

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011675.D
 Acq On : 22 Sep 2017 04:07
 Operator : SJ/JU
 Sample : I5283-22
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:45:31 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	444878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2074131	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1149900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2454264	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1907227	20.00	ng/ul	0.00
86) Perylene-d12	23.86	264	1511542	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	5961	0.60	ng/uL	0.00
5) Phenol-d5	7.11	99	68090	1.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	111410	3.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	91797	2.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	33236	1.00	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	55417	3.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	55686	3.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	72110	2.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	21899	0.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.99	166	323533	3.33	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	418530	3.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	480	0.03	ng/ul	0.04
58) Fluorene-d10	15.58	176	305077	3.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	11943	0.84	ng/ul	0.00
71) Anthracene-d10	17.43	188	438298	3.63	ng/ul	0.00
79) Pyrene-d10	19.72	212	460256	5.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	258442	3.59	ng/ul	0.00

Target Compounds

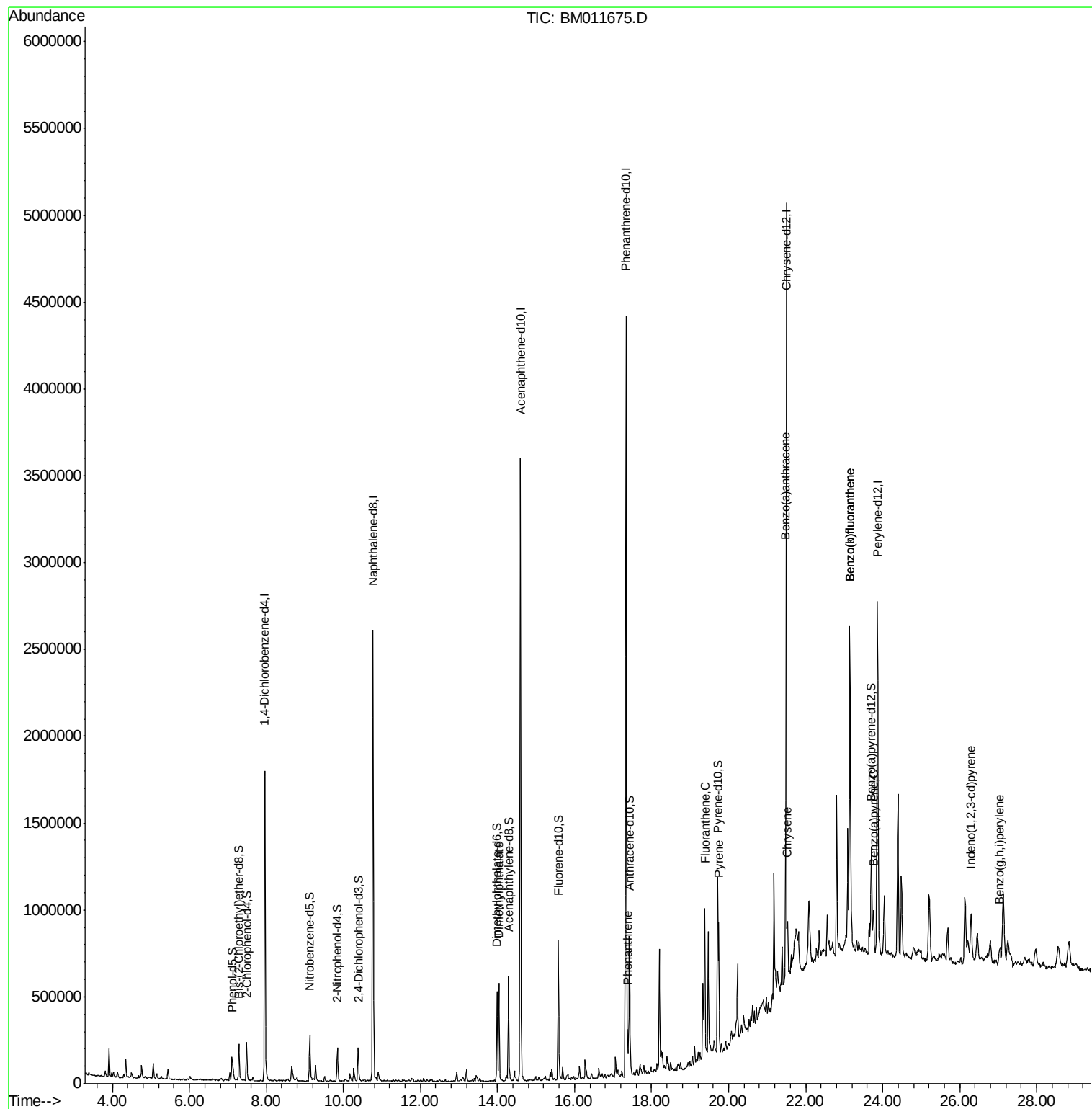
					Ovalue	
45) Dimethylphthalate	14.04	163	350744	3.768	ng/ul#	97
70) Phenanthrene	17.37	178	141838	1.037	ng/ul	97
77) Fluoranthene	19.38	202	438905	3.119	ng/ul#	91
80) Pyrene	19.74	202	419296	3.768	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	216461	2.061	ng/ul	97
85) Chrysene	21.53	228	221016	2.322	ng/ul	98
88) Benzo(b)fluoranthene	23.14	252	272558	2.997	ng/ul#	83
89) Benzo(k)fluoranthene	23.14	252	272558	3.121	ng/ul#	82
91) Benzo(a)pyrene	23.76	252	175173	2.041	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.29	276	131443	1.392	ng/ul#	89
94) Benzo(g,h,i)perylene	27.04	276	127325	1.665	ng/ul#	92

