

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011674.D
 Acq On : 22 Sep 2017 03:31
 Operator : SJ/JU
 Sample : I5283-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:45:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	457554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2105398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1176132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2493183	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2040800	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1618248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	19618	1.93	ng/uL	0.00
5) Phenol-d5	7.11	99	395131	8.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	359063	12.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	360015	10.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	271788	7.92	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	193680	12.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	206263	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	324461	9.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	51463	1.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1158797	11.65	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1423051	11.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	61311	3.28	ng/ul	0.00
58) Fluorene-d10	15.58	176	1004938	11.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	85301	5.88	ng/ul	0.00
71) Anthracene-d10	17.43	188	1455637	11.86	ng/ul	0.00
79) Pyrene-d10	19.72	212	1588180	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	884977	11.48	ng/ul	0.00

Target Compounds

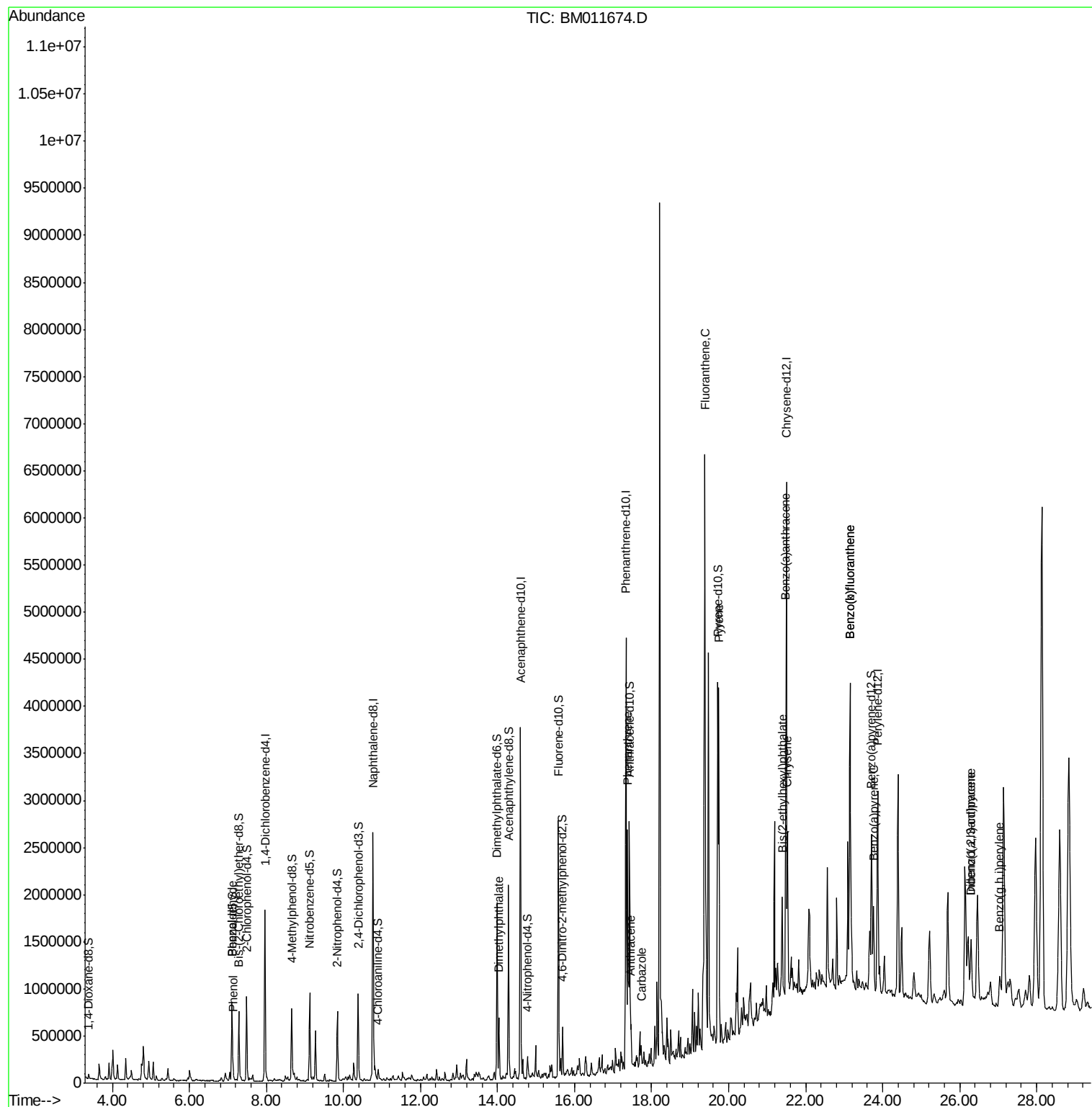
					Ovalue	
4) Benzaldehyde	7.10	77	25420	1.013	ng/ul	91
6) Phenol	7.13	94	50463	1.157	ng/ul#	85
45) Dimethylphthalate	14.04	163	362302	3.806	ng/ul#	98
70) Phenanthrene	17.37	178	1450809	10.440	ng/ul	100
72) Anthracene	17.46	178	282697	1.982	ng/ul	98
75) Carbazole	17.73	167	127216	1.046	ng/ul#	97
77) Fluoranthene	19.38	202	2490950	17.427	ng/ul#	90
80) Pyrene	19.74	202	2117642	17.785	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	976902	8.694	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	281650	3.349	ng/ul#	97
85) Chrysene	21.53	228	896329	8.799	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	1026883	10.548	ng/ul#	89
89) Benzo(k)fluoranthene	23.14	252	1026883	10.983	ng/ul#	88
91) Benzo(a)pyrene	23.76	252	637936	6.942	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.29	276	400474	3.962	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.29	278	109984	1.283	ng/ul#	89
94) Benzo(g,h,i)perylene	27.04	276	384801	4.701	ng/ul#	94

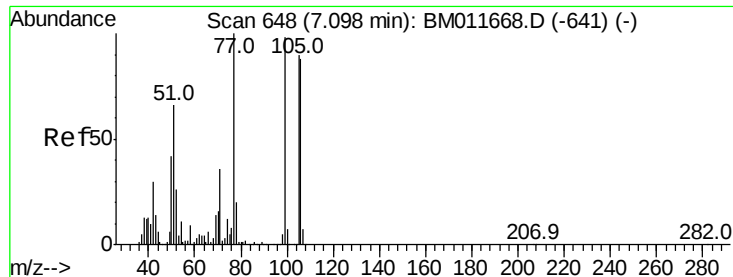
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.013 ng/ul

