

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112015\
 Data File : BG019733.D
 Acq On : 21 Nov 2015 00:00
 Operator : UM/NP
 Sample : G4428-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 01:08:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:06:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	15133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	68601	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	60438	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	179501	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	234768	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	224344	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2837	8.01	ng/uL	0.00
5) Phenol-d5	7.26	99	60490	39.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	40168	39.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	37682	37.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	49886	38.86	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	20233	35.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	24912	39.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	50078	36.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	56783	43.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	199964	36.58	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	194590	32.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	29244	33.96	ng/ul	0.00
58) Fluorene-d10	15.74	176	166631	34.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	34375	29.65	ng/ul	0.00
71) Anthracene-d10	17.59	188	311139	35.70	ng/ul	0.00
79) Pyrene-d10	19.87	212	382489	35.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	439539	37.53	ng/ul	0.00

Target Compounds

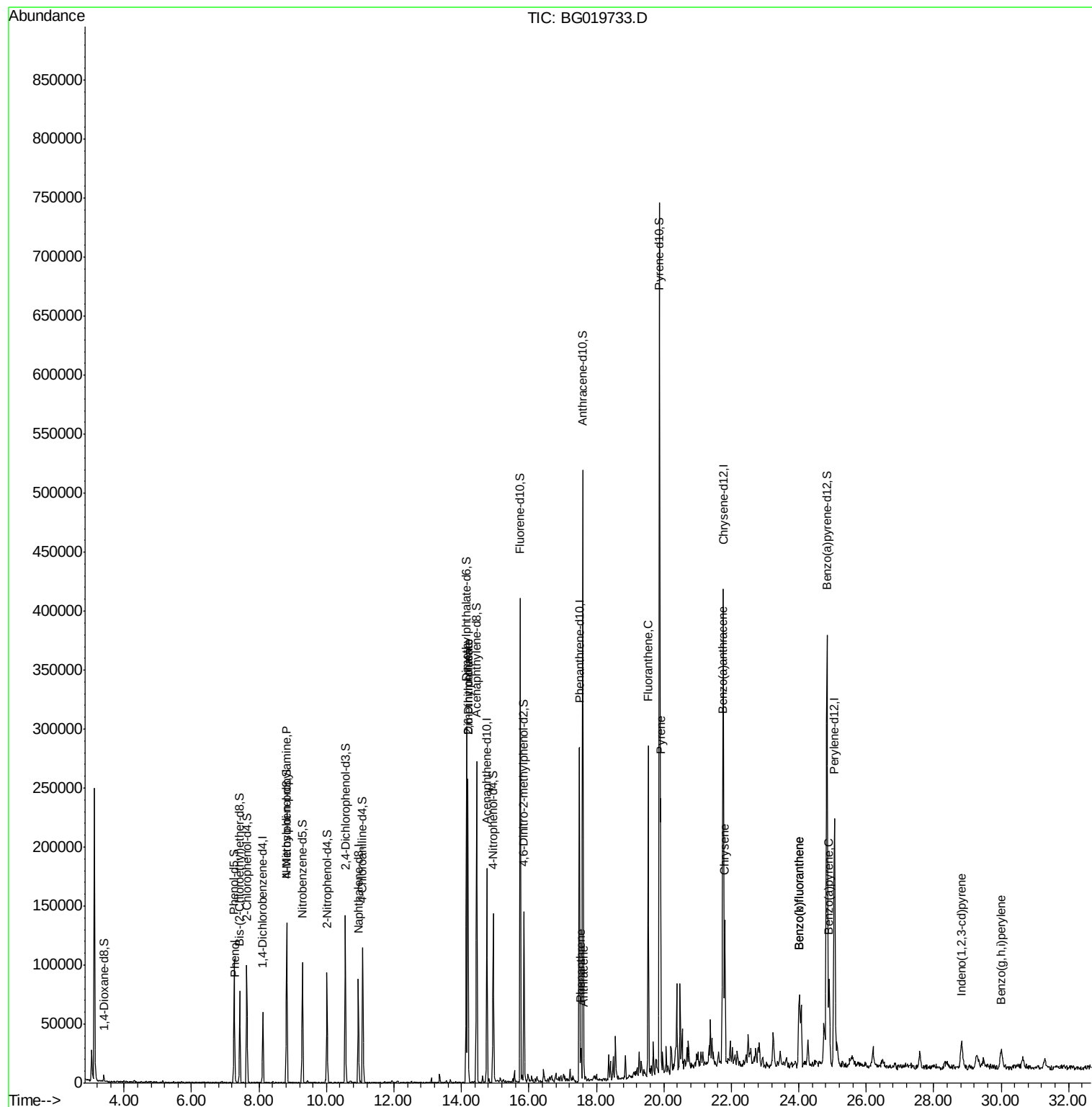
						Ovalue
6) Phenol	7.28	94	4216	2.52	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.82	70	1840	1.28	ng/ul#	1
45) Dimethylphthalate	14.20	163	153835	28.38	ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	2025	1.87	ng/ul#	52
70) Phenanthrene	17.54	178	18510	1.93	ng/ul	98
72) Anthracene	17.63	178	11288	1.17	ng/ul	97
77) Fluoranthene	19.54	202	172111	14.06	ng/ul	98
80) Pyrene	19.90	202	148261	10.81	ng/ul#	96
83) Benzo(a)anthracene	21.74	228	101231	7.11	ng/ul	98
85) Chrysene	21.81	228	87259	6.51	ng/ul	98
88) Benzo(b)fluoranthene	24.02	252	91762	6.64	ng/ul#	96
89) Benzo(k)fluoranthene	24.02	252	91762	6.88	ng/ul	96
91) Benzo(a)pyrene	24.90	252	74666	5.61	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.82	276	26467	1.78	ng/ul	96
94) Benzo(g,h,i)perylene	30.00	276	32494	2.63	ng/ul	99