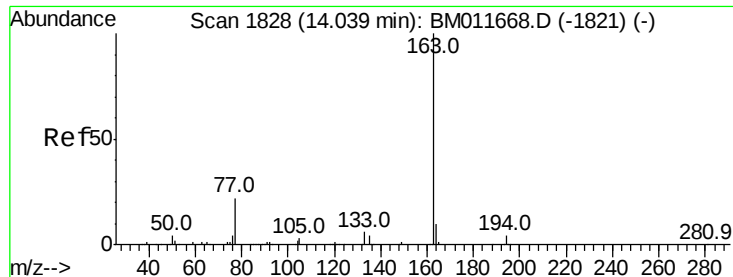
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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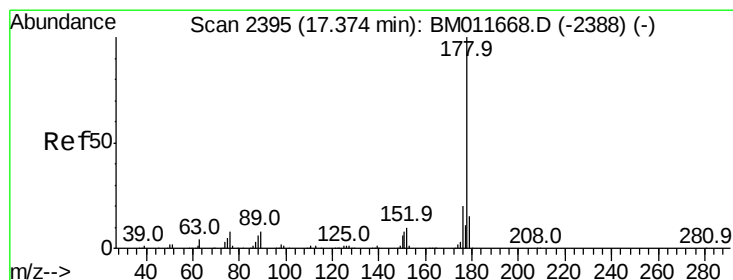
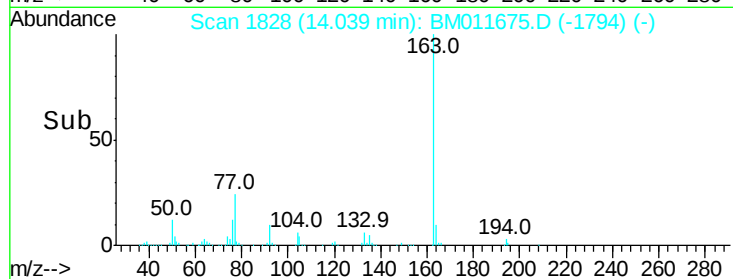
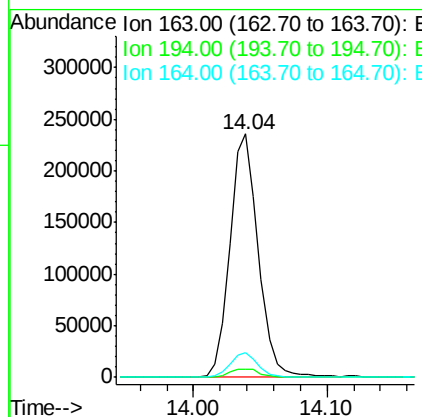
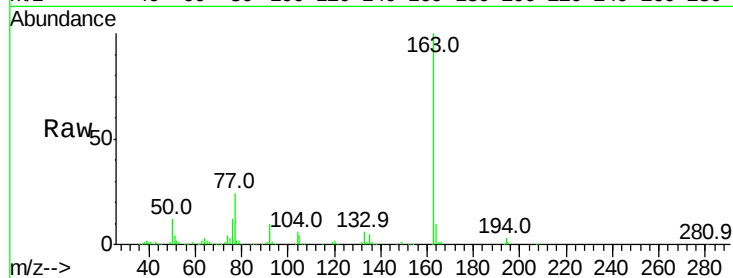




