

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014746.D
 Acq On : 19 Apr 2018 22:41
 Operator : SJ/JU
 Sample : J2434-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 20 01:29:09 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	343964	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1479778	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	798318	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1698180	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1675776	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1713690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	25047	3.18	ng/uL	0.00
5) Phenol-d5	7.66	99	466086	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	329379	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	398513	17.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	321865	15.18	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	193297	18.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	187036	17.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	373285	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	463398	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1196745	19.20	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1486295	19.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	129654	11.21	ng/ul	0.00
57) Fluorene-d10	16.12	176	1032699	19.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	98998	10.77	ng/ul	0.00
70) Anthracene-d10	17.95	188	1515179	19.15	ng/ul	0.00
76) Pyrene-d10	20.19	212	1638936	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1589927	18.88	ng/ul	0.00

Target Compounds

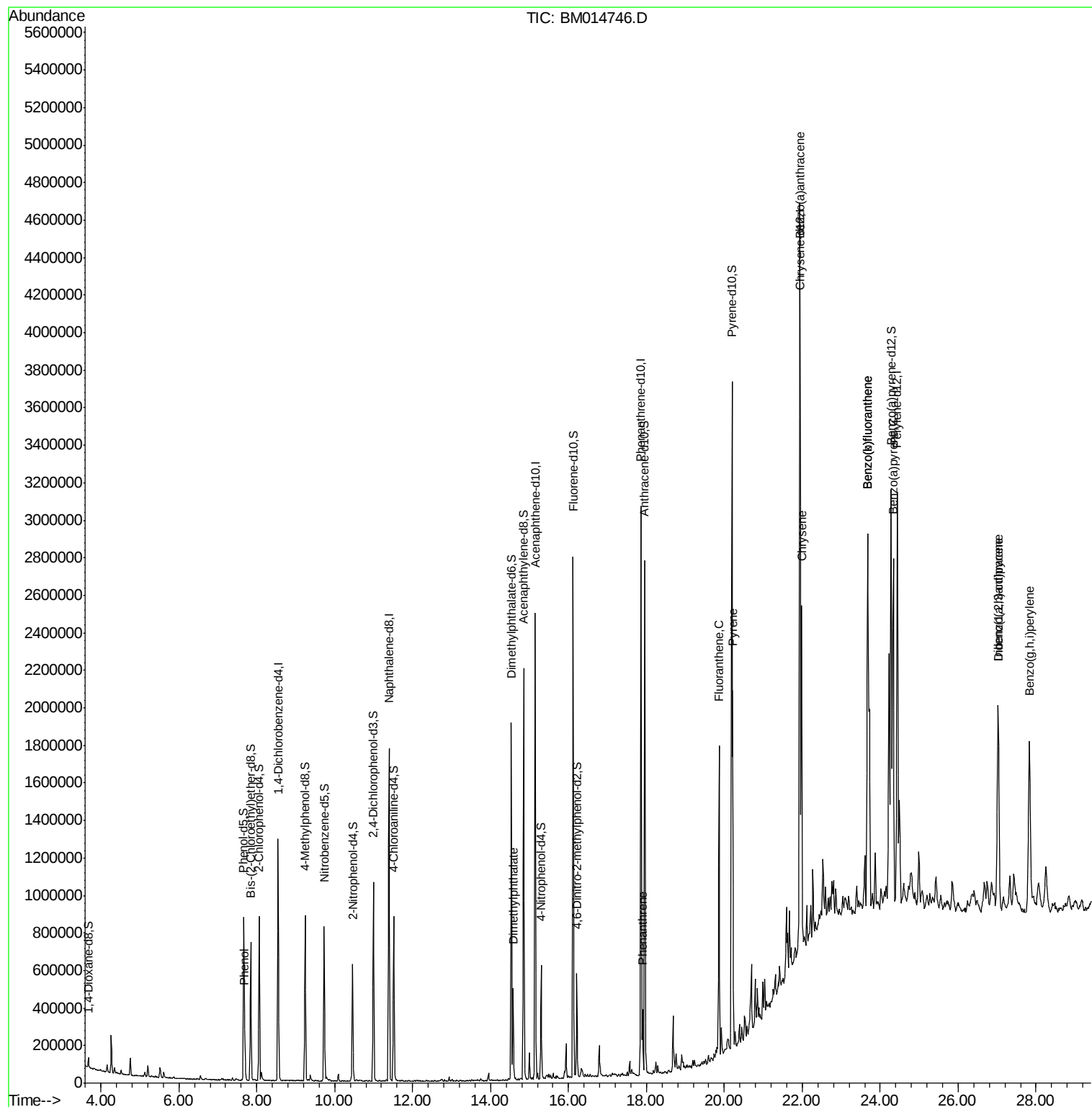
					Ovalue	
6) Phenol	7.69	94	99165	3.790	ng/ul#	80
44) Dimethylphthalate	14.58	163	285703	4.743	ng/ul	99
69) Phenanthrene	17.90	178	196138	2.151	ng/ul	99
74) Fluoranthene	19.86	202	963296	9.688	ng/ul#	84
77) Pyrene	20.22	202	1046187	10.685	ng/ul#	80
80) Benzo(a)anthracene	21.93	228	860504	8.781	ng/ul	98
82) Chrysene	21.98	228	1017285	11.089	ng/ul	97
85) Benzo(b)fluoranthene	23.67	252	1953179	19.334	ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	1953179	20.106	ng/ul#	92
88) Benzo(a)pyrene	24.33	252	1428875	14.911	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.03	276	1099122	9.481	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	279093	2.859	ng/ul#	92
91) Benzo(g,h,i)perylene	27.83	276	1166361	12.230	ng/ul#	90

