
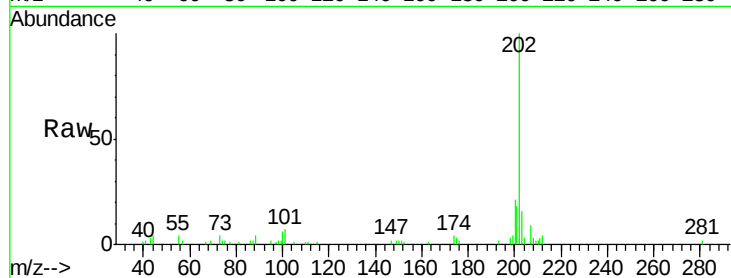




#80
 Pyrene
 Concen: 2.45 ng/ul
 RT: 19.78 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG019262.D
 Acq: 20 Oct 2015 18:14

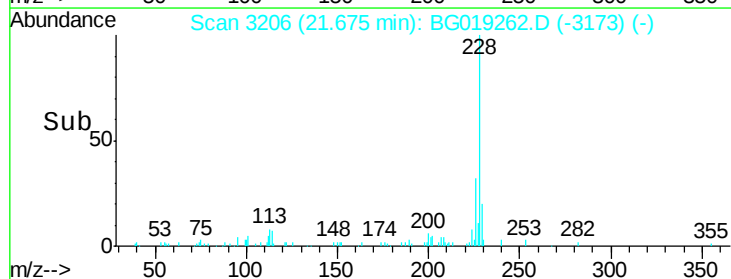
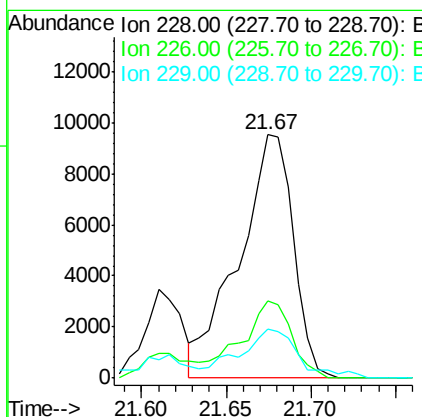
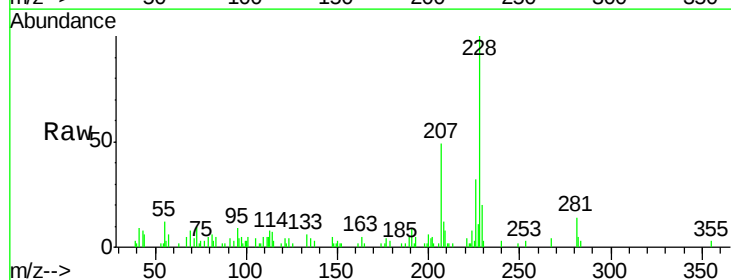
Instrument :
 BNA_G
 ClientSampleId :
 JG9J8

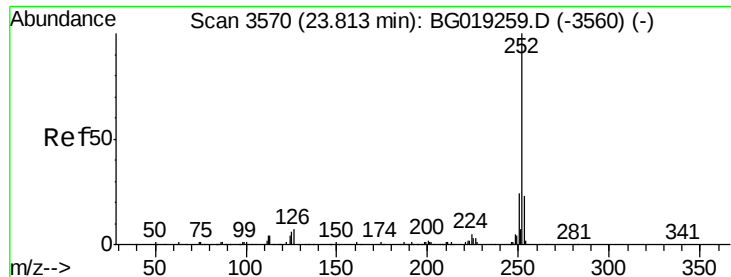
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	10.2	15.2#
100	6.4	8.5	12.7#



#85
 Chrysene
 Concen: 2.87 ng/ul
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019262.D
 Acq: 20 Oct 2015 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.2
229	20.1	15.6	23.4