RT: 7.10 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

ClientSampleId :

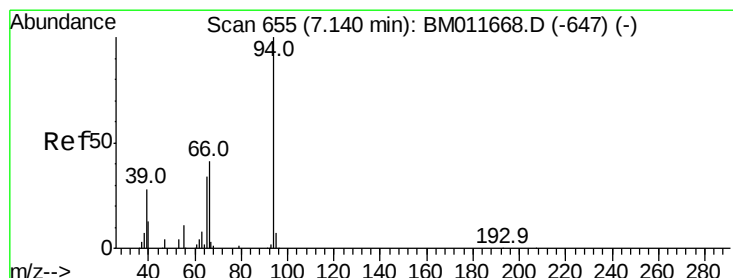
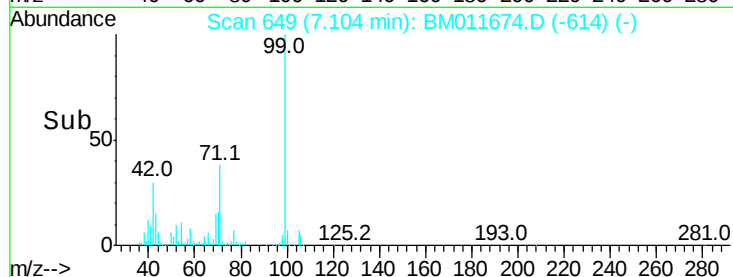
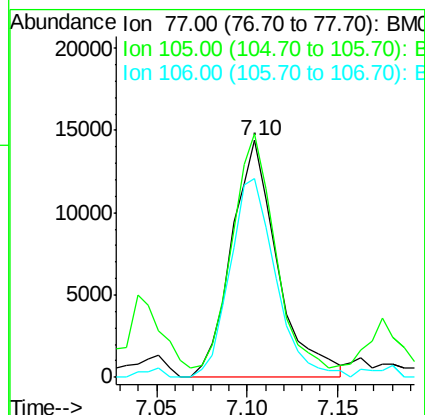
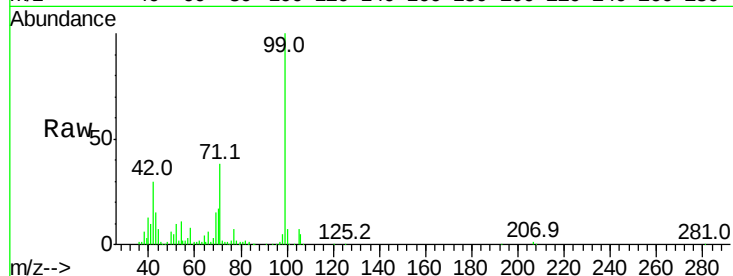
Tot Ion: 77 Resp: 25420

Ion Ratio Lower Upper

77 100

105 102.7 71.0 106.6

106 83.6 69.5 104.3



#6

Phenol

Concen: 1.157 ng/ul

RT: 7.13 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

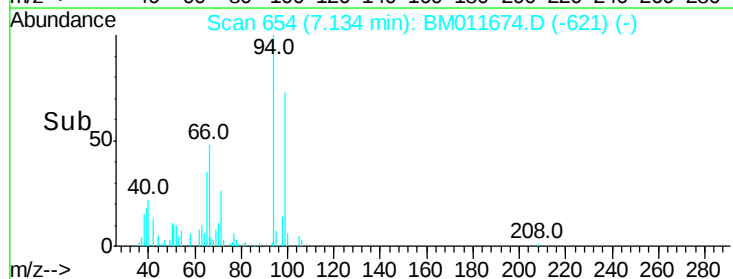
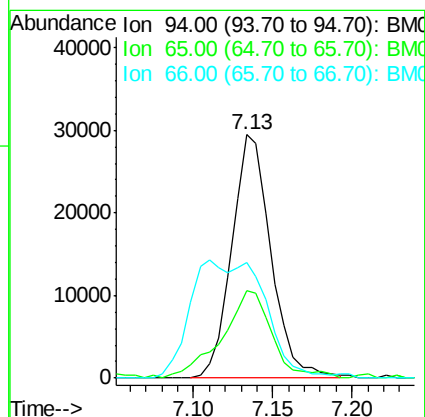
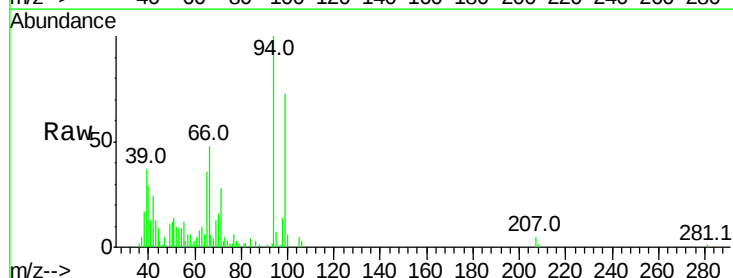
Tgt Ion: 94 Resp: 50463

