

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019685.D
 Acq On : 18 Nov 2015 7:12
 Operator : UM/NP
 Sample : G4427-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A5

Quant Time: Nov 18 07:48:44 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	26495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	115697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	101575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	270589	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	325999	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317169	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1743	2.81	ng/uL	0.00
5) Phenol-d5	7.29	99	40802	15.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29899	16.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	26883	15.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31973	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15235	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17533	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33877	14.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	33924	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	144169	15.69	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	130982	13.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	16429	11.35	ng/ul	0.00
58) Fluorene-d10	15.77	176	117965	14.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	16673	9.54	ng/ul	0.00
71) Anthracene-d10	17.62	188	192945	14.69	ng/ul	0.00
79) Pyrene-d10	19.89	212	192866	12.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	204000	12.32	ng/ul	0.00

Target Compounds

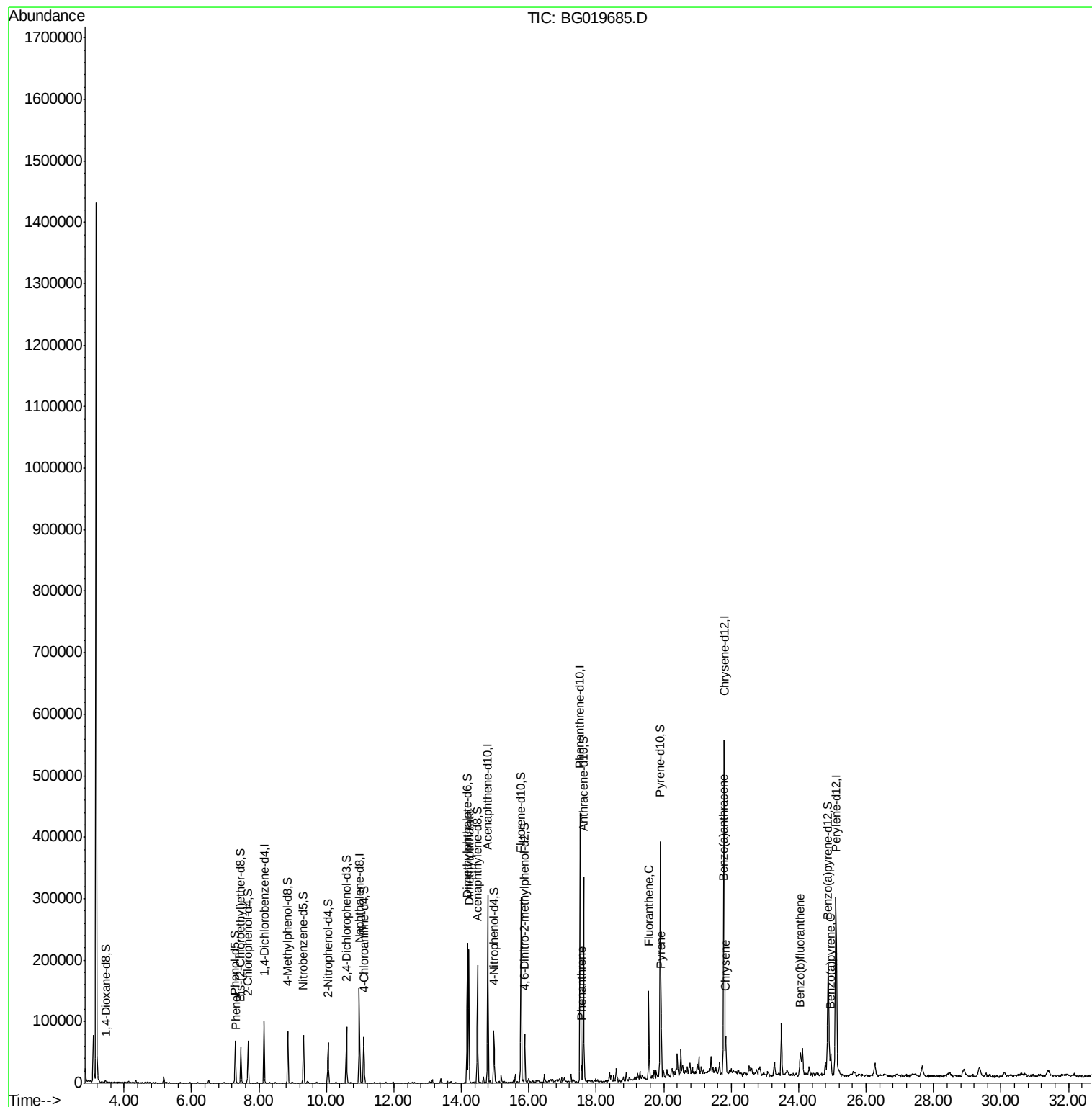
						Ovalue
6) Phenol	7.32	94	3309	1.13	ng/ul	91
45) Dimethylphthalate	14.22	163	132514	14.55	ng/ul	99
70) Phenanthrene	17.56	178	15571	1.08	ng/ul	96
77) Fluoranthene	19.56	202	88074	4.77	ng/ul	99
80) Pyrene	19.92	202	68314	3.59	ng/ul#	97
83) Benzo(a)anthracene	21.77	228	54714	2.77	ng/ul	97
85) Chrysene	21.84	228	40148	2.16	ng/ul	99
88) Benzo(b)fluoranthene	24.05	252	52336	2.68	ng/ul#	95
91) Benzo(a)pyrene	24.95	252	36929	1.96	ng/ul	96

