

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
 Data File : BG019343.D
 Acq On : 24 Oct 2015 19:45
 Operator : UM/NP
 Sample : G4058-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LR9

Quant Time: Oct 25 03:30:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 25 03:28:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	41066	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	173523	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	137541	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	354431	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	431174	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	412370	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	2872	3.88	ng/uL	0.00
5) Phenol-d5	7.37	99	89831	24.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	59029	27.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	58094	24.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	72825	25.85	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	32659	24.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	38048	25.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	79465	24.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	83239	25.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	288898	25.33	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	320309	25.38	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	25827	13.93	ng/ul	0.00
58) Fluorene-d10	15.85	176	263247	24.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	59423	25.47	ng/ul	0.00
71) Anthracene-d10	17.70	188	418590	25.79	ng/ul	0.00
79) Pyrene-d10	19.96	212	459995	24.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	523616	24.89	ng/ul	0.00

Target Compounds

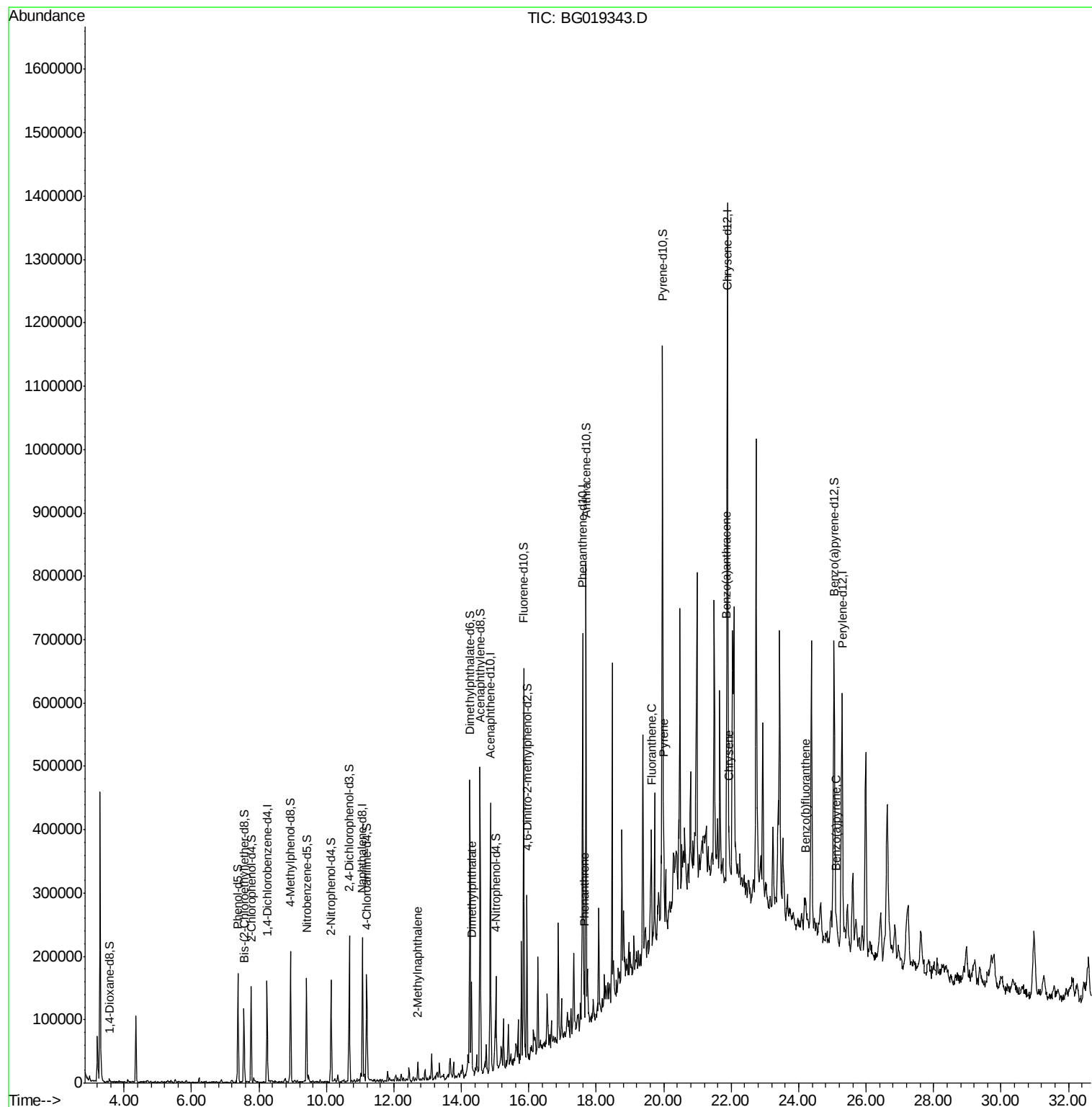
						Qvalue
34) 2-Methylnaphthalene	12.70	142	7350	1.02	ng/ul	91
45) Dimethylphthalate	14.30	163	84192	7.39	ng/ul#	96
70) Phenanthrene	17.64	178	46926	2.62	ng/ul#	90
77) Fluoranthene	19.64	202	77733	3.23	ng/ul#	98
80) Pyrene	19.99	202	81640	3.38	ng/ul#	93
83) Benzo(a)anthracene	21.86	228	52470	2.10	ng/ul#	83
85) Chrysene	21.93	228	65874	2.87	ng/ul	97
88) Benzo(b)fluoranthene	24.19	252	65683	2.61	ng/ul#	86
91) Benzo(a)pyrene	25.12	252	40289	1.72	ng/ul#	95

