

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011691.D
 Acq On : 22 Sep 2017 14:01
 Operator : SJ/JU
 Sample : I5284-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 23:54:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	459897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2052539	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1109615	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2291834	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1566941	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1495285	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	11120	1.09	ng/uL	0.00
5) Phenol-d5	7.11	99	306596	6.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	274364	9.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	265300	7.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	210949	6.12	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	147998	9.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	110080	6.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	216381	6.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	25154	0.70	ng/ul	0.01
44) Dimethylphthalate-d6	13.99	166	711865	7.59	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1097402	9.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	14125	0.80	ng/ul	0.01
58) Fluorene-d10	15.58	176	760678	9.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	20512	1.54	ng/ul	0.00
71) Anthracene-d10	17.43	188	1069118	9.47	ng/ul	0.00
79) Pyrene-d10	19.72	212	1039356	14.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	672844	9.44	ng/ul	0.00

Target Compounds

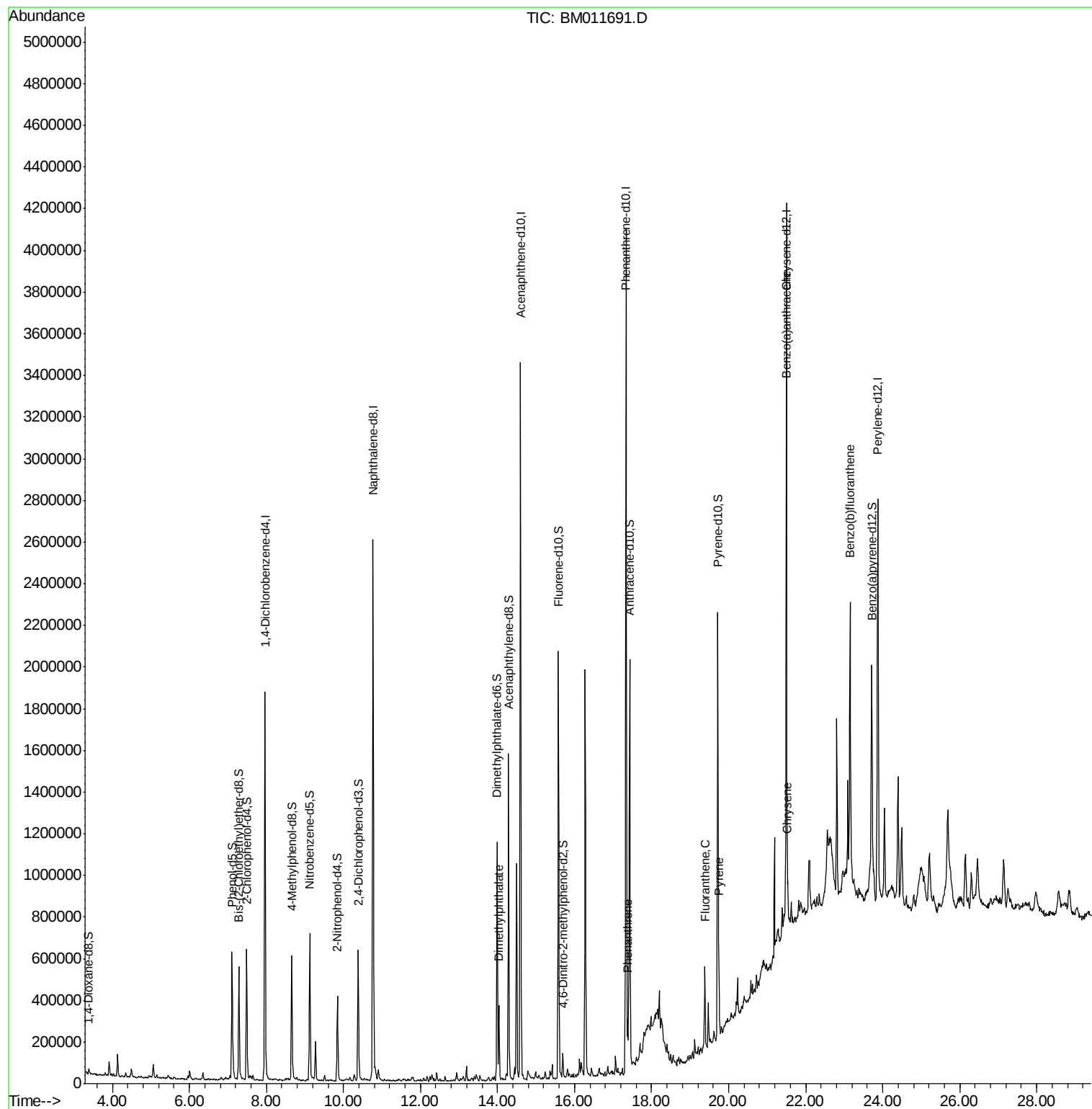
					Ovalue	
45) Dimethylphthalate	14.04	163	199038	2.216	ng/ul#	98
70) Phenanthrene	17.37	178	143557	1.124	ng/ul	99
77) Fluoranthene	19.39	202	241835	1.841	ng/ul#	91
80) Pyrene	19.74	202	204360	2.235	ng/ul#	85
83) Benzo(a)anthracene	21.49	228	102634	1.190	ng/ul	98
85) Chrysene	21.54	228	87040	1.113	ng/ul	94
88) Benzo(b)fluoranthene	23.15	252	109235	1.214	ng/ul#	67