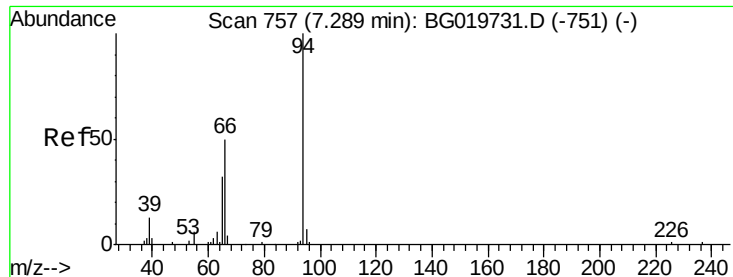
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019733.D
Acq On : 21 Nov 2015 00:00
Operator : UM/NP
Sample : G4428-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 21 01:08:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:06:32 2015
Response via : Initial Calibration





#6

Phenol

Concen: 2.52 na/ul

RT: 7.28 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Instrument :

BNA_G

ClientSampleId :

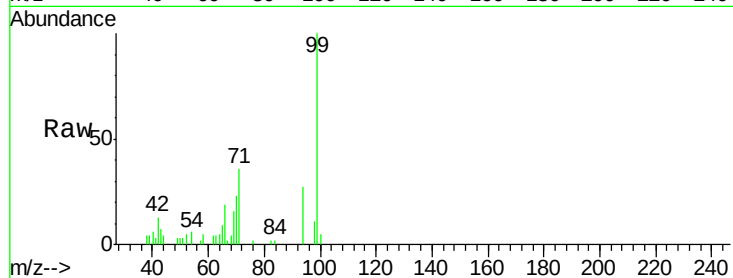
Tot Ion: 94 Resp: 4216

Ion Ratio Lower Upper

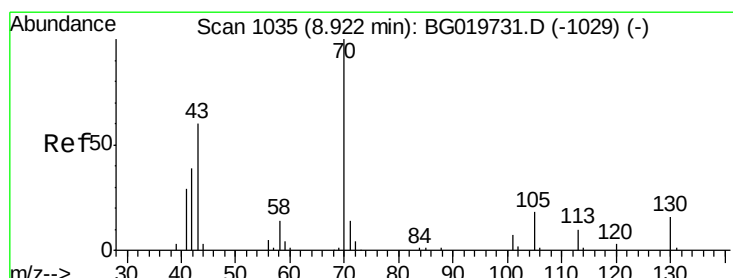
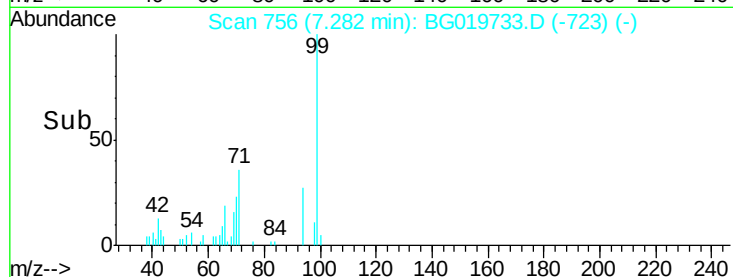
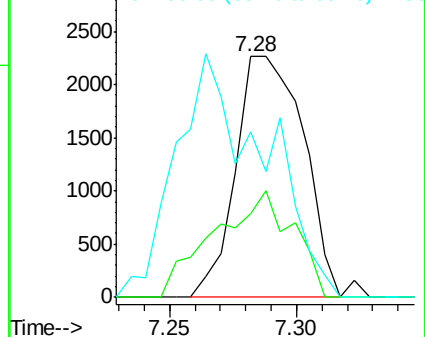
94 100

65 34.8 27.4 41.0

66 68.8 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



#15

N-Nitroso-di-n-propylamine

Concen: 1.28 ng/ul

RT: 8.82 min Scan# 1018

Delta R.T. -0.10 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Tgt Ion: 70 Resp: 1840

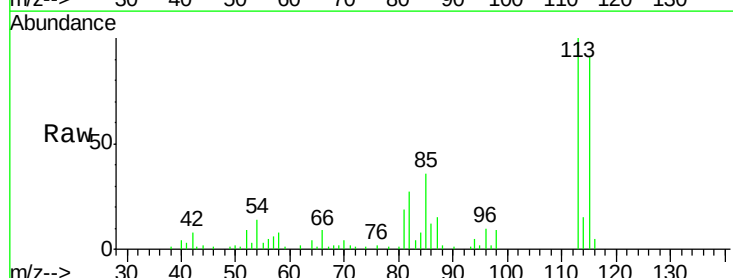
Ion Ratio Lower Upper

70 100

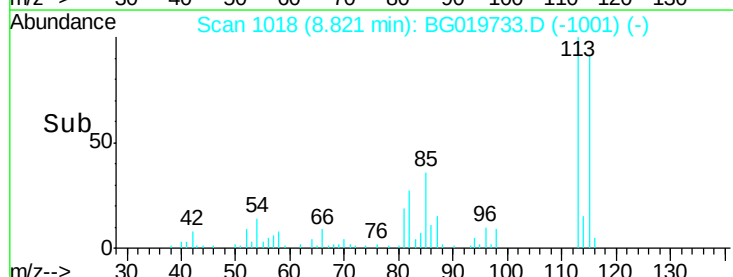
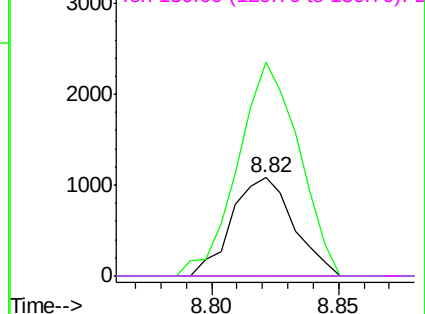
42 217.0 28.4 42.6#

