

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021819.D
 Acq On : 10 May 2016 16:43
 Operator : UM/SJ
 Sample : H2938-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA8

Quant Time: May 11 03:31:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	61080	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	346476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	208847	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	456779	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	480531	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	472336	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	7013	5.54	ng/uL	0.00
5) Phenol-d5	7.33	99	123648	27.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	64469	28.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	118357	33.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	87038	22.86	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	61344	26.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	57051	39.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	189	0.05	ng/ul	0.21
29) 4-Chloroaniline-d4	11.14	131	86421	19.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	395342	26.95	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	539758	25.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	50978	20.27	ng/ul	0.00
58) Fluorene-d10	15.79	176	371235	24.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39345	31.10	ng/ul	0.00
71) Anthracene-d10	17.64	188	489802	22.03	ng/ul	0.00
77) Pyrene-d10	19.92	212	607424	27.01	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	546830	24.37	ng/ul	0.00

Target Compounds

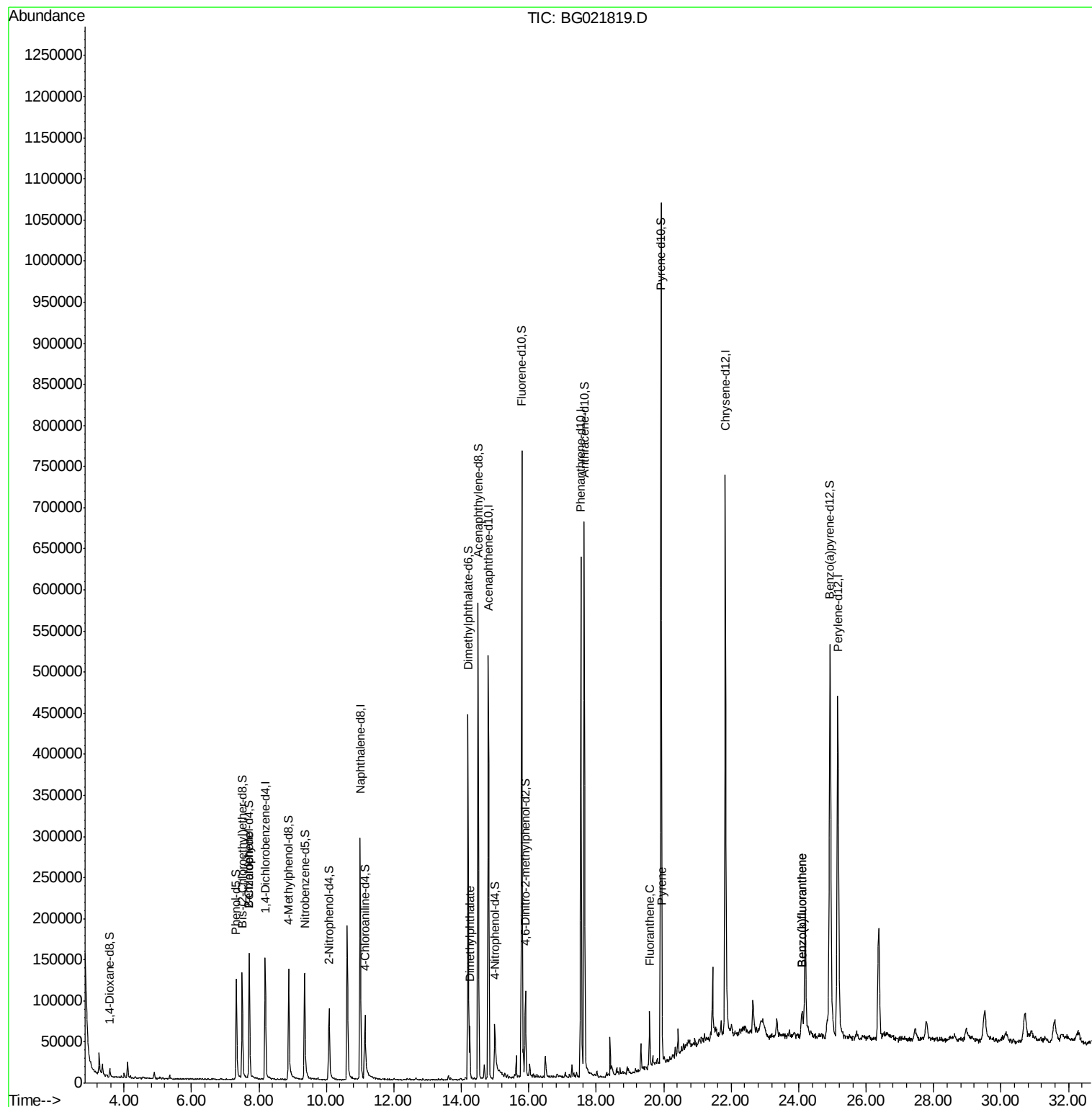
						Qvalue
4) Benzaldehyde	7.70	77	808	1.64	ng/ul	89
45) Dimethylphthalate	14.25	163	52493	3.51	ng/ul#	97
75) Fluoranthene	19.58	202	46505	1.64	ng/ul#	97
78) Pyrene	19.95	202	38437	1.38	ng/ul#	89
86) Benzo(b)fluoranthene	24.10	252	42728	1.58	ng/ul#	96
87) Benzo(k)fluoranthene	24.10	252	42728	1.48	ng/ul#	95