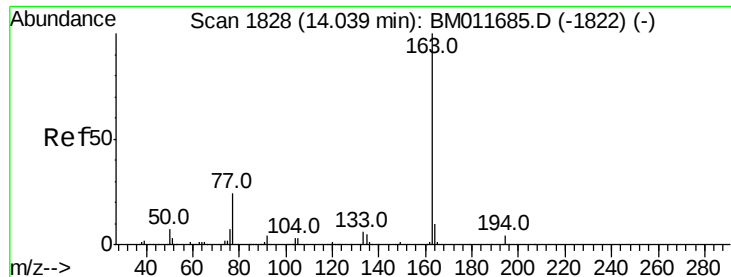
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.216 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM011691.D

Acq: 22 Sep 2017 14:01

Instrument :

BNA_M

ClientSampleId :

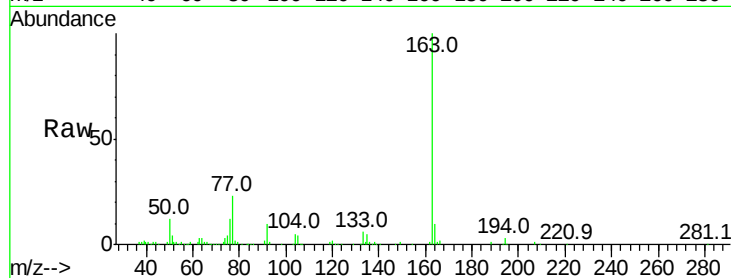
Tot Ion:163 Resp: 199038

Ion Ratio Lower Upper

163 100

194 3.4 4.0 6.0#

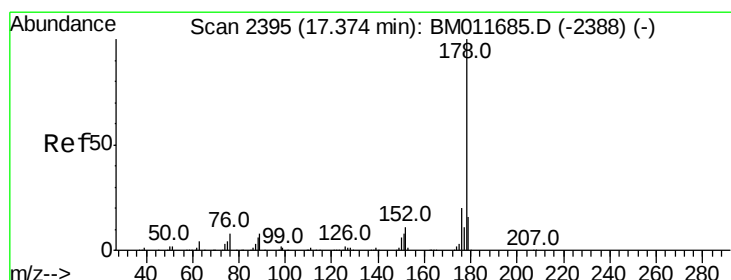
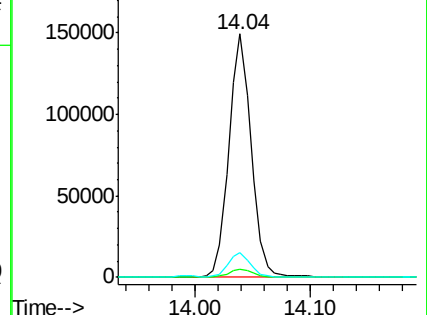
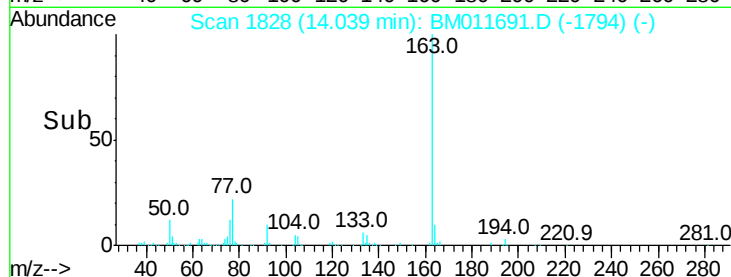
164 10.3 8.4 12.6



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: 1.124 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM011691.D

Acq: 22 Sep 2017 14:01

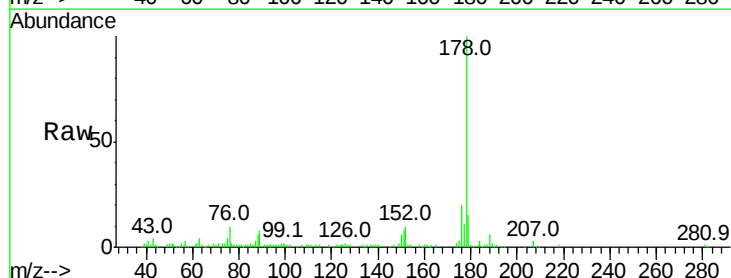
Tgt Ion:178 Resp: 143557

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

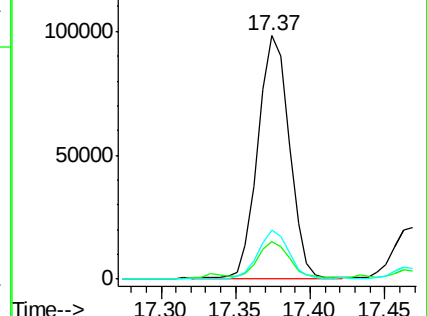
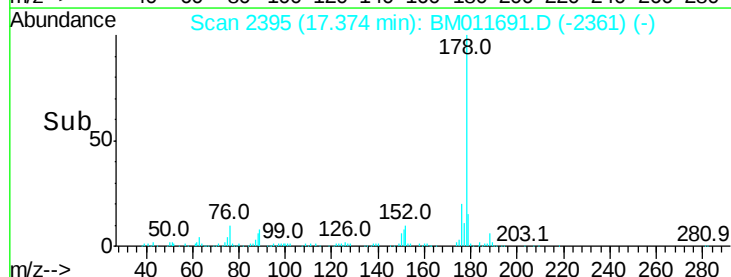
176 20.1 15.4 23.0