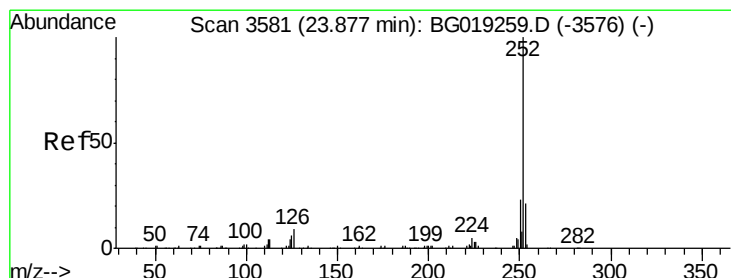
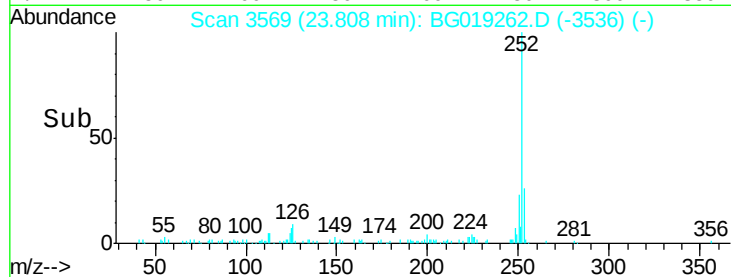
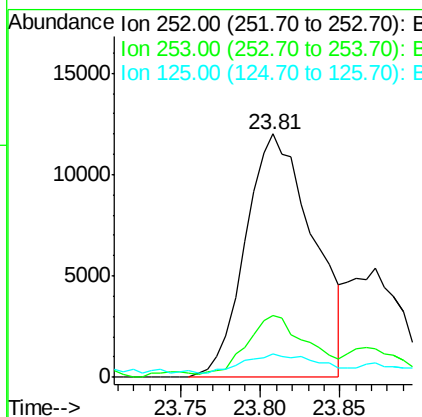
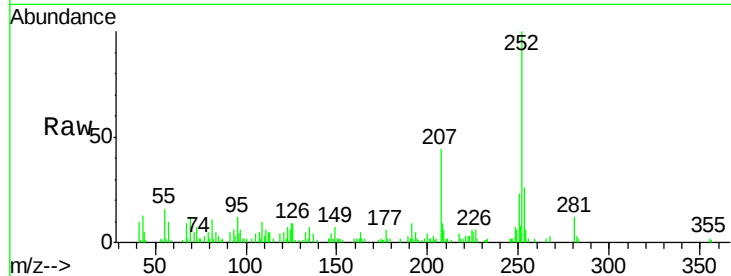




#88
Benzo(b)fluoranthene
Concen: 4.42 ng/ul
RT: 23.81 min Scan# 3569
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

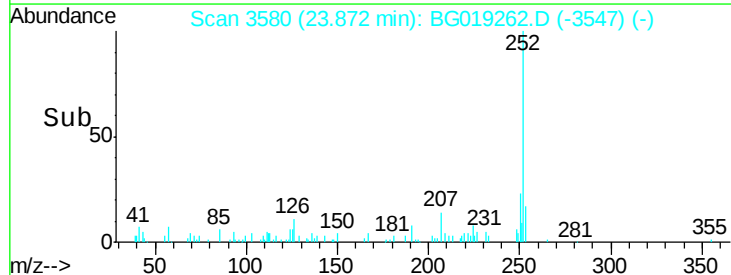
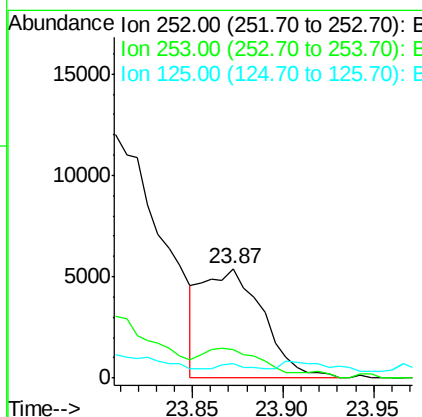
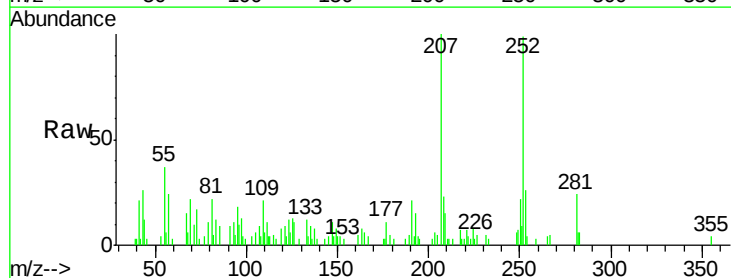
Instrument :
BNA_G
ClientSampleId :
JG9J8

