

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014847.D
 Acq On : 25 Apr 2018 23:12
 Operator : SJ/JU
 Sample : J2431-08DL2 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 26 02:04:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	269192	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1113951	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	590439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1271463	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1333112	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1418384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	1292	0.21	ng/uL	0.00
5) Phenol-d5	7.62	99	19978	0.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	15646	1.17	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	15919	0.91	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	14459	0.87	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	6991	0.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	6034	0.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.96	165	13416	0.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	18834	1.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	44435	0.96	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	44664	0.78	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	4065	0.48	ng/ul	0.00
57) Fluorene-d10	16.08	176	42273	1.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	2369	0.34	ng/ul	0.00
70) Anthracene-d10	17.92	188	59459	1.00	ng/ul	0.00
76) Pyrene-d10	20.16	212	65223	1.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	70886	1.02	ng/ul	-0.01

Target Compounds

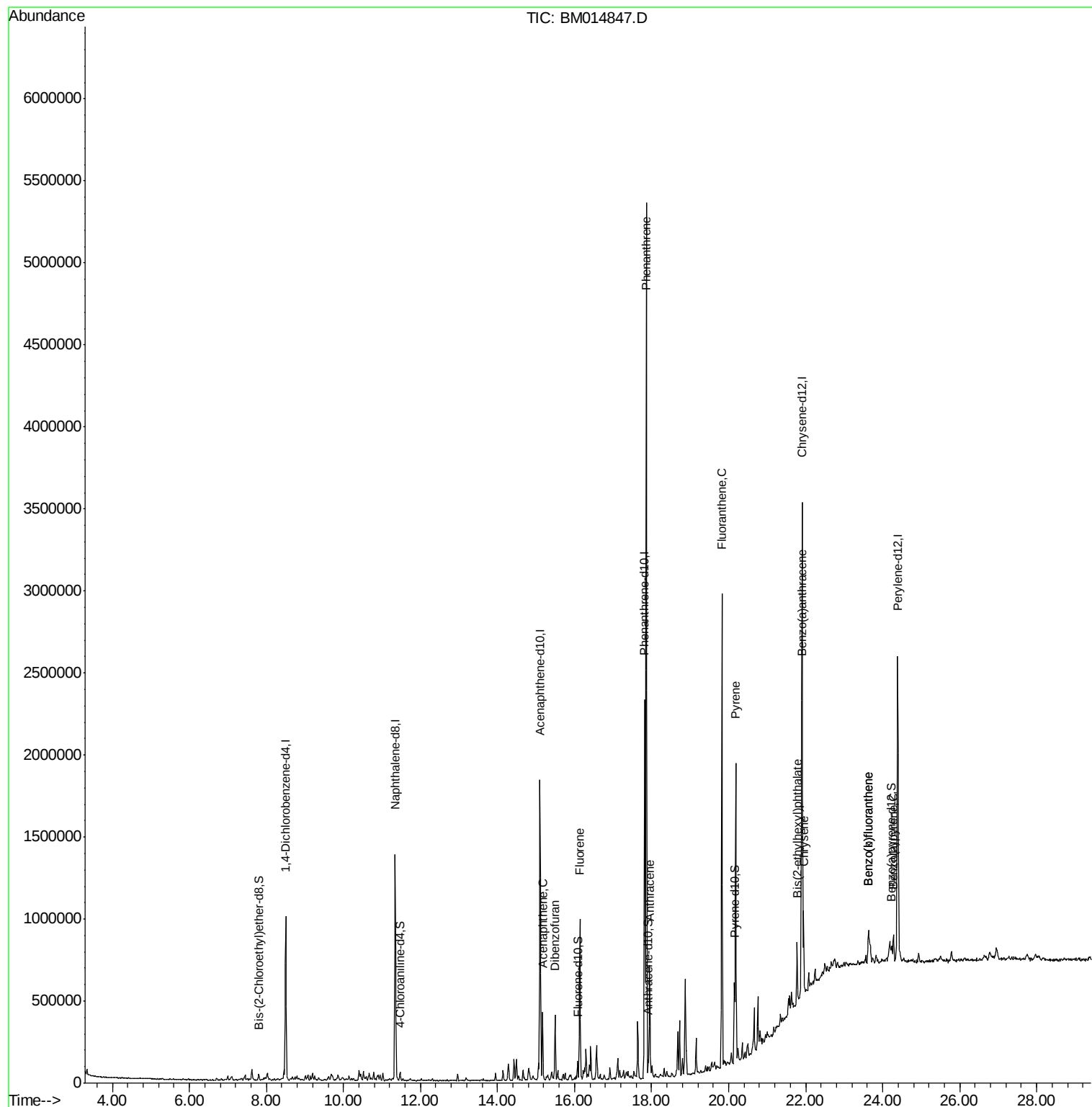
					Ovalue	
49) Acenaphthene	15.17	153	150584	3.843	ng/ul	96
53) Dibenzofuran	15.50	168	234116	4.302	ng/ul	98
58) Fluorene	16.14	166	418305	9.520	ng/ul	98
69) Phenanthrene	17.86	178	3051246	44.685	ng/ul	99
71) Anthracene	17.95	178	395316	5.705	ng/ul	98
74) Fluoranthene	19.83	202	1548121	20.795	ng/ul#	81
77) Pyrene	20.19	202	1064335	13.664	ng/ul#	80
80) Benzo(a)anthracene	21.89	228	324848	4.167	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	111375	2.388	ng/ul#	96
82) Chrysene	21.94	228	272196	3.730	ng/ul	97
85) Benzo(b)fluoranthene	23.63	252	199837	2.390	ng/ul#	95
86) Benzo(k)fluoranthene	23.63	252	199837	2.485	ng/ul#	94
88) Benzo(a)pyrene	24.28	252	121524	1.532	ng/ul#	91