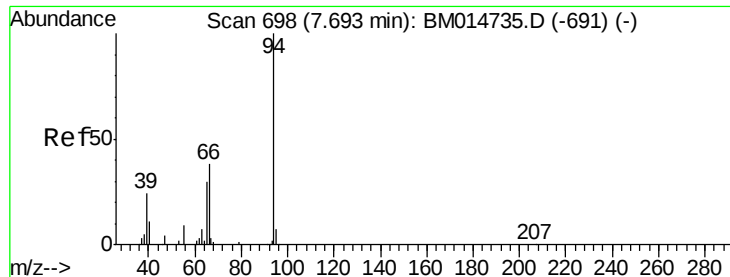
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.790 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

ClientSampleId :

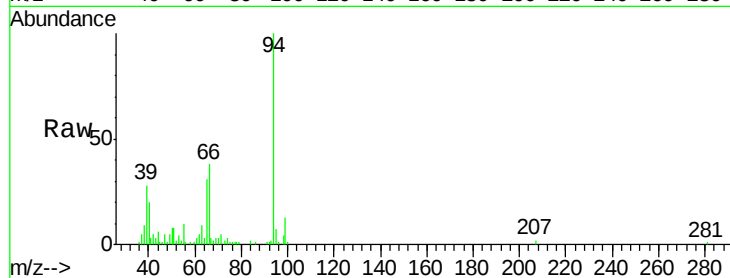
Tot Ion: 94 Resp: 99165

Ion Ratio Lower Upper

94 100

65 31.4 28.2 42.4

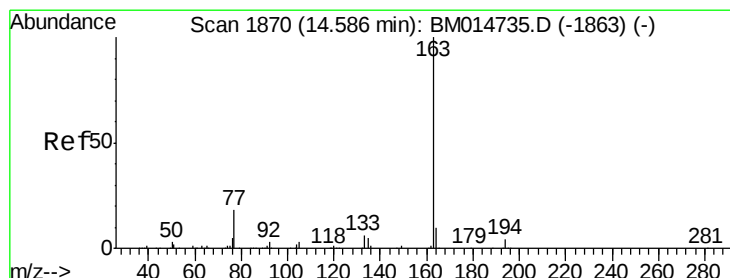
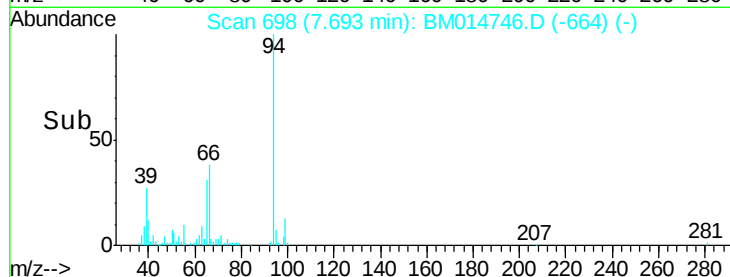
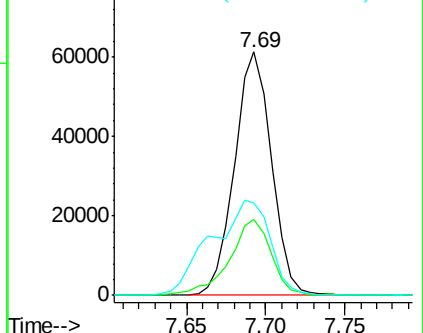
66 38.1 47.2 70.8#



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) (-)