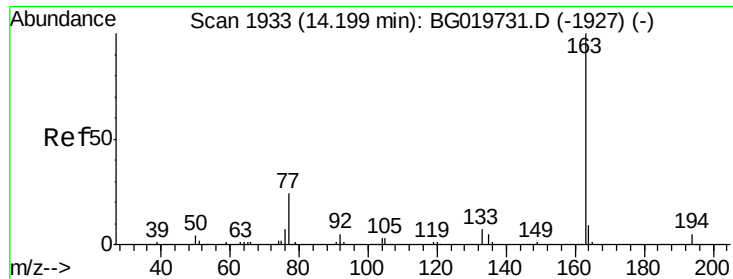
101 0.0 5.3 7.9#

130 0.0 10.9 16.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

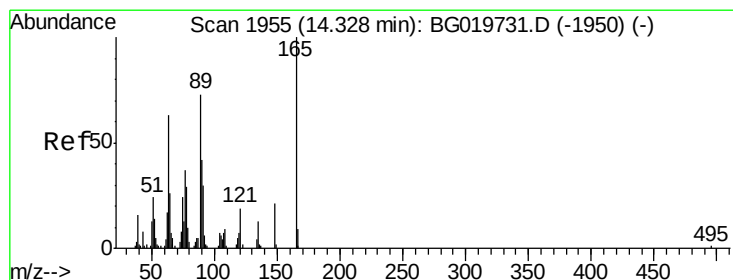
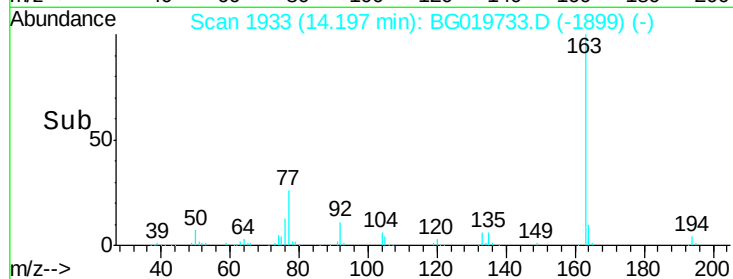
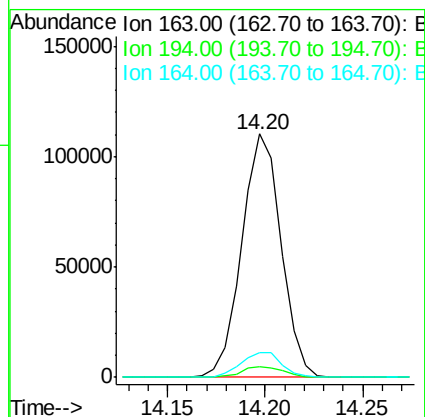
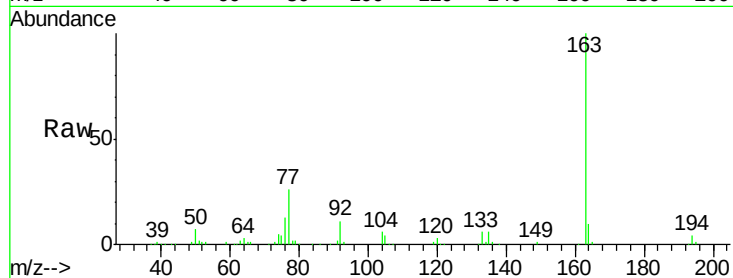




#45
Dimethylphthalate
Concen: 28.38 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

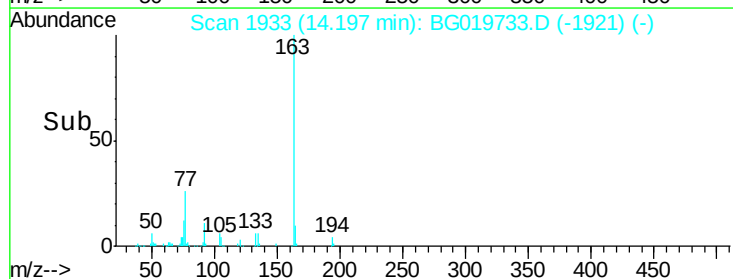
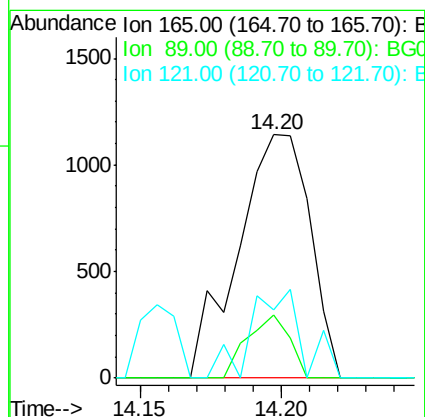
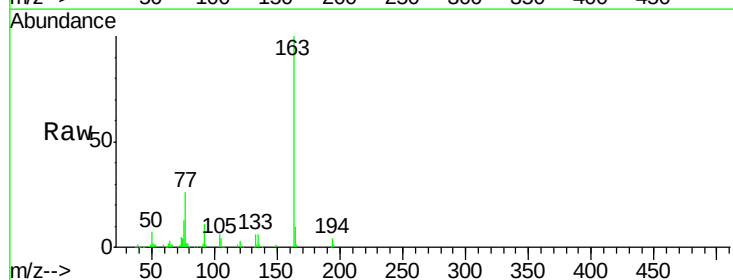
Instrument :
BNA_G
ClientSampled :

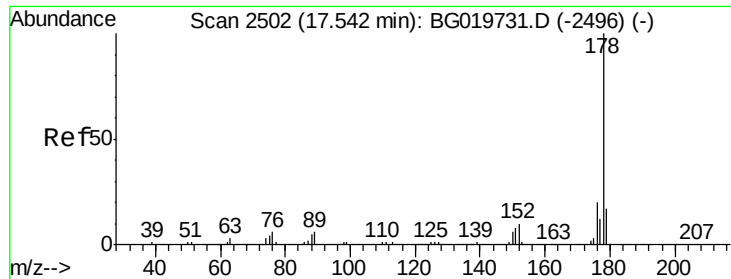
Tot Ion:163 Resp: 153835
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.3 12.5



#46
2,6-Dinitrotoluene
Concen: 1.87 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. -0.13 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