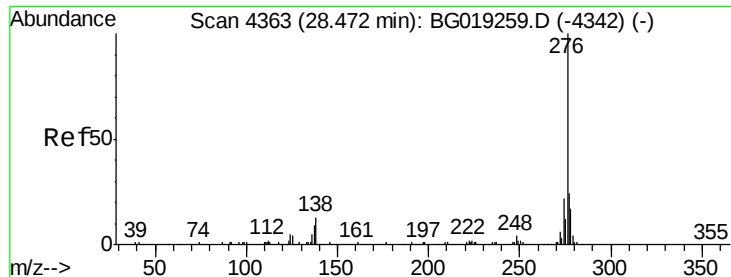
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	9.4	8.1	12.1



#89
Benzo(k)fluoranthene
Concen: 1.59 ng/ul m
RT: 23.87 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG019262.D
Acq: 20 Oct 2015 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	13.2	8.4	12.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.24 ng/ul m

RT: 28.46 min Scan# 4360

Delta R.T. -0.02 min

Lab File: BG019262.D

Acq: 20 Oct 2015 18:14

Instrument :

BNA_G

ClientSampleId :

JG9J8

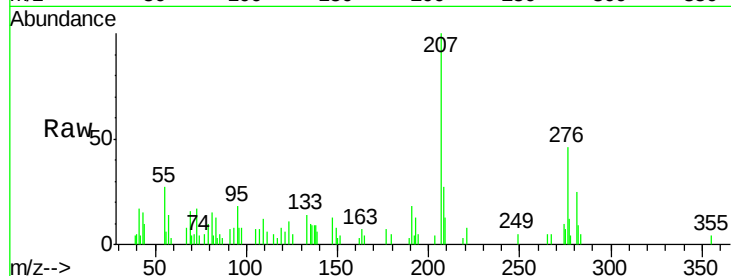
Tgt Ion:276 Resp: 11382

Ion Ratio Lower Upper

276 100

138 19.6 14.9 22.3

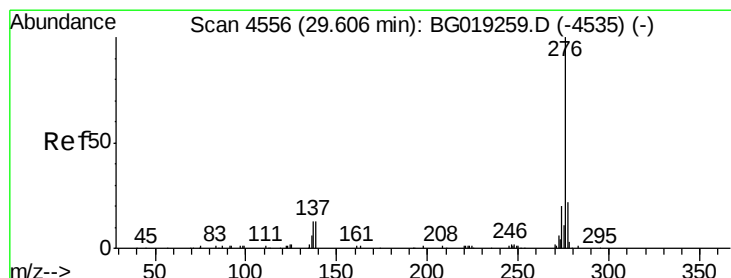
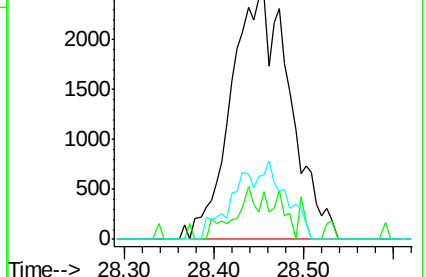
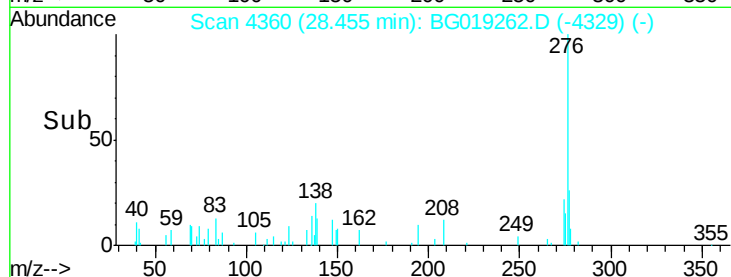
277 26.4 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.47 ng/ul m

RT: 29.59 min Scan# 4554

Delta R.T. -0.01 min

Lab File: BG019262.D

Acq: 20 Oct 2015 18:14

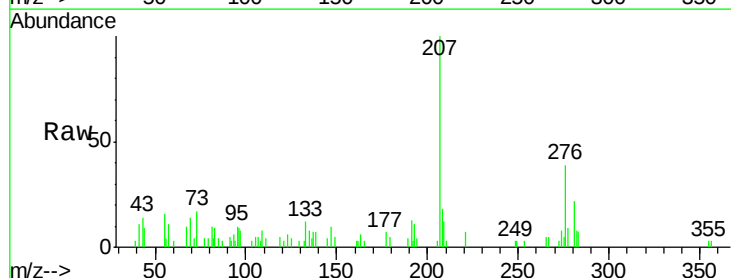
Tgt Ion:276 Resp: 11074

Ion Ratio Lower Upper

276 100

138 17.1 16.3 24.5

277 22.4 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