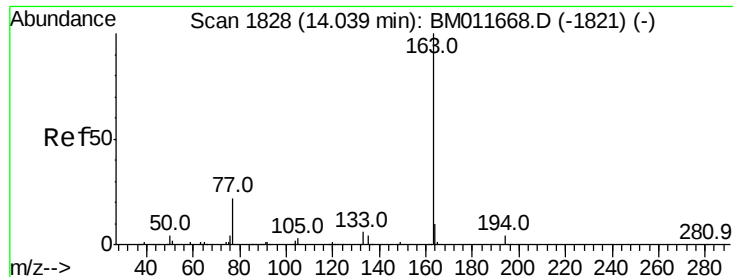
Ion Ratio Lower Upper

94 100

65 35.9 23.0 34.6#

66 47.7 30.4 45.6#

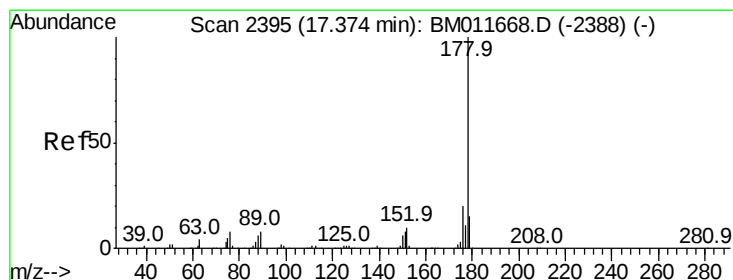
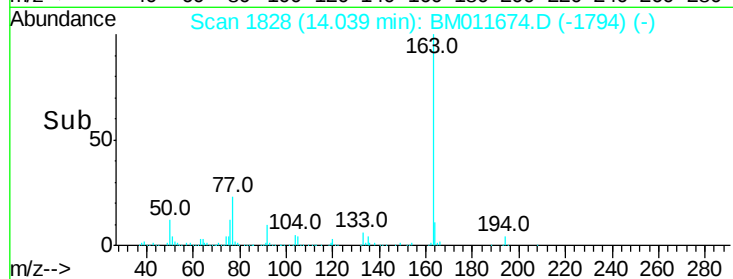
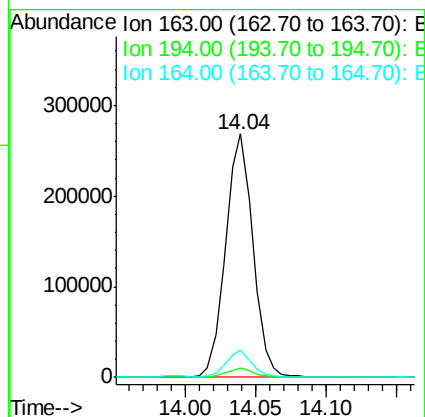
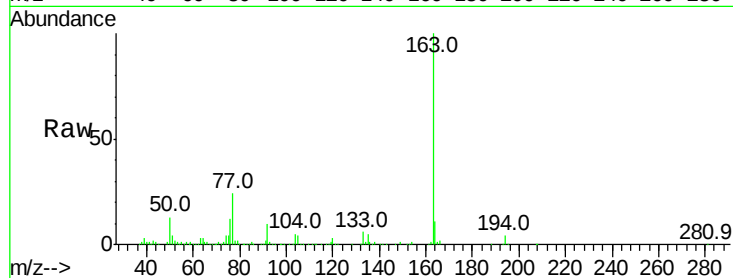




#45
Dimethylphthalate
Concen: 3.806 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

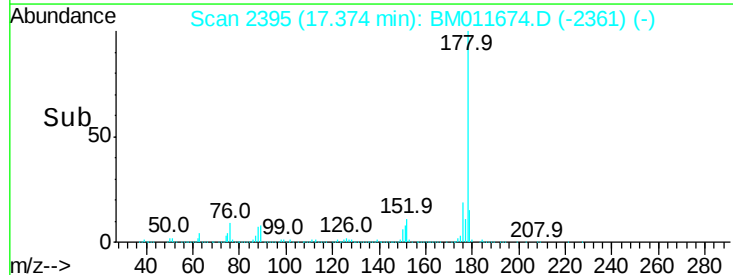
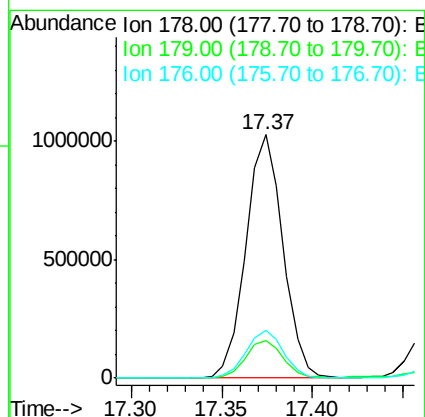
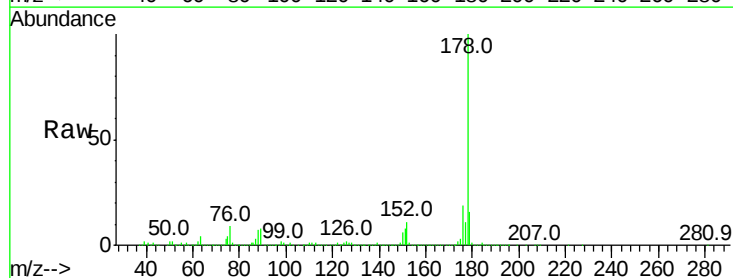
Instrument :
BNA_M
ClientSampleId :

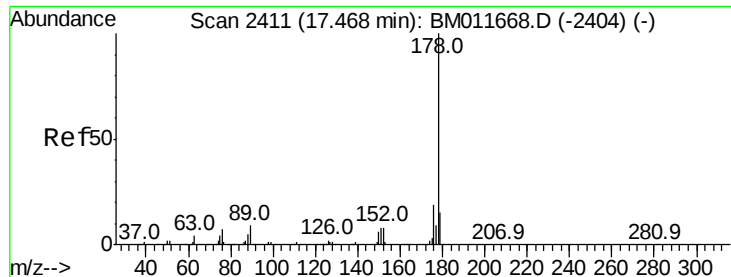
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.0	6.0#
164	11.0	8.4	12.6



#70
Phenanthrene
Concen: 10.440 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.4	15.4	23.0





#72

Anthracene

Concen: 1.982 ng/ul

RT: 17.46 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

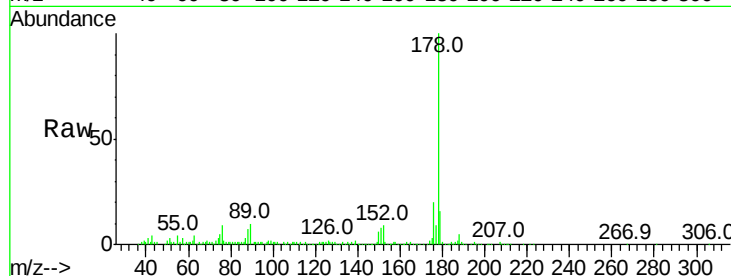
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 282697