Tgt Ion:165 Resp: 2025
Ion Ratio Lower Upper
165 100
89 25.8 61.1 91.7#
121 27.8 17.8 26.8#





#70

Phenanthrene

Concen: 1.93 ng/ul

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Instrument :

BNA_G

ClientSampleId :

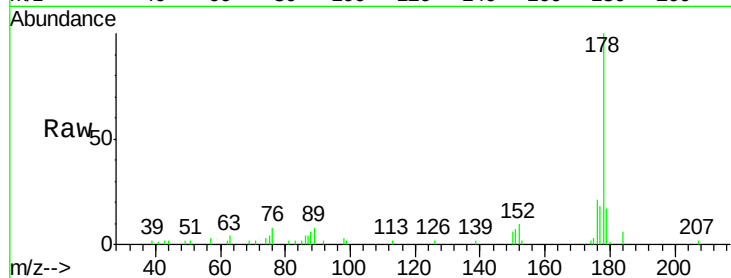
Tot Ion:178 Resp: 18510

Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.2

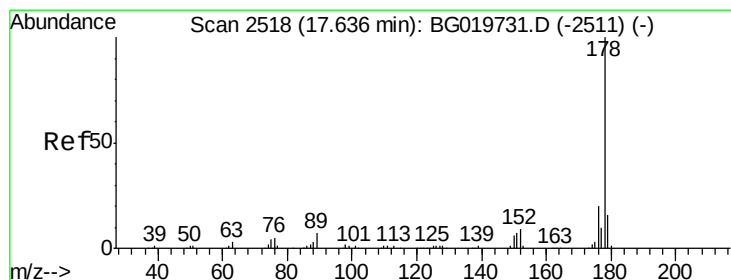
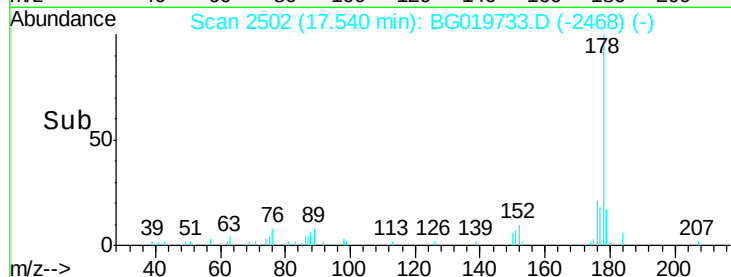
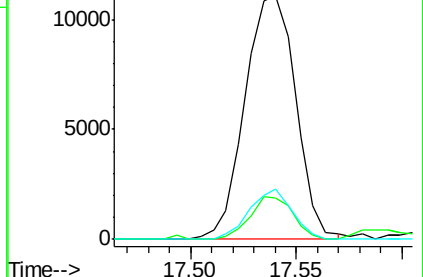
176 20.7 16.6 24.8



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



#72

Anthracene

Concen: 1.17 ng/ul

RT: 17.63 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

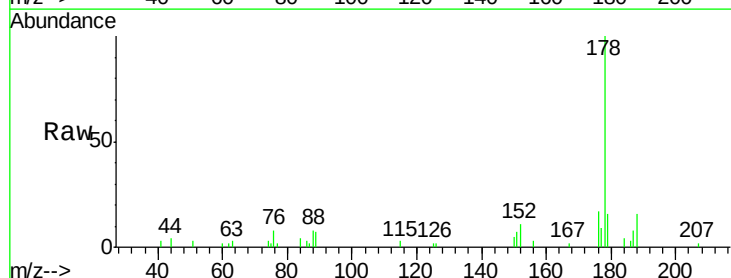
Tgt Ion:178 Resp: 11288

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

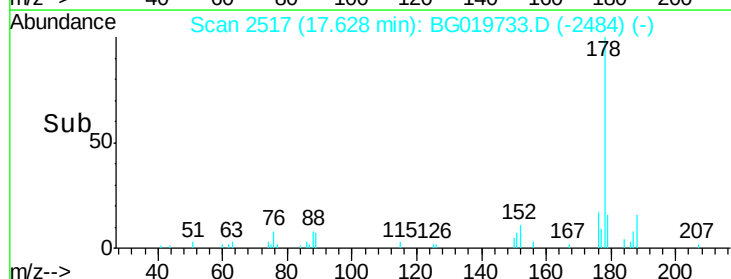
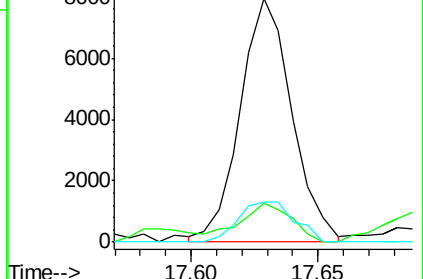
176 16.7 15.0 22.4

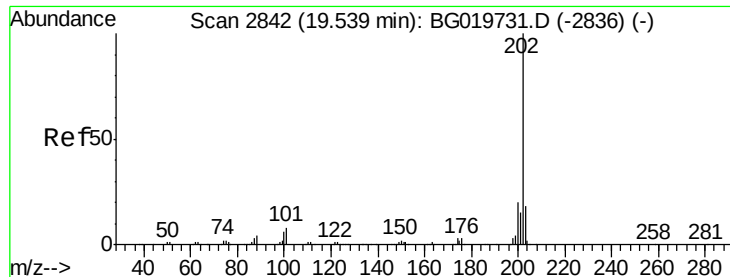


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 14.06 ng/ul

RT: 19.54 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Instrument :

BNA_G

ClientSampleId :