#44

Dimethylphthalate

Concen: 4.743 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

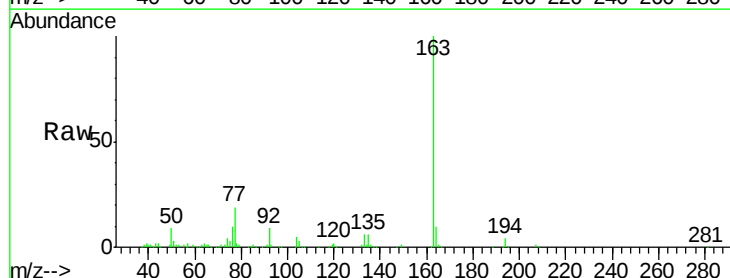
Tgt Ion:163 Resp: 285703

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

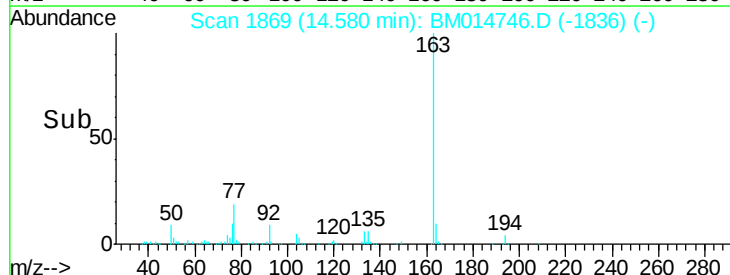
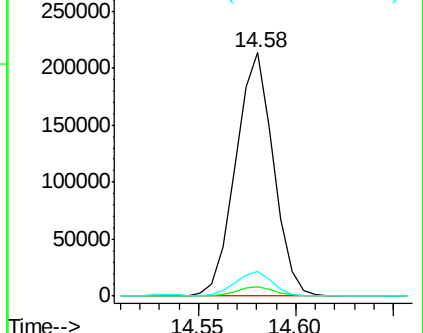
164 10.0 8.2 12.4

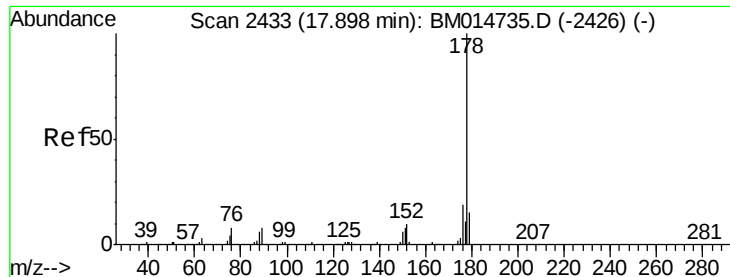


Abundance Ion 163.00 (162.70 to 163.70): BM014735.D (-1863) (-)

Ion 194.00 (193.70 to 194.70): BM014735.D (-1863) (-)

Ion 164.00 (163.70 to 164.70): BM014735.D (-1863) (-)





#69

Phenanthrene

Concen: 2.151 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

ClientSampleId :

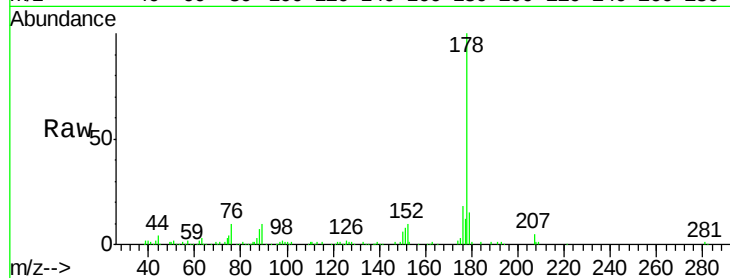
Tot Ion:178 Resp: 196138

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

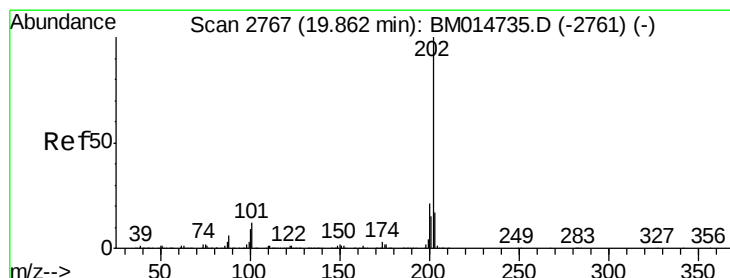
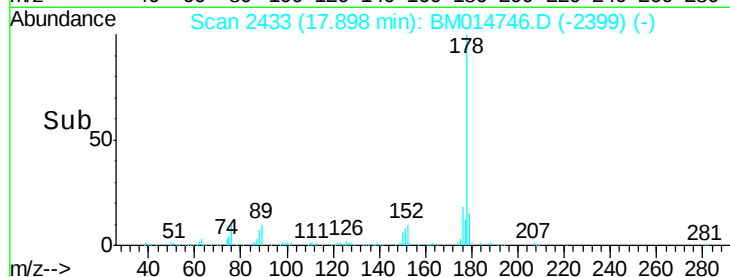
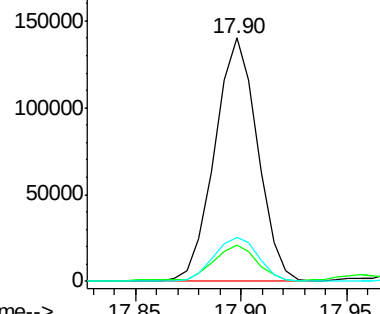
176 18.1 14.9 22.3



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: 9.688 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