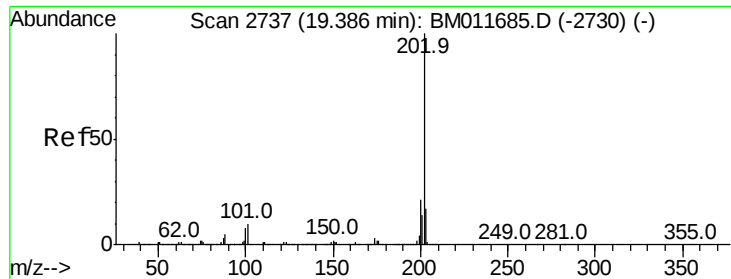


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

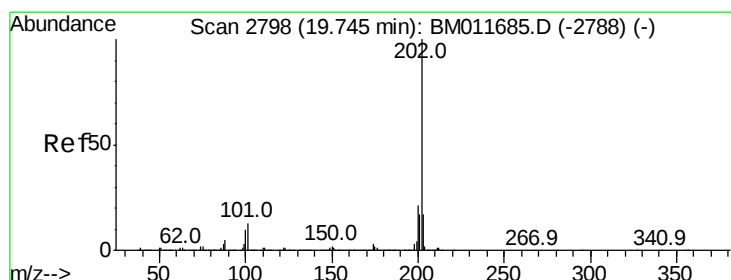
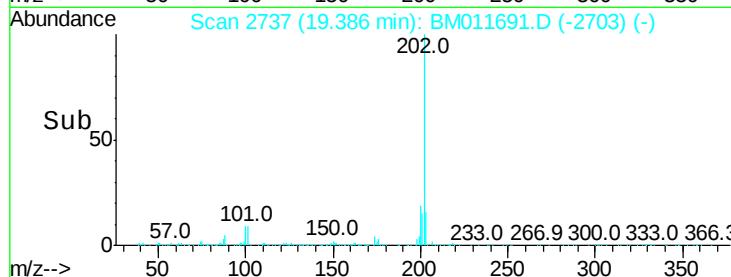
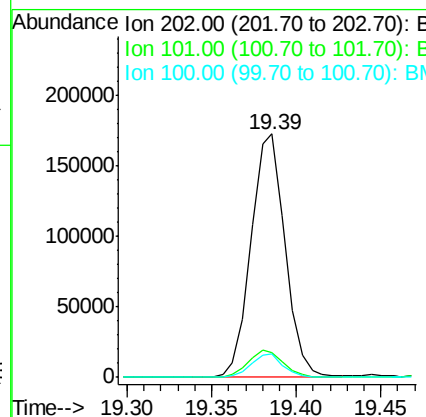
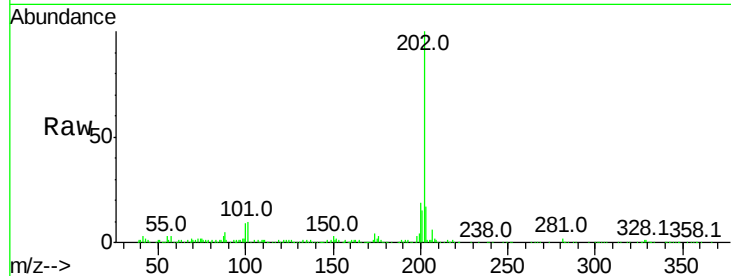




#77
Fluoranthene