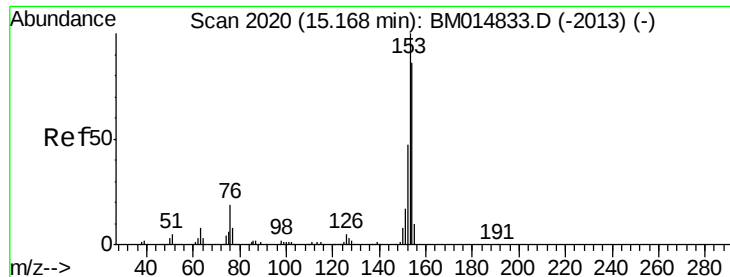
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 26 01:59:14 2018
Response via : Initial Calibration





#49

Acenaphthene

Concen: 3.843 ng/ul

RT: 15.17 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

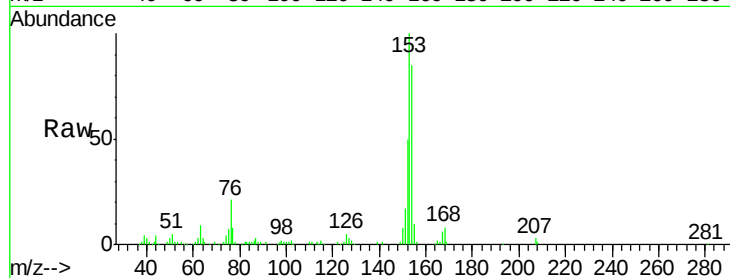
Tot Ion:153 Resp: 150584

Ion Ratio Lower Upper

153 100

152 50.4 37.6 56.4

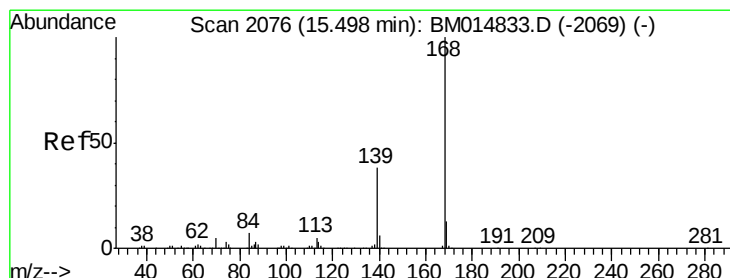
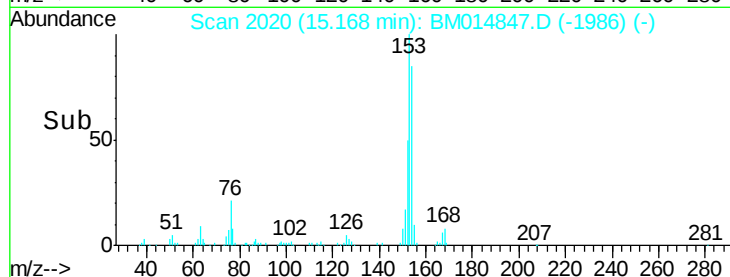
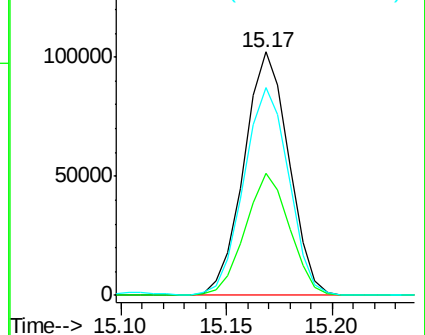
154 85.2 70.4 105.6



