

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014749.D
 Acq On : 20 Apr 2018 00:29
 Operator : SJ/JU
 Sample : J2434-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:29:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	305639	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1290860	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	702332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1531682	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1515595	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1564800	20.00	ng/ul	0.00

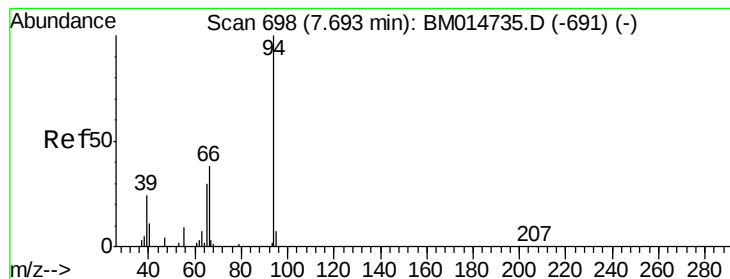
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	31884	4.56	ng/uL	0.00
5) Phenol-d5	7.66	99	556247	23.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	380182	25.09	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	475790	24.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	391651	20.79	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	225198	24.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	227392	24.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	444401	23.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	562613	30.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1372727	25.04	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1747297	25.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	164575	16.17	ng/ul	0.00
57) Fluorene-d10	16.12	176	1193253	25.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	107732	13.00	ng/ul	0.00
70) Anthracene-d10	17.96	188	1788485	25.06	ng/ul	0.00
76) Pyrene-d10	20.19	212	1918036	26.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1858889	24.18	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.69	94	121379	5.221	ng/ul# 81
28) Naphthalene	11.44	128	86053	1.368	ng/ul 98
34) 2-Methylnaphthalene	13.01	142	66873	1.531	ng/ul 92
44) Dimethylphthalate	14.58	163	371420	7.008	ng/ul 99
69) Phenanthrene	17.90	178	518053	6.298	ng/ul 99
74) Fluoranthene	19.86	202	1107249	12.346	ng/ul# 84
77) Pyrene	20.22	202	976396	11.026	ng/ul# 79
80) Benzo(a)anthracene	21.93	228	512278	5.780	ng/ul 97
82) Chrysene	21.98	228	567913	6.845	ng/ul 97
85) Benzo(b)fluoranthene	23.67	252	841576	9.123	ng/ul# 94
86) Benzo(k)fluoranthene	23.67	252	841576	9.488	ng/ul# 92
88) Benzo(a)pyrene	24.33	252	545480	6.234	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	27.02	276	409827	3.872	ng/ul# 92
90) Dibenzo(a,h)anthracene	27.02	278	107325	1.204	ng/ul# 86
91) Benzo(g,h,i)perylene	27.83	276	390953	4.489	ng/ul# 88

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



#6

Phenol

Concen: 5.221 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

Instrument :

BNA_M

ClientSampled :

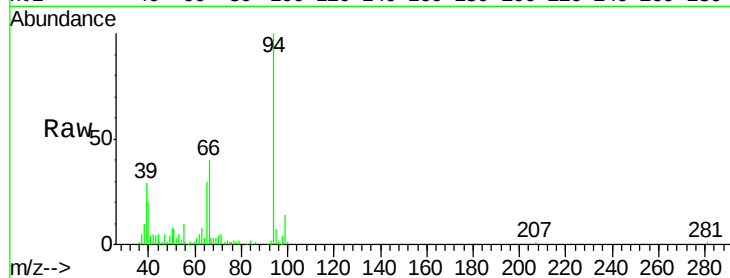
Tot Ion: 94 Resp: 121379

Ion Ratio Lower Upper

94 100

65 29.7 28.2 42.4

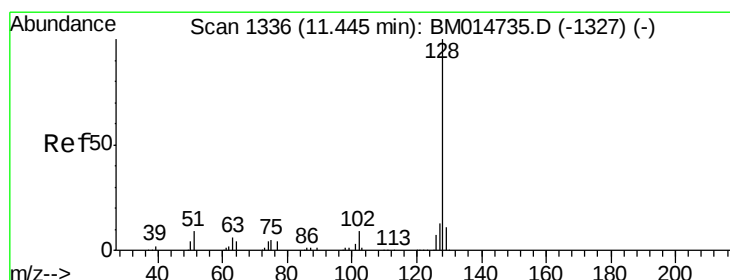
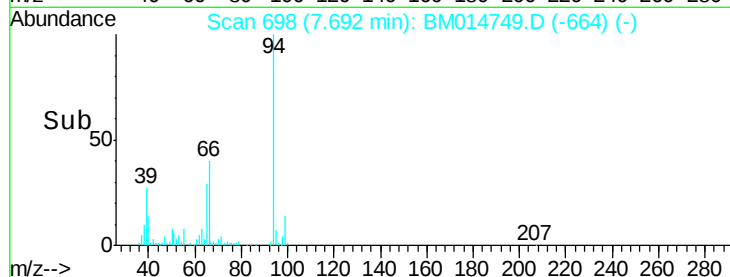
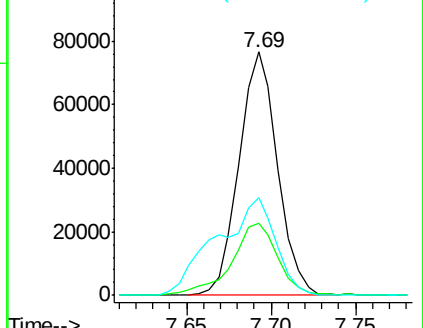
66 40.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014735.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM014735.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM014735.D (-691) (-)