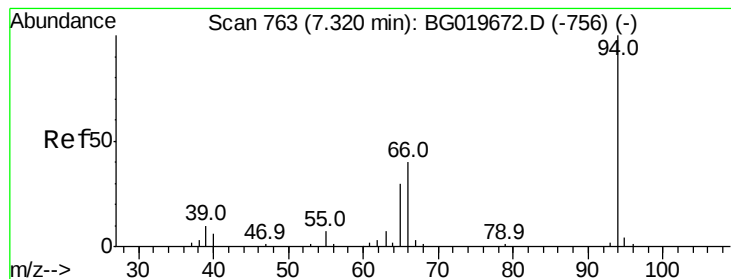
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.13 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

ClientSampleId :

BC7A5

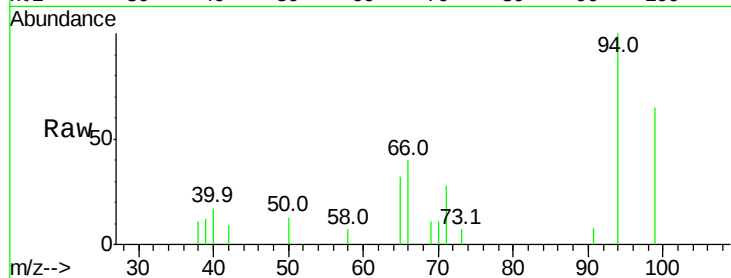
Tot Ion: 94 Resp: 3309

Ion Ratio Lower Upper

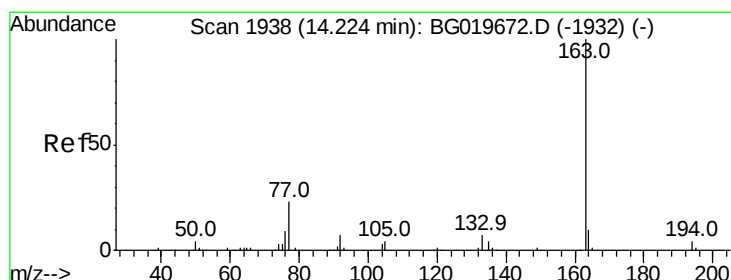
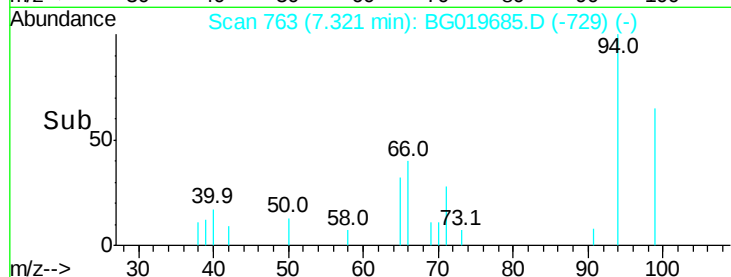
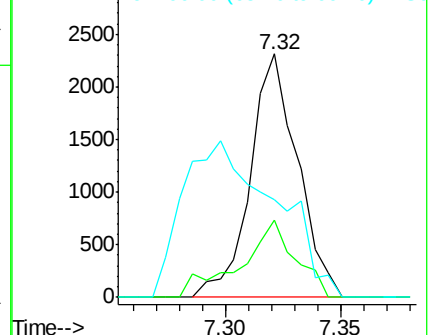
94 100