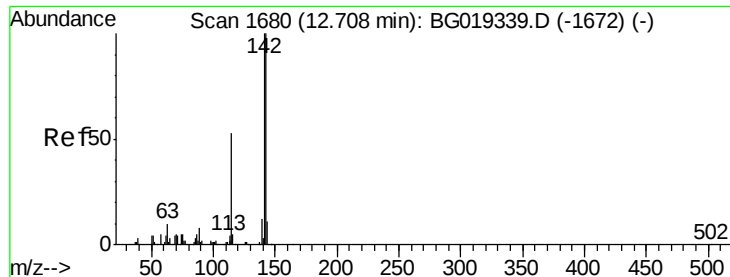
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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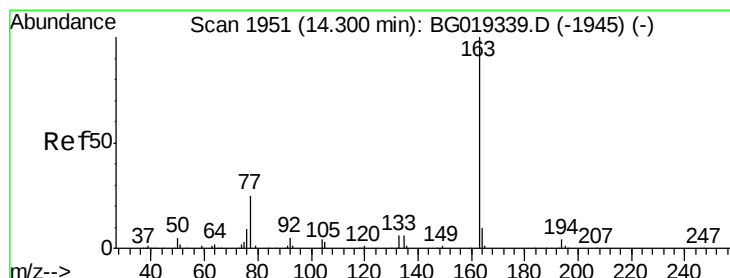
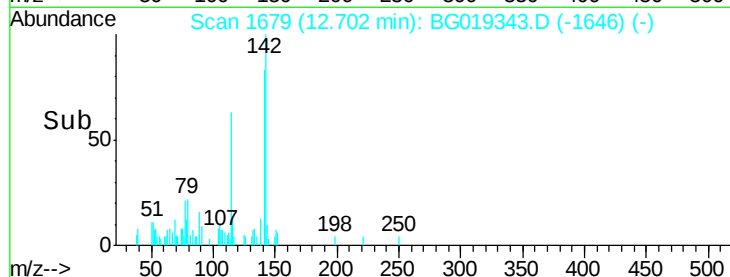
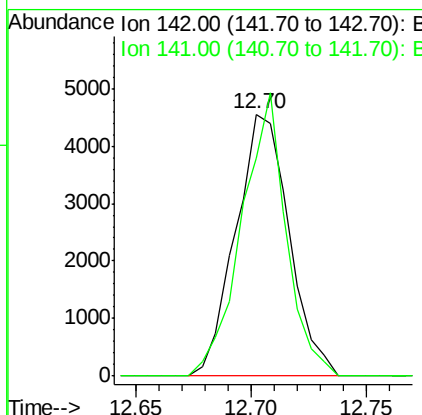
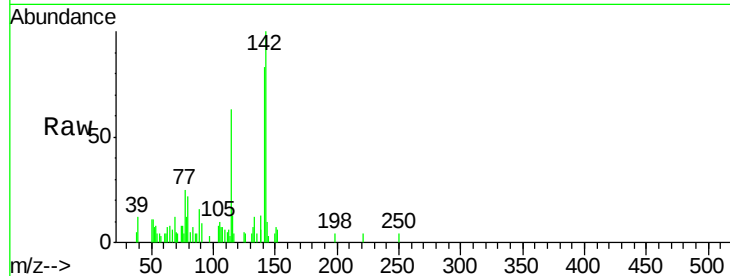