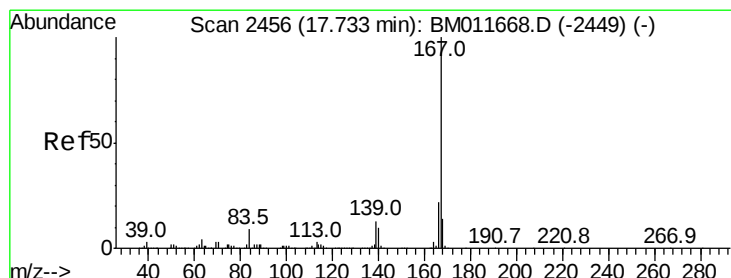
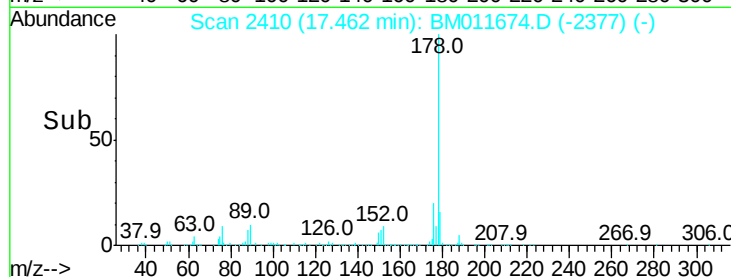
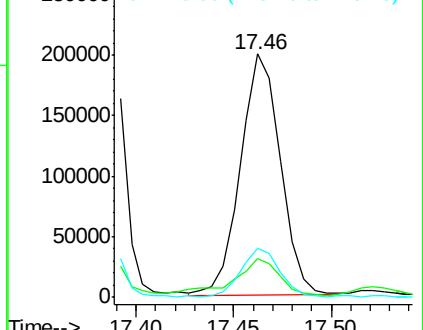
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	19.9	15.4	23.0



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



#75

Carbazole

Concen: 1.046 ng/ul

RT: 17.73 min Scan# 2456

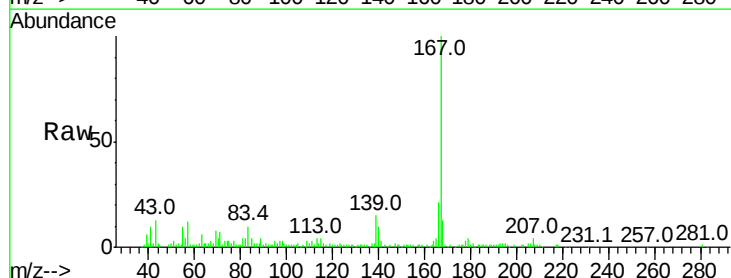
Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:167 Resp: 127216

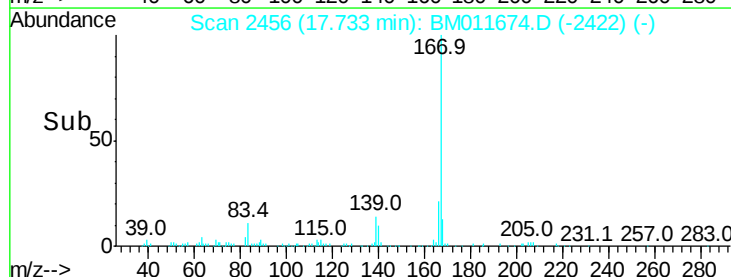
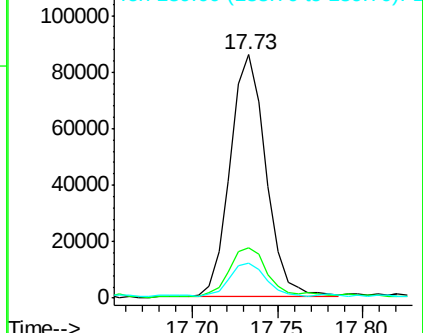
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	14.6	9.1	13.7

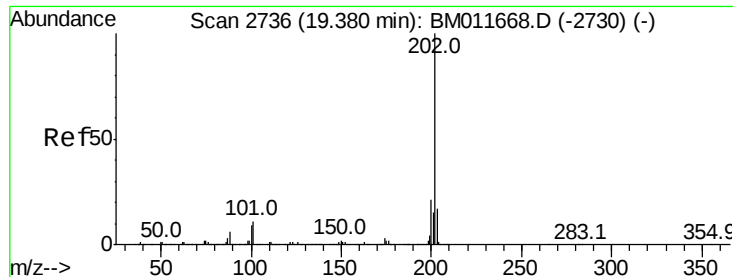


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

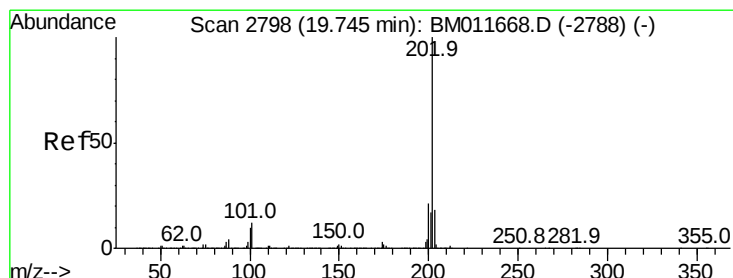
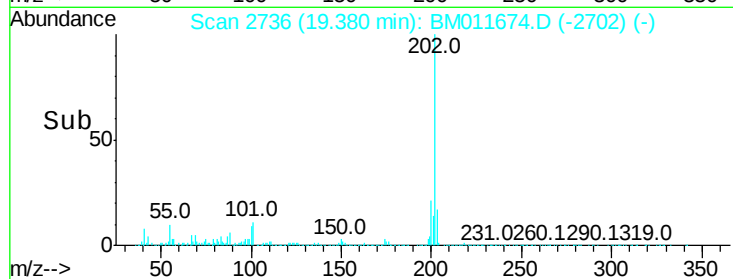
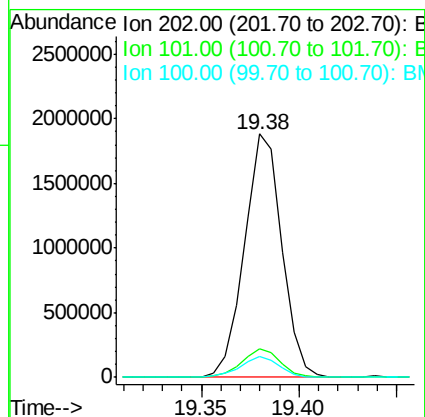
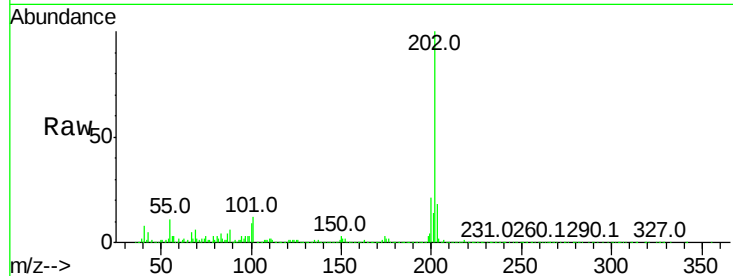




#77
 Fluoranthene
 Concen: 17.427 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