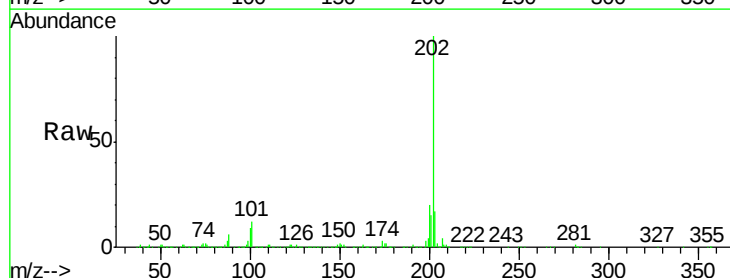
Tgt Ion:202 Resp: 963296

Ion Ratio Lower Upper

202 100

101 11.5 4.6 7.0#

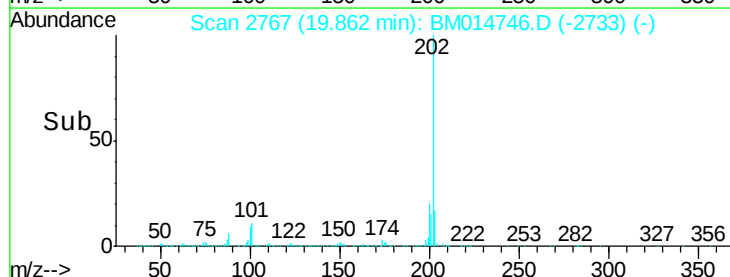
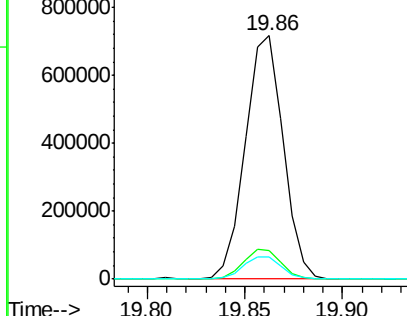
100 9.3 3.4 5.2#

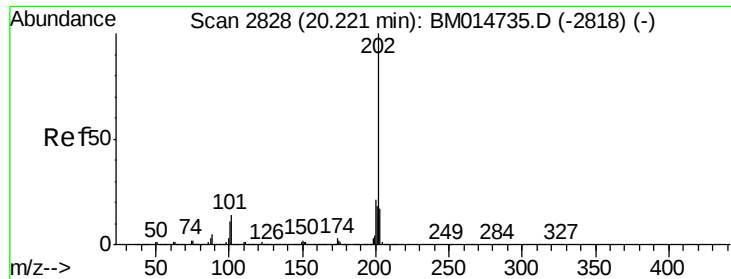


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.685 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

ClientSampleId :

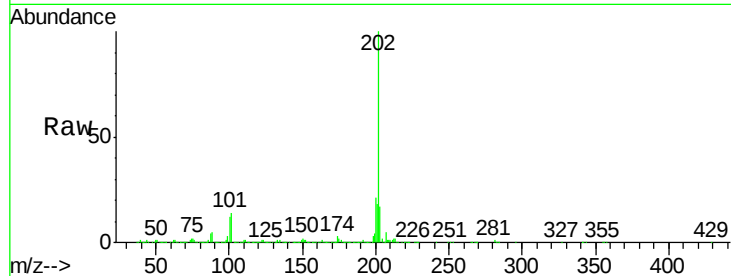
Tot Ion:202 Resp: 1046187

Ion Ratio Lower Upper

202 100

101 14.2 5.1 7.7#

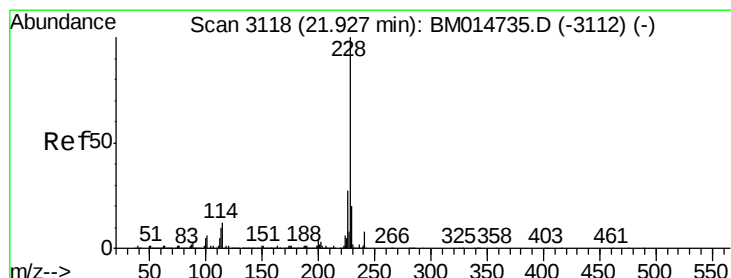
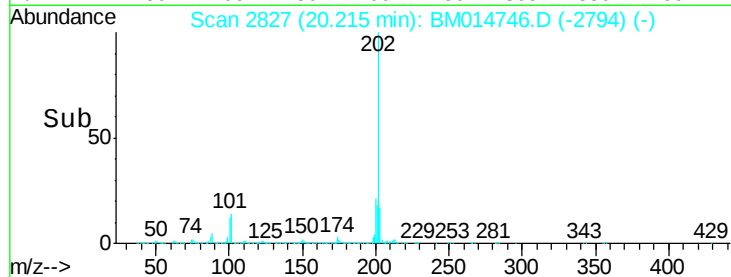
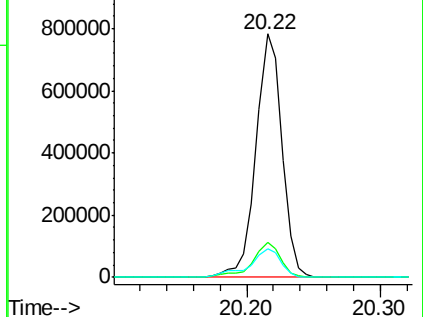
100 11.7 4.9 7.3#