#45
 Dimethylphthalate
 Concen: 3.768 ng/ul
 RT: 14.04 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BM011675.D
 Acq: 22 Sep 2017 04:07

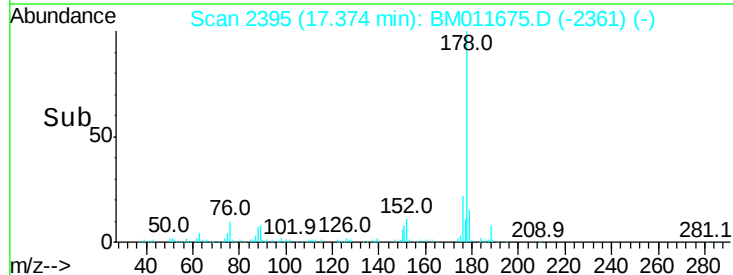
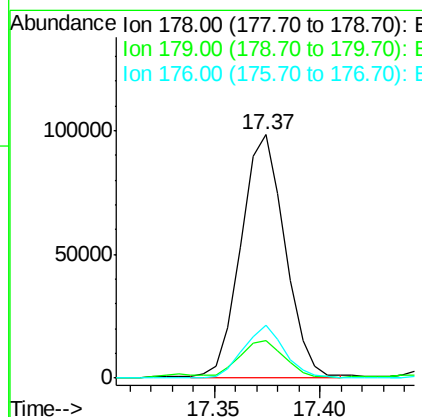
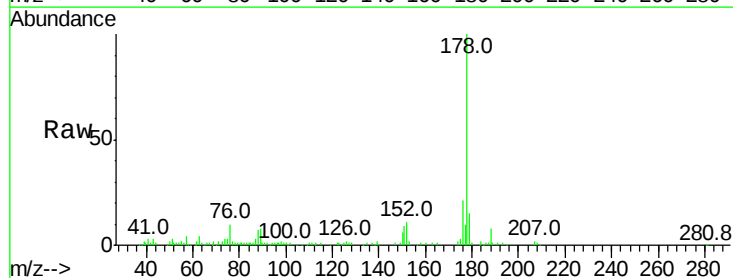
Instrument :
 BNA_M
 ClientSampleId :

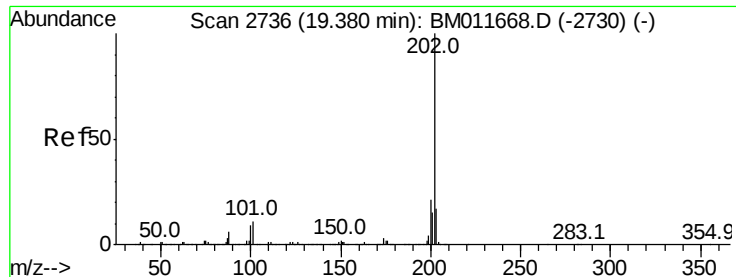
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.0	6.0#
164	10.0	8.4	12.6



#70
 Phenanthrene
 Concen: 1.037 ng/ul
 RT: 17.37 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BM011675.D
 Acq: 22 Sep 2017 04:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	21.5	15.4	23.0