#28

Naphthalene

Concen: 1.368 ng/ul

RT: 11.44 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

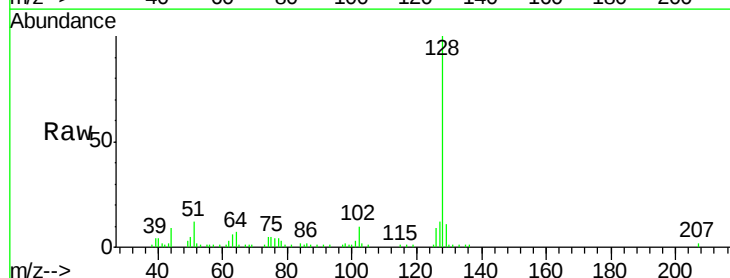
Tgt Ion: 128 Resp: 86053

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

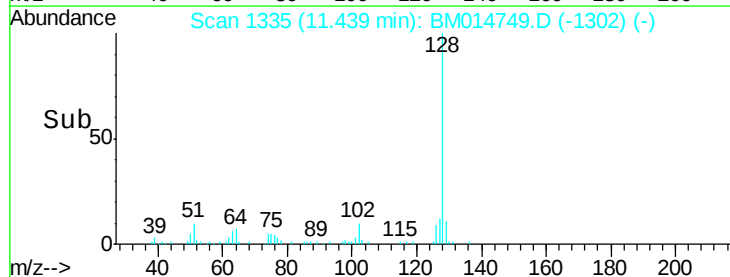
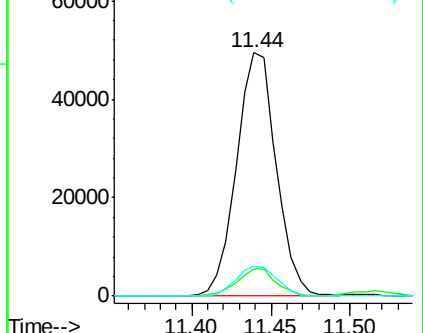
127 12.1 10.6 16.0

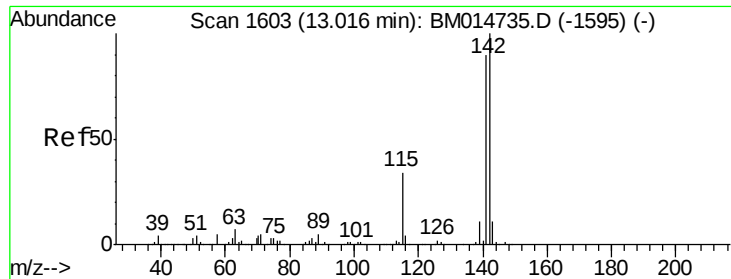


Abundance Ion 128.00 (127.70 to 128.70): BM014735.D (-1327) (-)

Ion 129.00 (128.70 to 129.70): BM014735.D (-1327) (-)

Ion 127.00 (126.70 to 127.70): BM014735.D (-1327) (-)

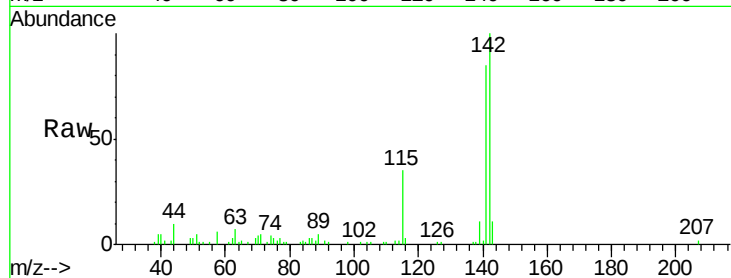




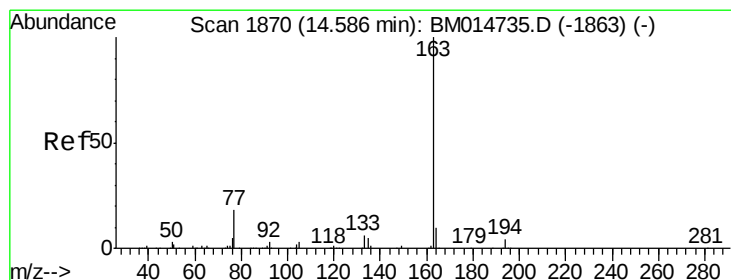
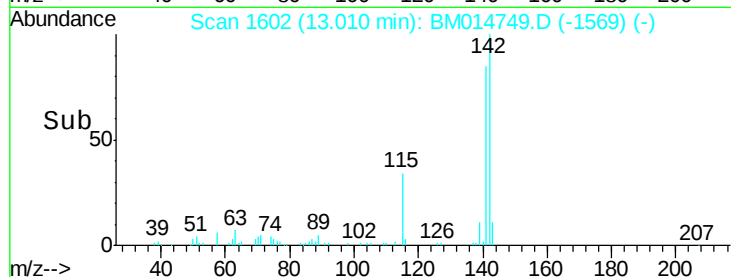
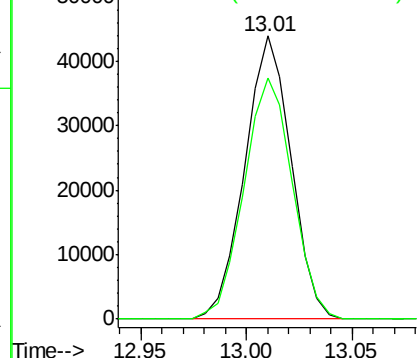
#34
2-Methylnaphthalene
Concen: 1.531 ng/ul
RT: 13.01 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 66873
Ion Ratio Lower Upper
142 100
141 85.3 74.1 111.1