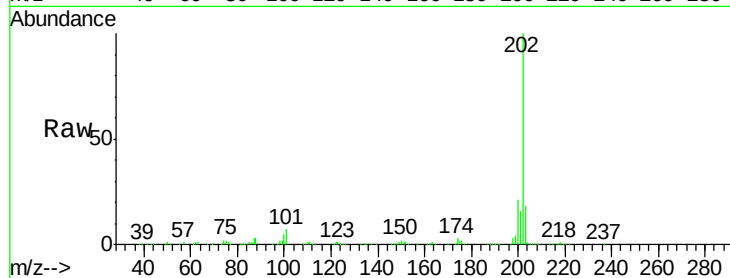
Tot Ion:202 Resp: 172111

Ion Ratio Lower Upper

202 100

101 7.1 5.2 7.8

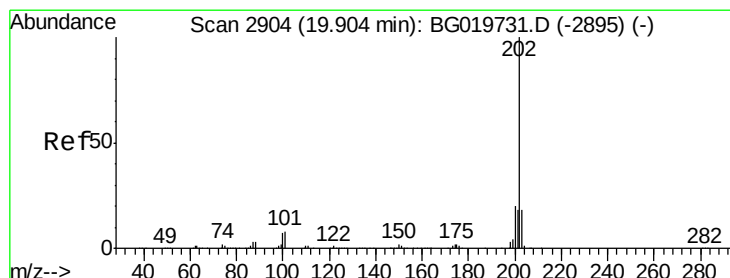
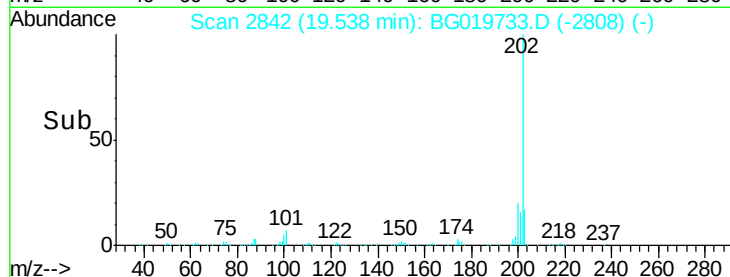
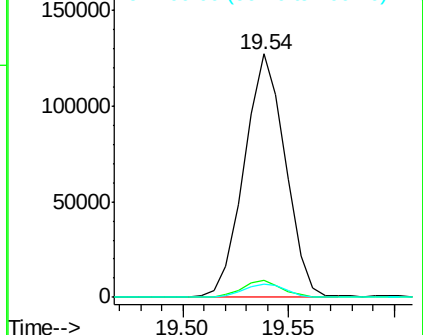
100 5.2 5.0 7.4



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): B



#80

Pyrene

Concen: 10.81 ng/ul

RT: 19.90 min Scan# 2904

Delta R.T. -0.00 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

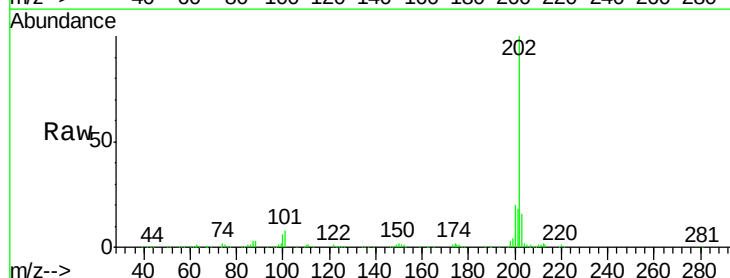
Tgt Ion:202 Resp: 148261

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.6

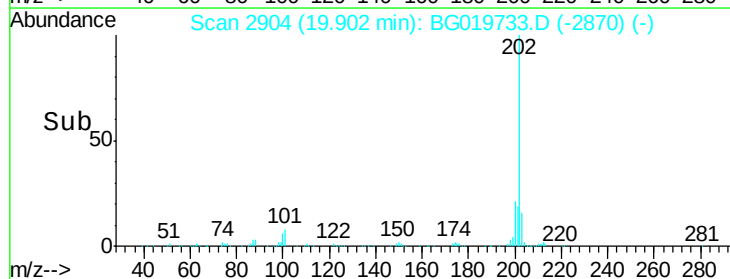
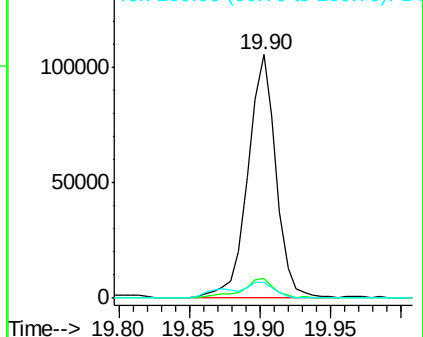
100 6.3 6.6 10.0#