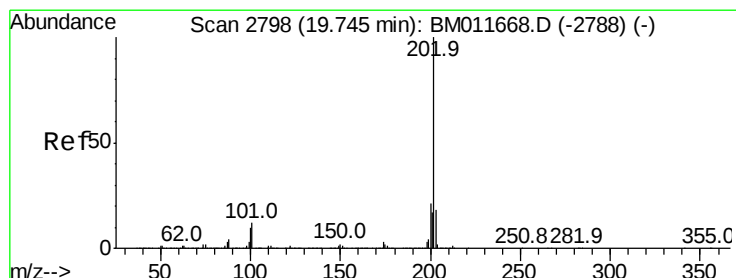
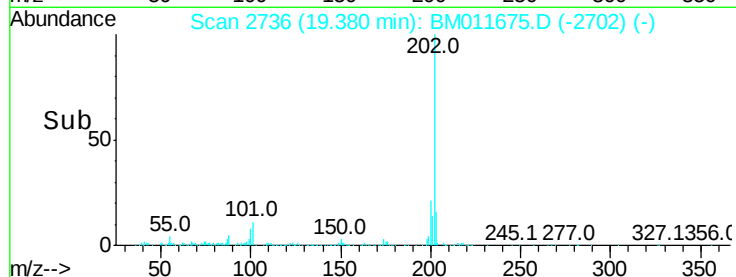
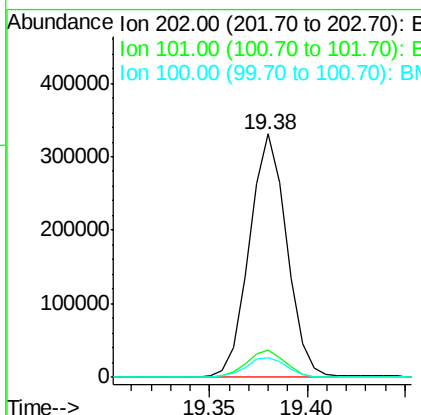
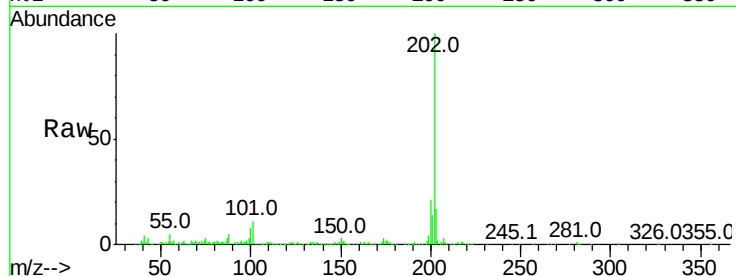




#77
Fluoranthene
 Concen: 3.119 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM011675.D
 Acq: 22 Sep 2017 04:07

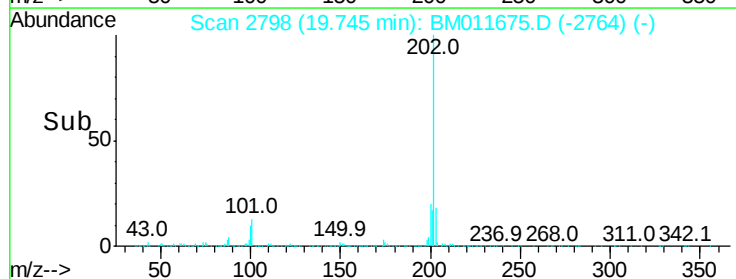
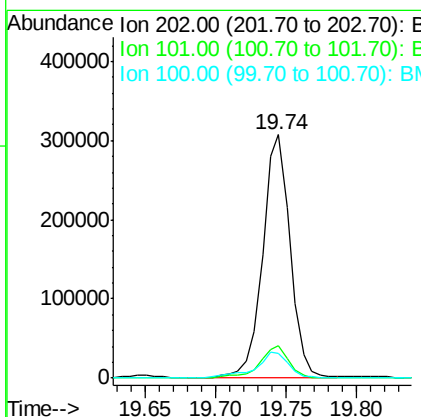
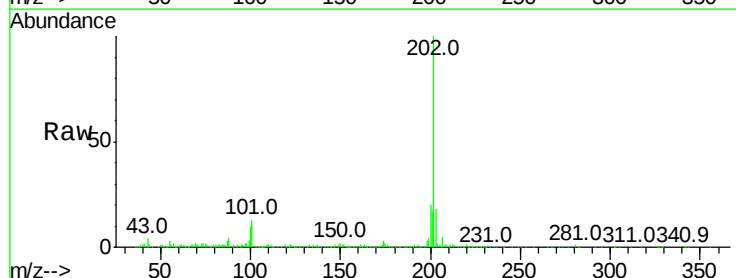
Instrument :
 BNA_M
 ClientSampleId :

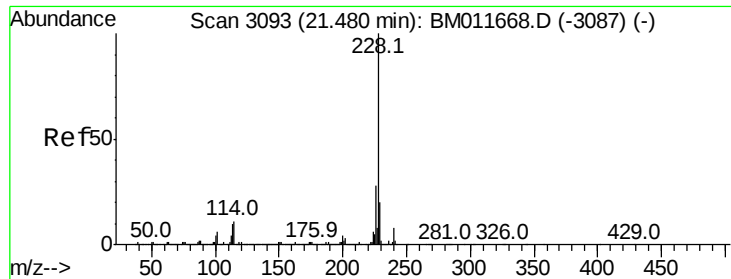
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.1	9.1#
100	8.2	4.6	7.0#