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: 8.781 ng/ul

RT: 21.93 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

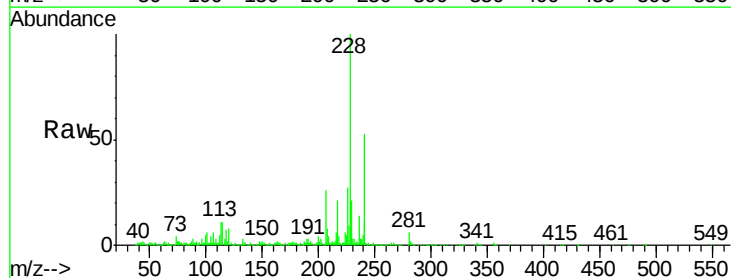
Tgt Ion:228 Resp: 860504

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

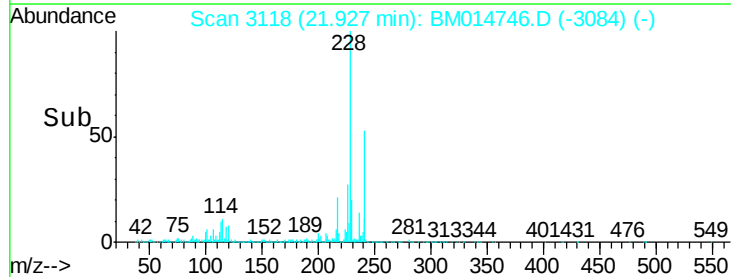
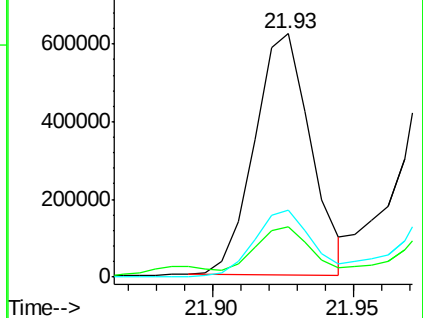
226 27.3 21.4 32.0

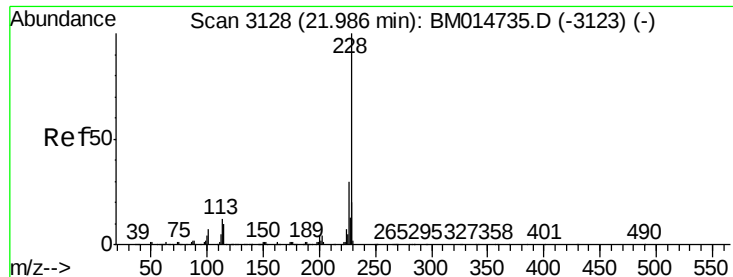


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 11.089 ng/ul

RT: 21.98 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

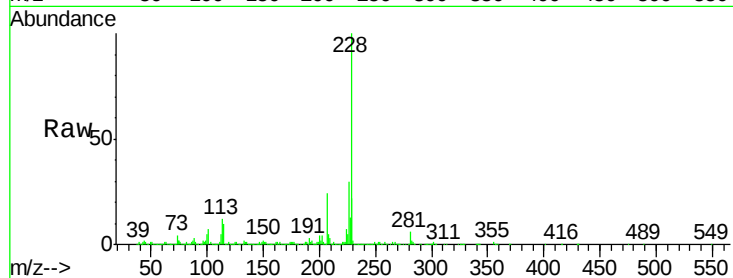
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1017285

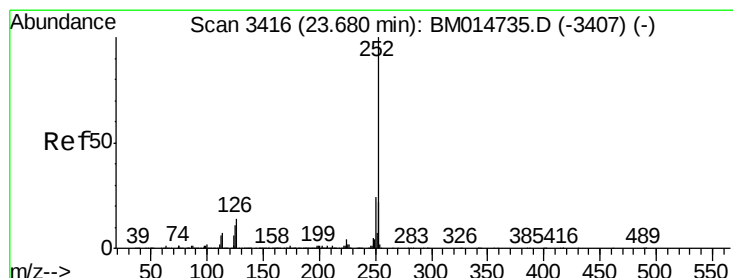
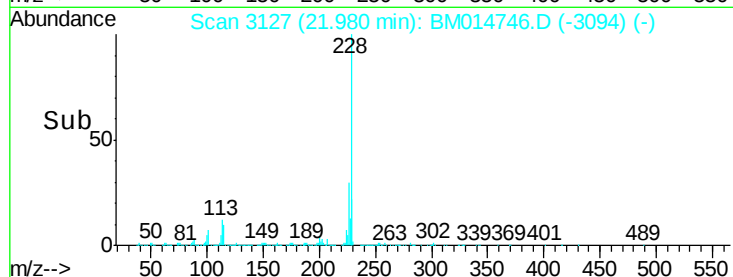
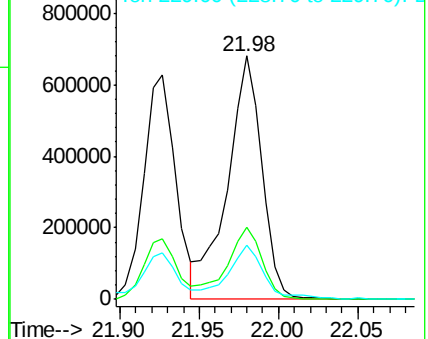
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.1	15.5	23.3



