

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013874.D
 Acq On : 27 Jan 2018 09:08
 Operator : SJ/JU
 Sample : J1222-13DL2 30X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:54:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	136661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	502798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	271640	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	595063	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	641420	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	664409	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	127	0.04	ng/uL	0.00
5) Phenol-d5	6.80	99	3228	0.31	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.95	67	3611	0.57	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	5061	0.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	115	0.01	ng/ul	0.02
19) Nitrobenzene-d5	8.77	128	1437	0.37	ng/ul	0.04
22) 2-Nitrophenol-d4	9.48	143	1598	0.39	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.06	165	1901	0.24	ng/ul	0.06
29) 4-Chloroaniline-d4	10.48	131	430	0.06	ng/ul	-0.03
43) Dimethylphthalate-d6	13.67	166	17189	0.77	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	20994	0.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	198	0.05	ng/ul	0.00
57) Fluorene-d10	15.24	176	17077	0.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1250	0.35	ng/ul	0.02
70) Anthracene-d10	17.09	188	21157	0.73	ng/ul	0.00
76) Pyrene-d10	19.39	212	29356	0.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	26529	0.87	ng/ul	0.00

Target Compounds

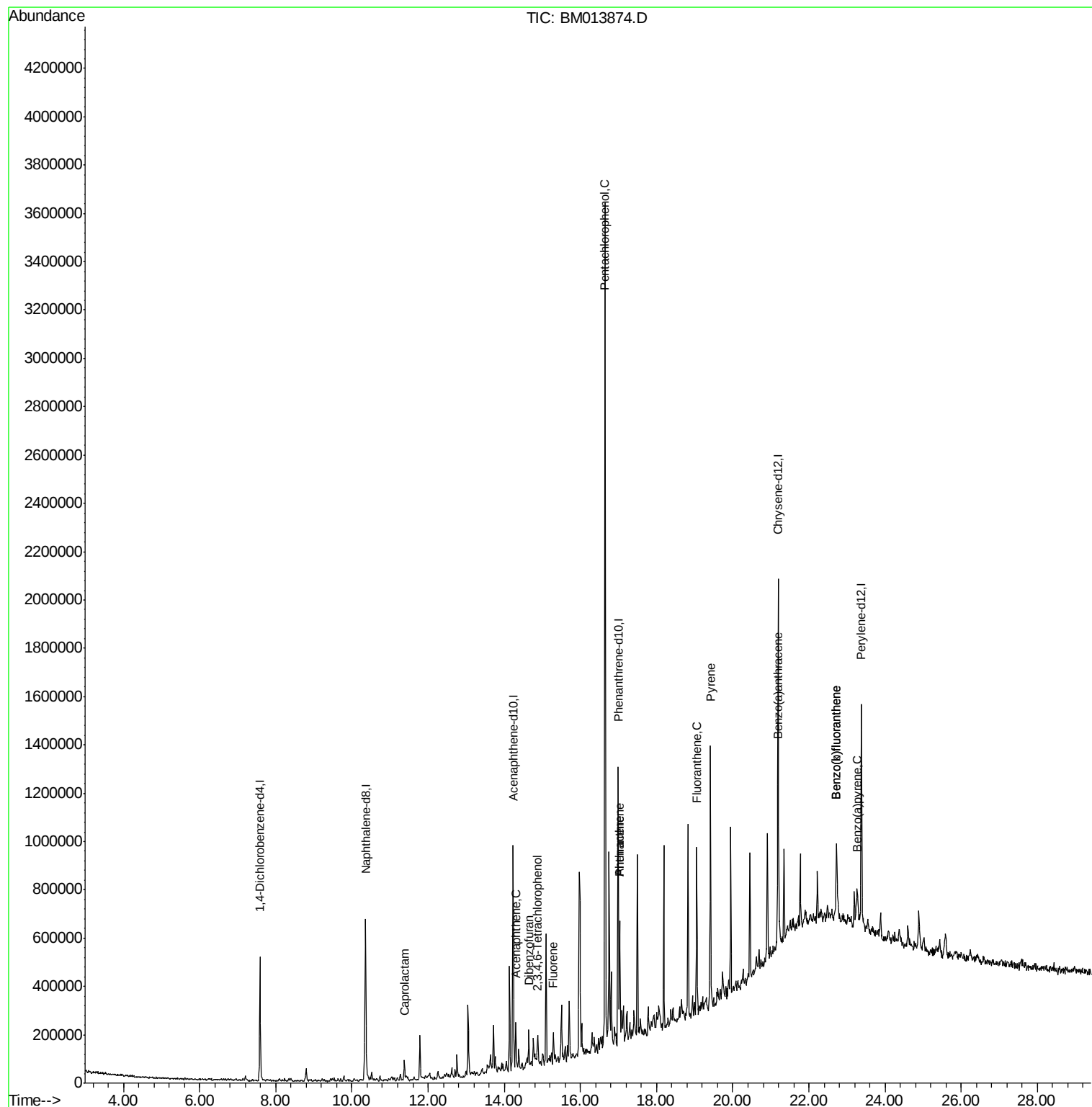
					Ovalue	
32) Caprolactam	11.38	113	3041	1.424	ng/ul	74
49) Acenaphthene	14.30	153	68238	3.772	ng/ul	94
53) Dibenzofuran	14.65	168	56167	2.064	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	28202	4.946	ng/ul#	93
58) Fluorene	15.29	166	48547	2.178	ng/ul	93
68) Pentachlorophenol	16.64	266	573954	142.769	ng/ul	97
69) Phenanthrene	17.03	178	283699	8.577	ng/ul	98
71) Anthracene	17.03	178	283699	8.315	ng/ul	99
74) Fluoranthene	19.06	202	391654	9.919	ng/ul#	94
77) Pyrene	19.42	202	290324	7.445	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	57591	1.486	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	167245	4.099	ng/ul#	94
86) Benzo(k)fluoranthene	22.73	252	167245	4.241	ng/ul#	92
88) Benzo(a)pyrene	23.29	252	56469	1.465	ng/ul#	91

