

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019677.D
 Acq On : 18 Nov 2015 2:07
 Operator : UM/NP
 Sample : G4427-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC796

Quant Time: Nov 18 03:43:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	17378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	82404	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	91328	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	268407	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	349886	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	334580	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	3035	7.46	ng/uL	0.00
5) Phenol-d5	7.30	99	73249	41.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	49688	42.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	46994	41.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	60552	41.08	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	25470	37.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28106	36.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	57800	35.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	64302	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	227911	27.59	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	187793	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	35342	27.16	ng/ul	0.00
58) Fluorene-d10	15.77	176	133265	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	34473	19.88	ng/ul	0.00
71) Anthracene-d10	17.62	188	215509	16.54	ng/ul	0.00
79) Pyrene-d10	19.89	212	209510	13.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	180668	10.34	ng/ul	0.00

Target Compounds

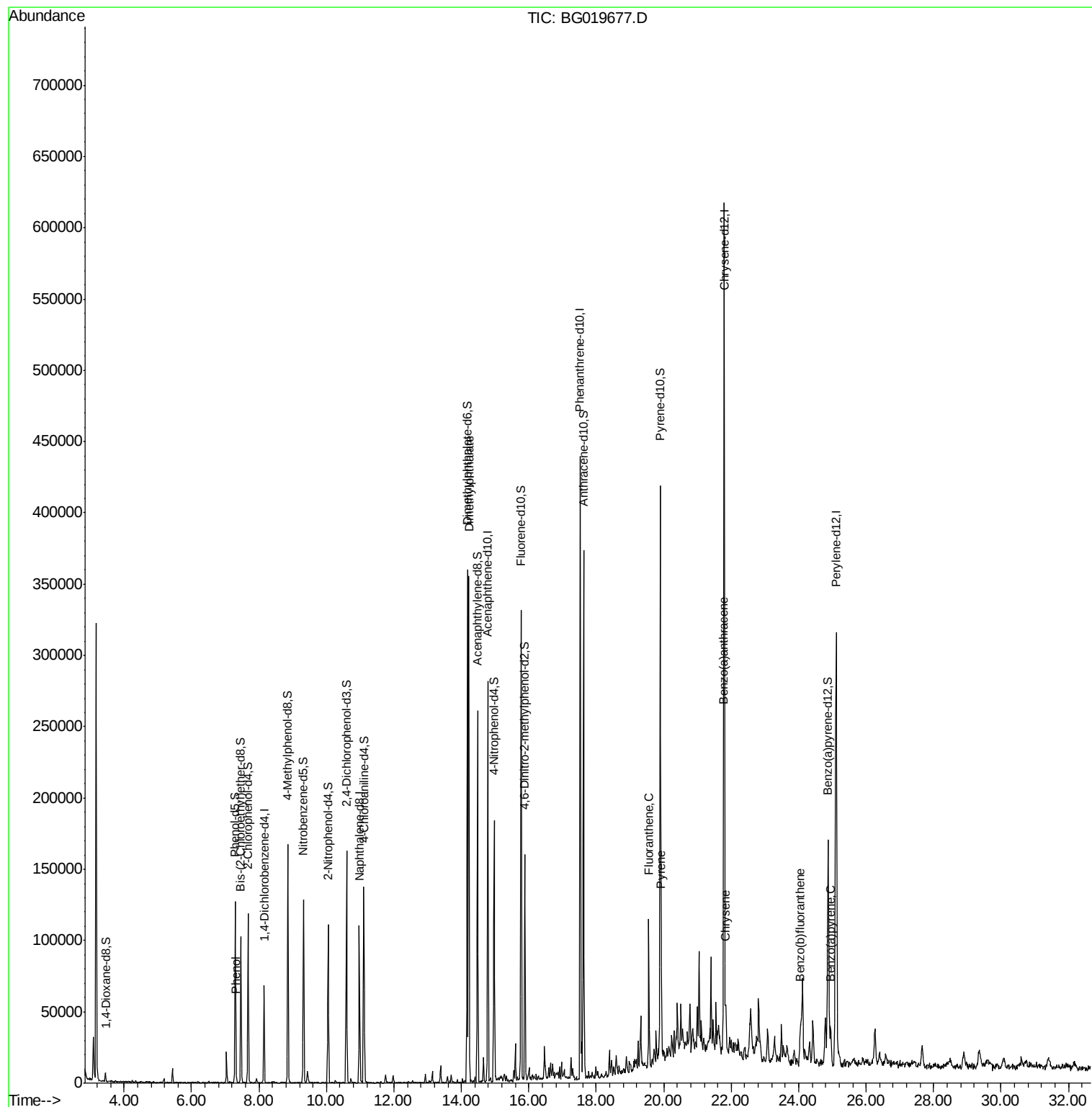
						Ovalue
6) Phenol	7.32	94	5408	2.81	ng/ul	98
45) Dimethylphthalate	14.22	163	208643	25.48	ng/ul	100
77) Fluoranthene	19.56	202	61235	3.34	ng/ul#	95
80) Pyrene	19.92	202	51361	2.51	ng/ul	100
83) Benzo(a)anthracene	21.77	228	37444	1.77	ng/ul	94
85) Chrysene	21.84	228	32030	1.60	ng/ul	96
88) Benzo(b)fluoranthene	24.04	252	33344	1.62	ng/ul#	97
91) Benzo(a)pyrene	24.95	252	29159	1.47	ng/ul#	92