65 31.5 27.4 41.0

66 40.0 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: 14.55 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

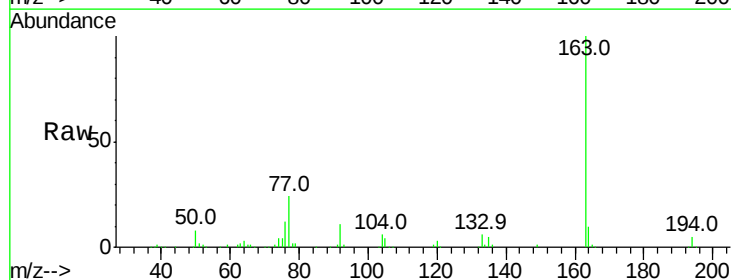
Tgt Ion:163 Resp: 132514

Ion Ratio Lower Upper

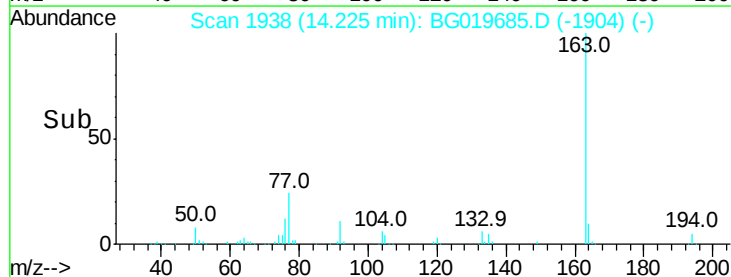
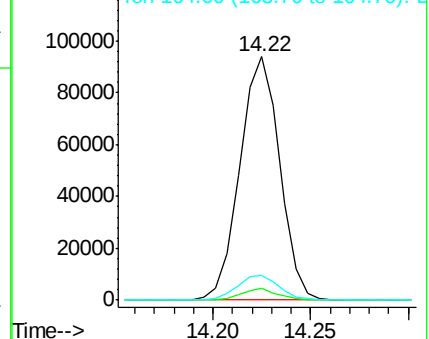
163 100

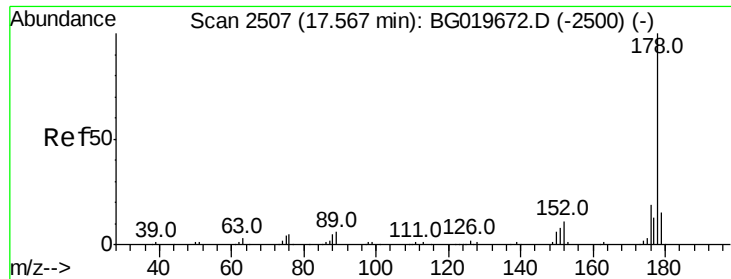
194 5.1 3.5 5.3

164 10.4 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





#70

Phenanthrene

Concen: 1.08 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

ClientSampleId :