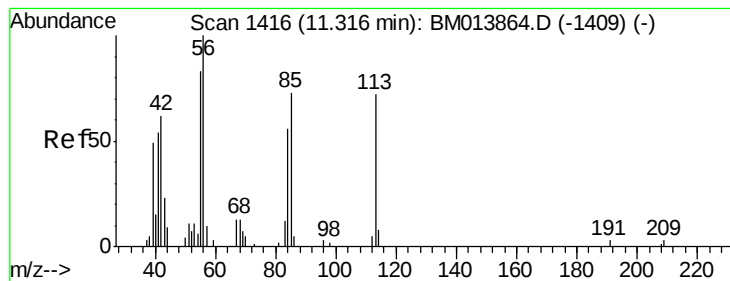
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration





#32

Caprolactam

Concen: 1.424 ng/ul

RT: 11.38 min Scan# 1427

Delta R.T. 0.06 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

ClientSampled :

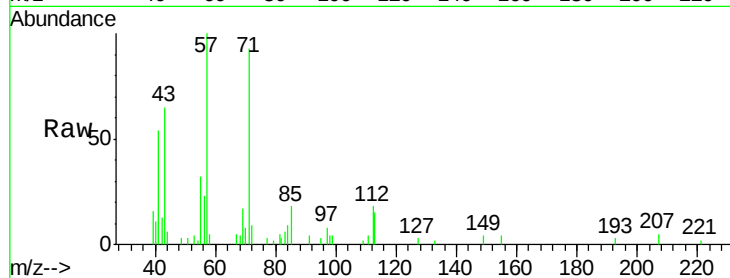
Tot Ion:113 Resp: 3041

Ion Ratio Lower Upper

113 100

55 215.2 208.0 312.0

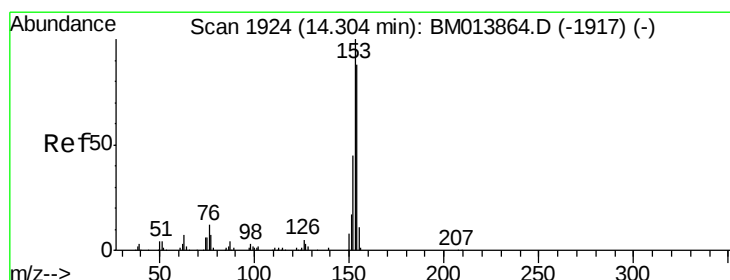
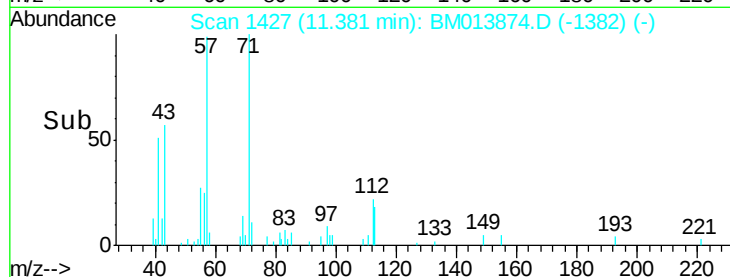
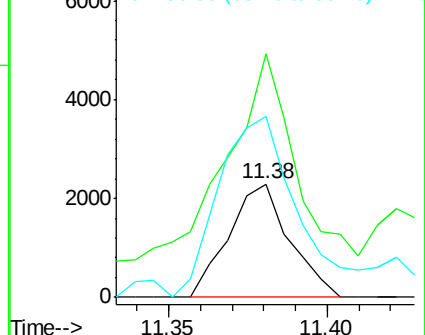
56 160.3 160.0 240.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#49

Acenaphthene

Concen: 3.772 ng/ul

RT: 14.30 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

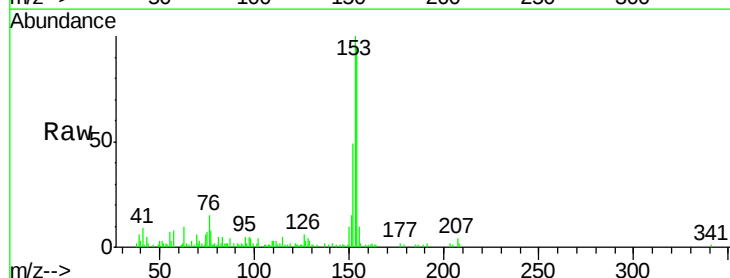
Tgt Ion:153 Resp: 68238

Ion Ratio Lower Upper

153 100

152 49.3 37.6 56.4

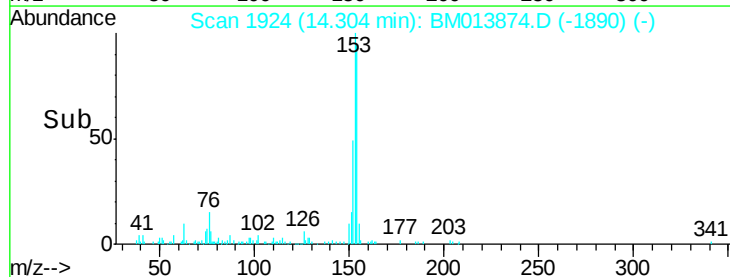
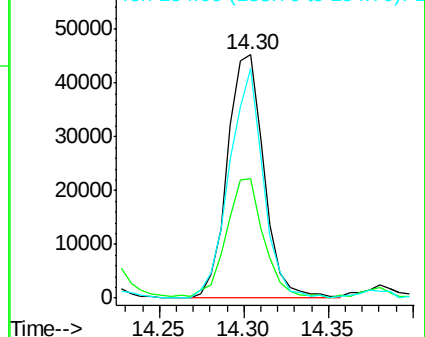
154 94.2 70.4 105.6