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: 19.334 ng/ul

RT: 23.67 min Scan# 3415

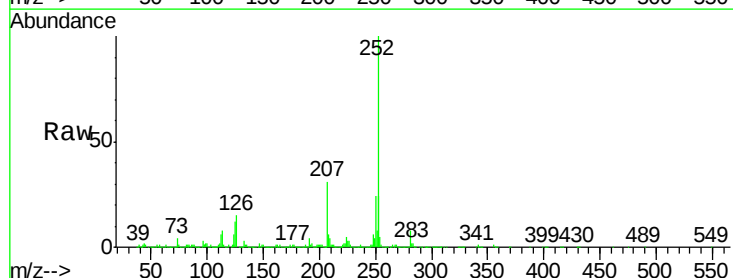
Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Tgt Ion:252 Resp: 1953179

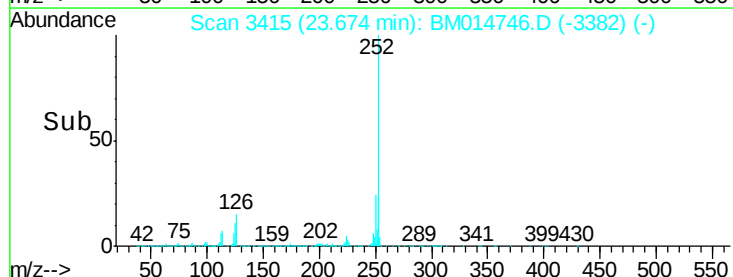
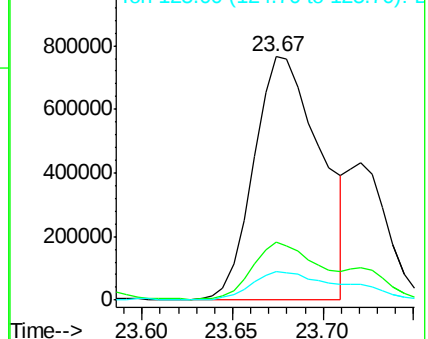
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	11.6	3.6	5.4

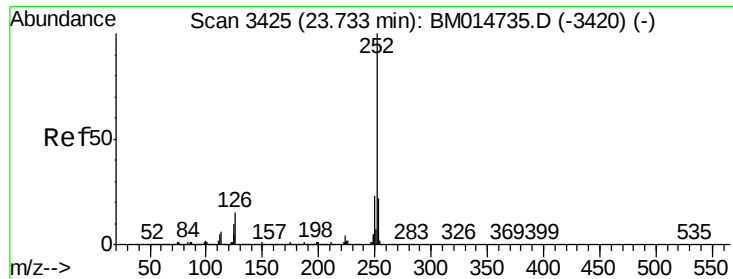


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 20.106 ng/ul

RT: 23.67 min Scan# 3415

Delta R.T. -0.06 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

ClientSampleId :

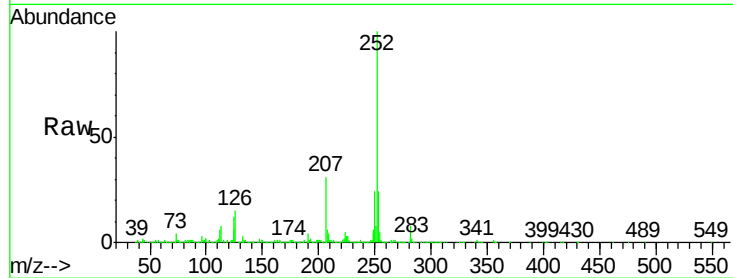
Tot Ion:252 Resp: 1953179

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

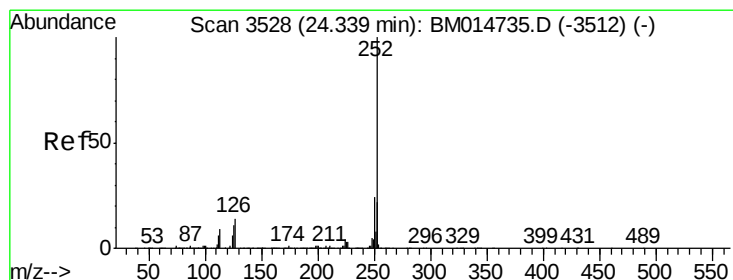
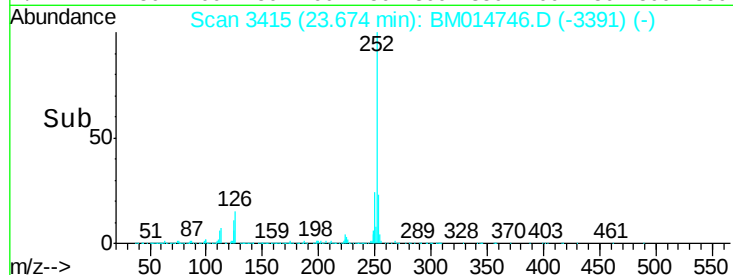
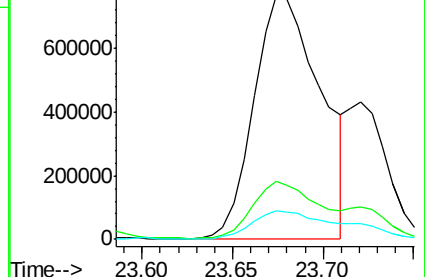
125 11.6 3.4 5.2#



