

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010646.D
 Acq On : 22 Jun 2017 05:02
 Operator : SJ/JU
 Sample : I3558-13ME 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C86MEDL

Quant Time: Jun 22 06:49:57 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 01:38:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	69786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	319977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	223479	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	562919	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	684845	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	554088	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	8816	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	4874	1.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	6628	1.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	8190	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	4056	1.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	4001	1.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7860	1.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	10133	1.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	34527	1.76	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	37150	1.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	3281	0.95	ng/ul	-0.01
57) Fluorene-d10	15.12	176	29609	1.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	3586	1.04	ng/ul	0.00
70) Anthracene-d10	16.96	188	48264	1.78	ng/ul	0.00
76) Pyrene-d10	19.27	212	58912	1.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	45577	1.70	ng/ul	0.00

Target Compounds

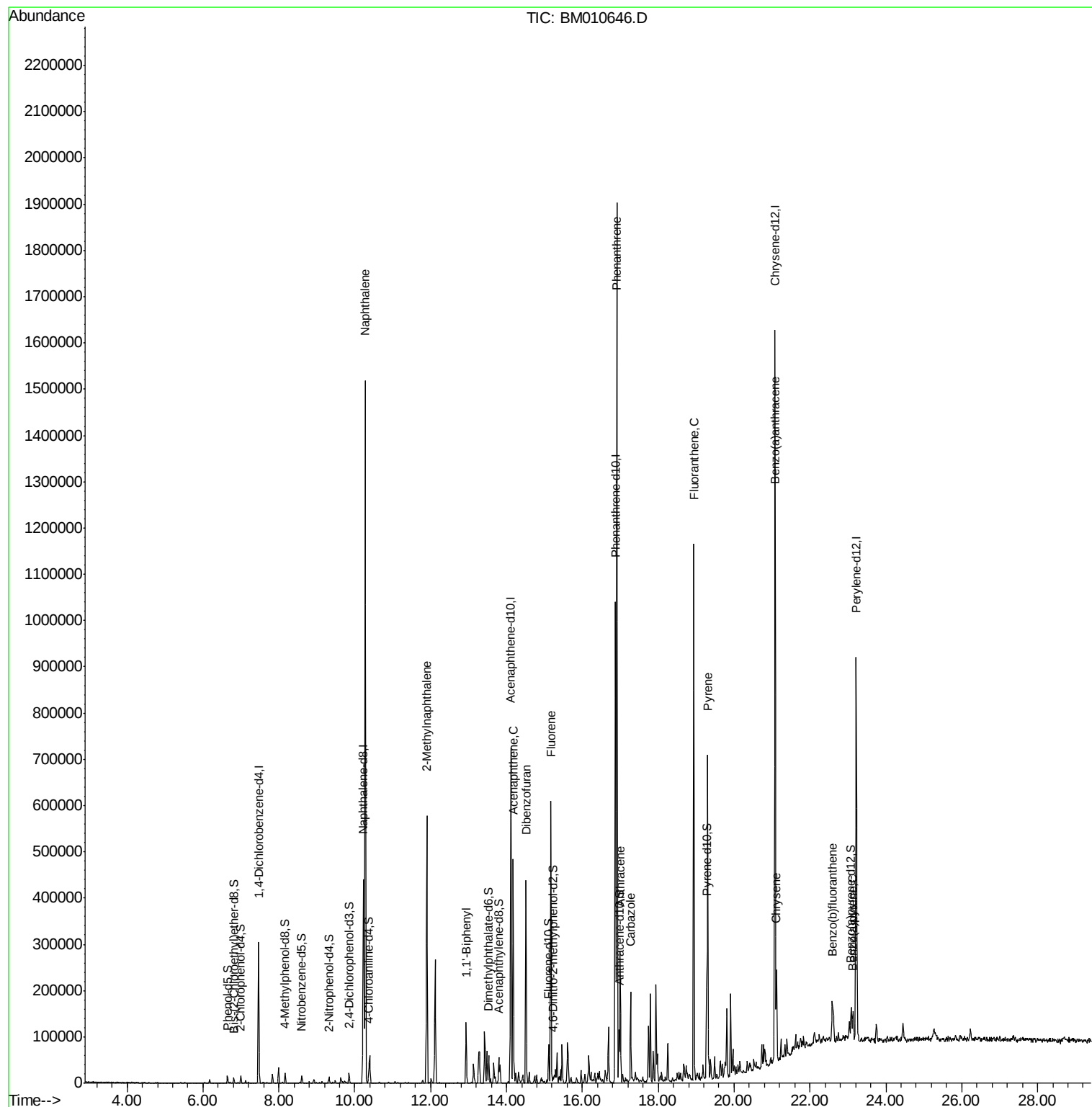
						Qvalue
28) Naphthalene	10.27	128	1078921	67.757	ng/ul	100
34) 2-Methylnaphthalene	11.90	142	234748	18.339	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	63490	3.634	ng/ul	93
49) Acenaphthene	14.18	153	177058	12.077	ng/ul	94
53) Dibenzofuran	14.52	168	236067	10.632	ng/ul	93
58) Fluorene	15.17	166	228916	12.314	ng/ul	98
69) Phenanthrene	16.91	178	1031807	34.478	ng/ul	98
71) Anthracene	17.00	178	164087	5.322	ng/ul	99
72) Carbazole	17.27	167	108191	4.022	ng/ul	98
74) Fluoranthene	18.94	202	640960	16.619	ng/ul#	95
77) Pyrene	19.30	202	426399	10.779	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	136841	3.431	ng/ul	99
82) Chrysene	21.12	228	107923	3.035	ng/ul	93
85) Benzo(b)fluoranthene	22.59	252	73138	2.033	ng/ul	98
88) Benzo(a)pyrene	23.12	252	40573	1.225	ng/ul	99