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

Dibenzofuran

Concen: 4.302 ng/ul

RT: 15.50 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM014847.D

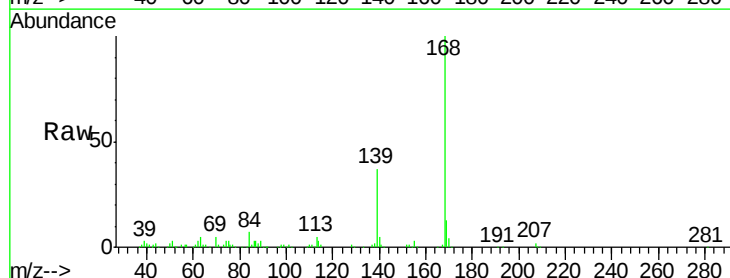
Acq: 25 Apr 2018 23:12

Tgt Ion:168 Resp: 234116

Ion Ratio Lower Upper

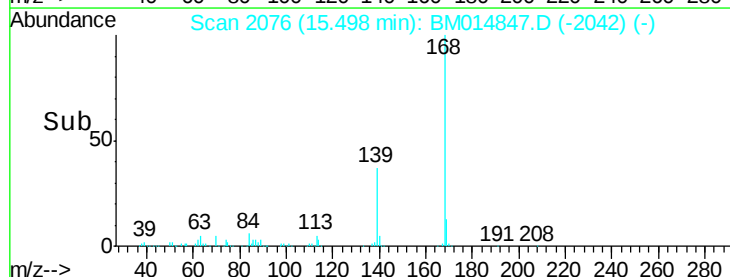
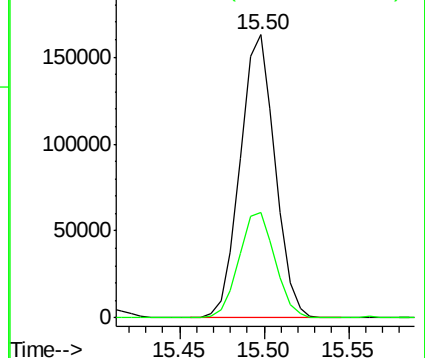
168 100

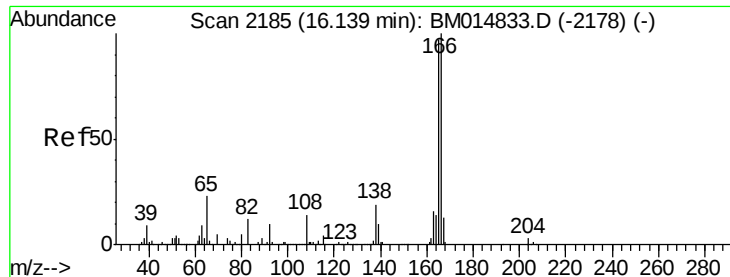
139 37.5 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 9.520 ng/ul

RT: 16.14 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

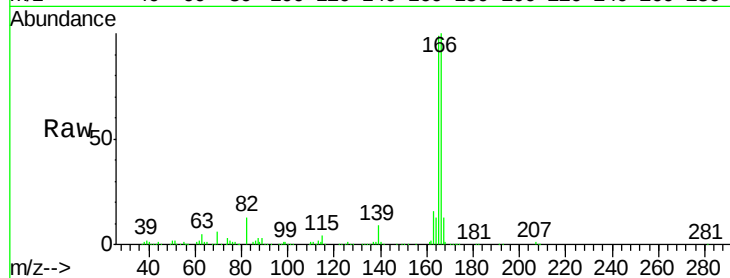
Tot Ion:166 Resp: 418305

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

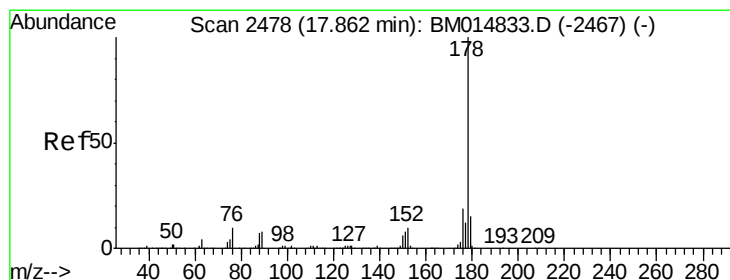
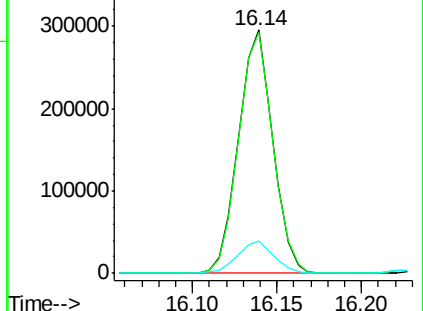
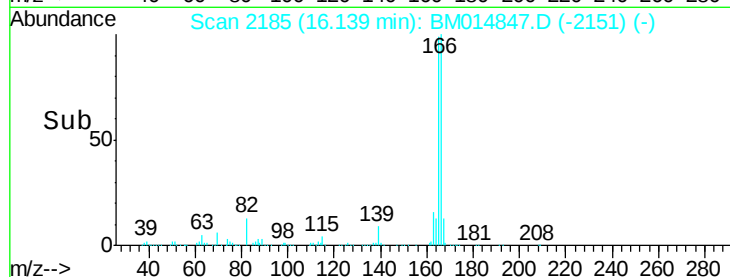
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 44.685 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