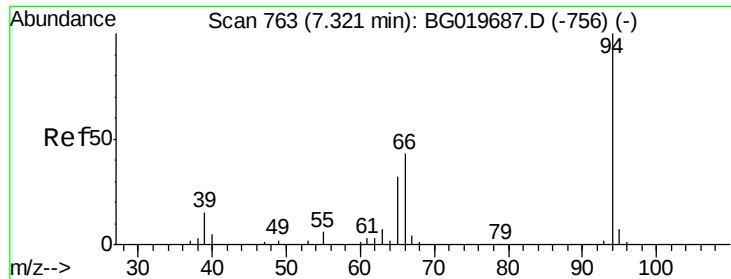
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.81 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG019677.D

Acq: 18 Nov 2015 2:07

Instrument :

BNA_G

ClientSampleId :

BC796

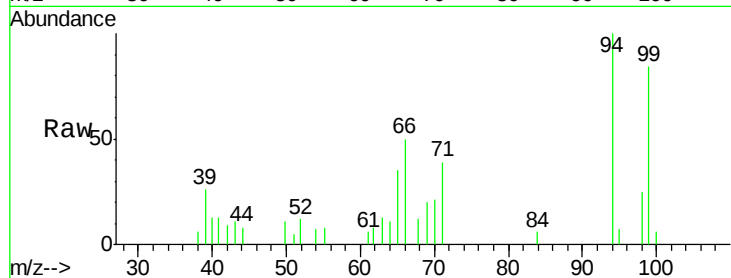
Tot Ion: 94 Resp: 5408

Ion Ratio Lower Upper

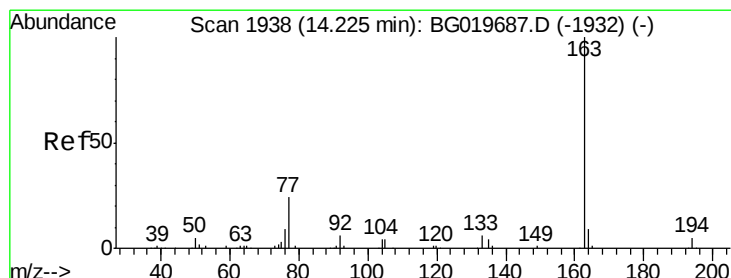
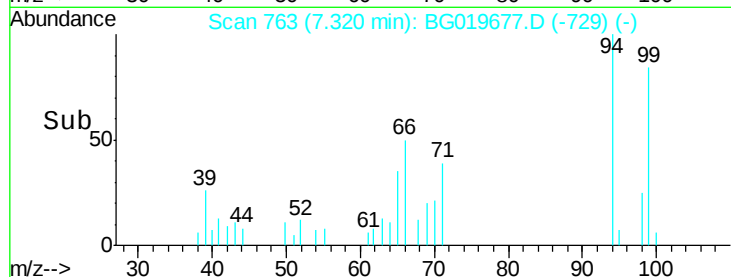
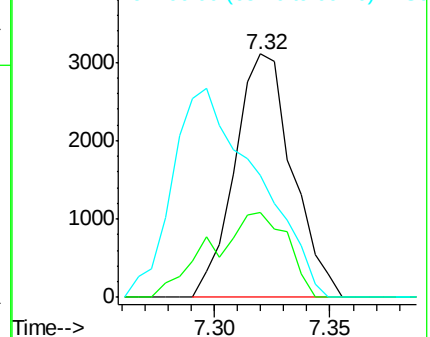
94 100