#80
Pyrene
 Concen: 3.768 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011675.D
 Acq: 22 Sep 2017 04:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	10.1	5.6	8.4#





#83

Benzo(a)anthracene

Concen: 2.061 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

Instrument :

BNA_M

ClientSampleId :

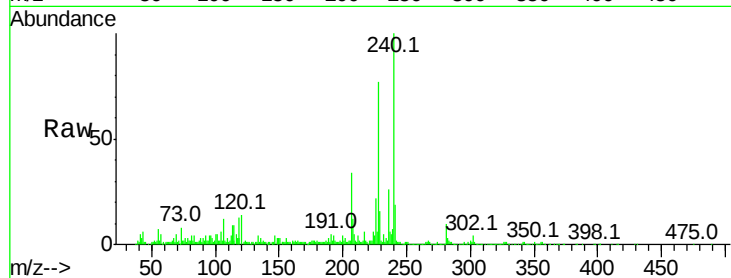
Tot Ion:228 Resp: 216461

Ion Ratio Lower Upper

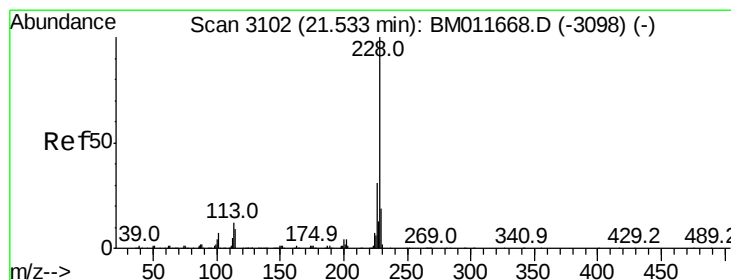
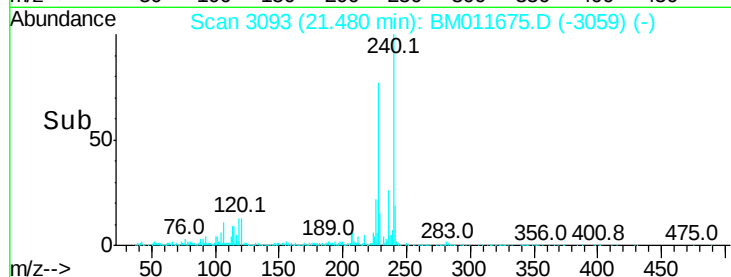
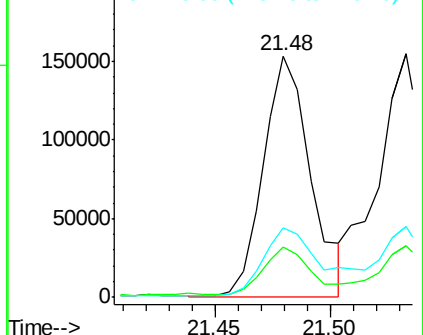
228 100

229 20.7 16.0 24.0

226 29.1 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: 2.322 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

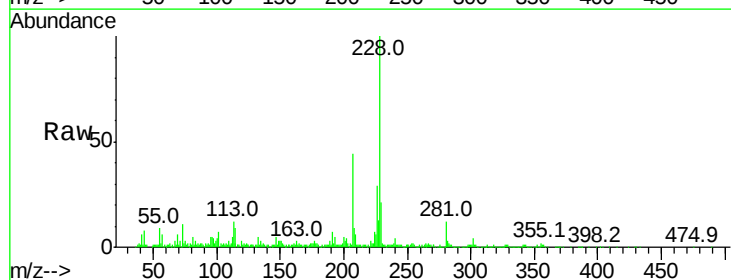
Tgt Ion:228 Resp: 221016

Ion Ratio Lower Upper

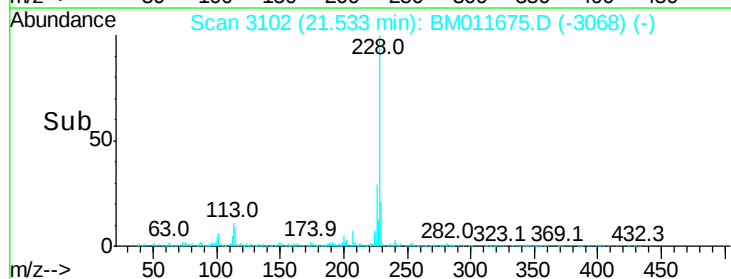
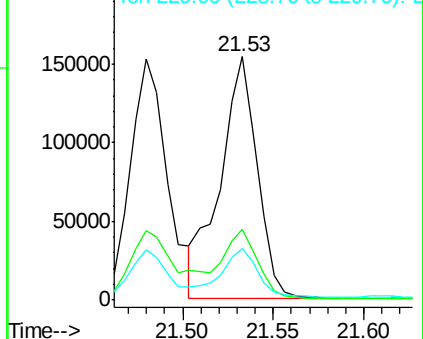
228 100