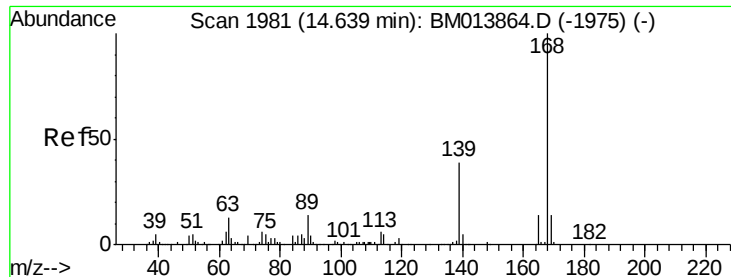


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 2.064 ng/ul

RT: 14.65 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

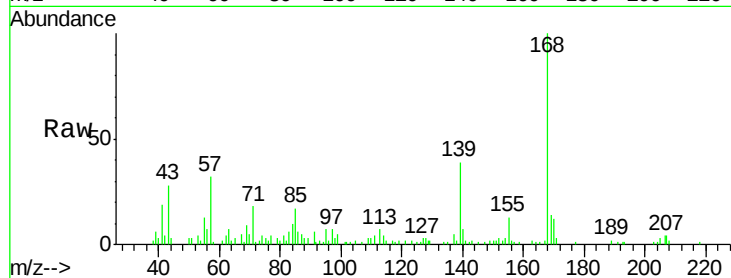
ClientSampleId :

Tot Ion:168 Resp: 56167

Ion Ratio Lower Upper

168 100

139 39.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.65

40000

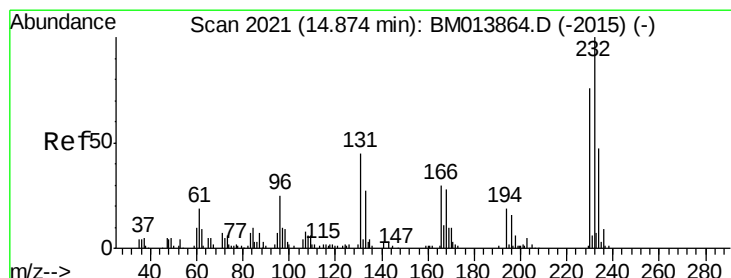
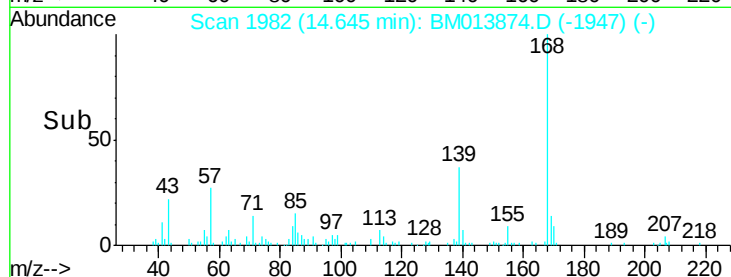
30000

20000

10000

0

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 4.946 ng/ul

RT: 14.89 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Tgt Ion:232 Resp: 28202