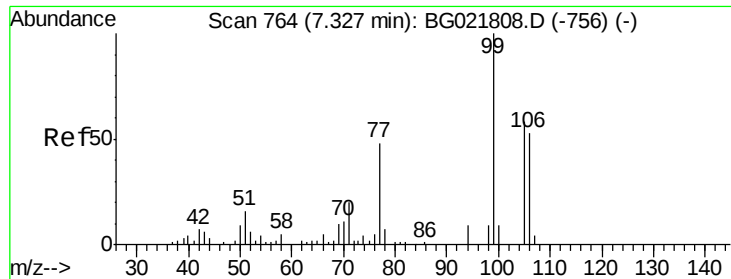
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.64 ng/ul

RT: 7.70 min Scan# 828

Delta R.T. 0.37 min

Lab File: BG021819.D

Acq: 10 May 2016 16:43

Instrument :

BNA_G

ClientSampleId :

D9XA8

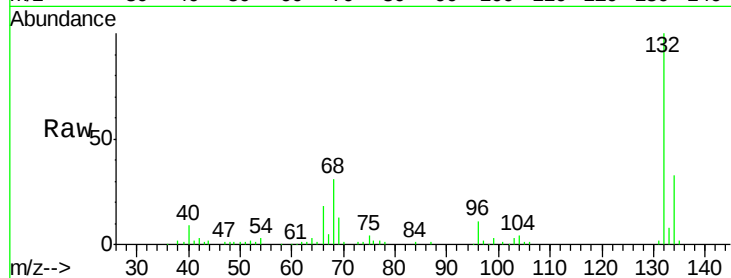
Tgt Ion: 77 Resp: 808

Ion Ratio Lower Upper

77 100

105 78.5 68.5 102.7

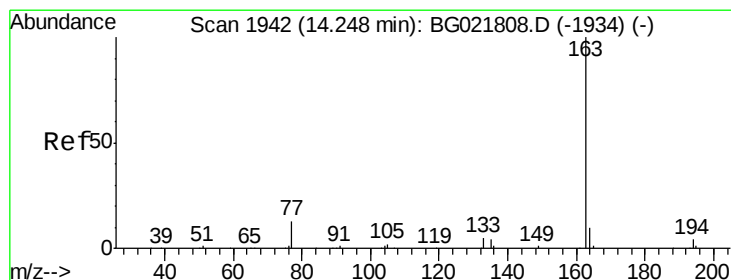
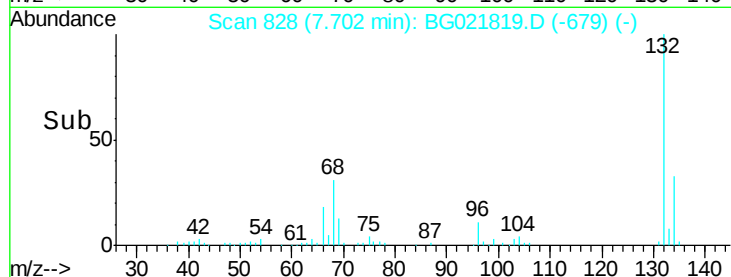
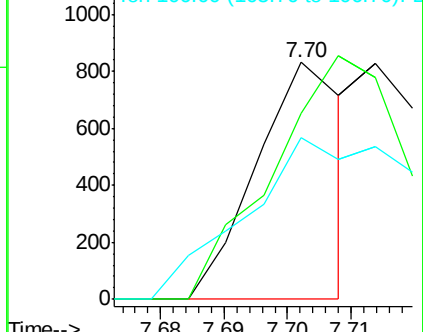
106 68.3 65.0 97.4



Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#45

Dimethylphthalate

Concen: 3.51 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG021819.D

Acq: 10 May 2016 16:43

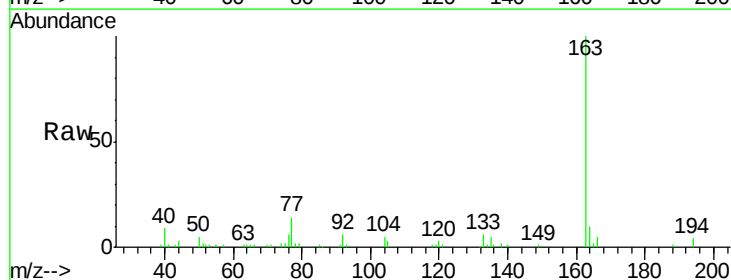
Tgt Ion: 163 Resp: 52493

Ion Ratio Lower Upper

163 100

194 3.6 3.9 5.9#

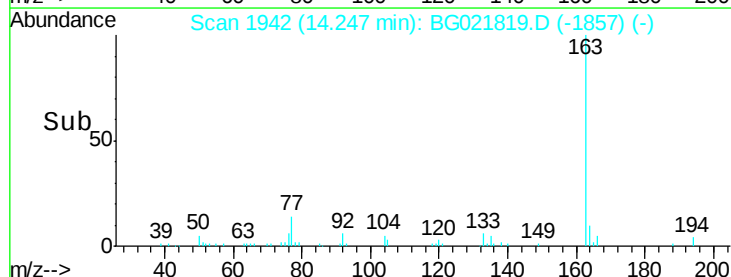
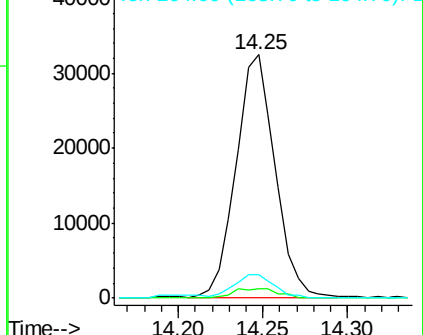
164 9.7 8.7 13.1

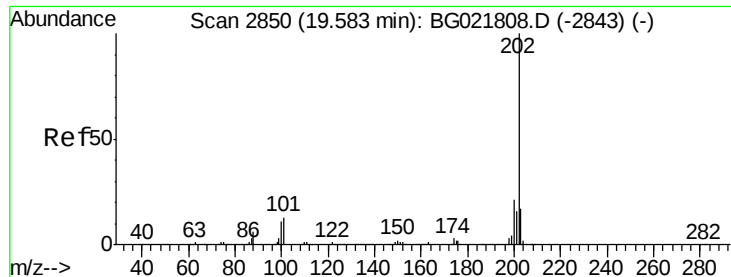


Abundance Ion 163.00 (162.70 to 163.70): B

Ion 194.00 (193.70 to 194.70): B

Ion 164.00 (163.70 to 164.70): B





#75

Fluoranthene

Concen: 1.64 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021819.D

Acq: 10 May 2016 16:43

Instrument :

BNA_G

ClientSampleId :