#34
2-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG019343.D
Acq: 24 Oct 2015 19:45

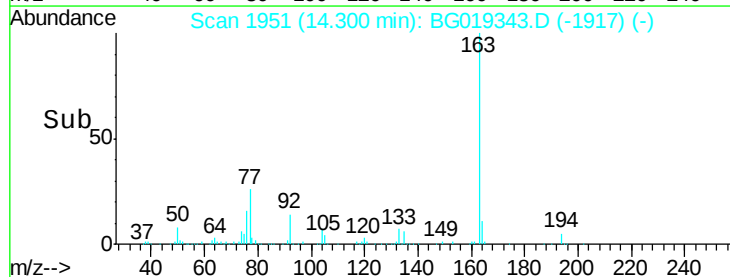
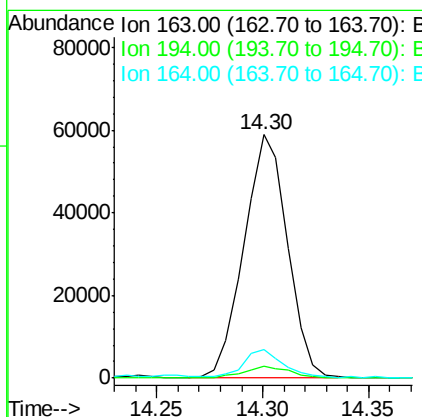
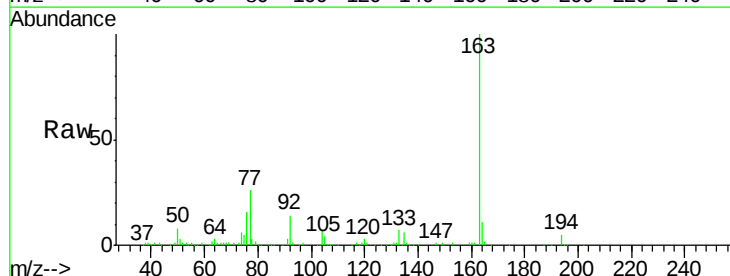
Instrument :
BNA_G
ClientSampleId :
E5LR9

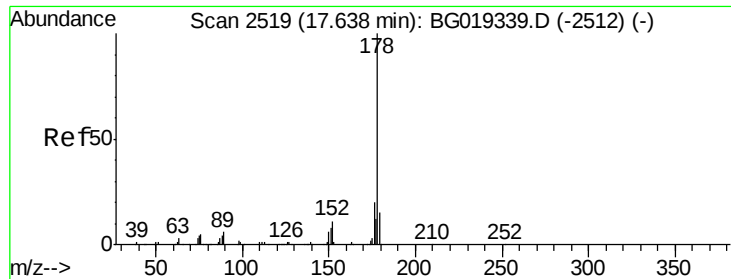
Tgt Ion:142 Resp: 7350
Ion Ratio Lower Upper
142 100
141 83.0 73.4 110.2



#45
Dimethylphthalate
Concen: 7.39 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG019343.D
Acq: 24 Oct 2015 19:45

Tgt Ion:163 Resp: 84192
Ion Ratio Lower Upper
163 100
194 4.8 4.3 6.5
164 11.5 7.5 11.3#





#70

Phenanthrene

Concen: 2.62 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

Instrument :

BNA_G

ClientSampleId :