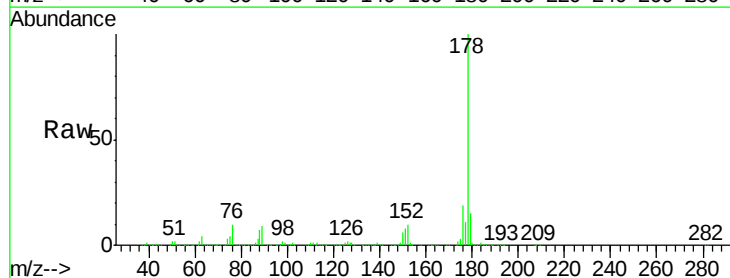
Tgt Ion:178 Resp: 3051246

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

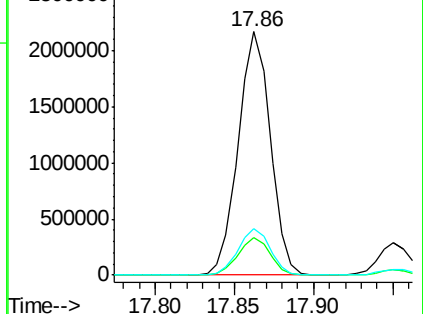
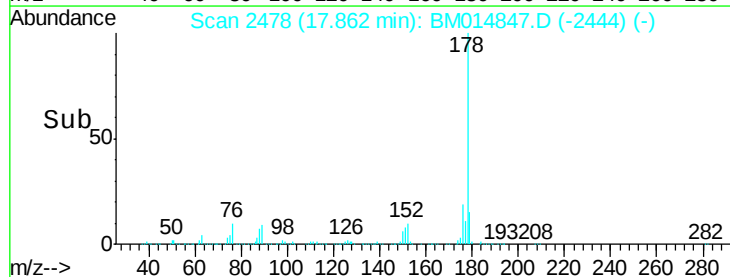
176 19.1 14.9 22.3

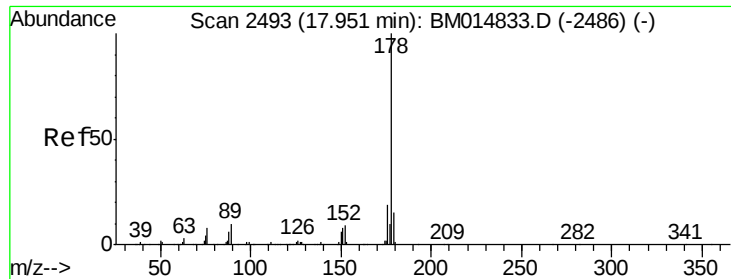


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 5.705 ng/ul

RT: 17.95 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

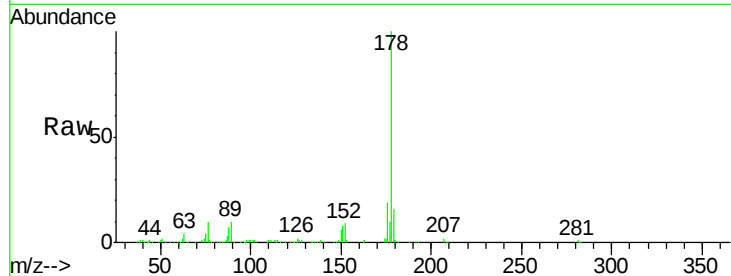
Tot Ion:178 Resp: 395316

Ion Ratio Lower Upper

178 100

179 15.6 11.7 17.5

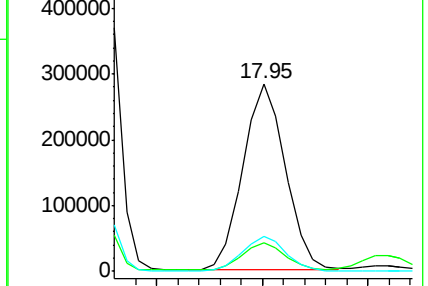
176 18.6 14.6 21.8



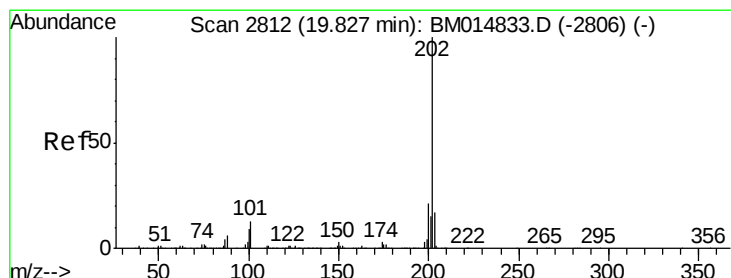
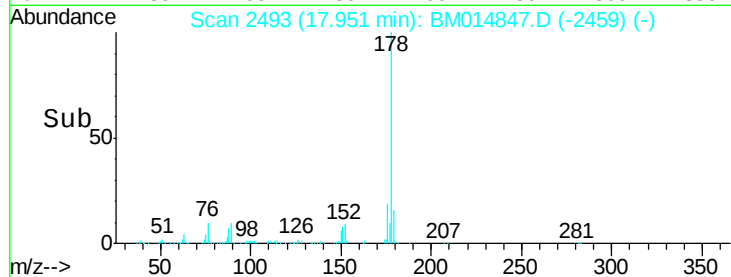
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 20.795 ng/ul