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: 14.911 ng/ul

RT: 24.33 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

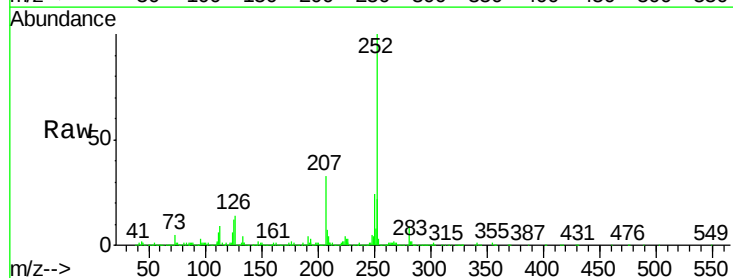
Tgt Ion:252 Resp: 1428875

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

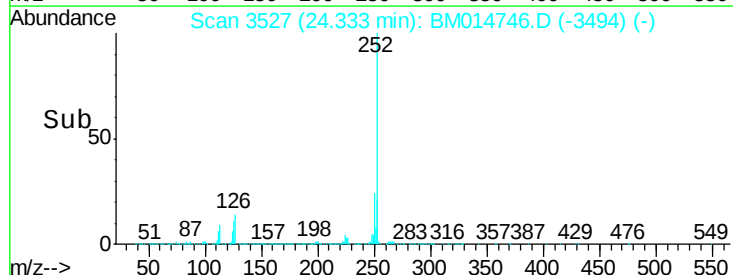
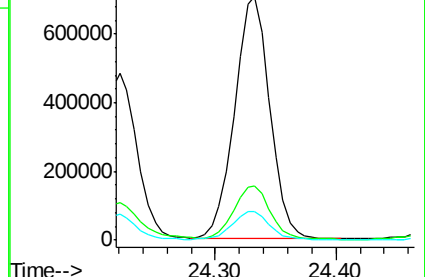
125 11.6 4.0 6.0#

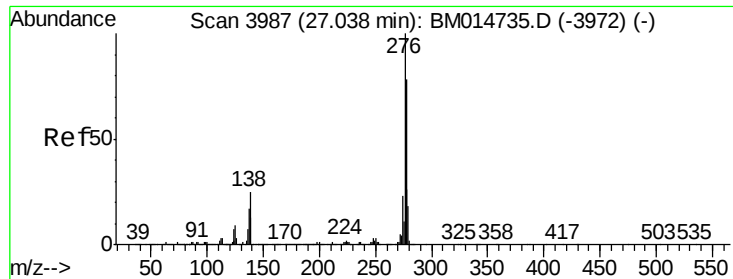


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



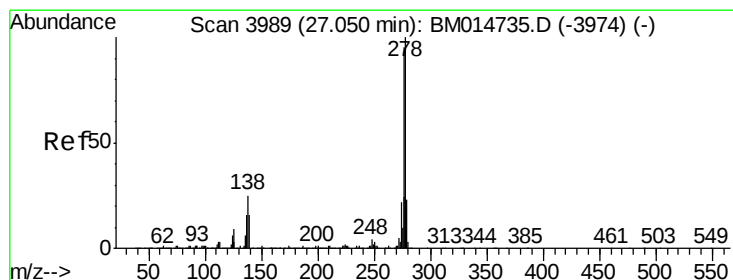
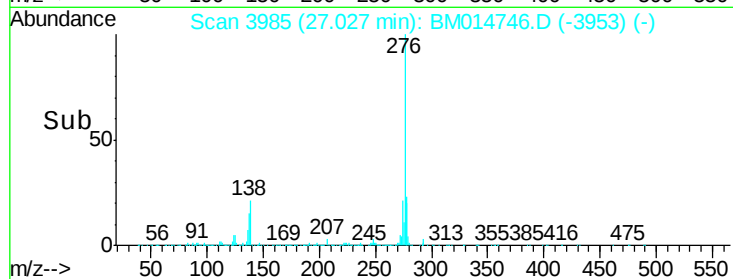
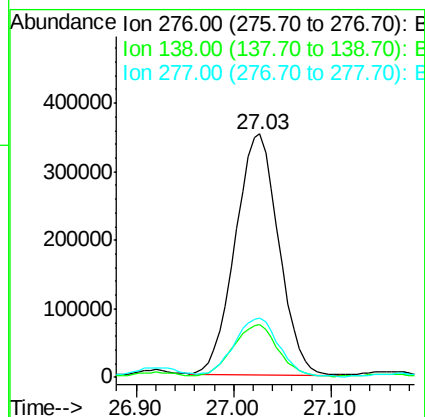
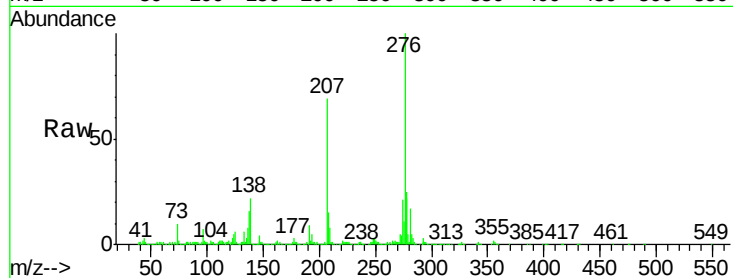