E5LR9

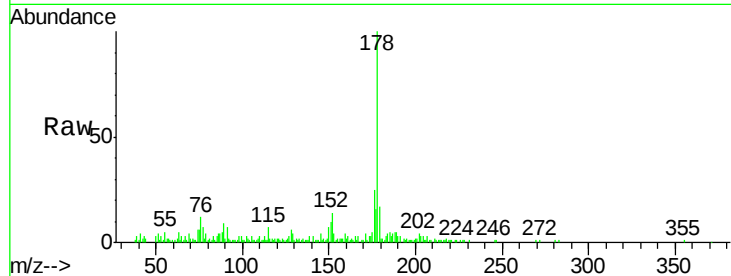
Tgt Ion:178 Resp: 46926

Ion Ratio Lower Upper

178 100

179 17.2 12.6 18.8

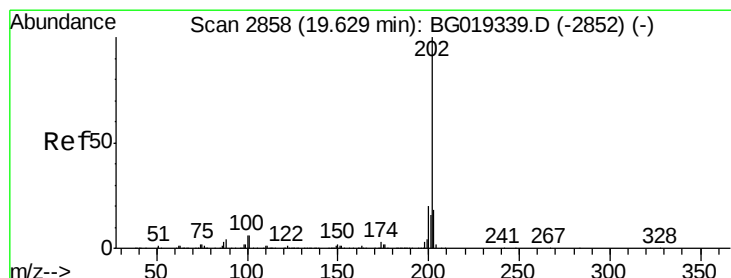
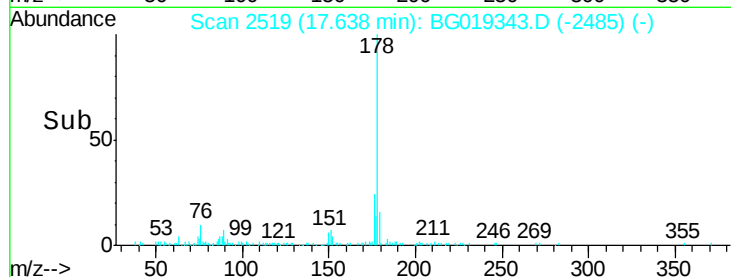
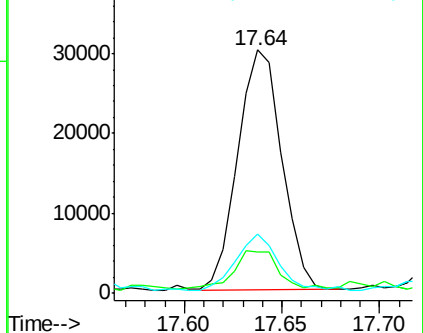
176 24.6 14.3 21.5#



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: 3.23 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

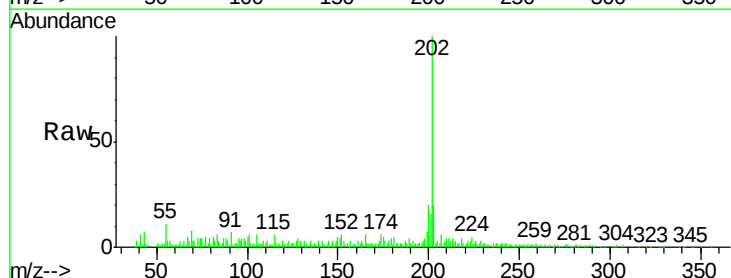
Tgt Ion:202 Resp: 77733

Ion Ratio Lower Upper

202 100

101 6.3 4.0 6.0#

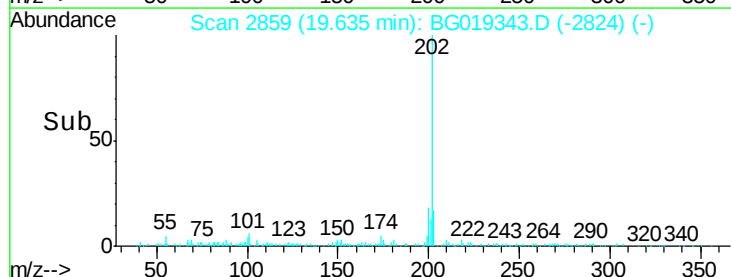
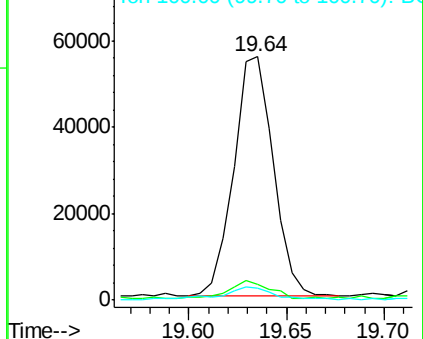
100 4.7 3.6 5.4