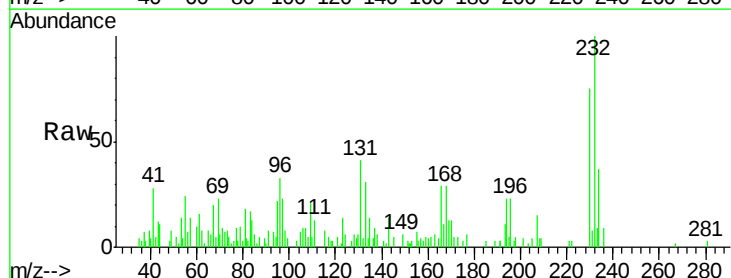
Ion Ratio Lower Upper

232 100

131 41.5 29.0 43.4

130 6.0 2.0 3.0#

166 28.7 21.4 32.2



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

20000

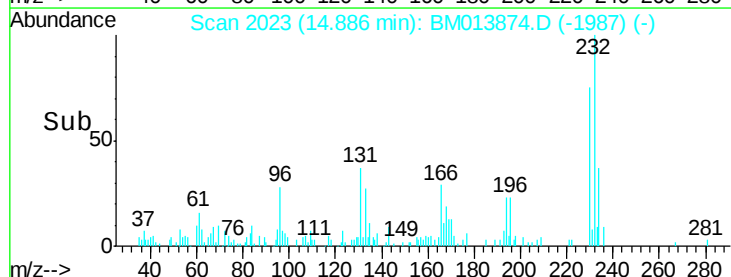
15000

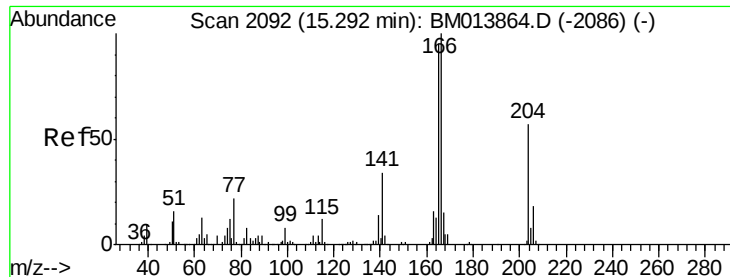
10000

5000

0

Time-->





#58

Fluorene

Concen: 2.178 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

ClientSampleId :

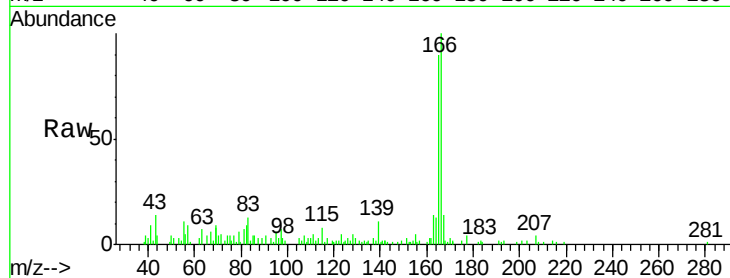
Tot Ion:166 Resp: 48547

Ion Ratio Lower Upper

166 100

165 90.2 77.9 116.9

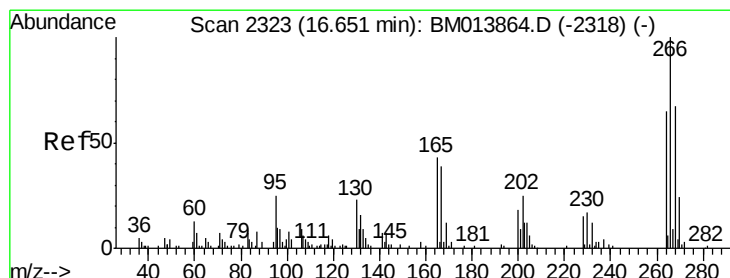
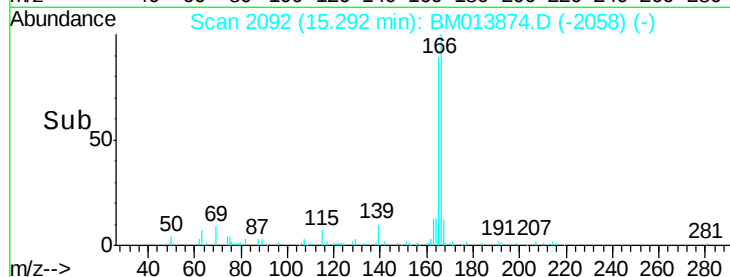
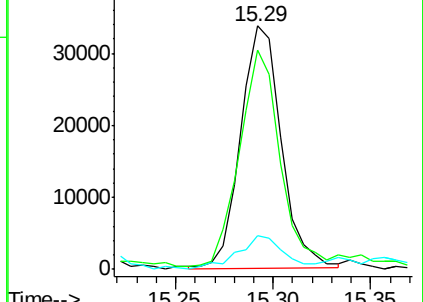
167 13.9 10.6 16.0