D9XA8

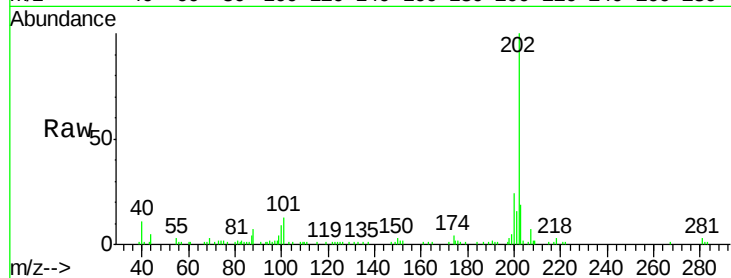
Tgt Ion:202 Resp: 46505

Ion Ratio Lower Upper

202 100

101 13.3 8.9 13.3#

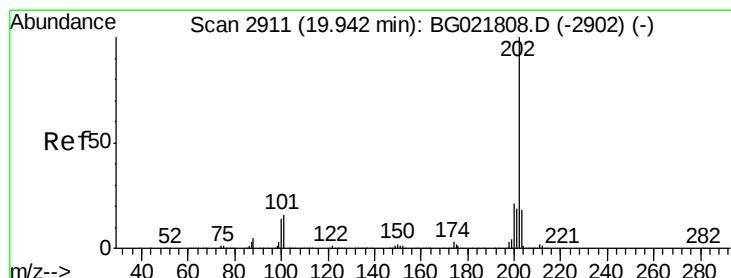
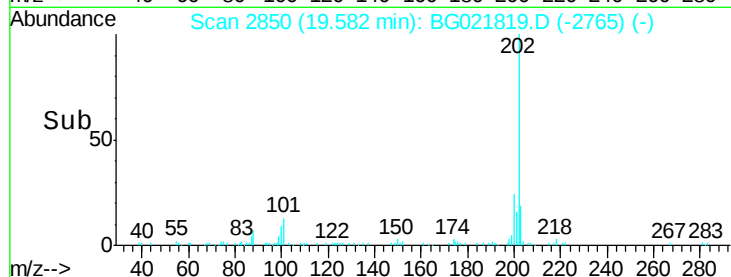
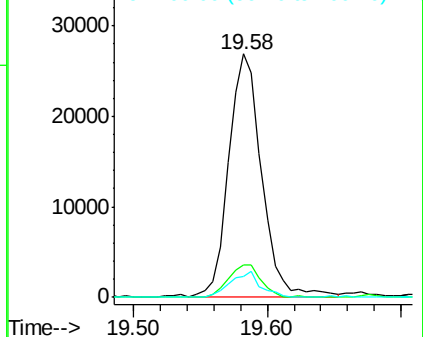
100 8.8 7.0 10.4



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



#78

Pyrene

Concen: 1.38 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG021819.D

Acq: 10 May 2016 16:43

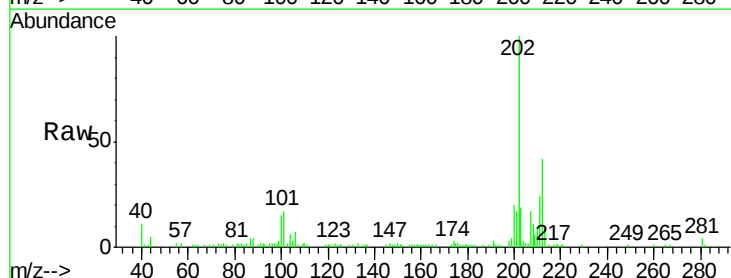
Tgt Ion:202 Resp: 38437

Ion Ratio Lower Upper

202 100

101 17.2 9.8 14.8#

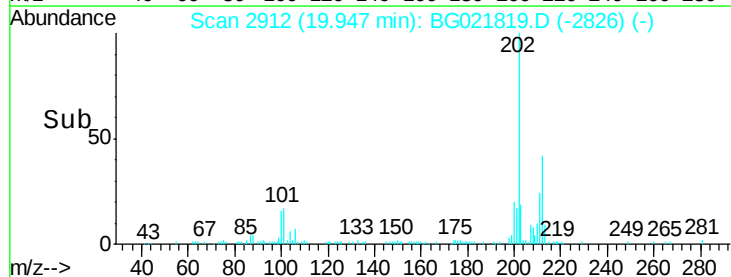
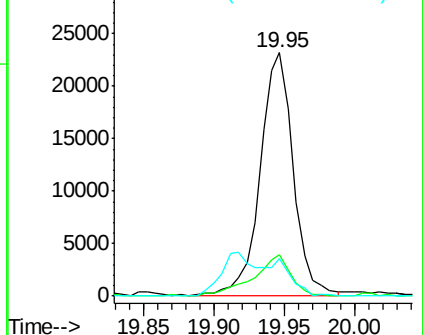
100 15.4 9.3 13.9#