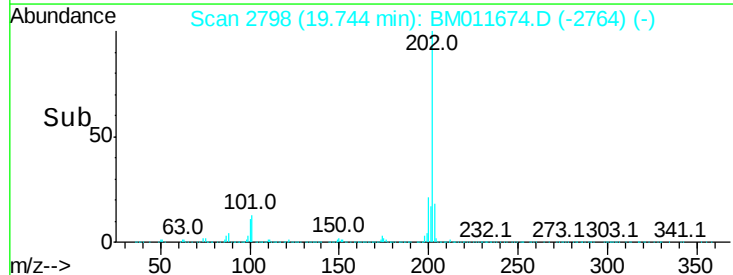
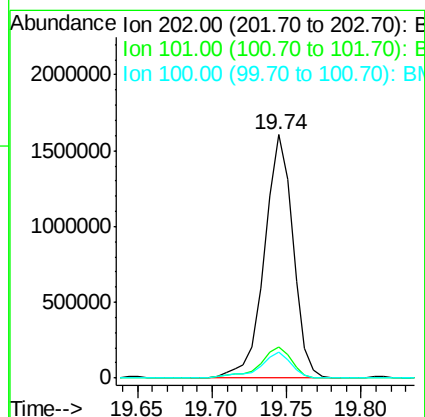
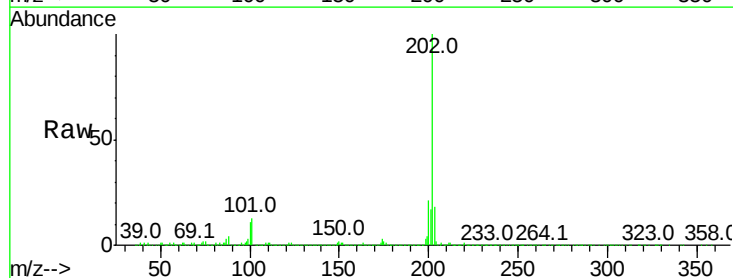
Instrument :
 BNA_M
 ClientSampleId :

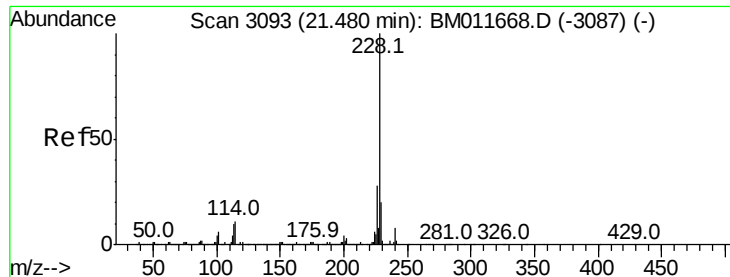
Tot Ion:202 Resp: 2490950
 Ion Ratio Lower Upper
 202 100
 101 11.6 6.1 9.1#
 100 8.8 4.6 7.0#



#80
 Pyrene
 Concen: 17.785 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Tgt Ion:202 Resp: 2117642
 Ion Ratio Lower Upper
 202 100
 101 12.8 6.9 10.3#
 100 10.6 5.6 8.4#





#83

Benzo(a)anthracene

Concen: 8.694 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

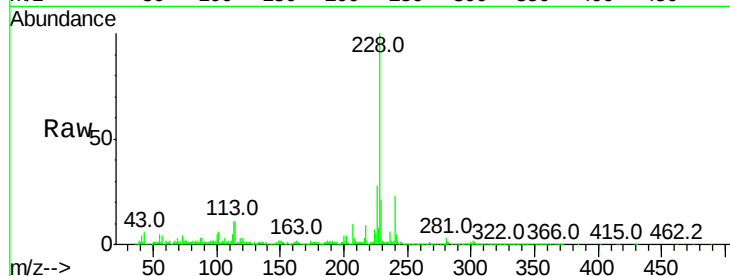
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 976902

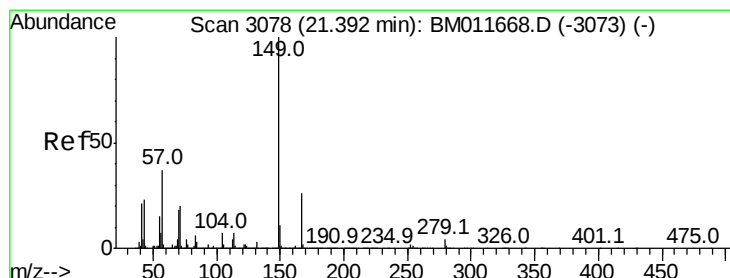
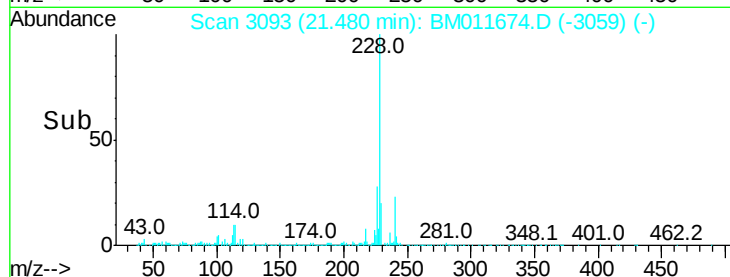
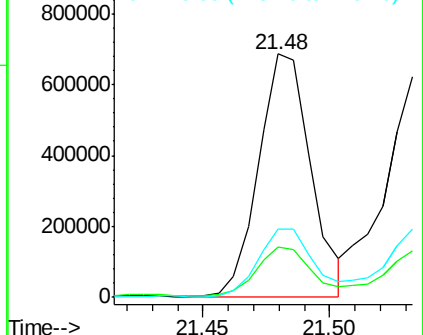
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.3	21.8	32.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.349 ng/ul

RT: 21.39 min Scan# 3078

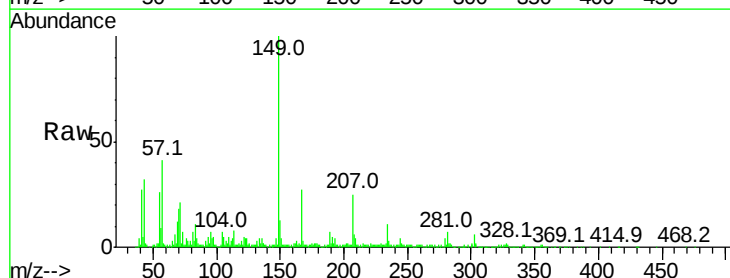
Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Tgt Ion:149 Resp: 281650