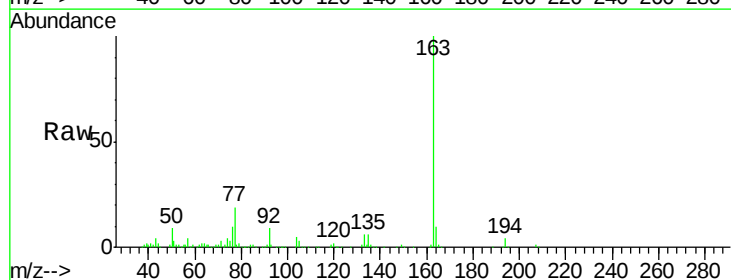


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

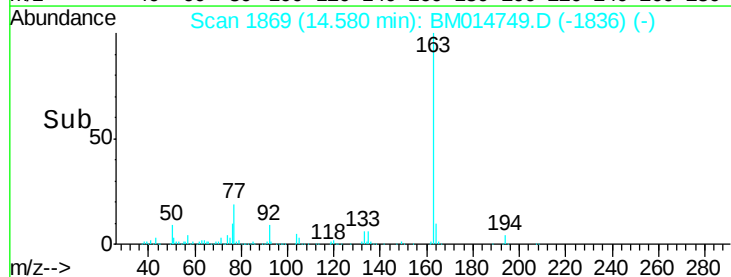
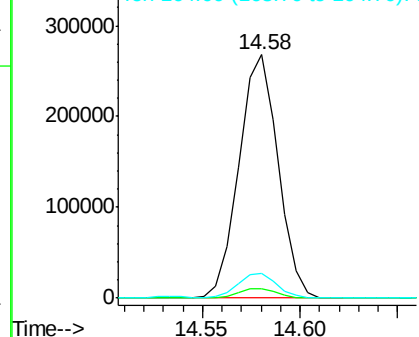


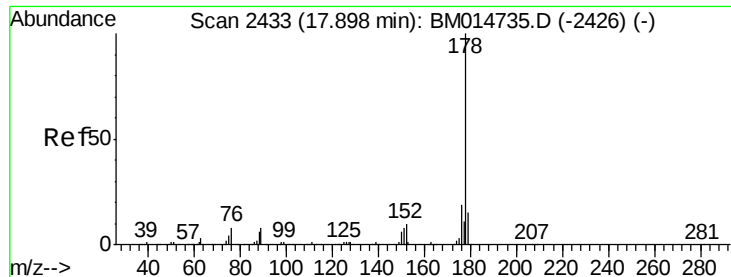
#44
Dimethylphthalate
Concen: 7.008 ng/ul
RT: 14.58 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

Tgt Ion:163 Resp: 371420
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.9 8.2 12.4



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





#69

Phenanthrene

Concen: 6.298 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

Instrument :

BNA_M

ClientSampled :

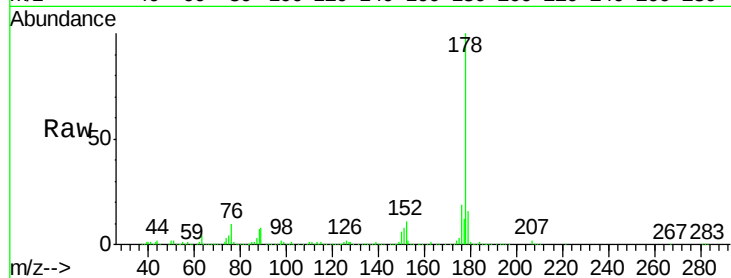
Tot Ion:178 Resp: 518053

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

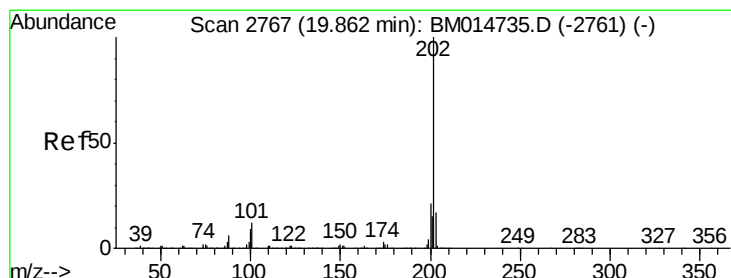
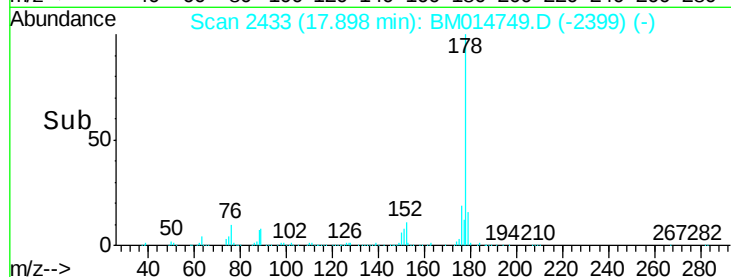
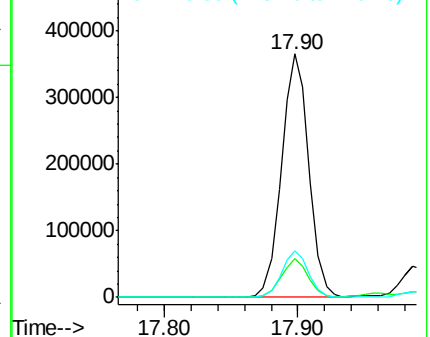
176 19.1 14.9 22.3