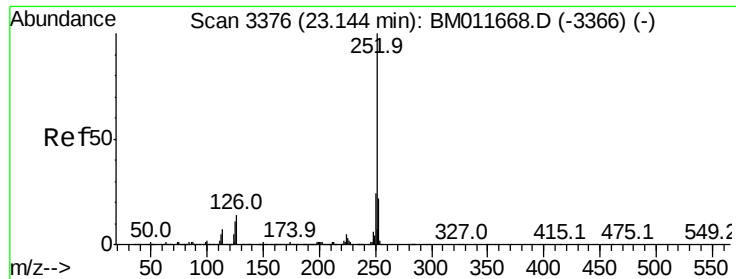
226 29.3 24.1 36.1

229 21.1 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: 2.997 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BM011675.D

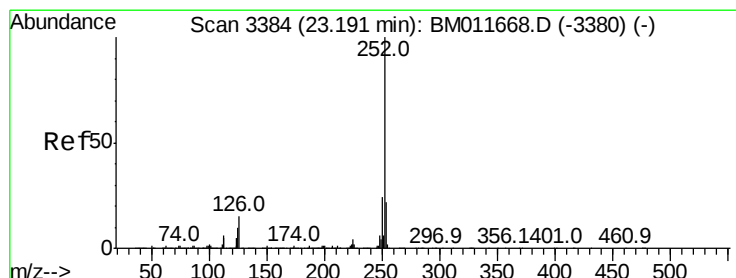
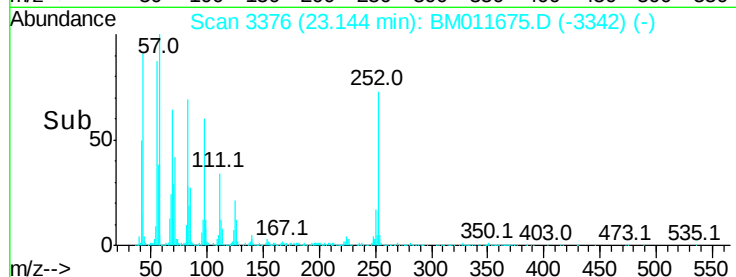
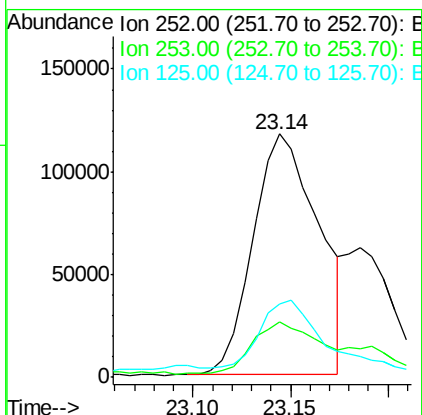
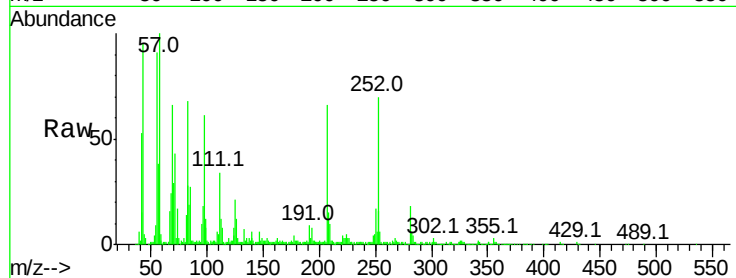
Acq: 22 Sep 2017 04:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	272558
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	30.0	4.9	7.3#