RT: 19.83 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

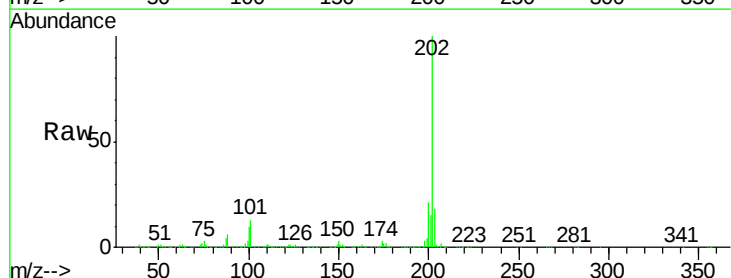
Tgt Ion:202 Resp: 1548121

Ion Ratio Lower Upper

202 100

101 12.9 4.6 7.0#

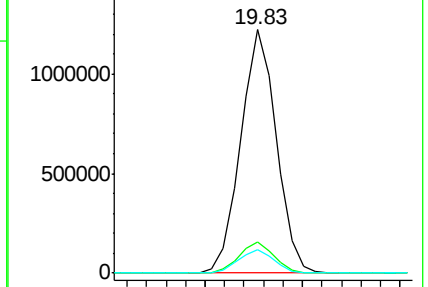
100 9.8 3.4 5.2#



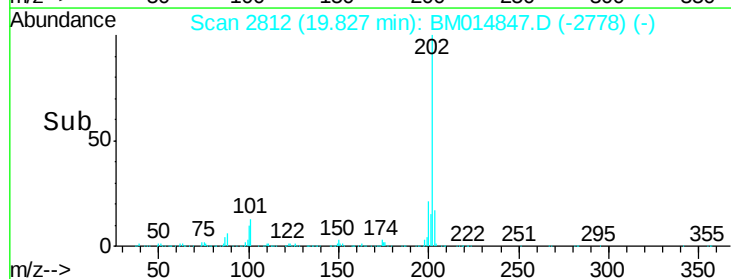
Abundance Ion 202.00 (201.70 to 202.70): E

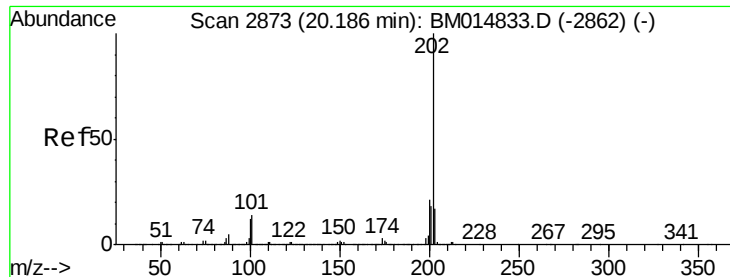
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 13.664 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

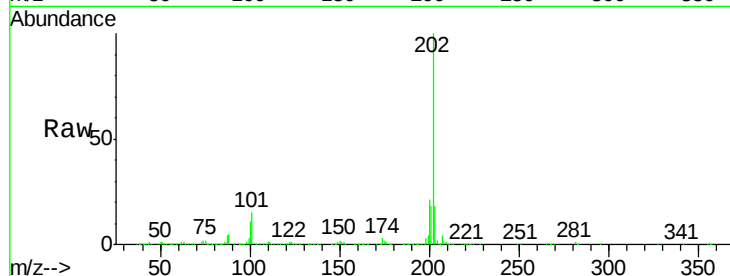
Tot Ion:202 Resp: 1064335

Ion Ratio Lower Upper

202 100

101 14.6 5.1 7.7#

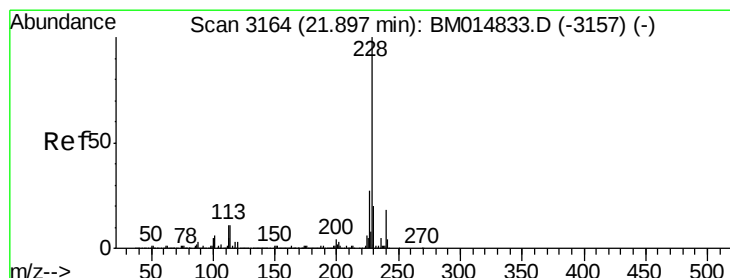
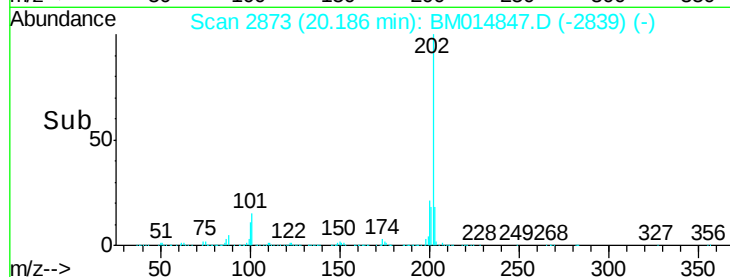
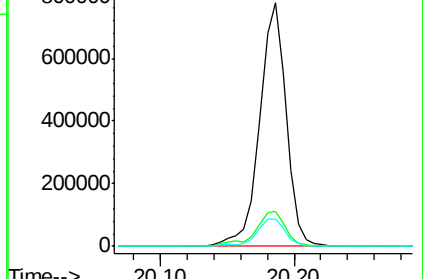
100 11.4 4.9 7.3#