65 34.7 27.4 41.0

66 50.3 39.0 58.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 25.48 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG019677.D

Acq: 18 Nov 2015 2:07

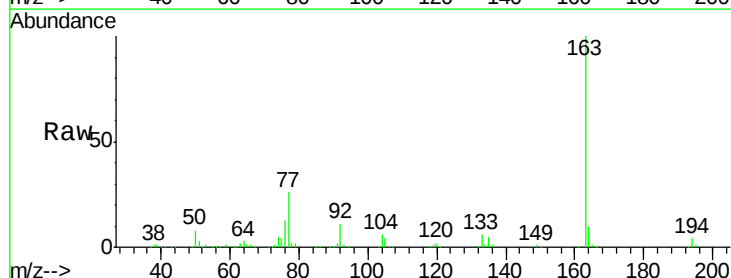
Tgt Ion:163 Resp: 208643

Ion Ratio Lower Upper

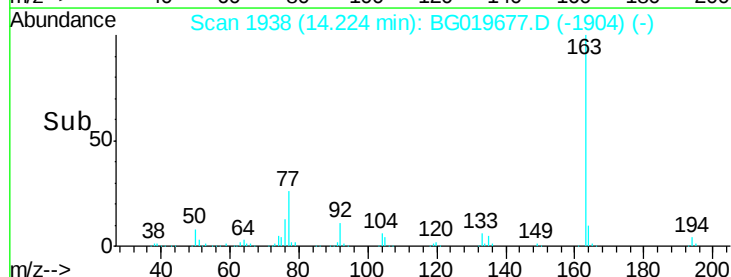
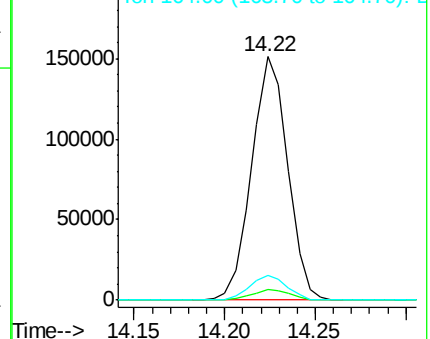
163 100

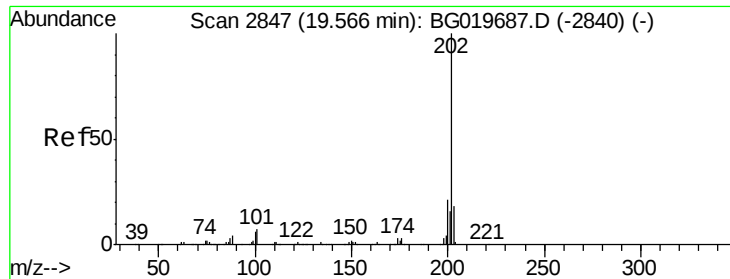
194 4.4 3.5 5.3

164 10.2 8.3 12.5



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

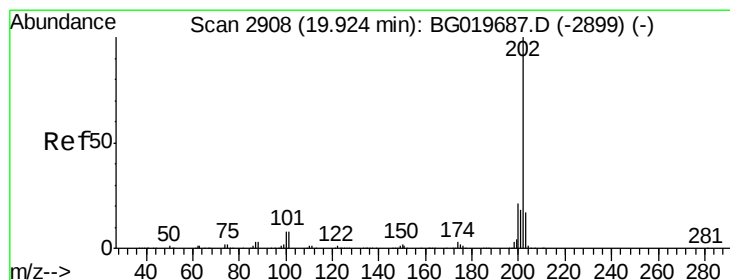
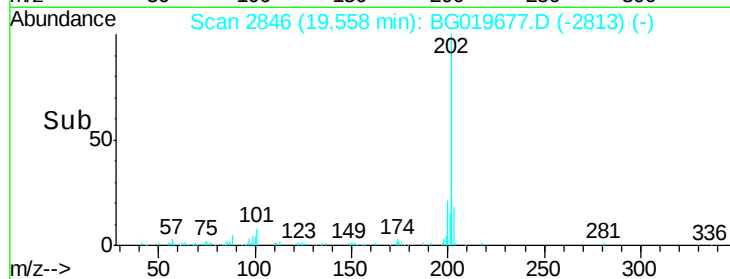
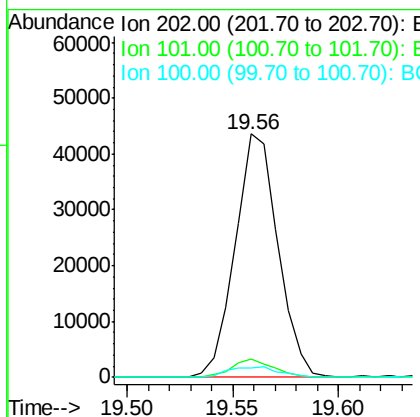
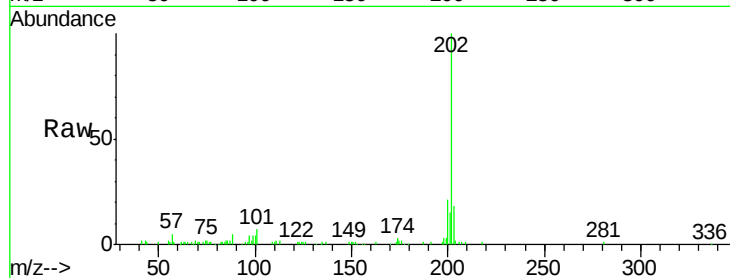