#89

Benzo(k)fluoranthene

Concen: 3.121 ng/ul

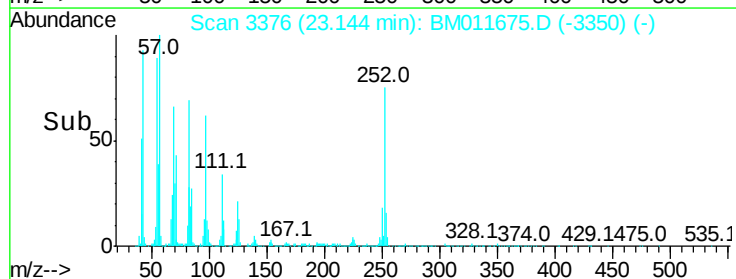
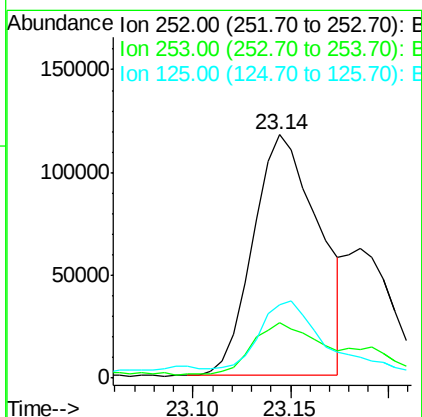
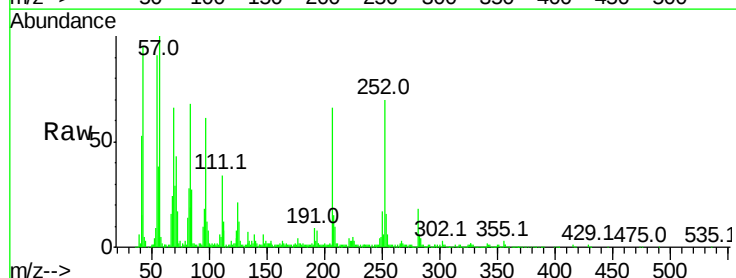
RT: 23.14 min Scan# 3376

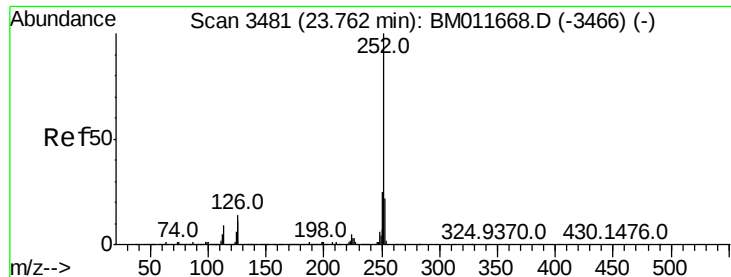
Delta R.T. -0.05 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

Tgt Ion:	252	Resp:	272558
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	30.0	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 2.041 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

Instrument :

BNA_M

ClientSampleId :

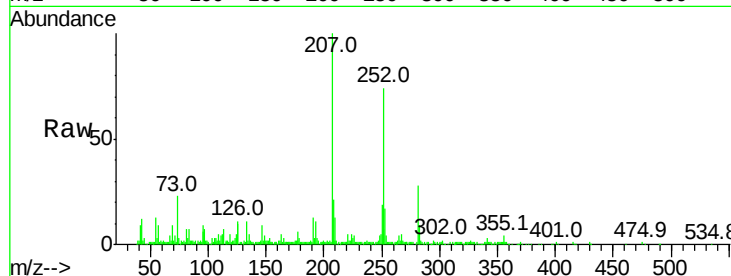
Tot Ion:252 Resp: 175173

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

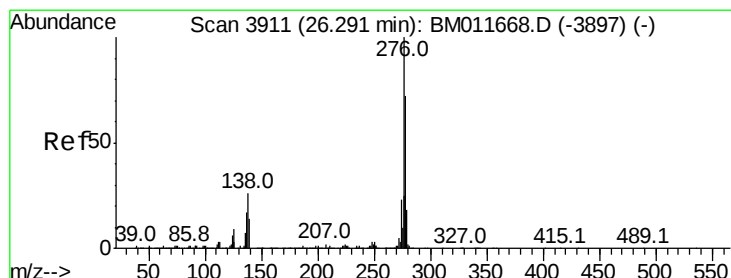
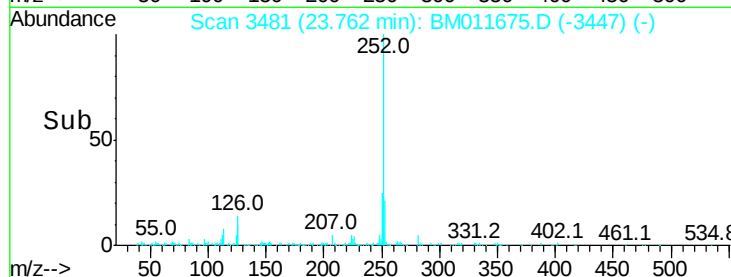
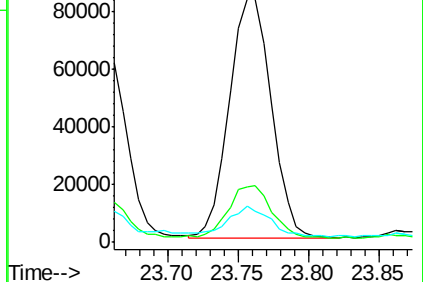
125 12.9 5.8 8.6#