BC7A5

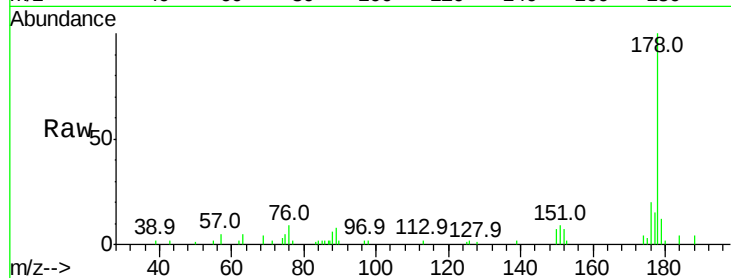
Tot Ion:178 Resp: 15571

Ion Ratio Lower Upper

178 100

179 12.5 12.2 18.2

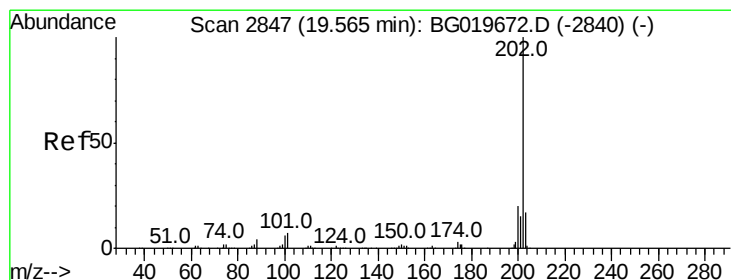
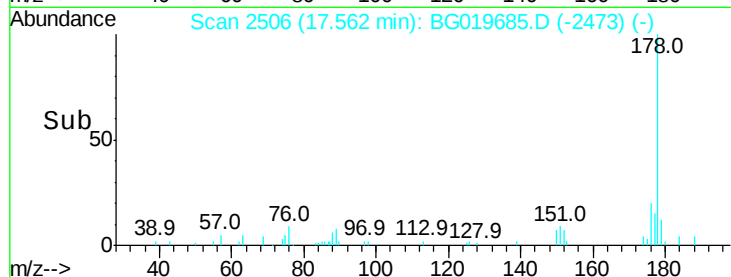
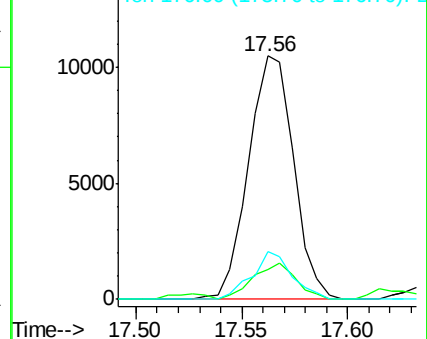
176 19.5 16.6 24.8



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: 4.77 ng/ul

RT: 19.56 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

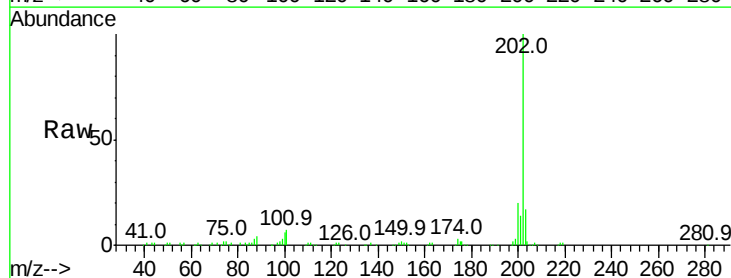
Tgt Ion:202 Resp: 88074

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

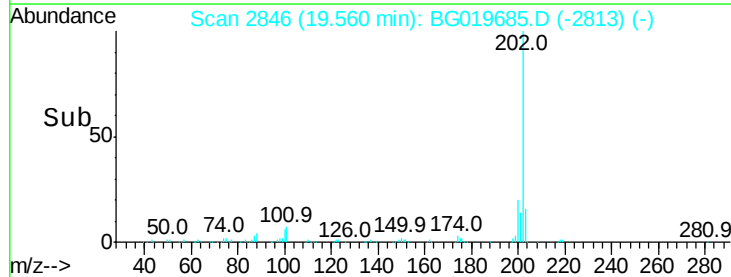
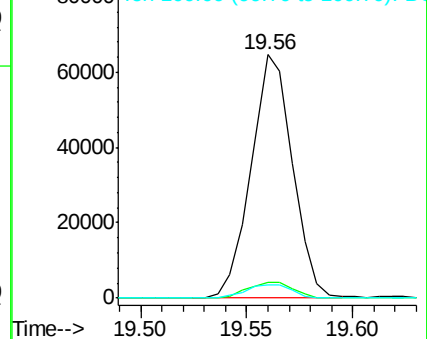
100 5.6 5.0 7.4