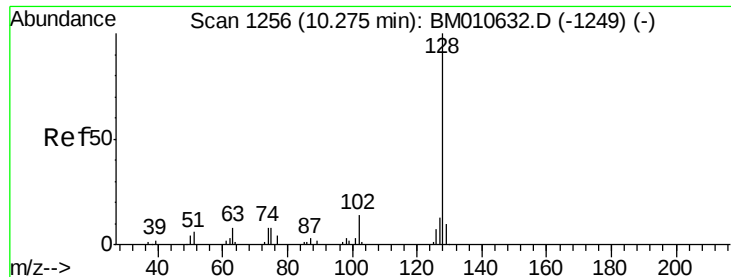
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010646.D
Acq On : 22 Jun 2017 05:02
Operator : SJ/JU
Sample : I3558-13ME 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

Quant Time: Jun 22 06:49:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 67.757 ng/ul

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL

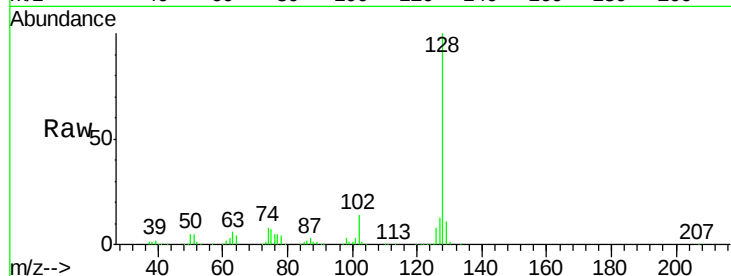
Tgt Ion:128 Resp: 1078921

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

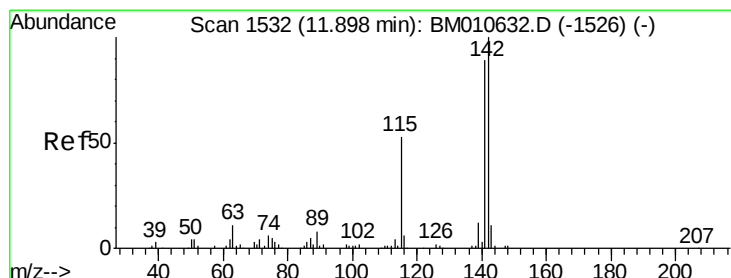
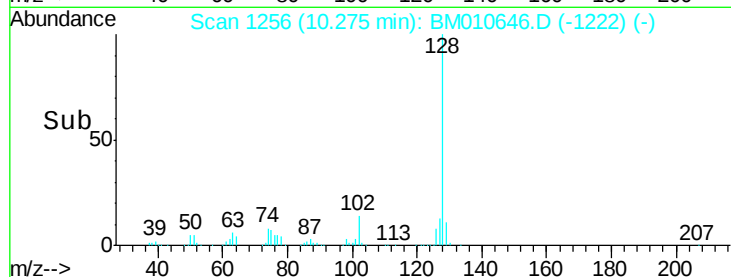
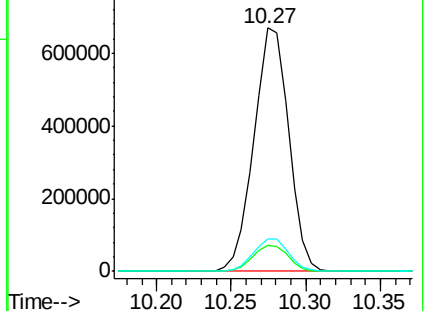
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 18.339 ng/ul

RT: 11.90 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BM010646.D

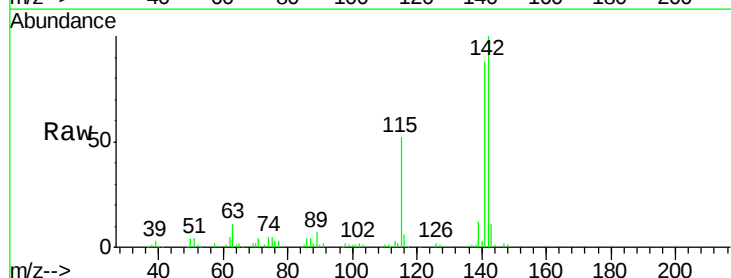
Acq: 22 Jun 2017 05:02

Tgt Ion:142 Resp: 234748

Ion Ratio Lower Upper

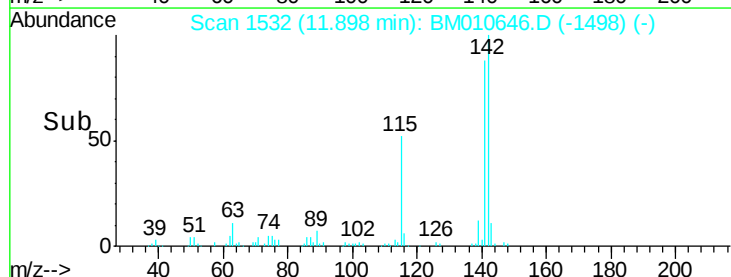
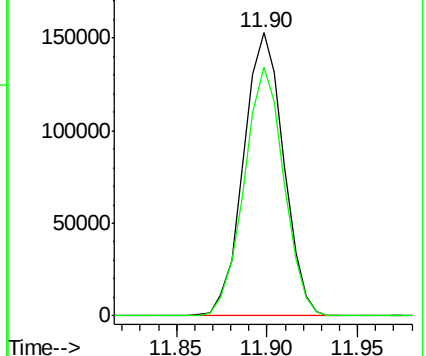
142 100