#77
Fluoranthene
Concen: 3.34 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

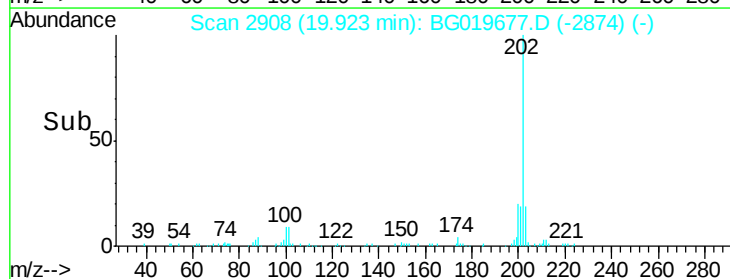
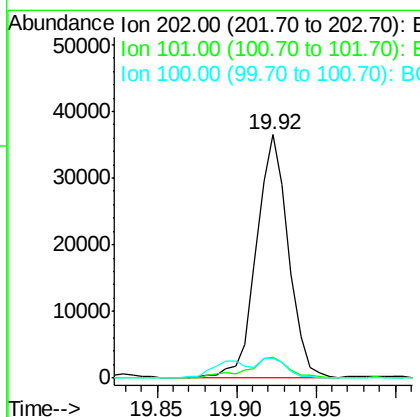
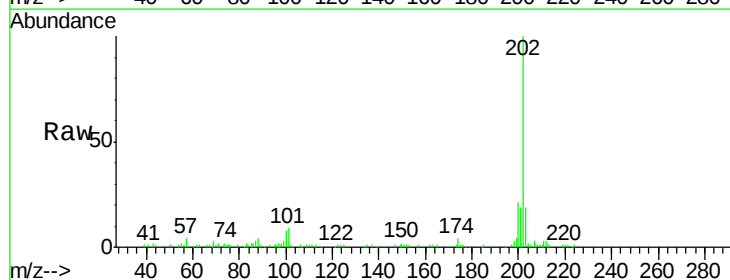
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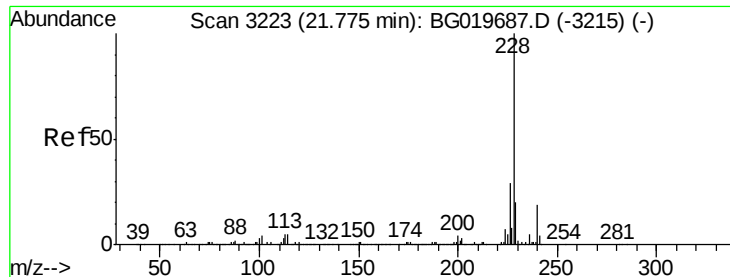
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.2	7.8
100	3.6	5.0	7.4#



#80
Pyrene
Concen: 2.51 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	7.0	10.6
100	8.3	6.6	10.0