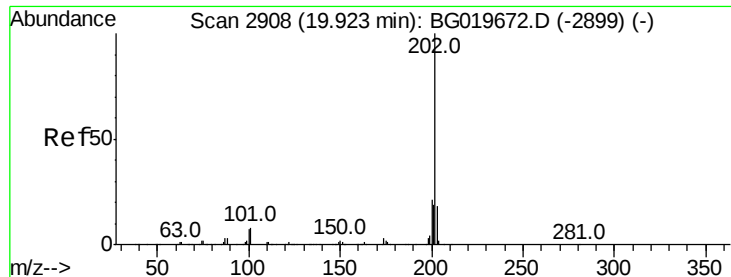


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

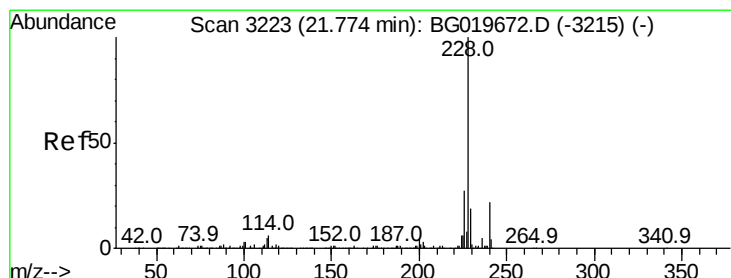
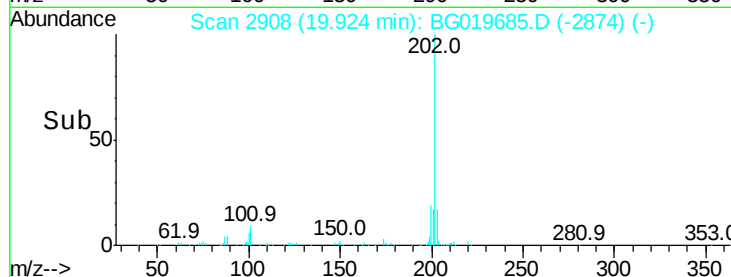
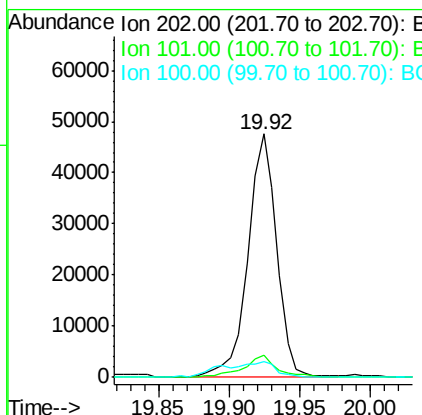
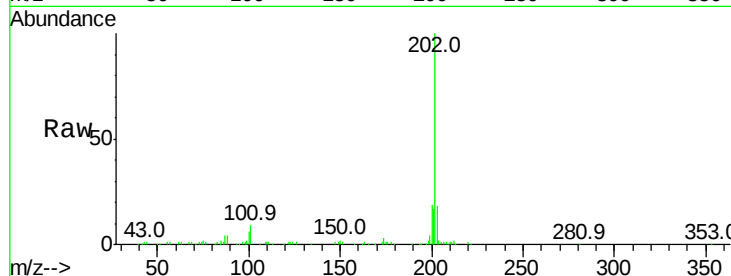