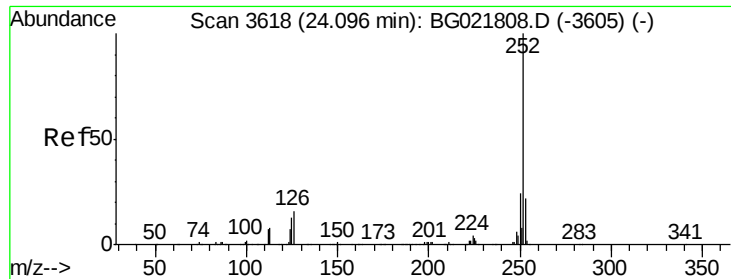


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

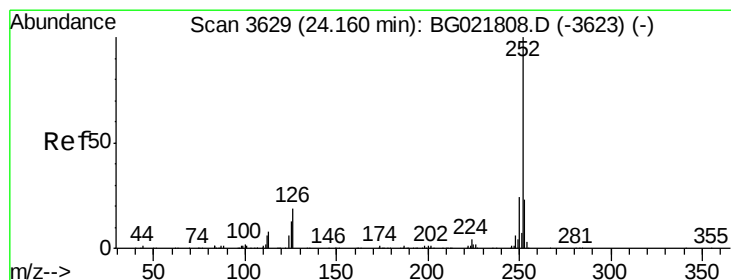
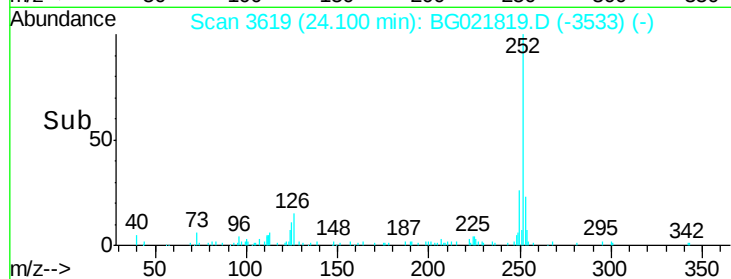
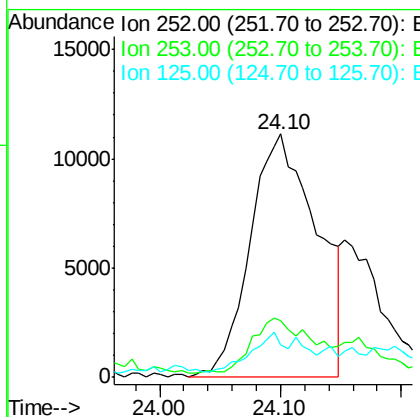
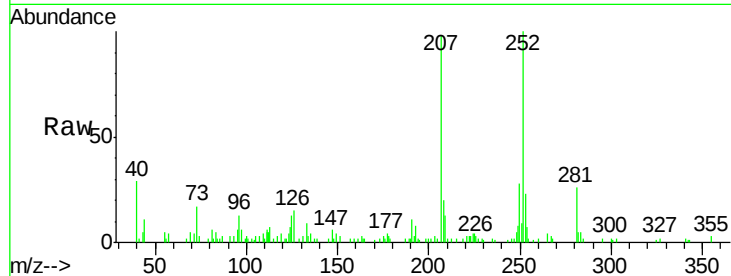




#86
Benzo(b)fluoranthene
Concen: 1.58 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.00 min
Lab File: BG021819.D
Acq: 10 May 2016 16:43

Instrument :
BNA_G
ClientSampleId :
D9XA8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	13.4	7.6	11.4



#87
Benzo(k)fluoranthene
Concen: 1.48 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.06 min
Lab File: BG021819.D
Acq: 10 May 2016 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	13.4	7.7	11.5