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: 4.167 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

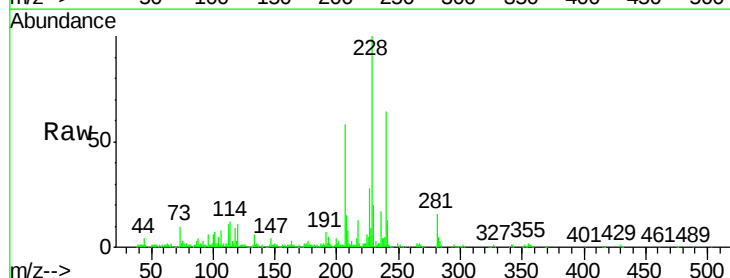
Tgt Ion:228 Resp: 324848

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

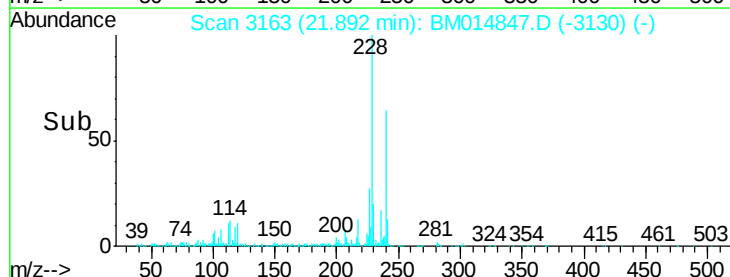
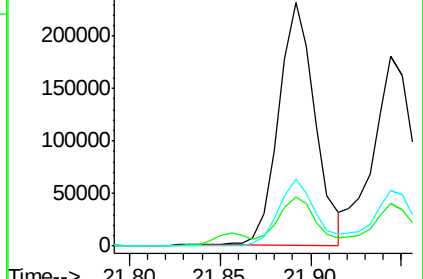
226 27.5 21.4 32.0