#80
Pvrene
Concen: 3.59 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

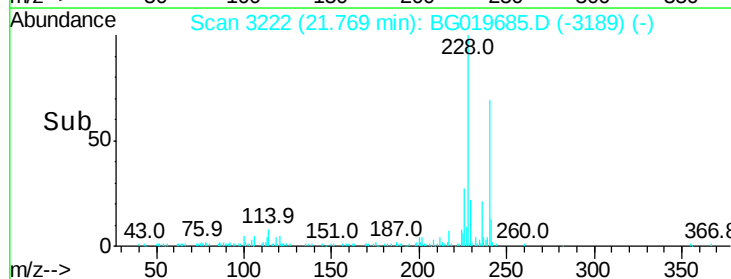
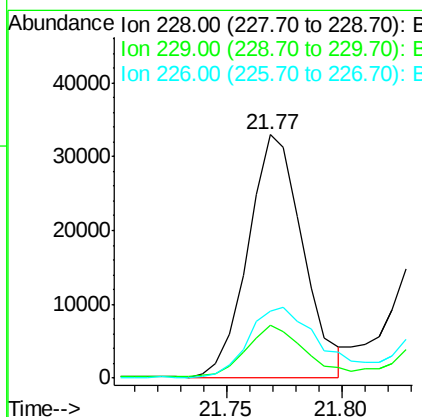
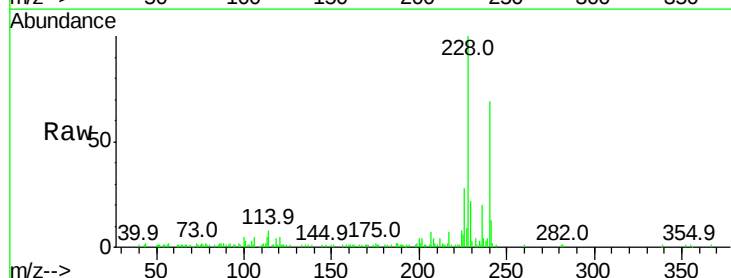
Instrument :
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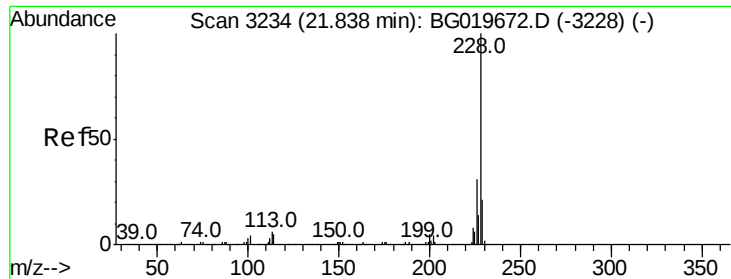
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.6
100	6.3	6.6	10.0



#83
Benzo(a)anthracene
Concen: 2.77 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	27.6	22.6	33.8





#85

Chrysene

Concen: 2.16 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

ClientSampleId :

BC7A5

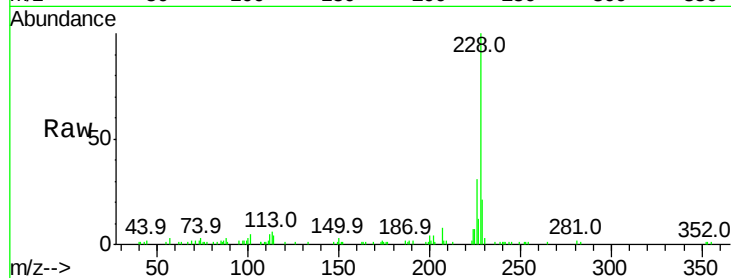
Tot Ion:228 Resp: 40148

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

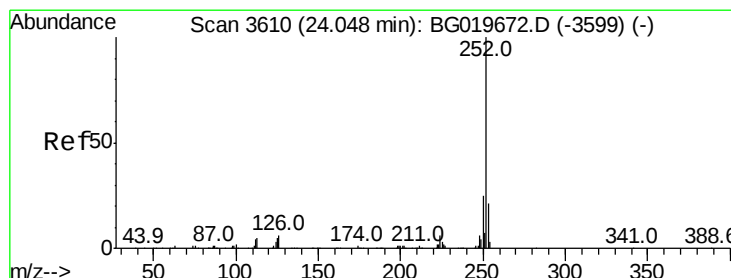
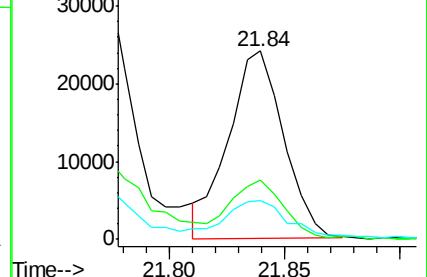
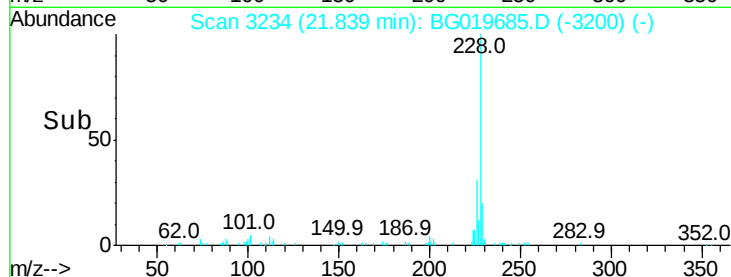
229 20.9 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 2.68 ng/ul