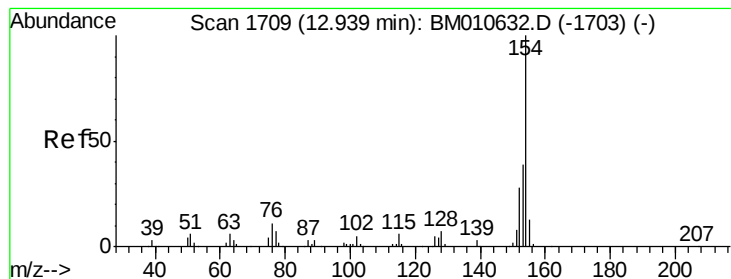
141 87.9 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 3.634 ng/ul

RT: 12.93 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL

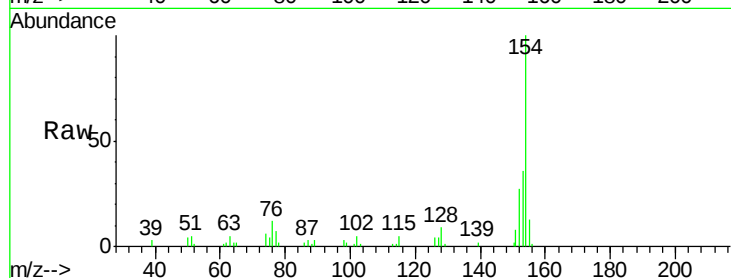
Tgt Ion:154 Resp: 63490

Ion Ratio Lower Upper

154 100

153 35.7 32.6 48.8

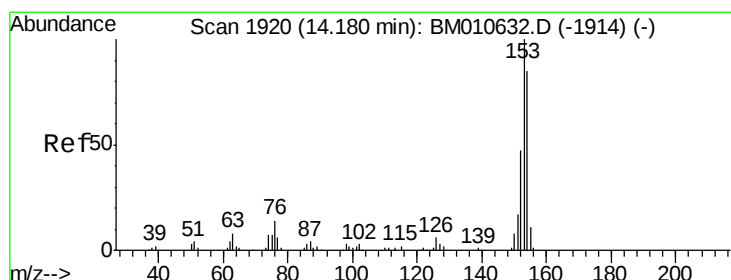
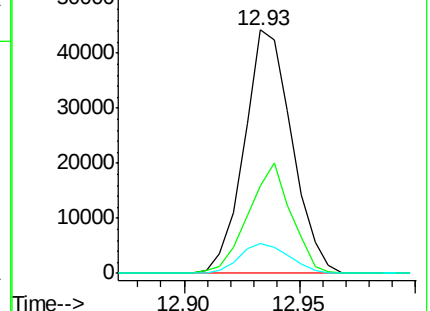
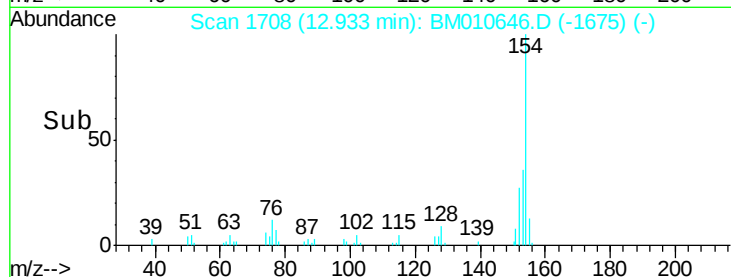
76 12.2 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#49

Acenaphthene

Concen: 12.077 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

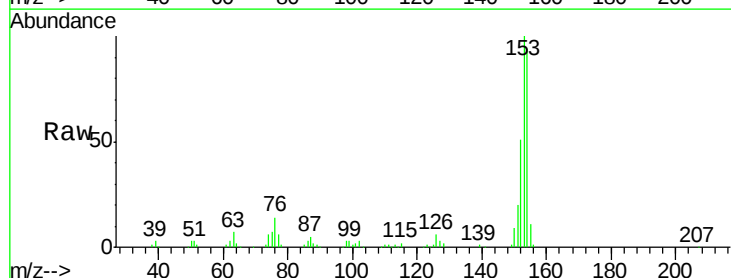
Tgt Ion:153 Resp: 177058

Ion Ratio Lower Upper

153 100

152 50.6 37.6 56.4

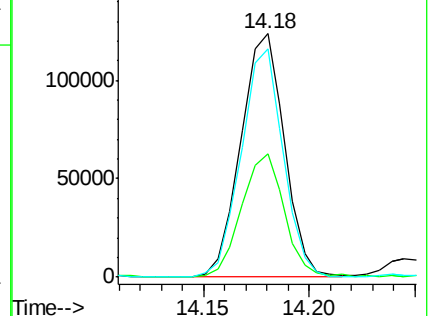
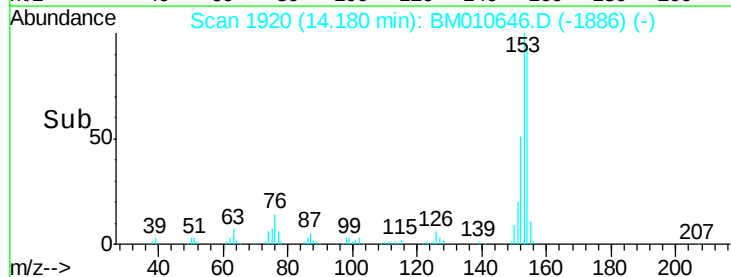
154 93.7 70.4 105.6