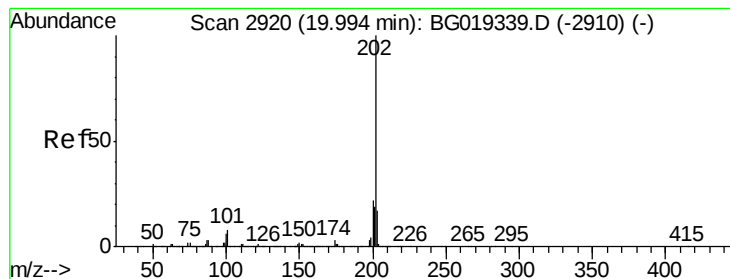


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 3.38 ng/ul

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

Instrument :

BNA_G

ClientSampleId :

E5LR9

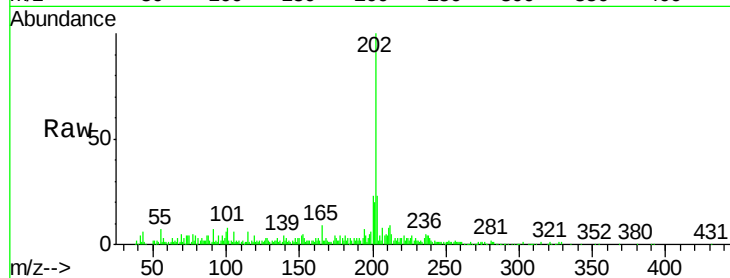
Tgt Ion:202 Resp: 81640

Ion Ratio Lower Upper

202 100

101 8.1 4.3 6.5#

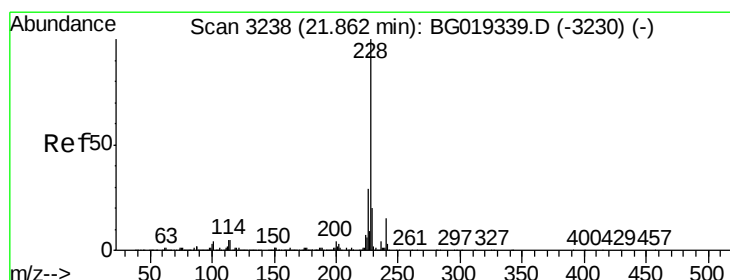
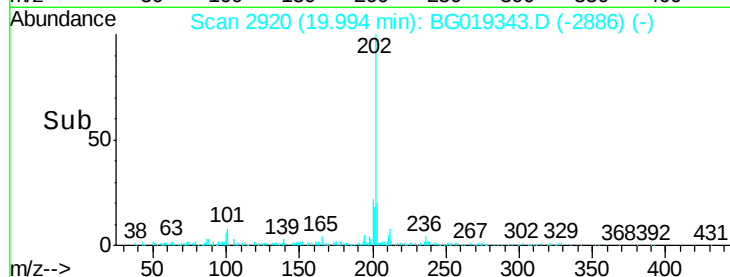
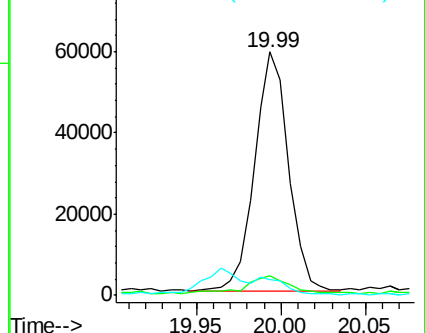
100 6.4 3.6 5.4#