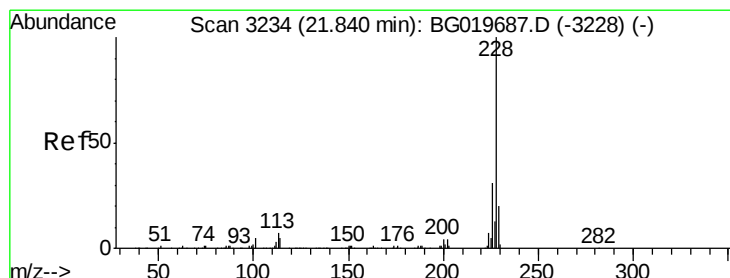
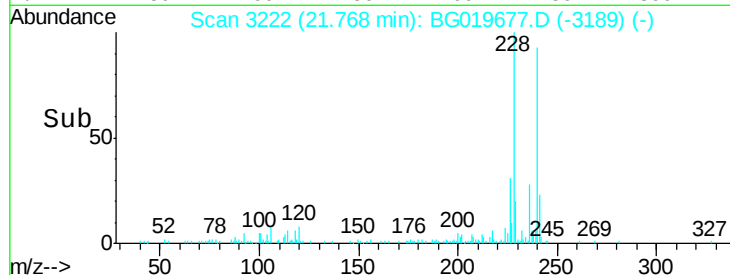
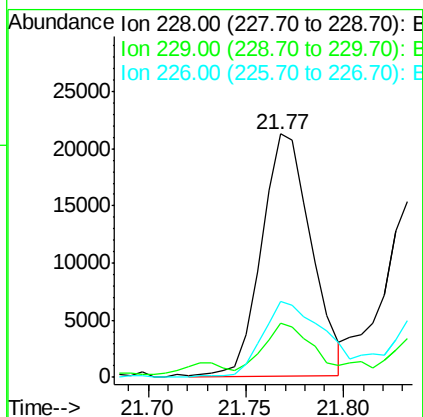
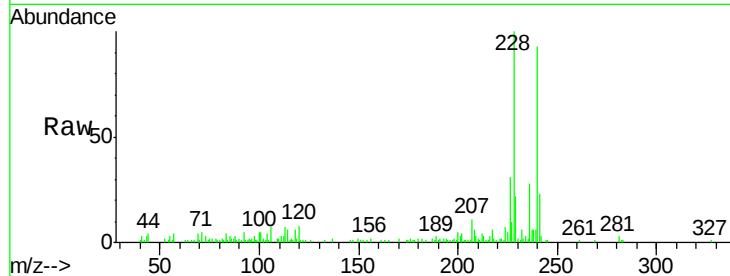




#83
Benzo(a)anthracene
Concen: 1.77 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

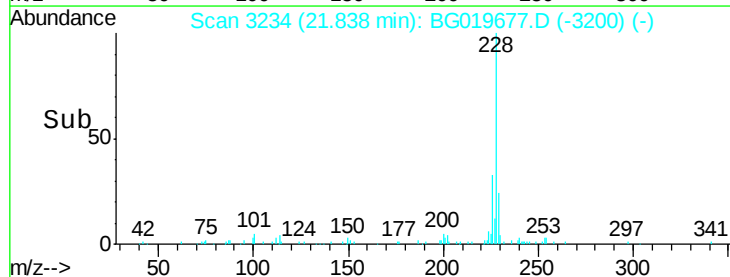
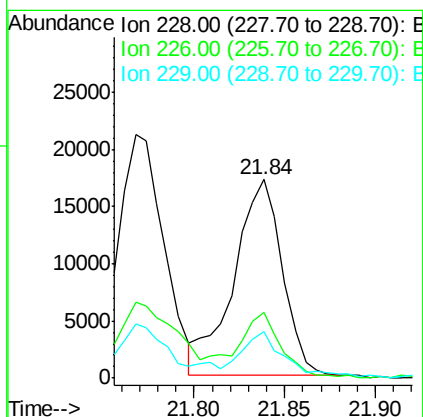
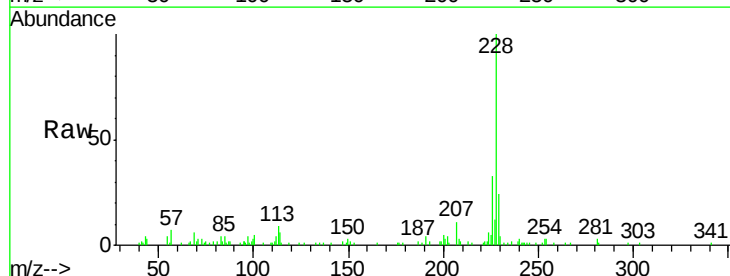
Instrument :
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BC796