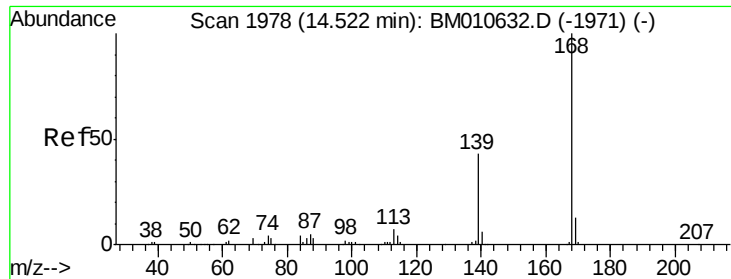


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

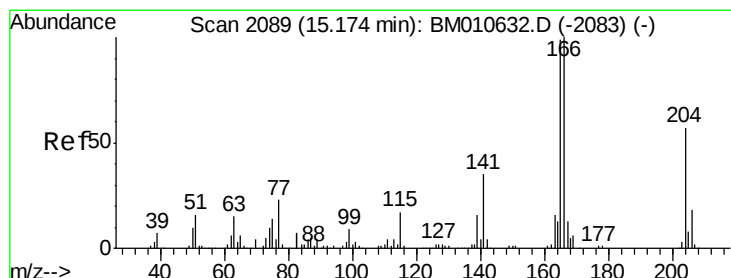
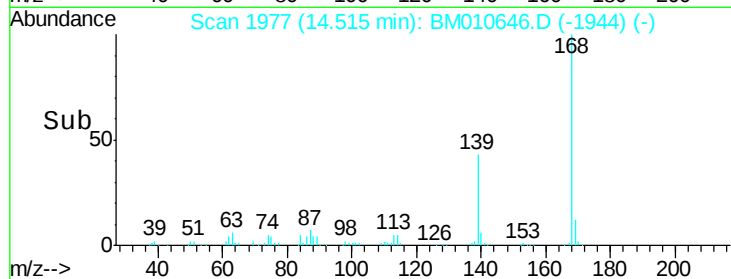
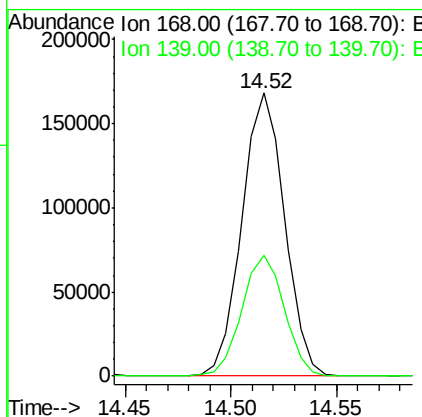
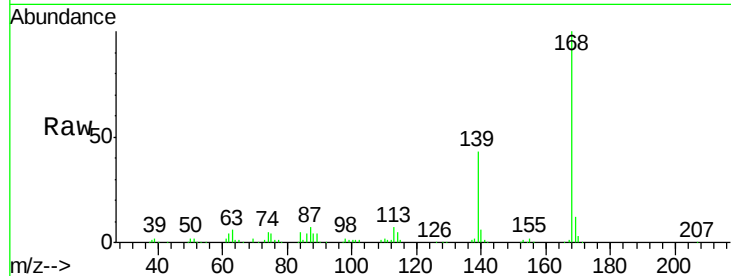




#53
Dibenzenofuran
Concen: 10.632 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

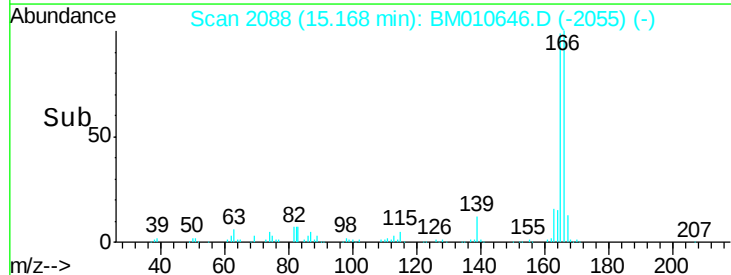
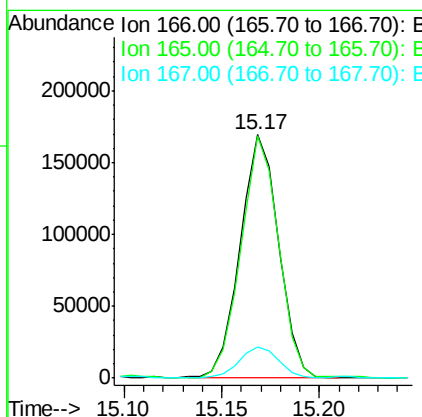
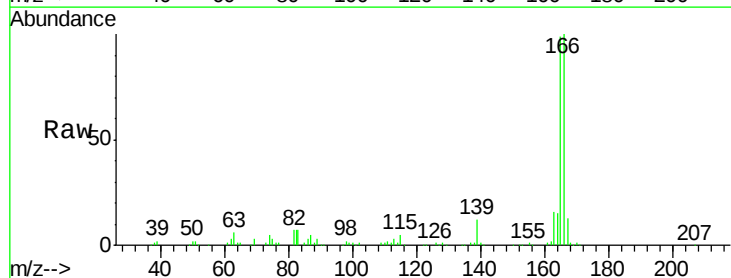
Instrument :
BNA_M
ClientSampleId :
F5C86MEDL

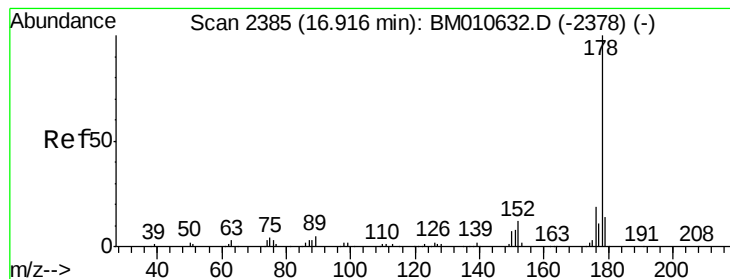
Tgt Ion:168 Resp: 236067
Ion Ratio Lower Upper
168 100
139 42.9 30.8 46.2