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



#83

Benzo(a)anthracene

Concen: 2.10 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

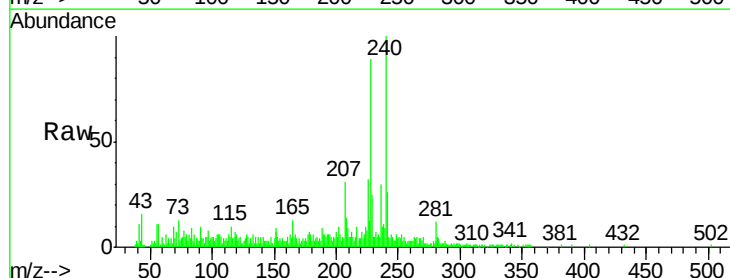
Tgt Ion:228 Resp: 52470

Ion Ratio Lower Upper

228 100

229 28.4 15.8 23.8#

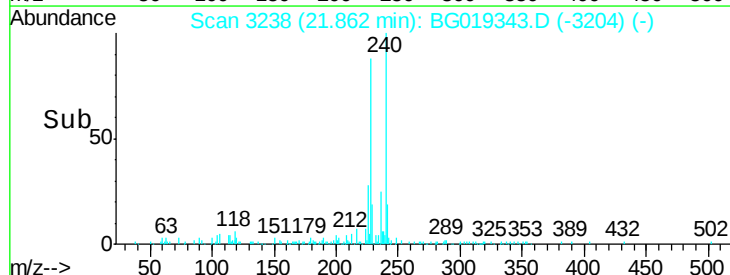
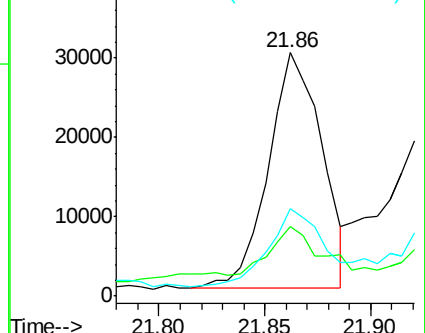
226 35.7 21.8 32.6#

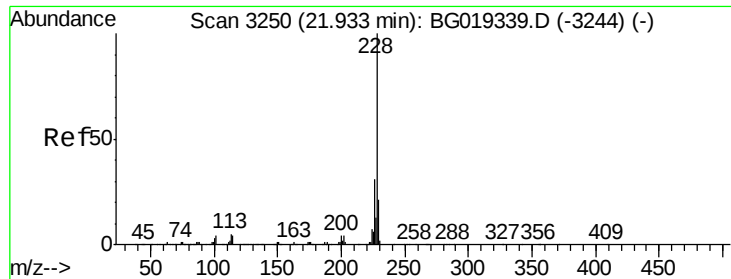


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.87 ng/ul

RT: 21.93 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

Instrument :

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E5LR9

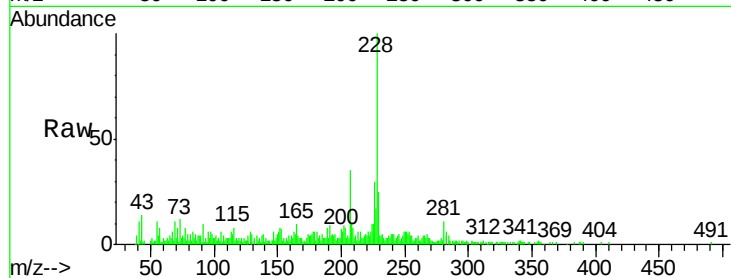
Tgt Ion:228 Resp: 65874

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

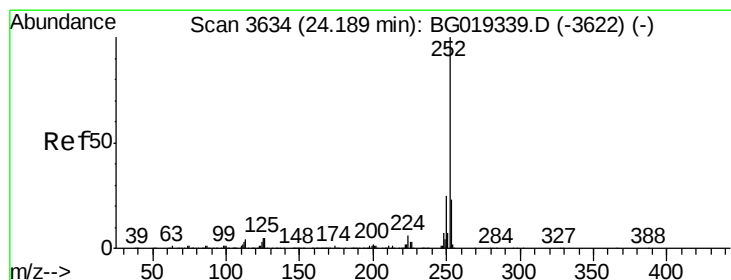
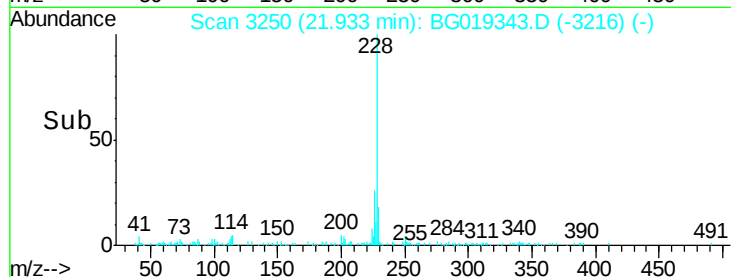
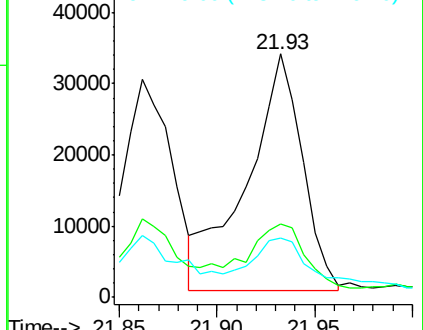
229 24.6 17.3 25.9