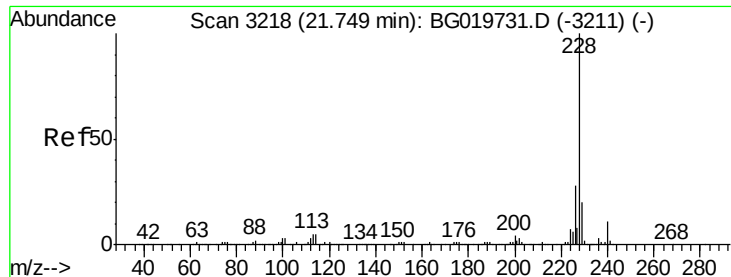


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

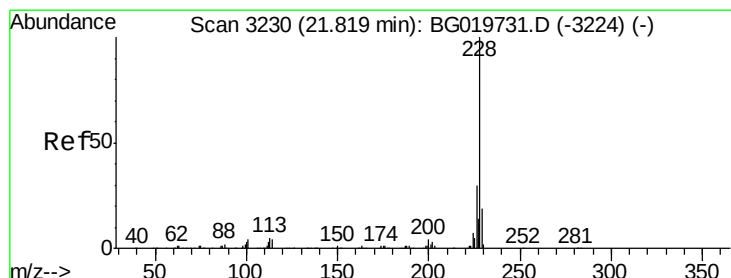
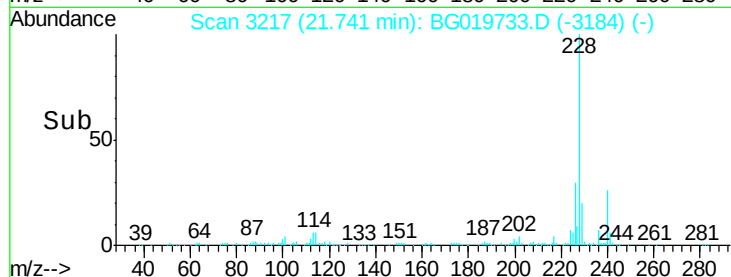
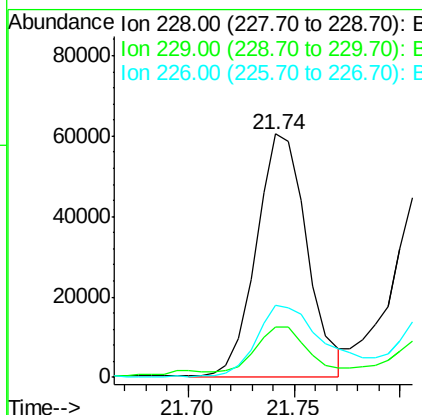
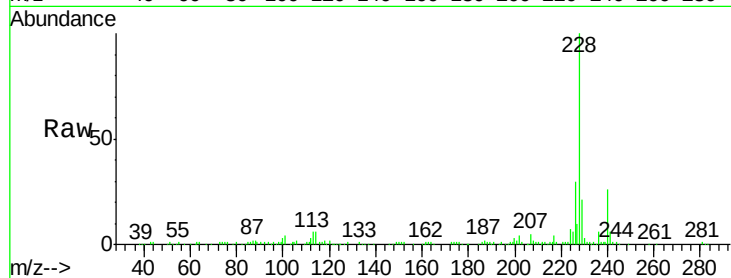




#83
Benzo(a)anthracene
Concen: 7.11 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

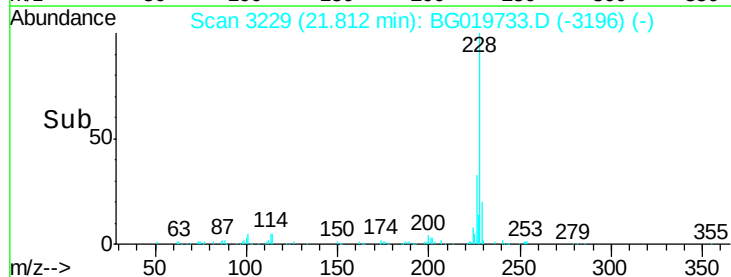
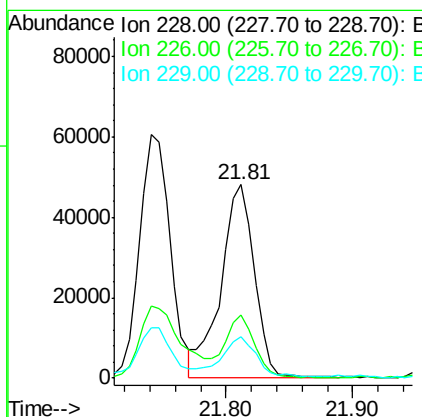
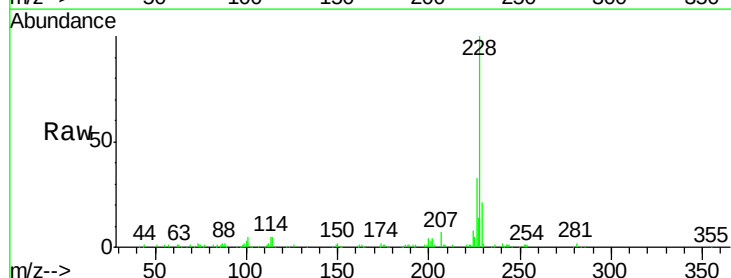
Instrument :
BNA_G
ClientSampleId :

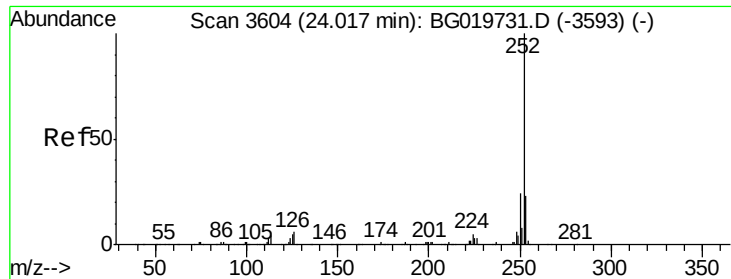
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	29.6	22.6	33.8



#85
Chrysene
Concen: 6.51 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.5	17.0	25.6

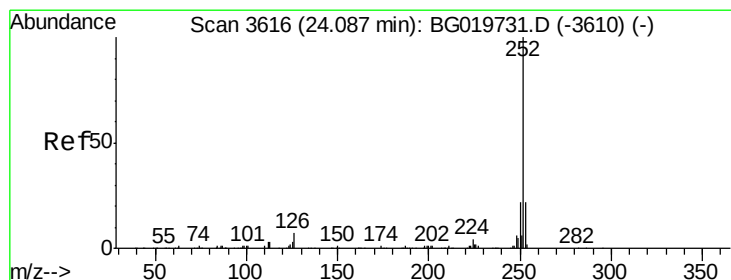
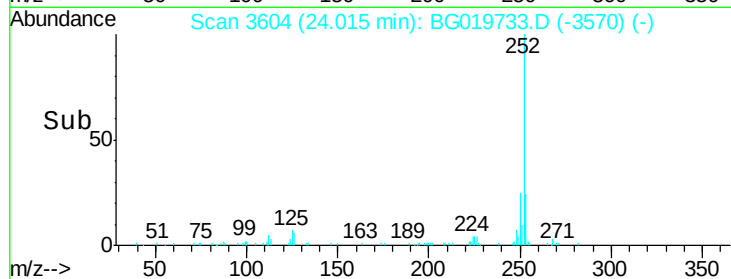
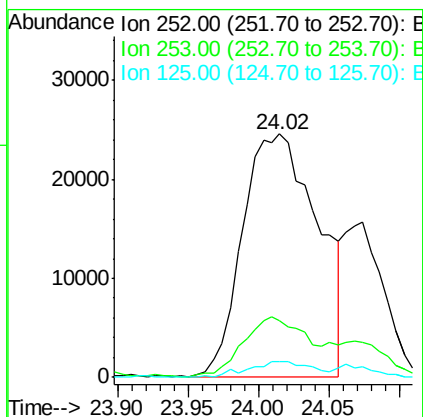
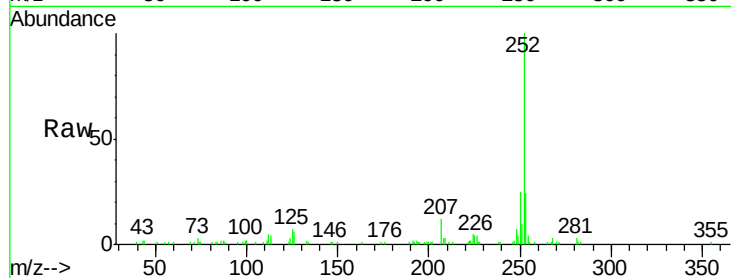