#58
Fluorene
Concen: 12.314 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM010646.D
Acq: 22 Jun 2017 05:02

Tgt Ion:166 Resp: 228916
Ion Ratio Lower Upper
166 100
165 99.4 77.9 116.9
167 12.8 10.6 16.0





#69

Phenanthrene

Concen: 34.478 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

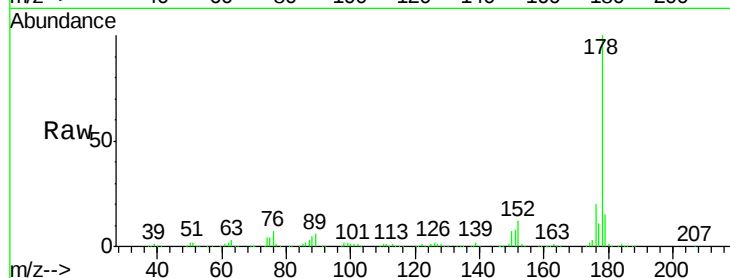
BNA_M

ClientSampleId :

F5C86MEDL

Tgt Ion:178 Resp: 1031807

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.7	14.9	22.3

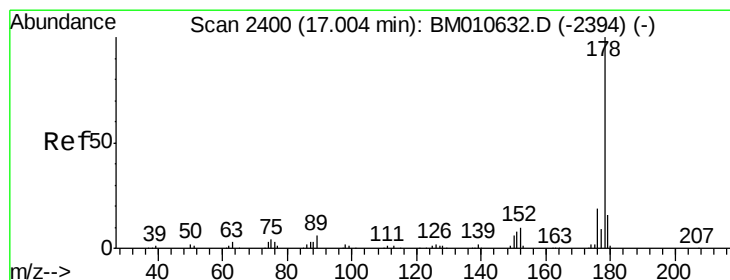
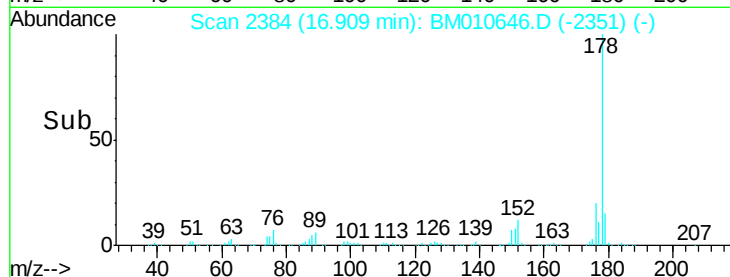
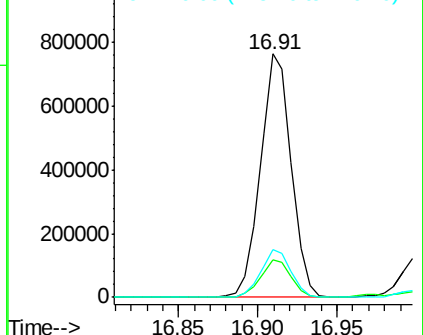


Abundance

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



#71

Anthracene

Concen: 5.322 ng/ul

RT: 17.00 min Scan# 2399

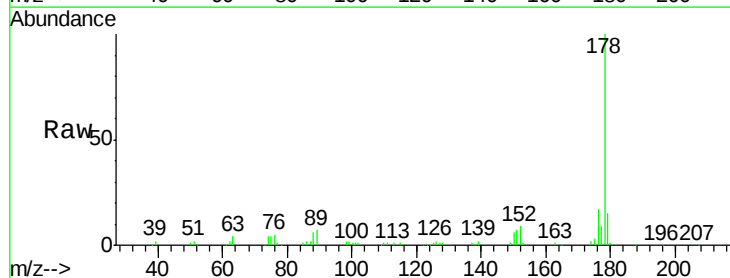
Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Tgt Ion:178 Resp: 164087

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.7	17.5
176	17.1	14.6	21.8

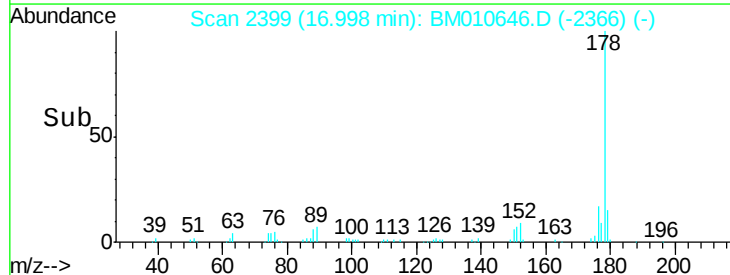
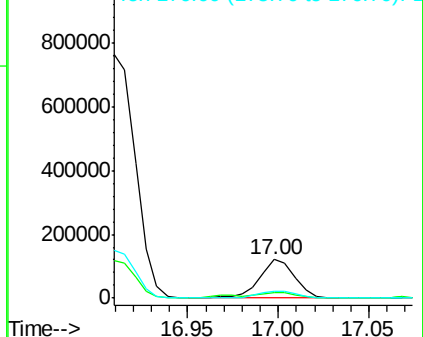