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



#74

Fluoranthene

Concen: 12.346 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

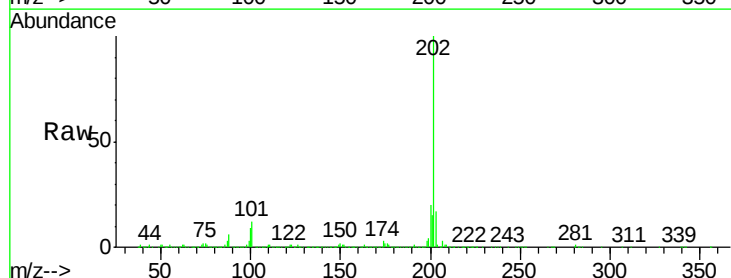
Tgt Ion:202 Resp: 1107249

Ion Ratio Lower Upper

202 100

101 11.6 4.6 7.0#

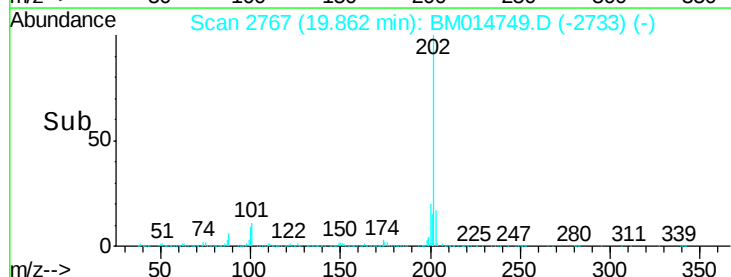
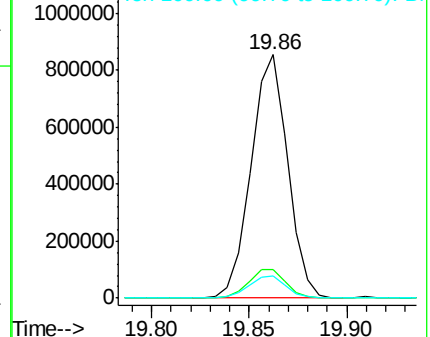
100 9.0 3.4 5.2#

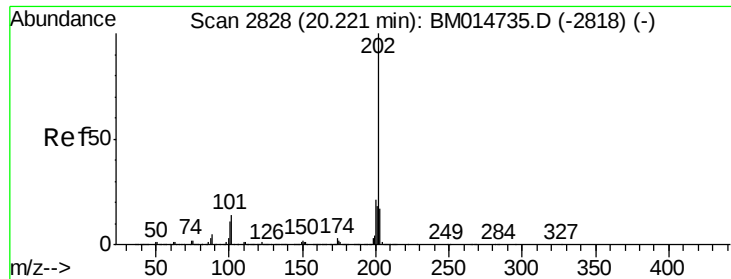


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 11.026 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

Instrument :

BNA_M

ClientSampleId :

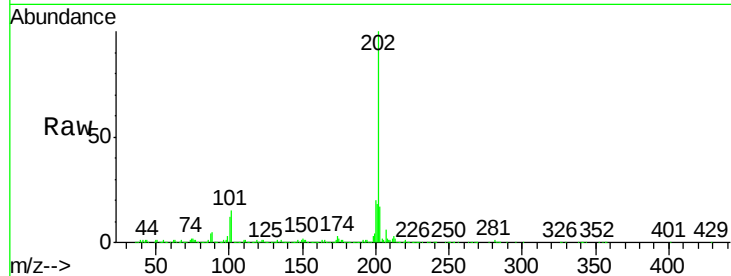
Tot Ion:202 Resp: 976396

Ion Ratio Lower Upper

202 100

101 14.7 5.1 7.7#

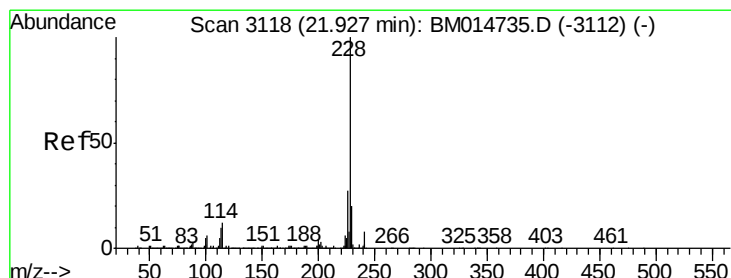
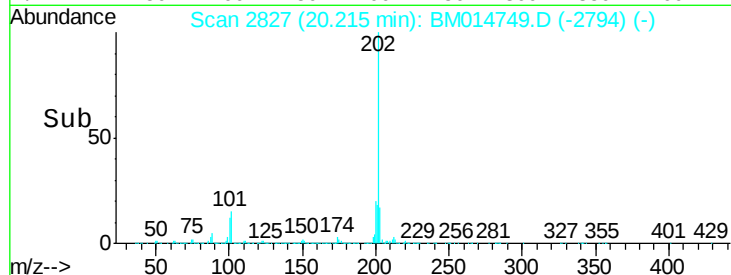
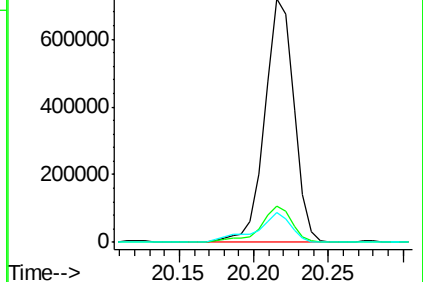
100 12.0 4.9 7.3#