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



#68

Pentachlorophenol

Concen: 142.769 ng/ul

RT: 16.64 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

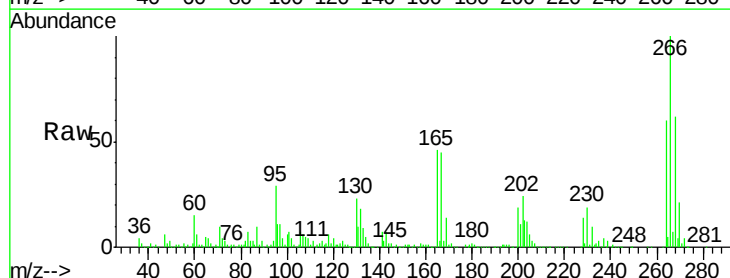
Tgt Ion:266 Resp: 573954

Ion Ratio Lower Upper

266 100

264 60.4 49.3 73.9

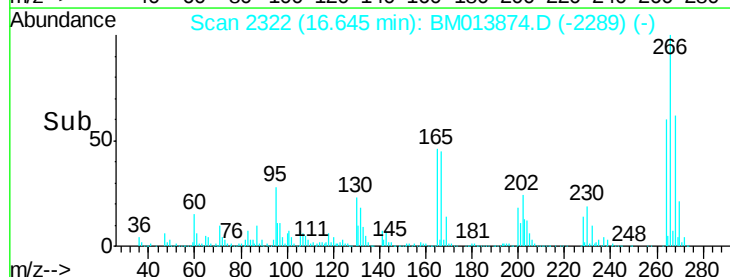
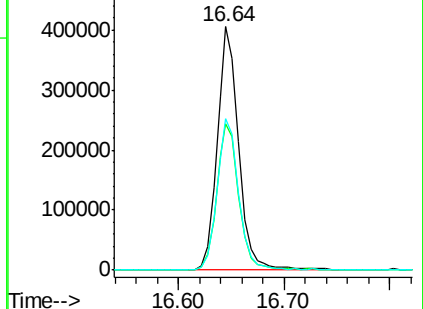
268 62.2 52.6 78.8

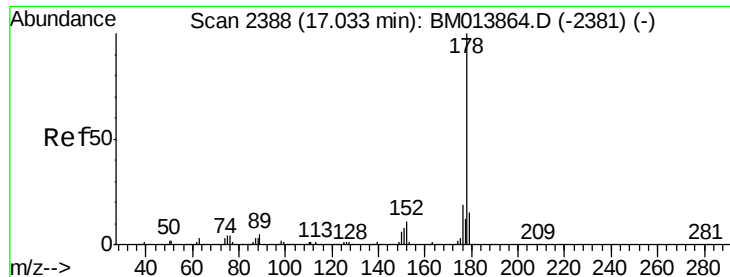


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 8.577 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

ClientSampleId :