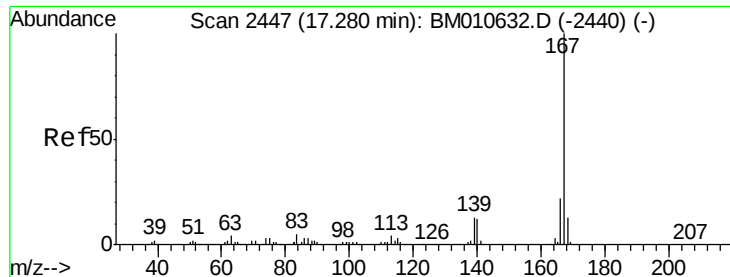
Abundance

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

Carbazole

Concen: 4.022 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL

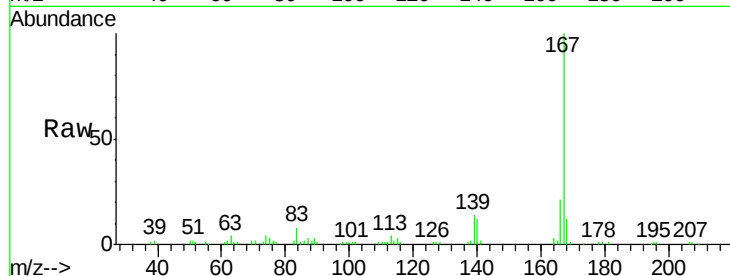
Tgt Ion:167 Resp: 108191

Ion Ratio Lower Upper

167 100

166 20.5 17.1 25.7

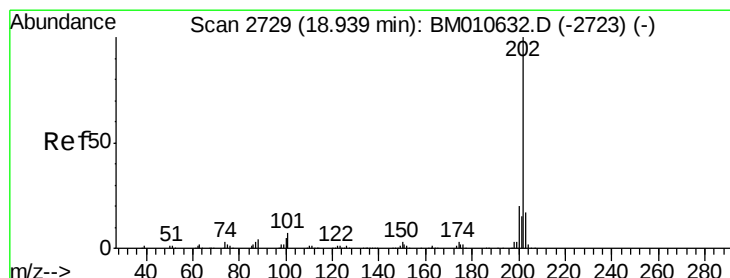
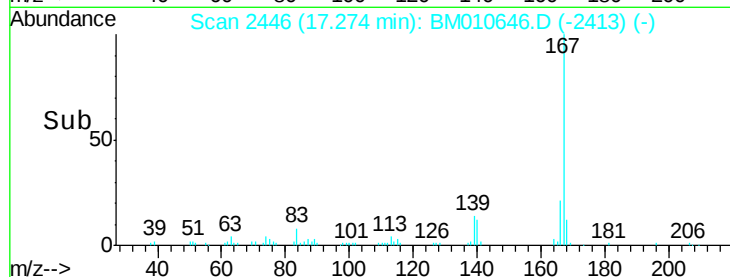
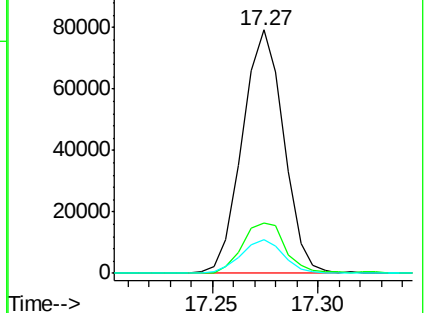
139 13.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 16.619 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

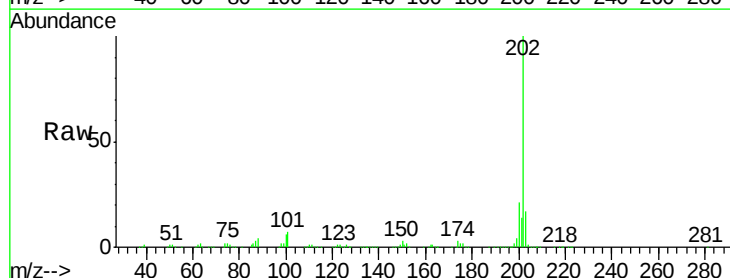
Tgt Ion:202 Resp: 640960

Ion Ratio Lower Upper

202 100

101 7.3 4.6 7.0#

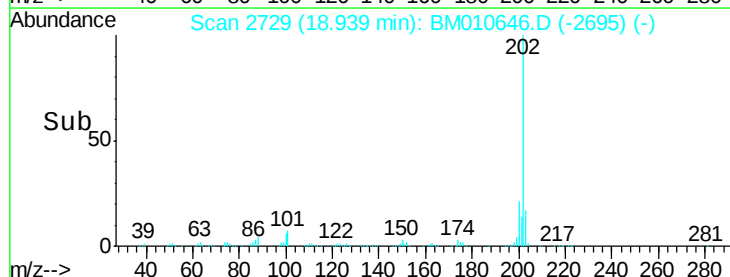
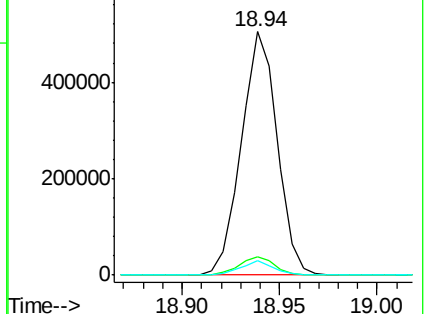
100 5.9 3.4 5.2#

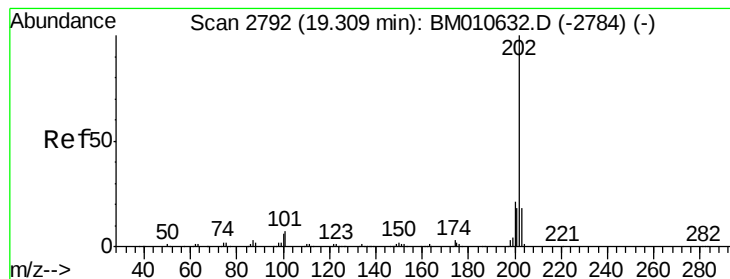


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 10.779 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL

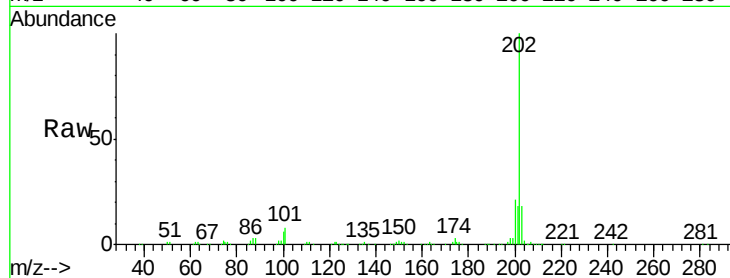
Tgt Ion:202 Resp: 426399

Ion Ratio Lower Upper

202 100

101 7.8 5.1 7.7#

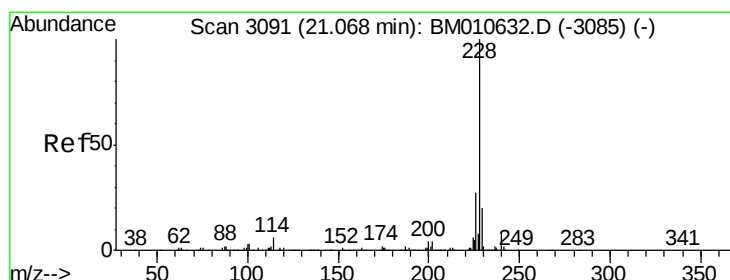
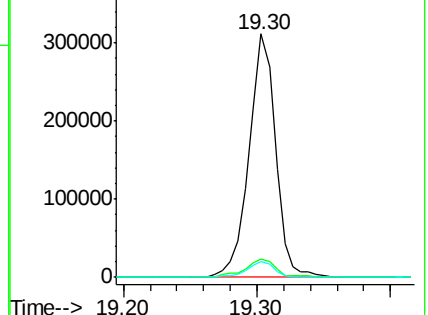
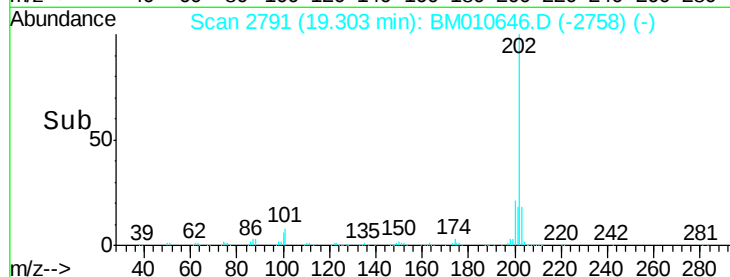
100 6.5 4.9 7.3



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

Benzo(a)anthracene

Concen: 3.431 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

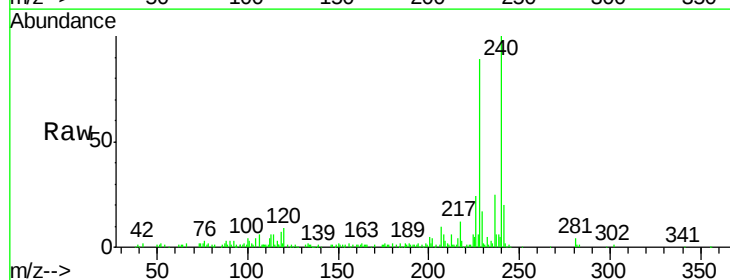
Tgt Ion:228 Resp: 136841

Ion Ratio Lower Upper

228 100

229 19.0 15.4 23.0

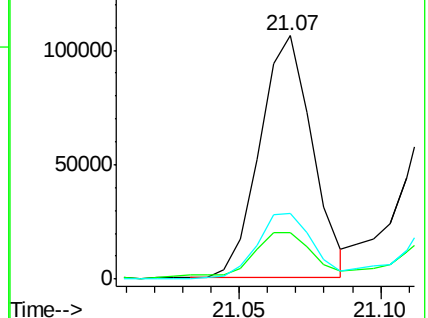
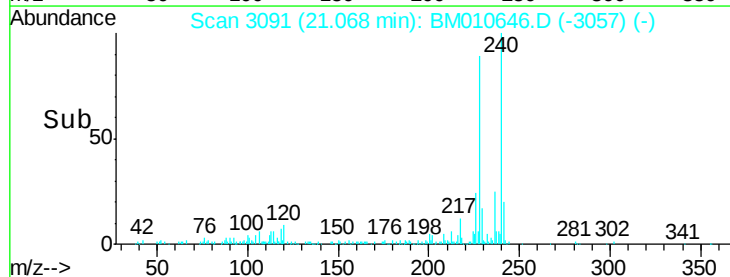
226 27.2 21.4 32.0

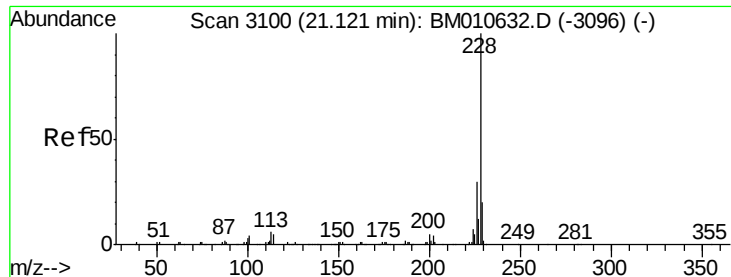


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.035 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL