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: 5.780 ng/ul

RT: 21.93 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

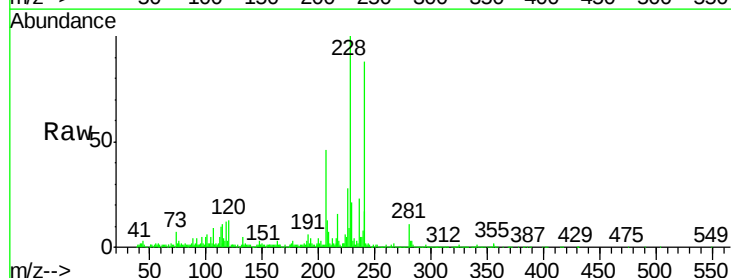
Tgt Ion:228 Resp: 512278

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.0

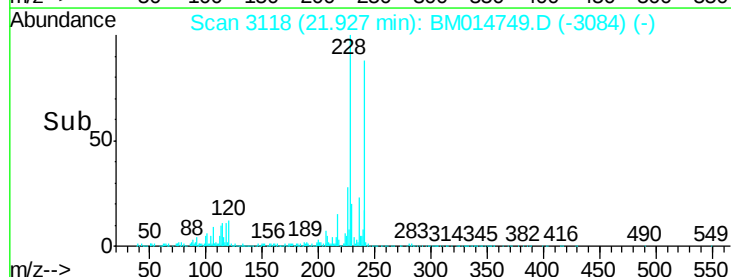
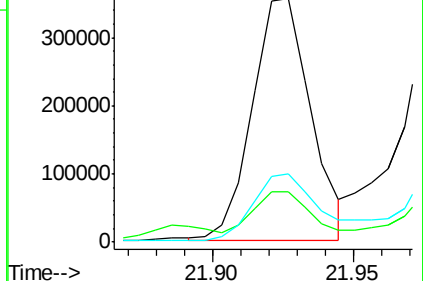
226 28.0 21.4 32.0

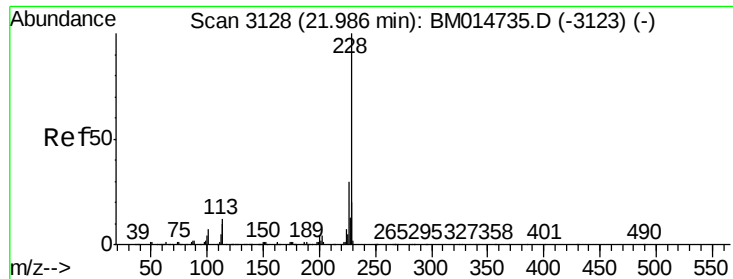


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 6.845 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

Instrument :

BNA_M

ClientSampleId :

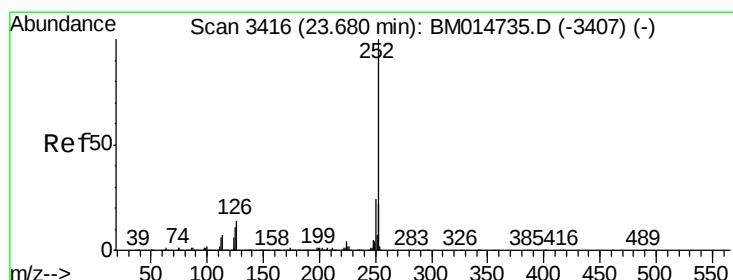
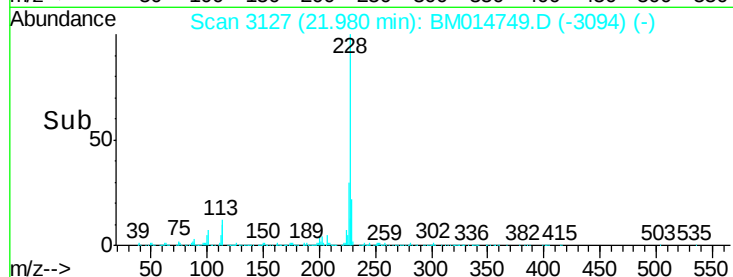
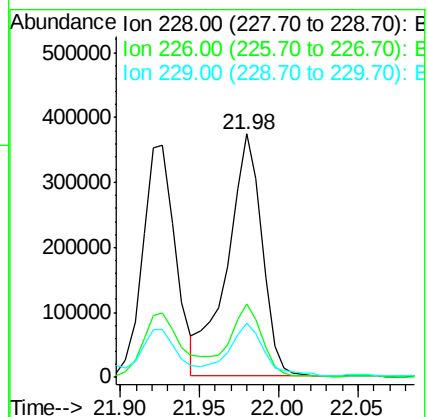
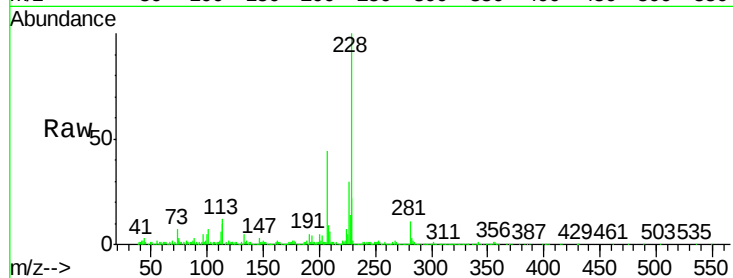
Tot Ion:228 Resp: 567913