#89

Indeno(1,2,3-cd)pyrene
Concen: 9.481 ng/ul
RT: 27.03 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Instrument :
BNA_M
ClientSampleId :

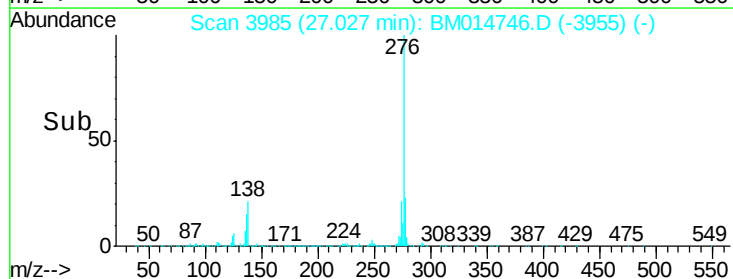
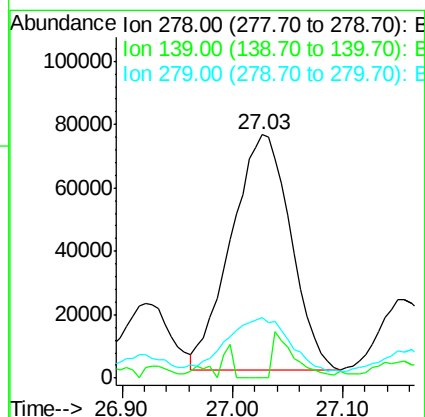
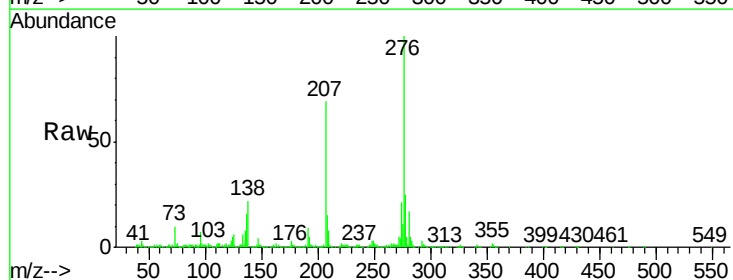
Tot Ion:276 Resp: 1099122
Ion Ratio Lower Upper
276 100
138 21.5 9.3 13.9#
277 24.6 19.9 29.9

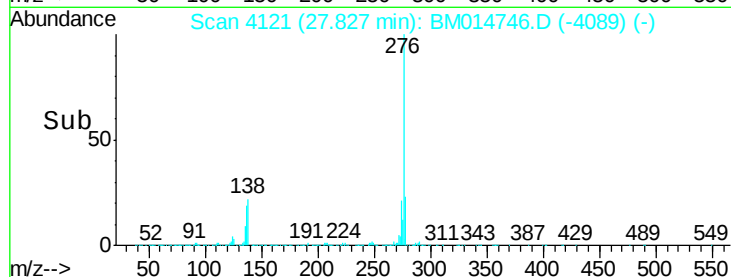
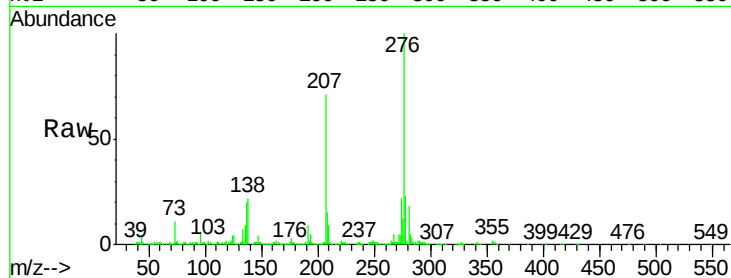
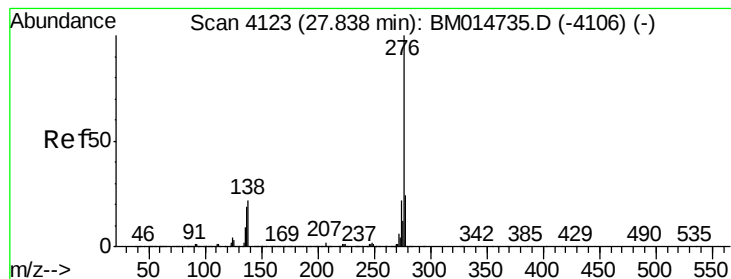


#90

Dibenzo(a,h)anthracene
Concen: 2.859 ng/ul
RT: 27.03 min Scan# 3985
Delta R.T. -0.02 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Tgt Ion:278 Resp: 279093
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 25.0 18.6 27.8





#91

Benzo(a,h,i)perylene

Concen: 12.230 ng/ul

RT: 27.83 min Scan# 4121

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1166361

Ion Ratio Lower Upper

276 100

138 22.5 8.5 12.7#

277 23.0 18.6 28.0