 Concen: 1.841 ng/ul
 RT: 19.39 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM011691.D
 Acq: 22 Sep 2017 14:01

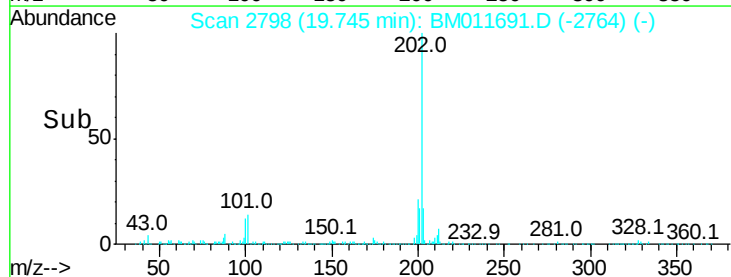
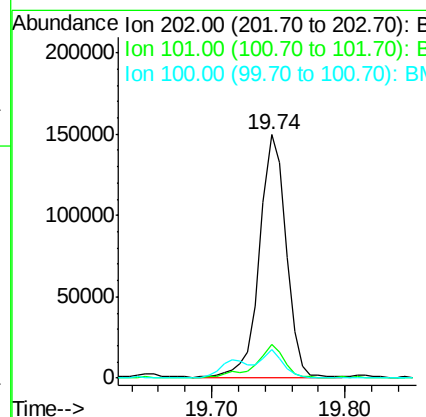
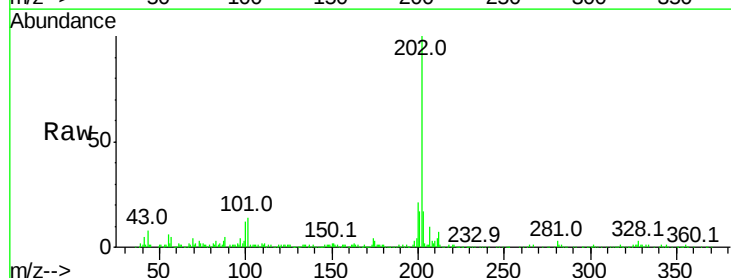
Instrument :
 BNA_M
 ClientSampleId :