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

229 22.5 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 9.123 ng/ul

RT: 23.67 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

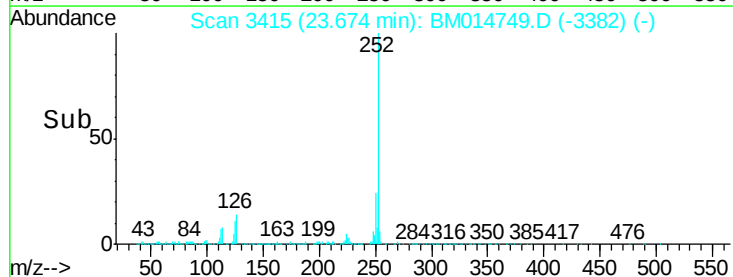
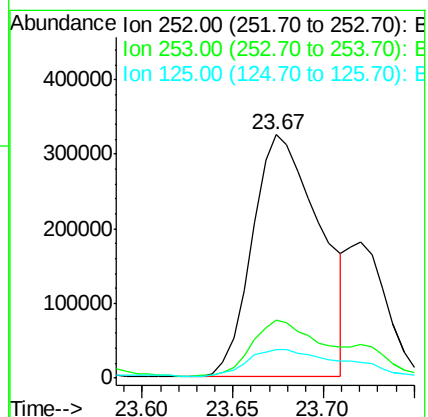
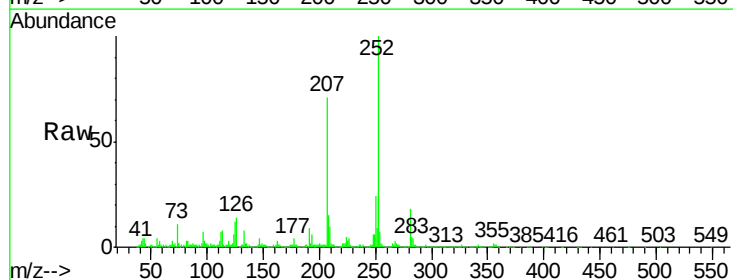
Tgt Ion:252 Resp: 841576

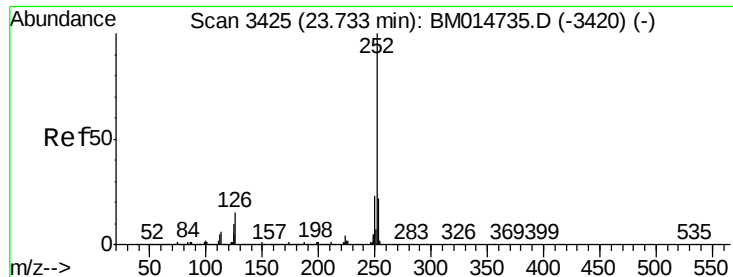
Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

125 11.6 3.6 5.4#

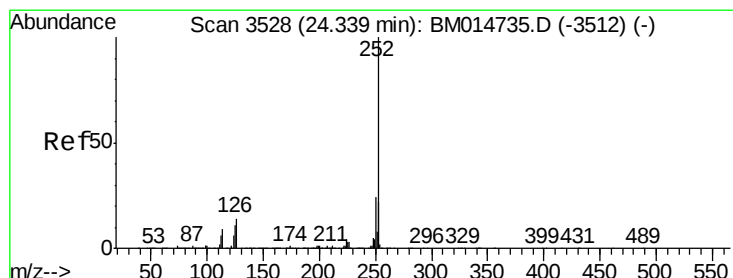
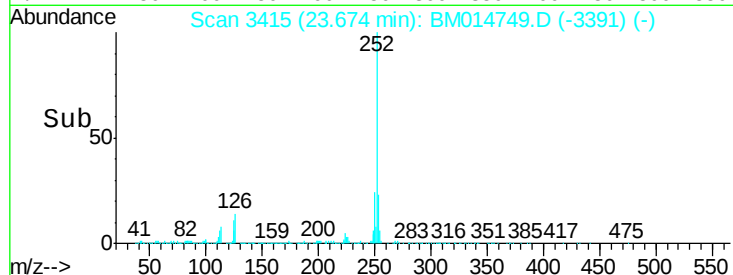
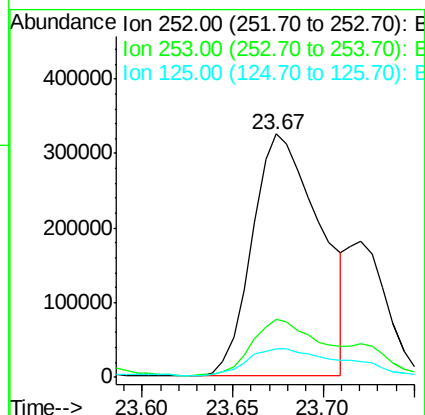
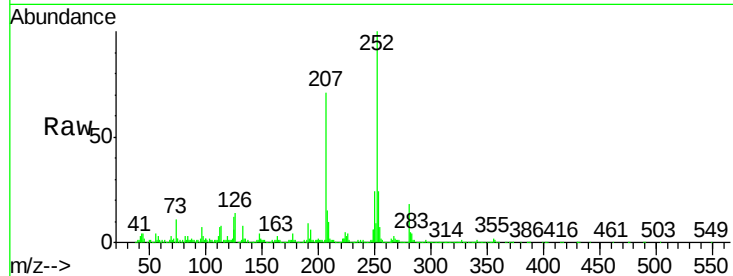