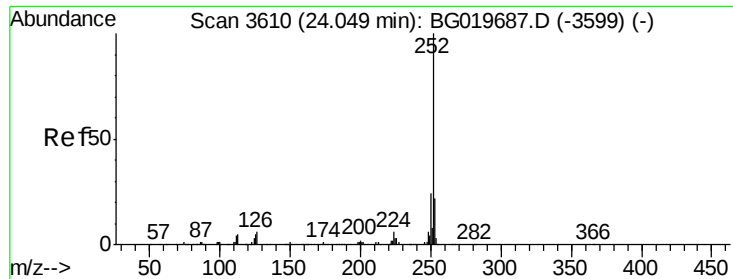
Tot Ion:228 Resp: 37444
Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 31.3 22.6 33.8



#85
Chrysene
Concen: 1.60 ng/ul
RT: 21.84 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:228 Resp: 32030
Ion Ratio Lower Upper
228 100
226 33.1 24.9 37.3
229 23.6 17.0 25.6

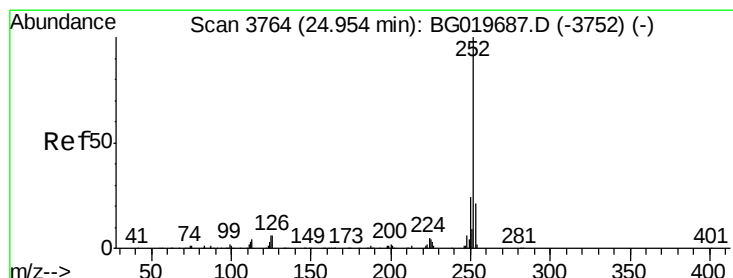
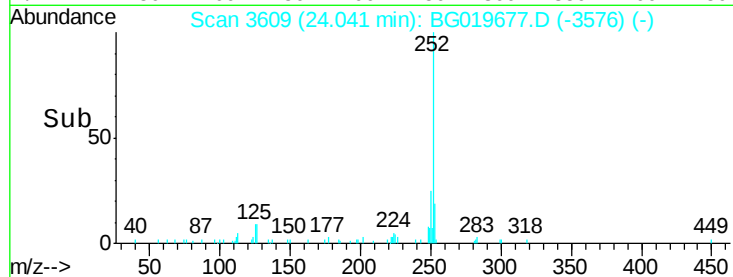
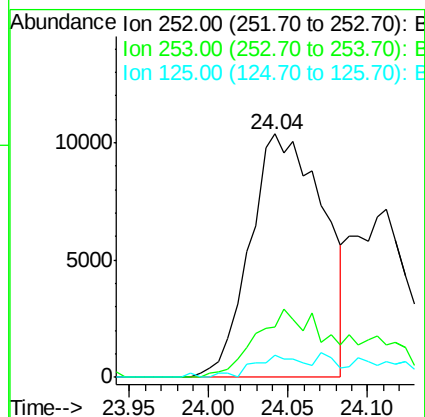
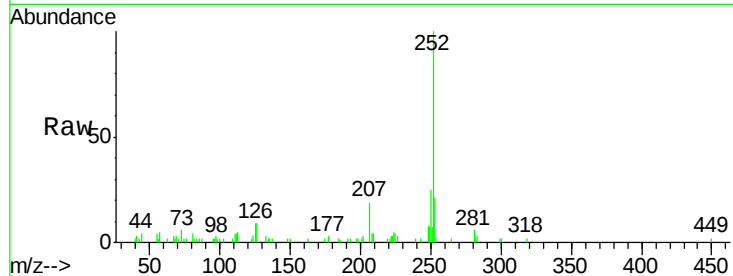




#88
Benzo(b)fluoranthene
Concen: 1.62 ng/ul
RT: 24.04 min Scan# 3609
Delta R.T. -0.01 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Instrument :
BNA_G
ClientSampleId :
BC796

Tot Ion:252 Resp: 33344
Ion Ratio Lower Upper
252 100
253 20.7 17.1 25.7
125 9.0 4.2 6.4#



#91
Benzo(a)pyrene
Concen: 1.47 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG019677.D
Acq: 18 Nov 2015 2:07

Tgt Ion:252 Resp: 29159
Ion Ratio Lower Upper
252 100
253 24.8 16.9 25.3
125 9.2 5.4 8.0#