#88
Benzo(b)fluoranthene
Concen: 6.64 ng/ul
RT: 24.02 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

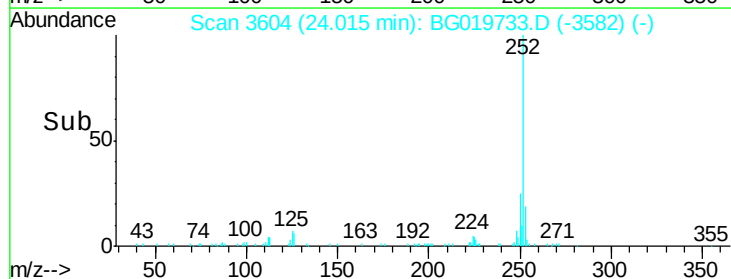
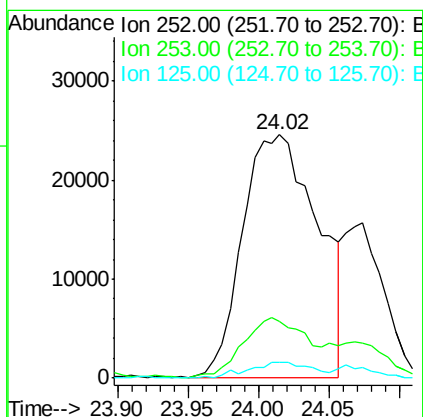
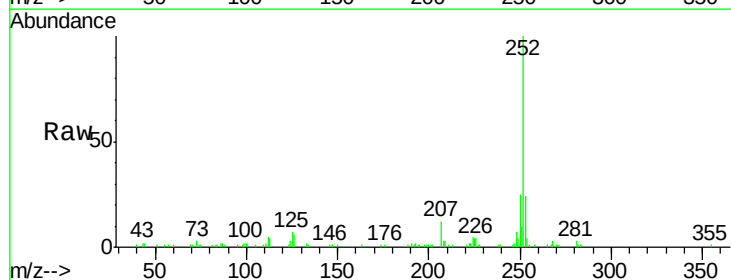
Instrument :
BNA_G
ClientSampleId :

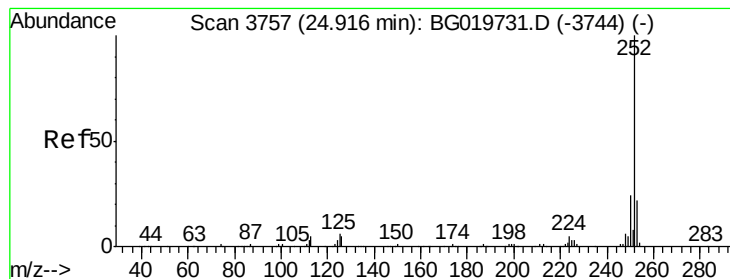
Tot Ion:252 Resp: 91762
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 6.6 4.2 6.4#



#89
Benzo(k)fluoranthene
Concen: 6.88 ng/ul
RT: 24.02 min Scan# 3604
Delta R.T. -0.07 min
Lab File: BG019733.D
Acq: 21 Nov 2015 00:00

Tgt Ion:252 Resp: 91762
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 6.6 4.4 6.6





#91

Benzo(a)pyrene

Concen: 5.61 ng/ul

RT: 24.90 min Scan# 3757

Delta R.T. -0.01 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Instrument :

BNA_G

ClientSampleId :