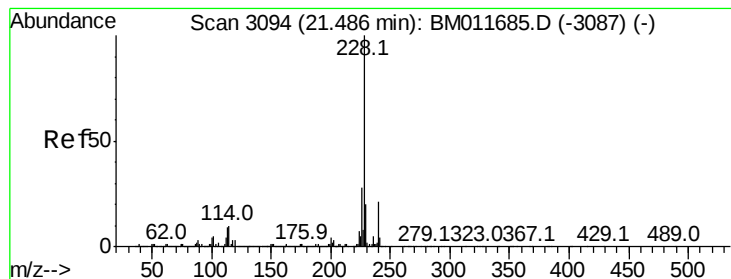
Tot Ion	Ratio	Resp	Lower	Upper
202	100	241835		
101	10.1		6.1	9.1#
100	9.4		4.6	7.0#



#80
Pyrene
 Concen: 2.235 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011691.D
 Acq: 22 Sep 2017 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	204360		
101	14.1		6.9	10.3#
100	11.7		5.6	8.4#





#83

Benzo(a)anthracene

Concen: 1.190 ng/ul

RT: 21.49 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM011691.D

Acq: 22 Sep 2017 14:01

Instrument :

BNA_M

ClientSampled :

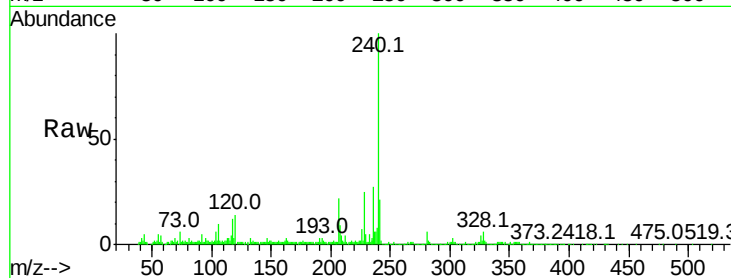
Tot Ion:228 Resp: 102634

Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

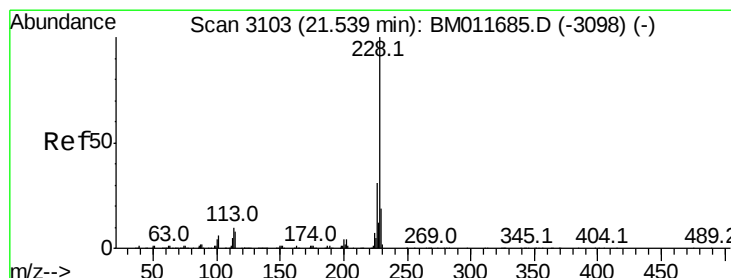
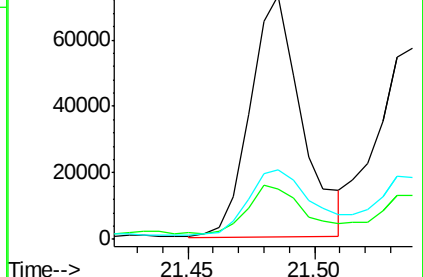
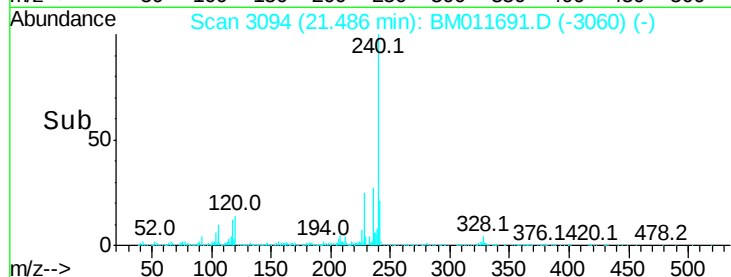
226 28.4 21.8 32.8