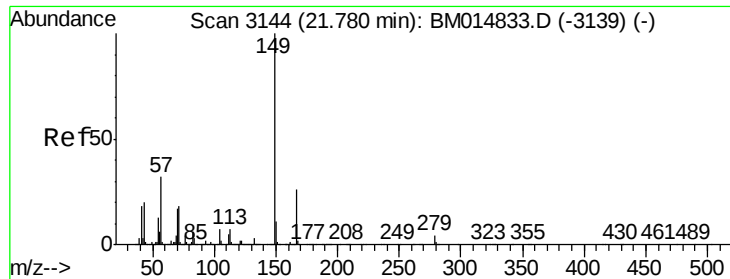


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 2.388 ng/ul

RT: 21.77 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

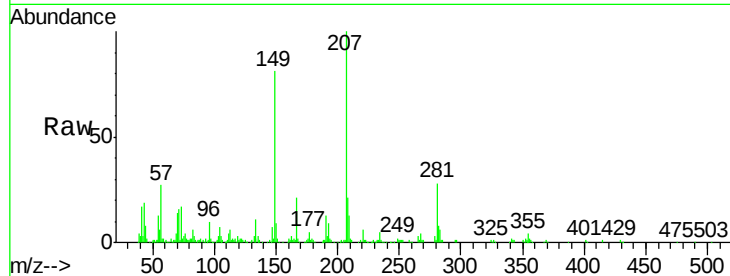
Tot Ion:149 Resp: 111375

Ion Ratio Lower Upper

149 100

167 26.3 22.8 34.2

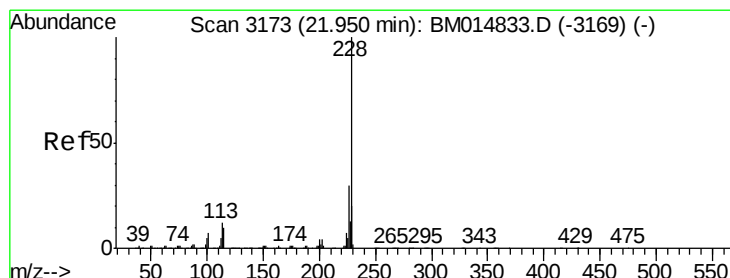
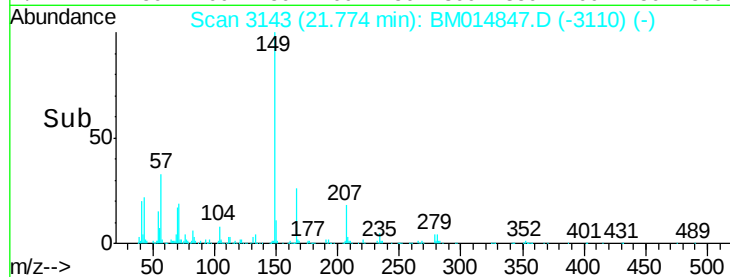
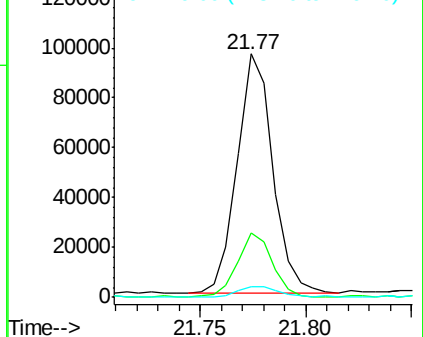
279 4.2 4.9 7.3#



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



#82

Chrysene

Concen: 3.730 ng/ul

RT: 21.94 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

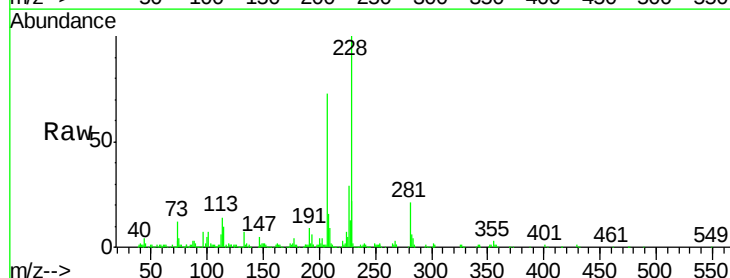
Tgt Ion:228 Resp: 272196

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

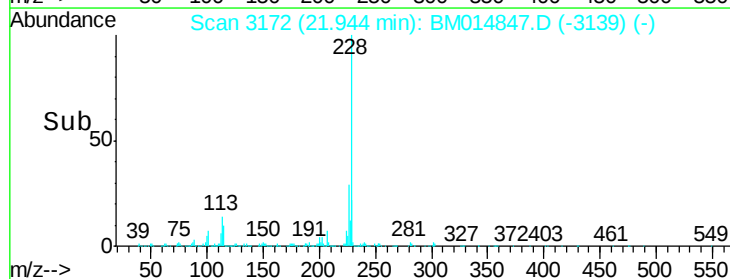
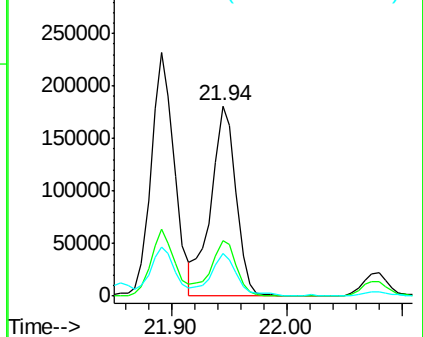
229 22.2 15.5 23.3