RT: 24.05 min Scan# 3610

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

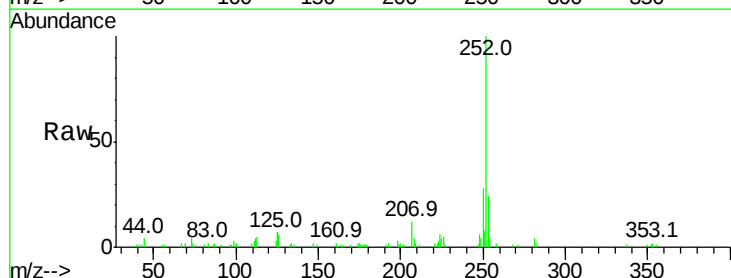
Tgt Ion:252 Resp: 52336

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

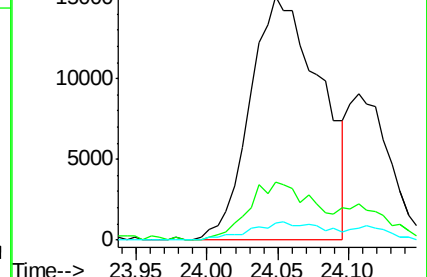
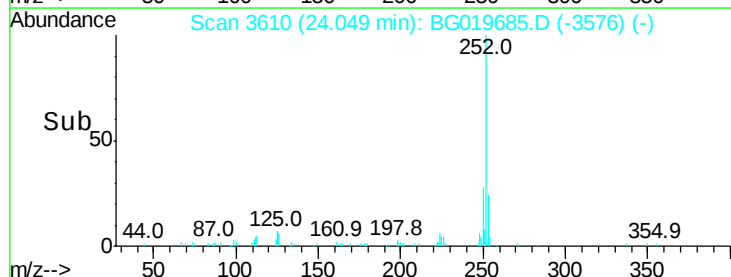
125 6.9 4.2 6.4#

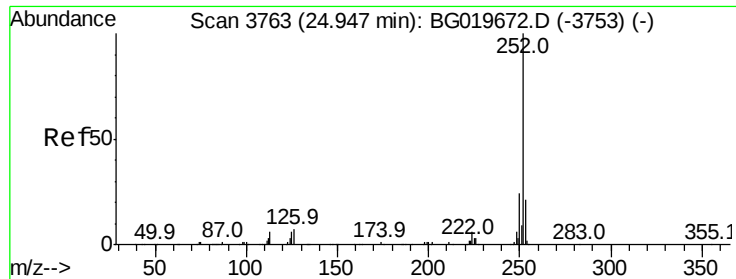


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.96 ng/ul

RT: 24.95 min Scan# 3763

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

ClientSampleId :

BC7A5

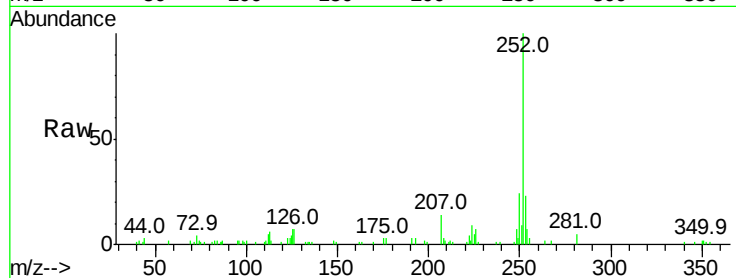
Tot Ion:252 Resp: 36929

Ion Ratio Lower Upper

252 100

253 23.3 16.9 25.3

125 7.5 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