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: 1.113 ng/ul

RT: 21.54 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM011691.D

Acq: 22 Sep 2017 14:01

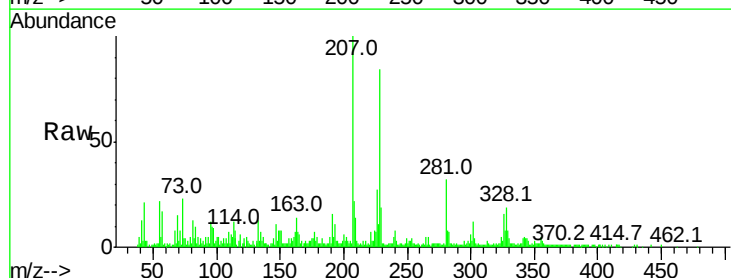
Tgt Ion:228 Resp: 87040

Ion Ratio Lower Upper

228 100

226 32.6 24.1 36.1

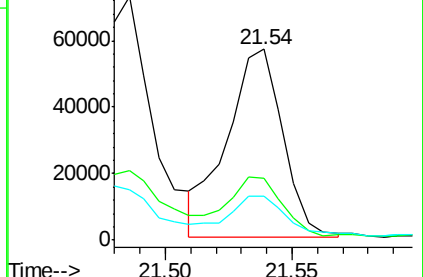
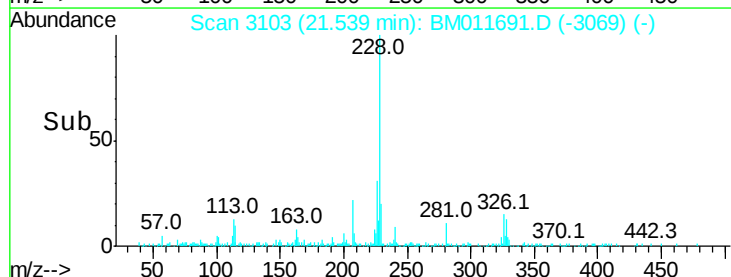
229 23.1 16.0 24.0

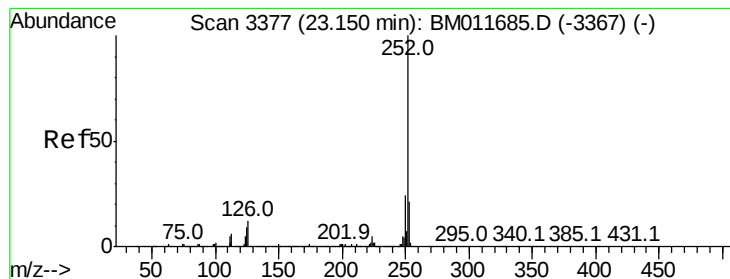


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.214 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011691.D

Acq: 22 Sep 2017 14:01

Instrument :

BNA_M

ClientSampleId :

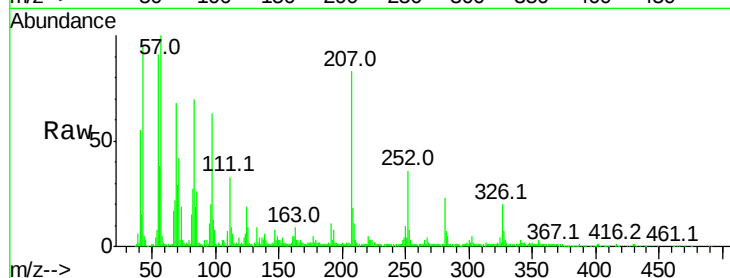
Tot Ion:252 Resp: 109235

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 52.5 4.9 7.3#



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