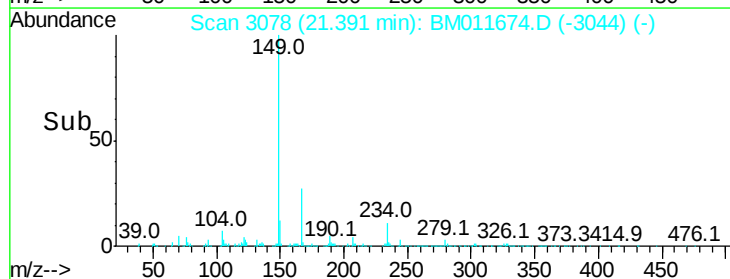
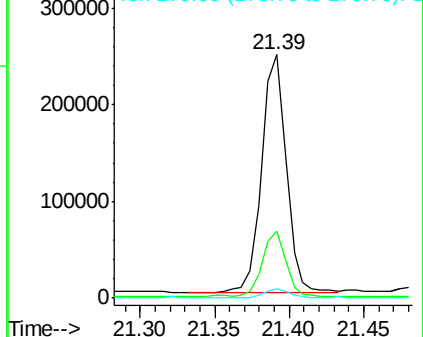
Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.6
279	3.7	4.3	6.5#

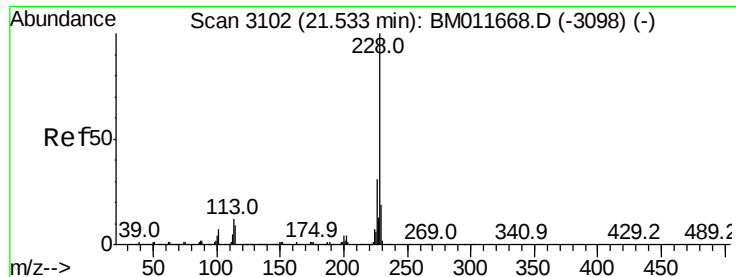


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

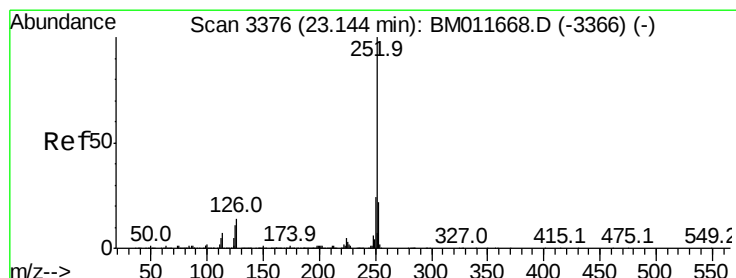
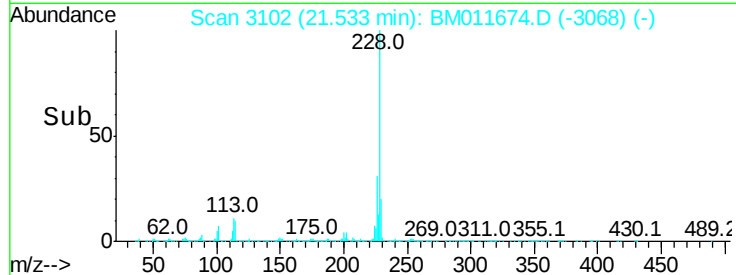
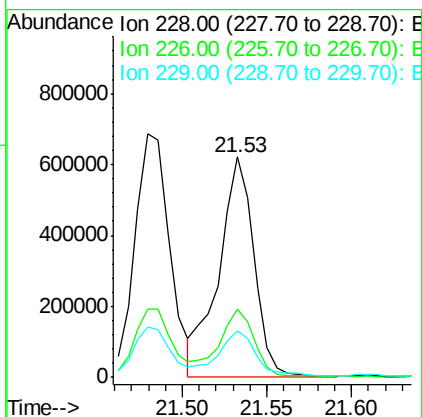
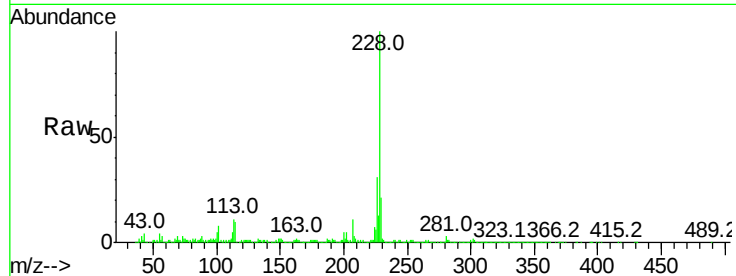




#85
 Chrysene
 Concen: 8.799 ng/ul
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

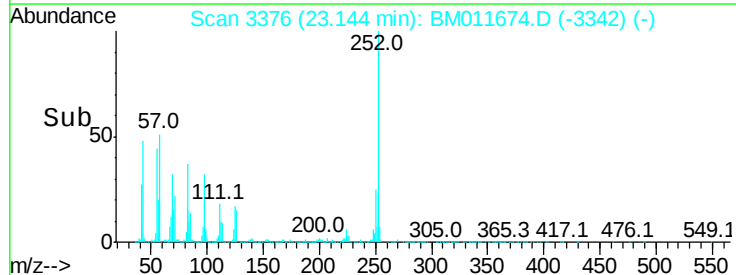
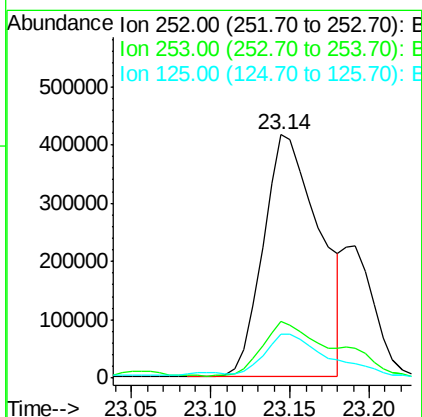
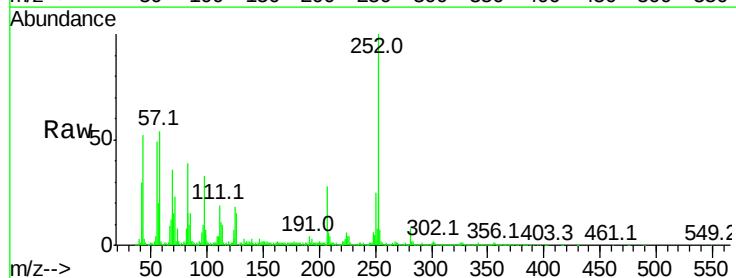
Instrument :
 BNA_M
 ClientSampleId :