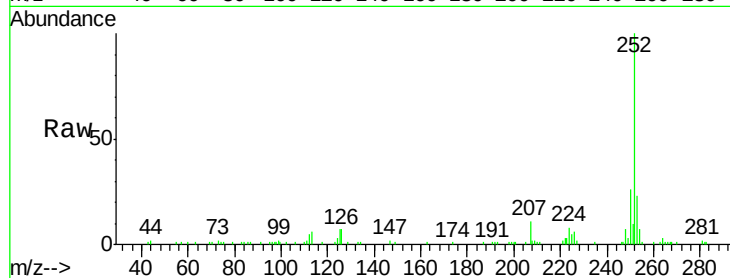
Tot Ion:252 Resp: 74666

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.9	25.3
125	7.3	5.4	8.0

252 100

253 22.8 16.9 25.3

125 7.3 5.4 8.0

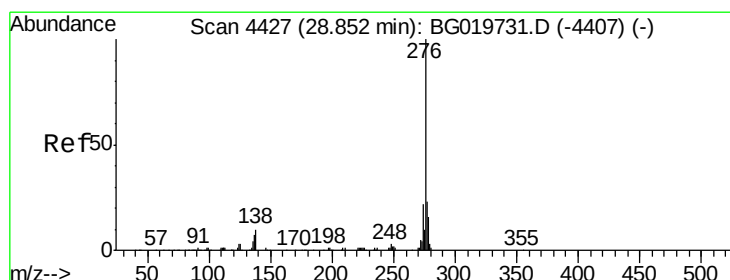
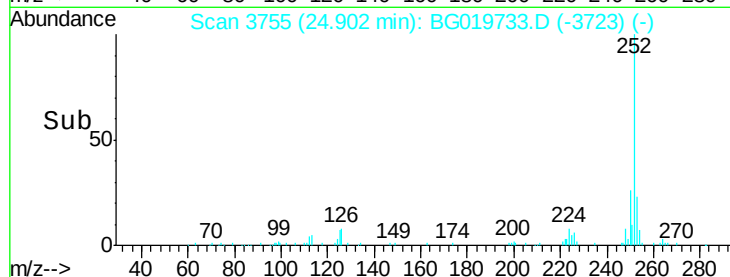
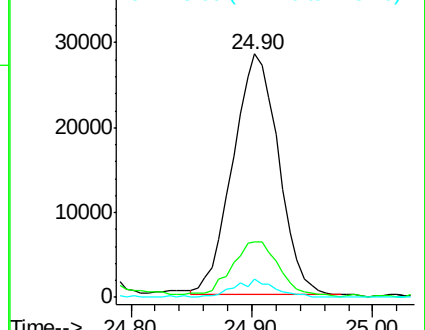


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.78 ng/ul

RT: 28.82 min Scan# 4422

Delta R.T. -0.03 min

Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

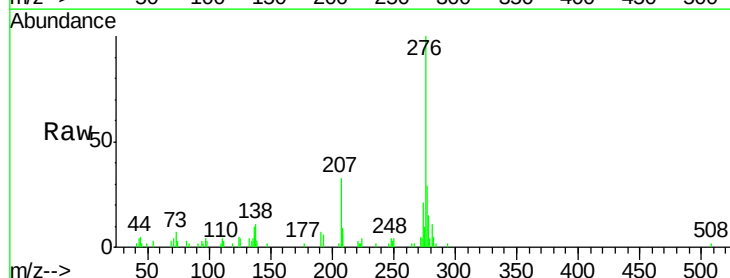
Tgt Ion:276 Resp: 26467

Ion	Ratio	Lower	Upper
276	100		
138	11.0	9.9	14.9
277	29.0	21.3	31.9

276 100

138 11.0 9.9 14.9

277 29.0 21.3 31.9

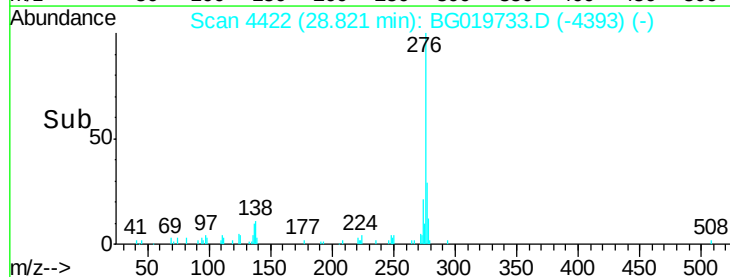
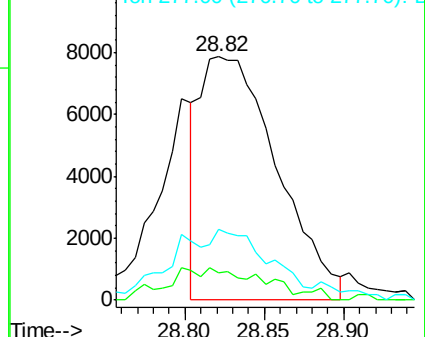


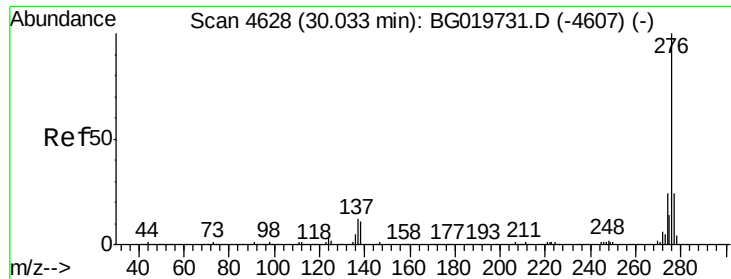
Abundance

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(a,h,i)perylene

Concen: 2.63 ng/ul

RT: 30.00 min Scan# 4623

Delta R.T. -0.03 min

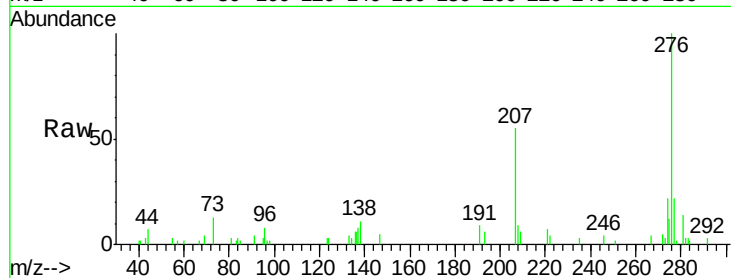
Lab File: BG019733.D

Acq: 21 Nov 2015 00:00

Instrument :

BNA_G

ClientSampleId :



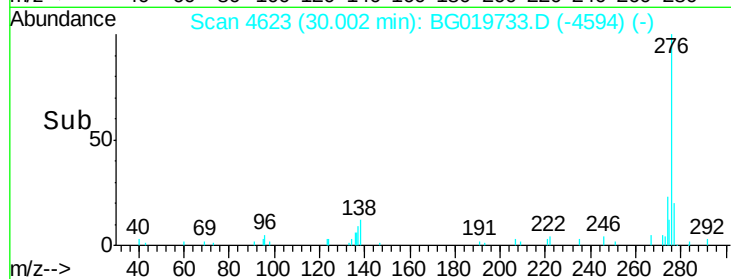
Tot Ion:276 Resp: 32494

Ion Ratio Lower Upper

276 100

138 11.4 9.2 13.8

277 22.3 18.6 28.0



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