#86
Benzo(k)fluoranthene
Concen: 9.488 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.06 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

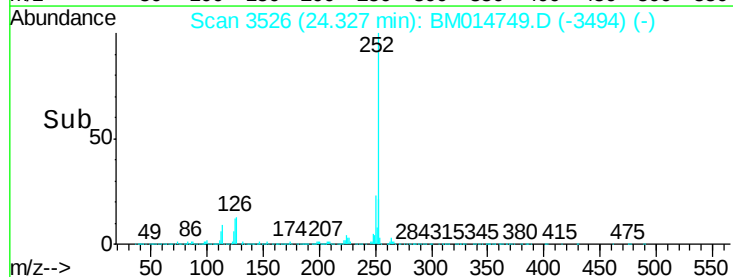
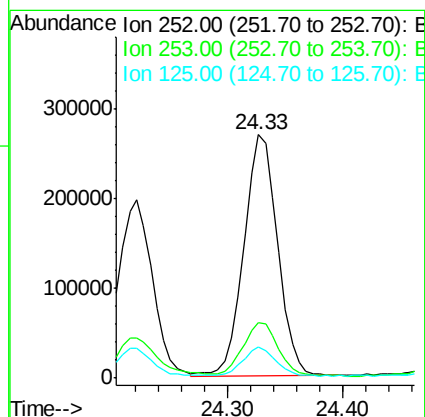
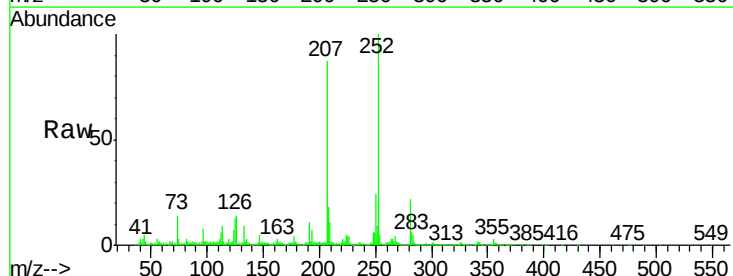
Instrument :
BNA_M
ClientSampleId :

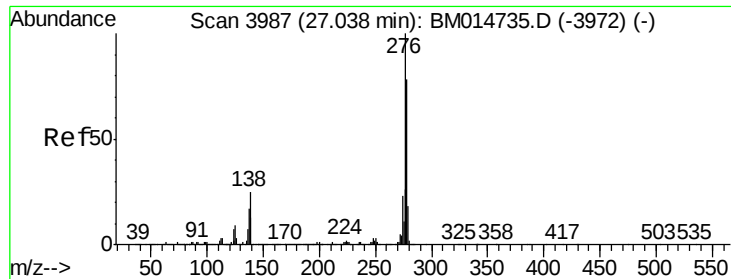
Tot Ion:252 Resp: 841576
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 11.6 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 6.234 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

Tgt Ion:252 Resp: 545480
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 12.7 4.0 6.0#



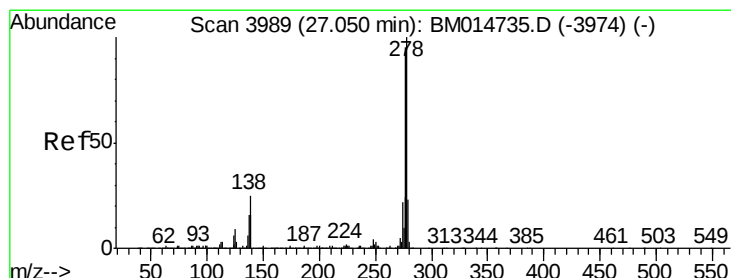
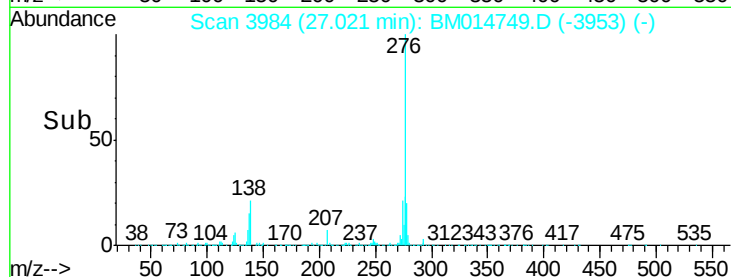
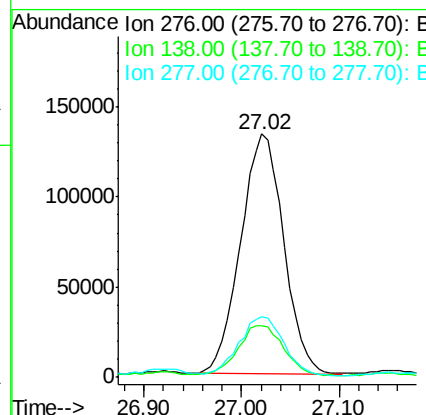
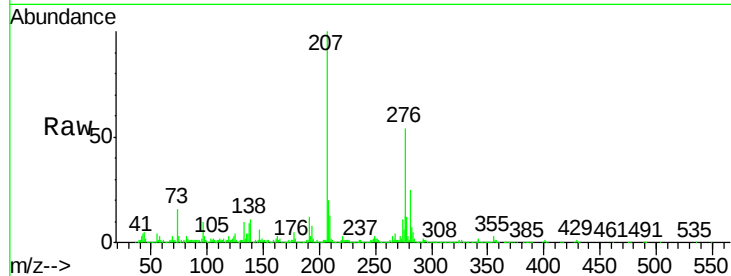