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: 1.392 ng/ul

RT: 26.29 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

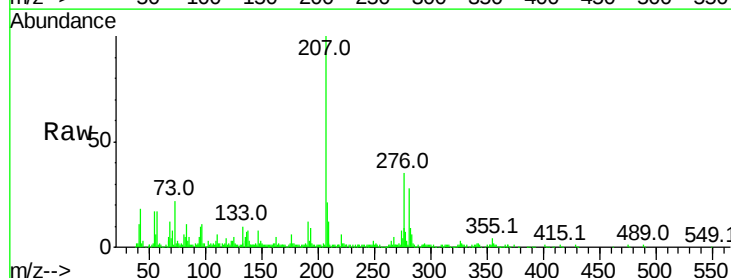
Tgt Ion:276 Resp: 131443

Ion Ratio Lower Upper

276 100

138 23.8 10.9 16.3#

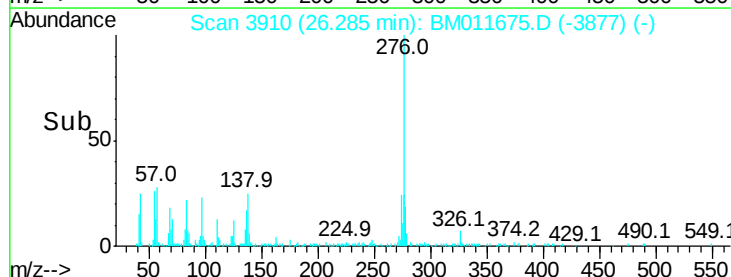
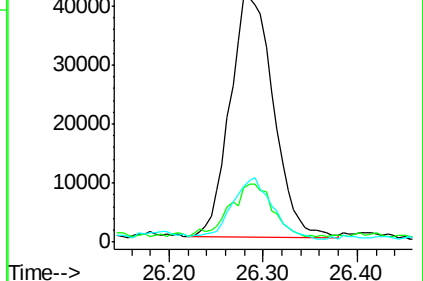
277 25.3 18.9 28.3

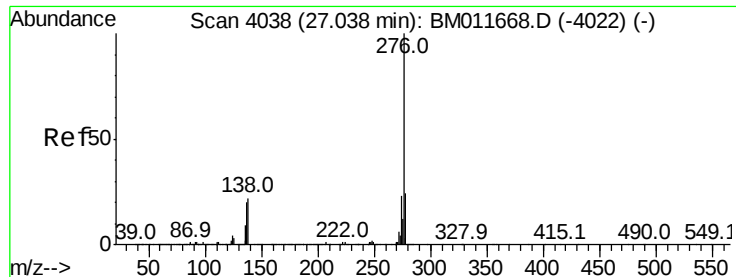


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.665 ng/ul

RT: 27.04 min Scan# 4038

Delta R.T. -0.00 min

Lab File: BM011675.D

Acq: 22 Sep 2017 04:07

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ClientSampleId :

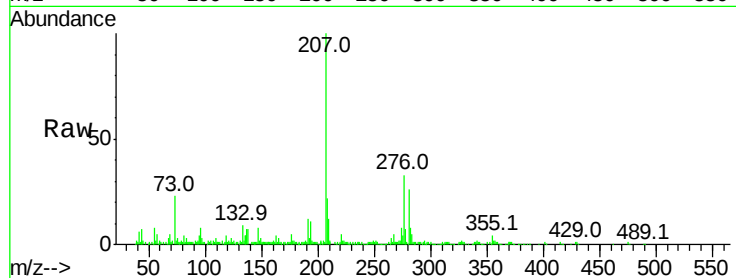
Tot Ion:276 Resp: 127325

Ion Ratio Lower Upper

276 100

138 20.3 11.2 16.8#

277 22.3 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