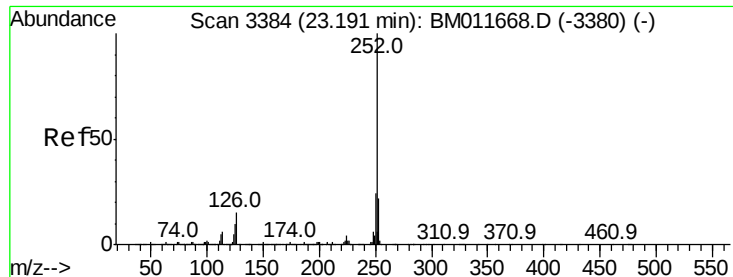
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	21.0	16.0	24.0



#88
 Benzo(b)fluoranthene
 Concen: 10.548 ng/ul
 RT: 23.14 min Scan# 3376
 Delta R.T. -0.00 min
 Lab File: BM011674.D
 Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	18.3	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 10.983 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

ClientSampleId :

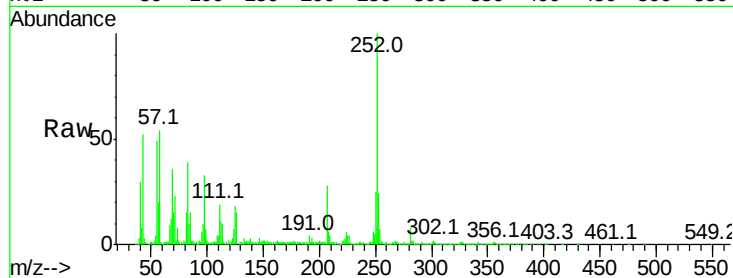
Tot Ion:252 Resp: 1026883

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

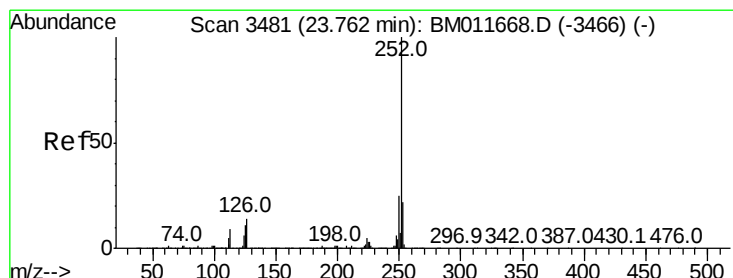
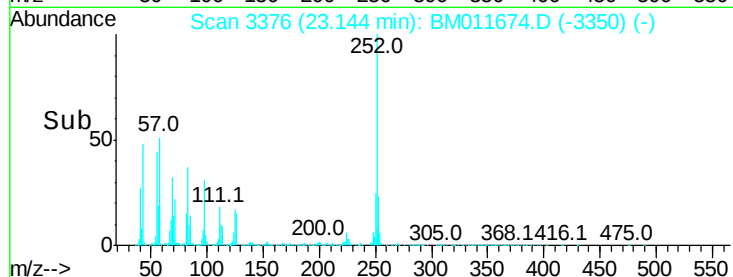
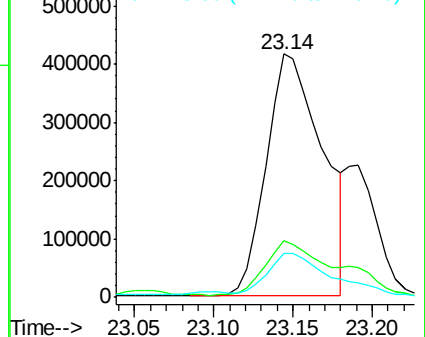
125 18.3 5.4 8.0#



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



#91

Benzo(a)pyrene

Concen: 6.942 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

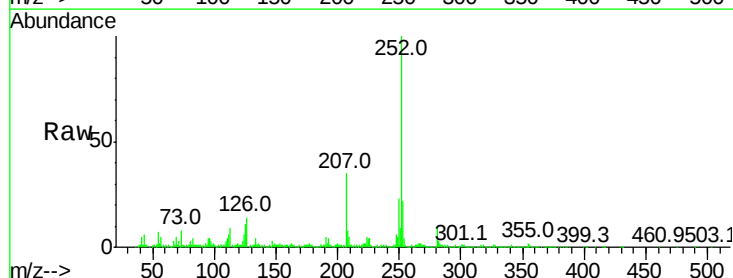
Tgt Ion:252 Resp: 637936

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

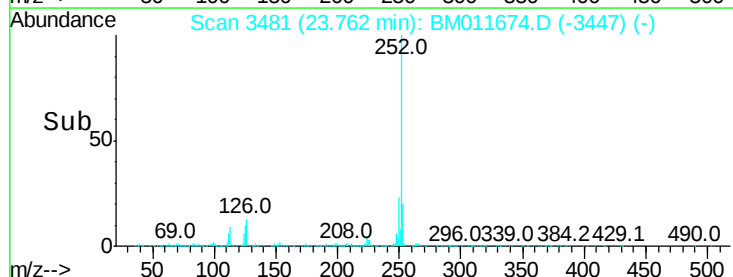
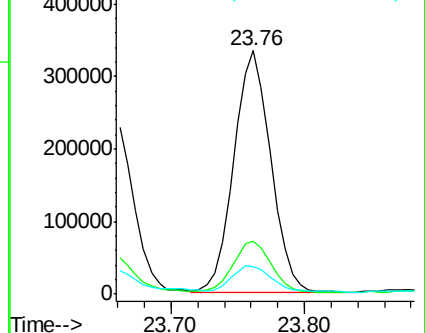
125 11.3 5.8 8.6#