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.872 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.02 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

Instrument :
BNA_M
ClientSampleId :

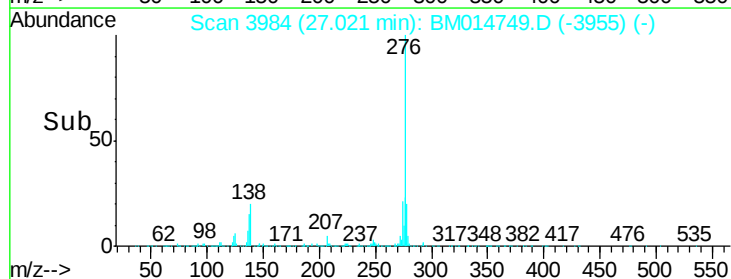
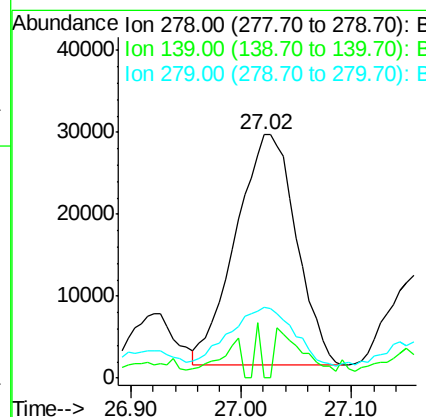
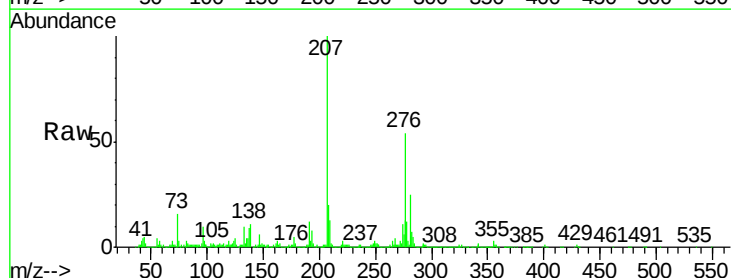
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	9.3	13.9#
277	24.6	19.9	29.9

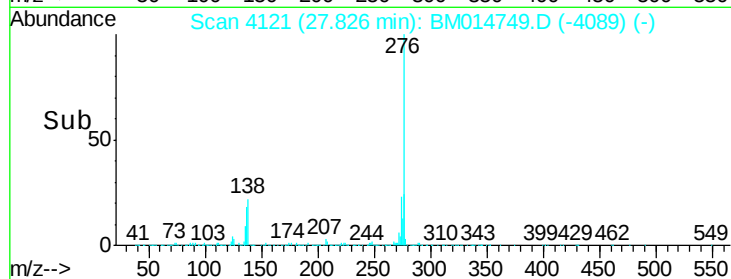
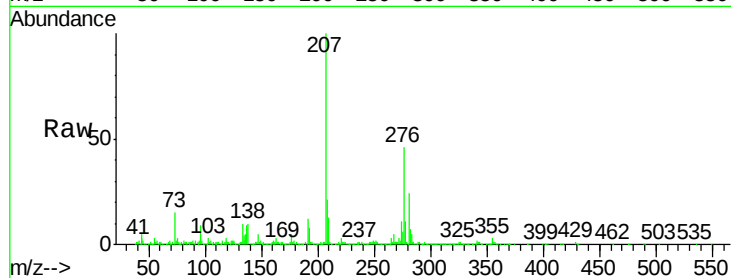
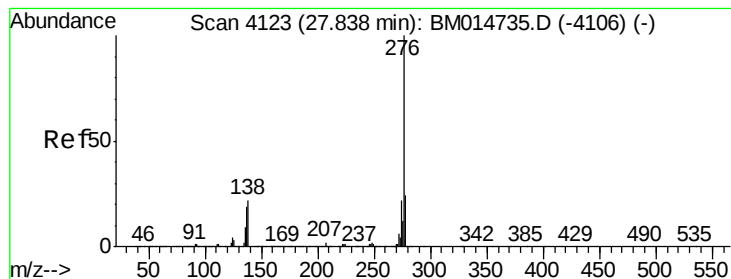


#90

Dibenzo(a,h)anthracene
Concen: 1.204 ng/ul
RT: 27.02 min Scan# 3984
Delta R.T. -0.03 min
Lab File: BM014749.D
Acq: 20 Apr 2018 00:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.8	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 4.489 ng/ul

RT: 27.83 min Scan# 4121

Delta R.T. -0.01 min

Lab File: BM014749.D

Acq: 20 Apr 2018 00:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 390953

Ion Ratio Lower Upper

276 100

138 22.4 8.5 12.7#

277 25.1 18.6 28.0