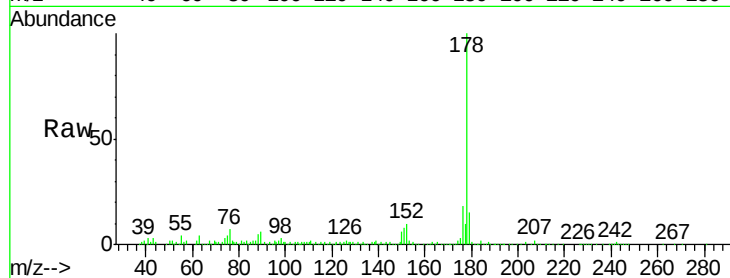
Tot Ion:178 Resp: 283699

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

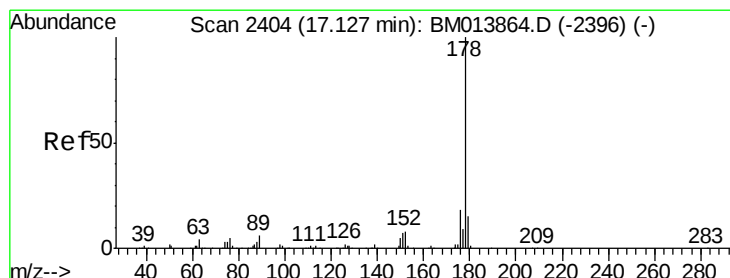
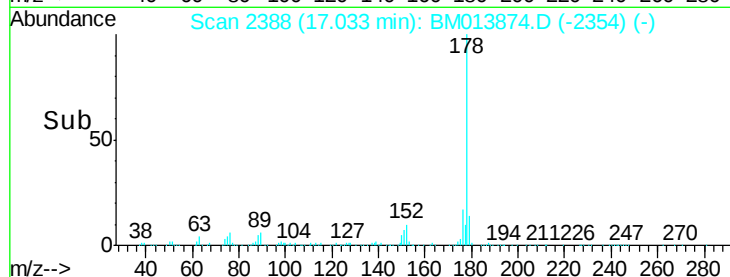
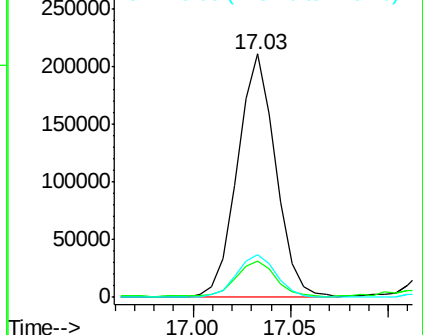
176 17.7 14.9 22.3



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: 8.315 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

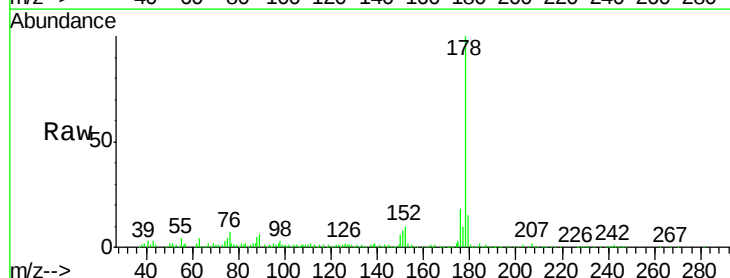
Tgt Ion:178 Resp: 283699

Ion Ratio Lower Upper

178 100

179 14.7 11.7 17.5

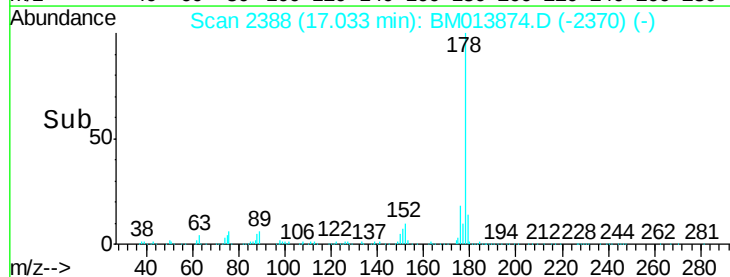
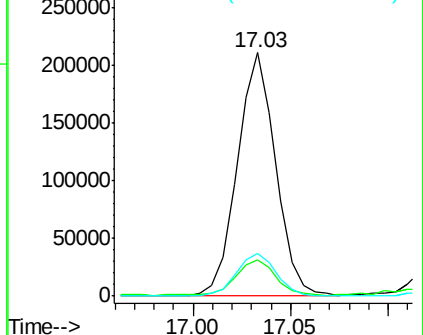
176 17.7 14.6 21.8