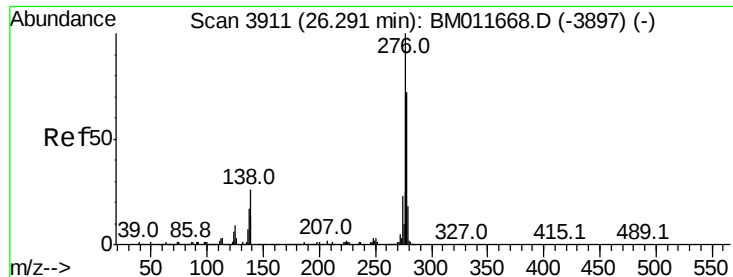


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



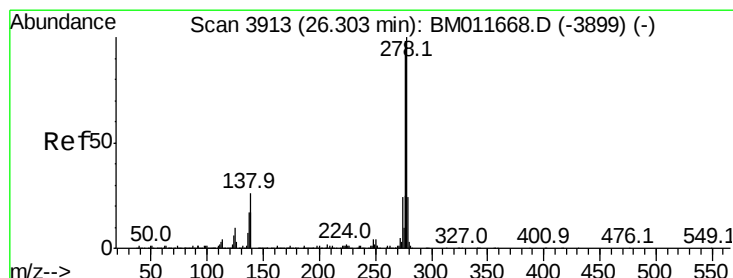
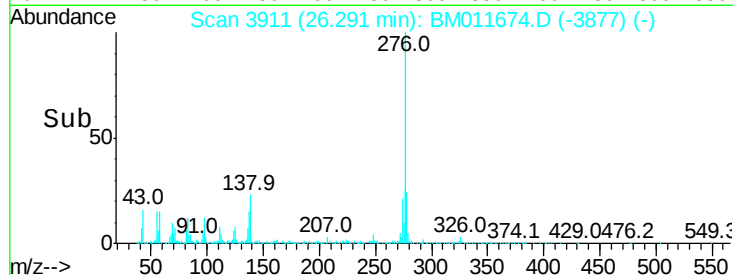
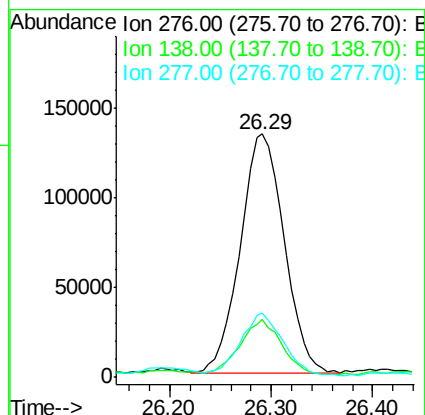
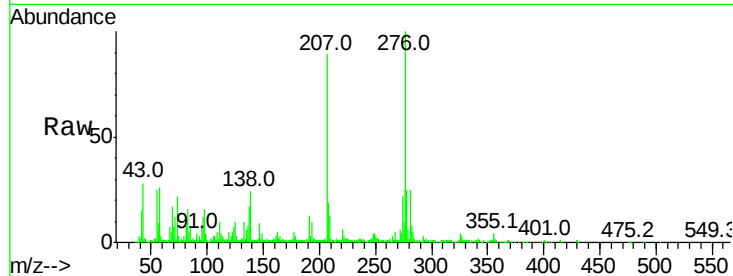


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.962 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Instrument :
BNA_M
ClientSampleId :

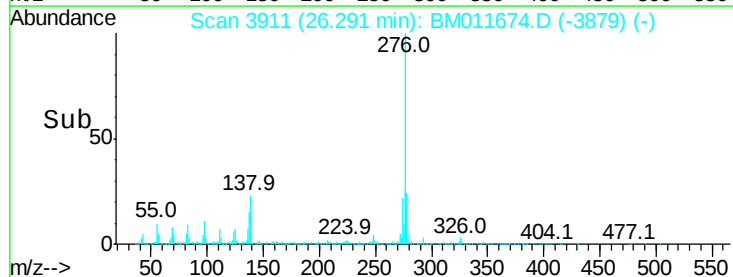
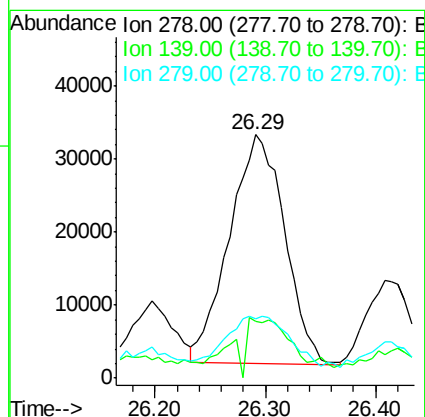
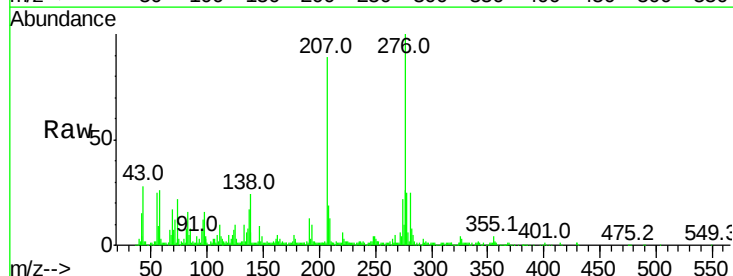
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	10.9	16.3#
277	26.4	18.9	28.3

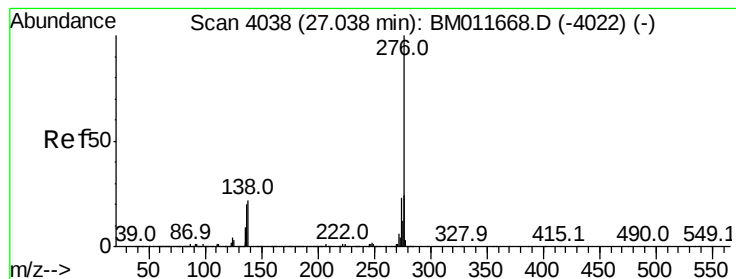


#93

Dibenzo(a,h)anthracene
Concen: 1.283 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM011674.D
Acq: 22 Sep 2017 03:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	9.0	13.4#
279	24.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 4.701 ng/ul

RT: 27.04 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM011674.D

Acq: 22 Sep 2017 03:31

Instrument :

BNA_M

ClientSampleId :

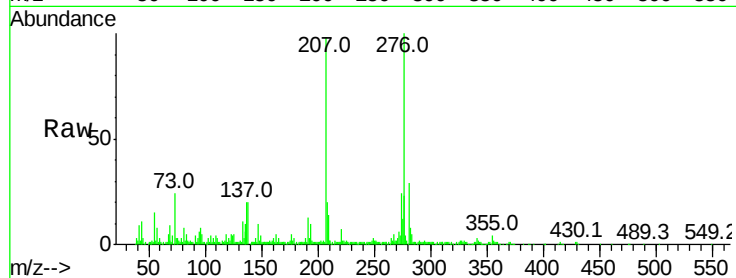
Tot Ion:276 Resp: 384801

Ion Ratio Lower Upper

276 100

138 20.5 11.2 16.8#

277 23.4 19.0 28.6



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