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: 2.61 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. 0.01 min

Lab File: BG019343.D

Acq: 24 Oct 2015 19:45

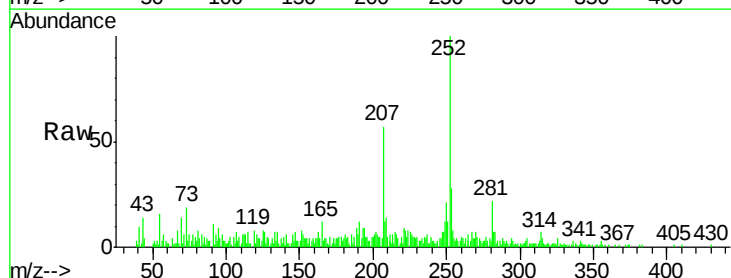
Tgt Ion:252 Resp: 65683

Ion Ratio Lower Upper

252 100

253 27.6 17.1 25.7#

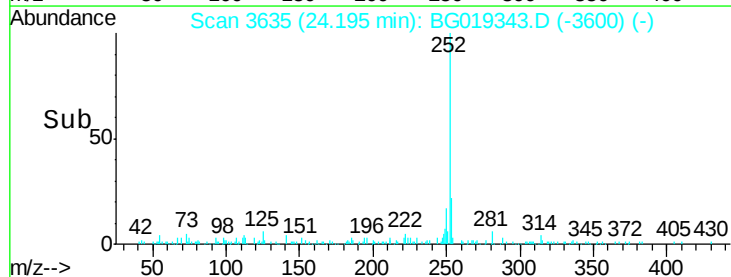
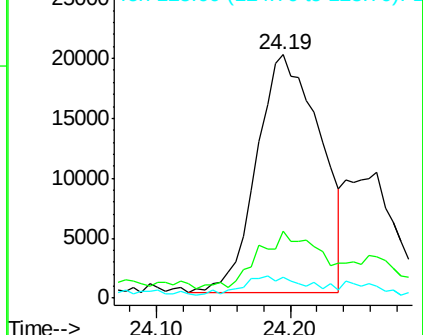
125 8.5 2.5 3.7#

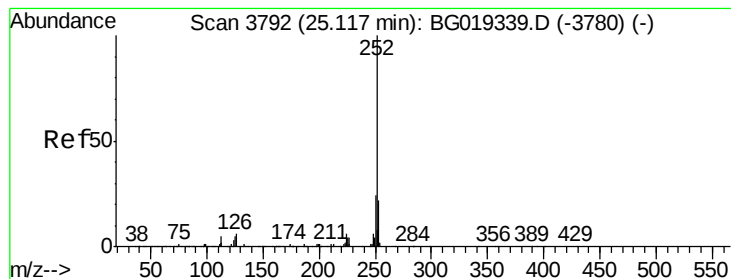


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.72 ng/ul

RT: 25.12 min Scan# 3792

Delta R.T. -0.00 min

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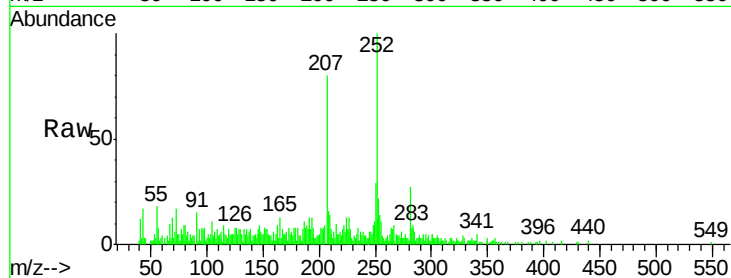
Tgt Ion:252 Resp: 40289

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

125 7.9 3.3 4.9#



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