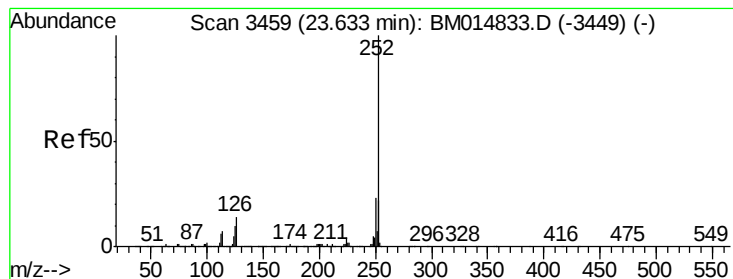


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.390 ng/ul

RT: 23.63 min Scan# 3459

Delta R.T. -0.00 min

Lab File: BM014847.D

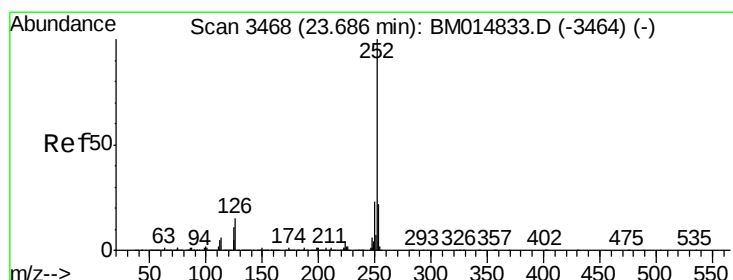
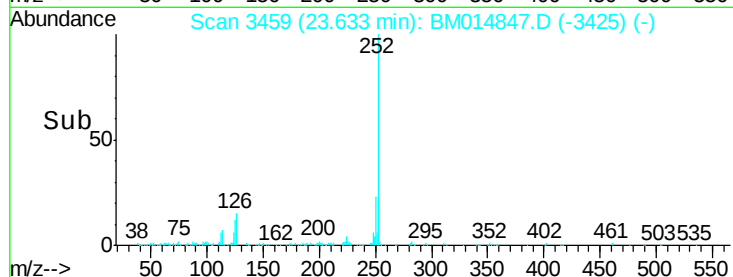
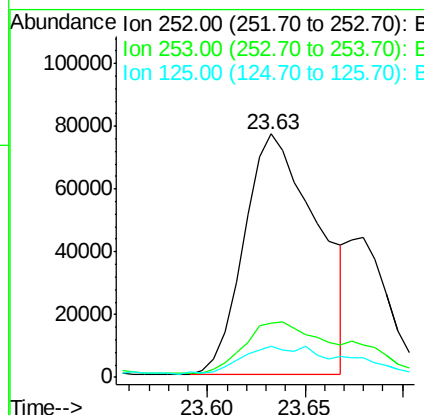
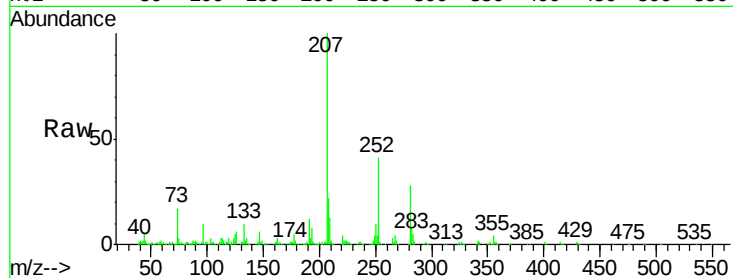
Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	199837
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.9 26.9
125	13.1	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 2.485 ng/ul

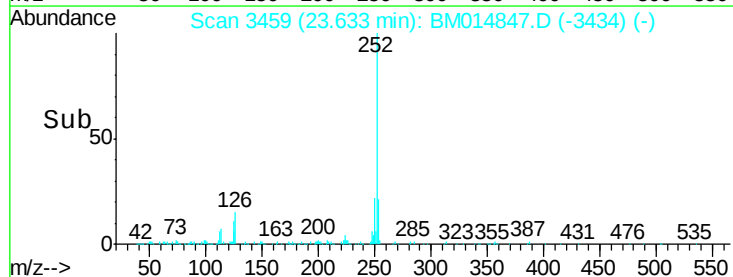
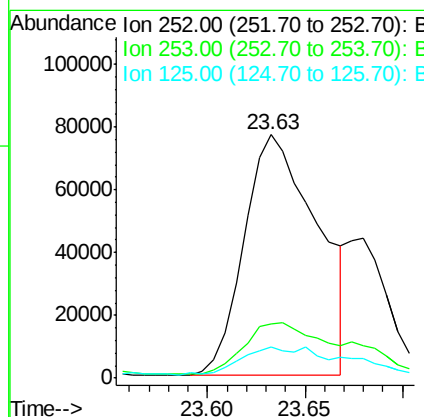
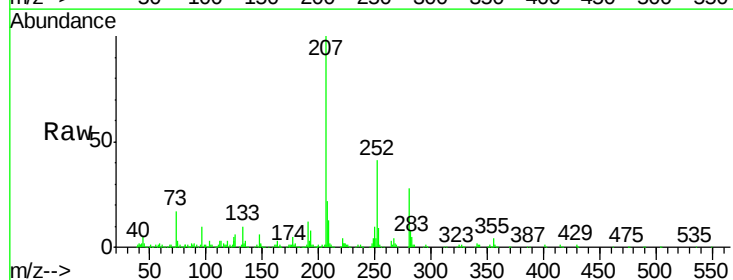
RT: 23.63 min Scan# 3459

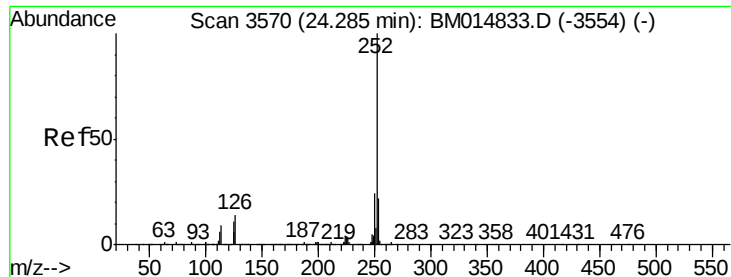
Delta R.T. -0.05 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Tgt Ion:252	Resp:	199837
Ion Ratio	Lower	Upper
252	100	
253	22.2	17.1 25.7
125	13.1	3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.532 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BM014847.D

Acq: 25 Apr 2018 23:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	121524
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.2	27.2
125	13.9	4.0	6.0