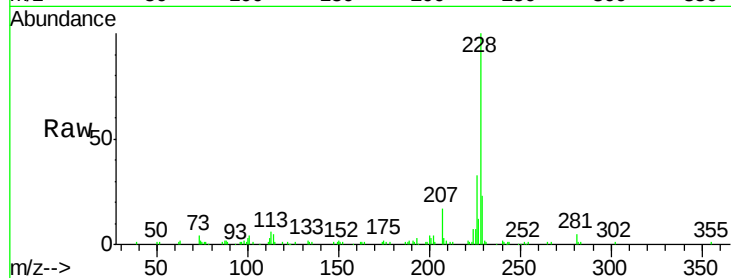
Tgt Ion:228 Resp: 107923

Ion Ratio Lower Upper

228 100

226 32.9 23.4 35.2

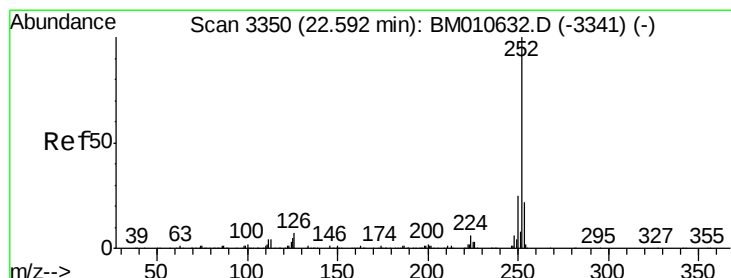
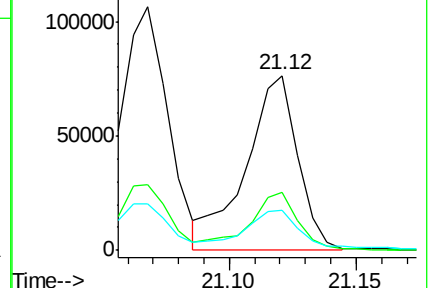
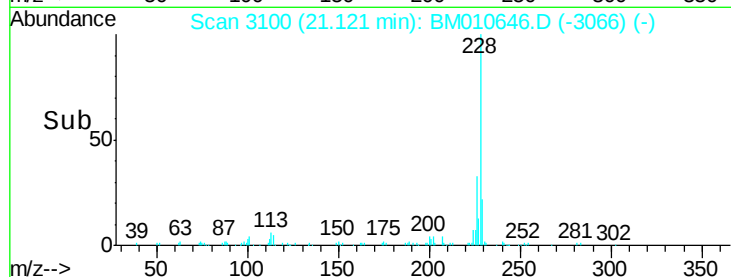
229 22.8 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 2.033 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM010646.D

Acq: 22 Jun 2017 05:02

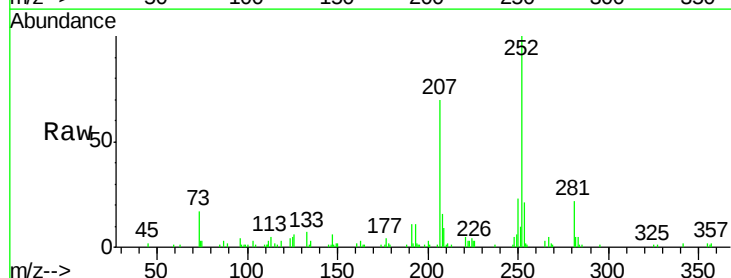
Tgt Ion:252 Resp: 73138

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

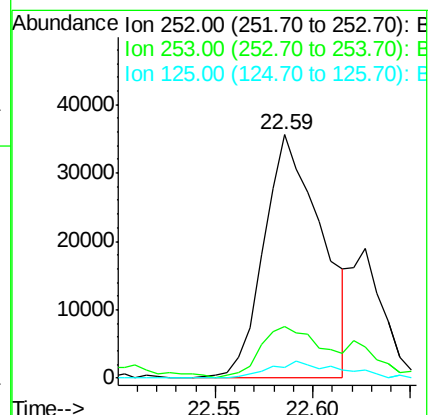
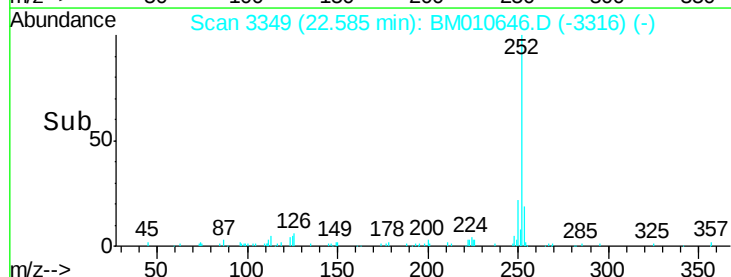
125 4.6 3.6 5.4

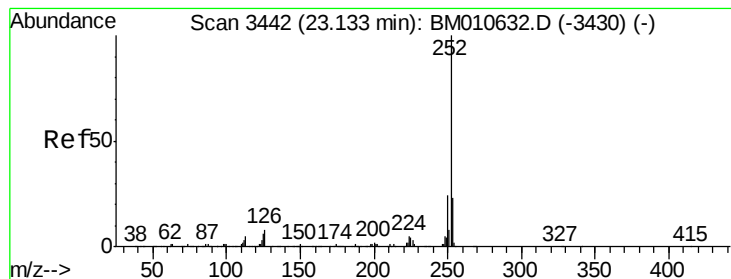


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.225 ng/ul

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM010646.D

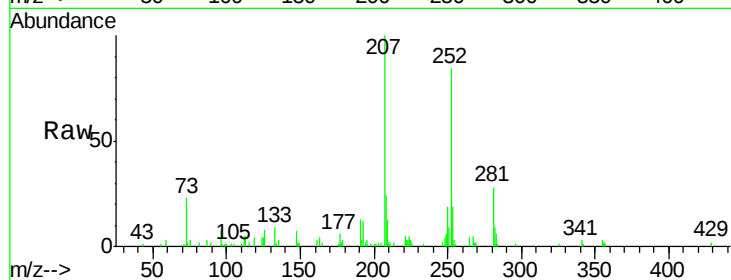
Acq: 22 Jun 2017 05:02

Instrument :

BNA_M

ClientSampleId :

F5C86MEDL



Tgt Ion: 252 Resp: 40573

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

125 4.6 4.0 6.0