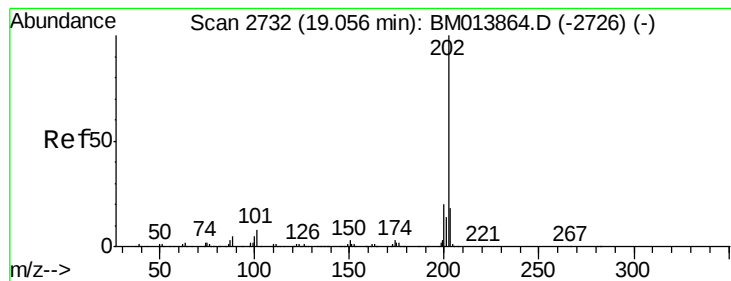


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 9.919 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

ClientSampleId :

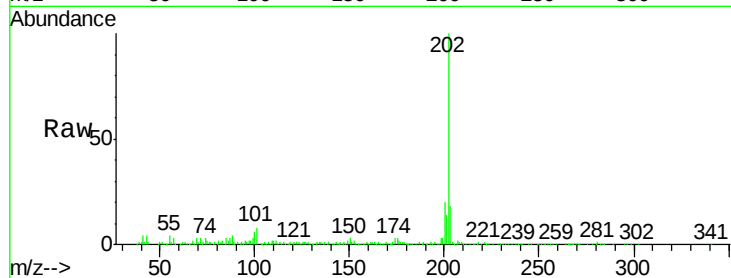
Tot Ion:202 Resp: 391654

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

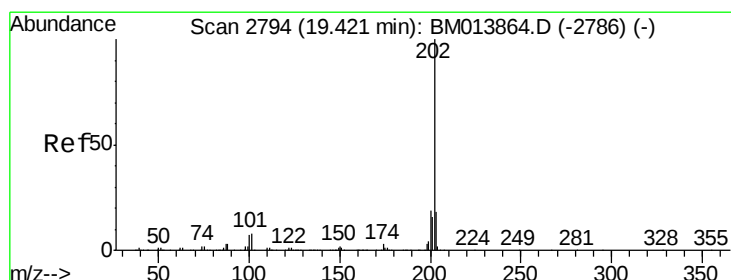
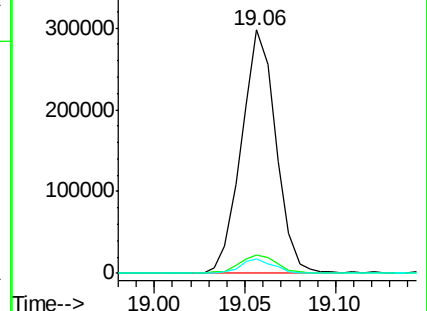
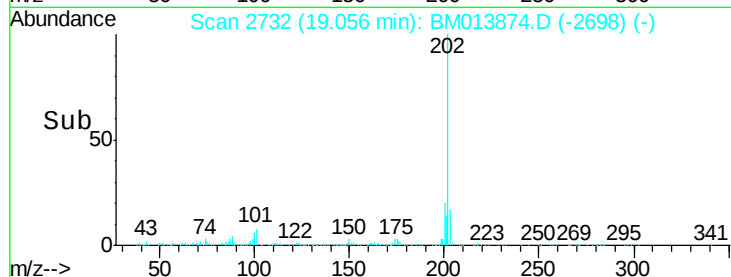
100 6.2 3.4 5.2#



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

Pyrene

Concen: 7.445 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

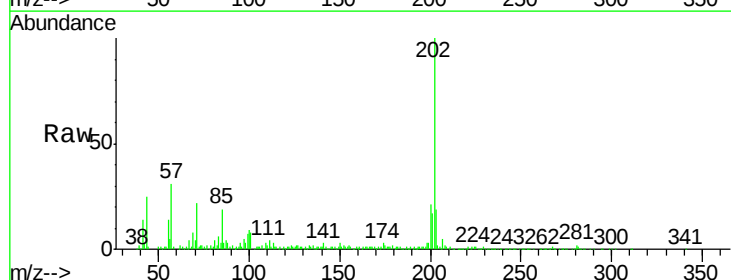
Tgt Ion:202 Resp: 290324

Ion Ratio Lower Upper

202 100

101 7.7 5.1 7.7#

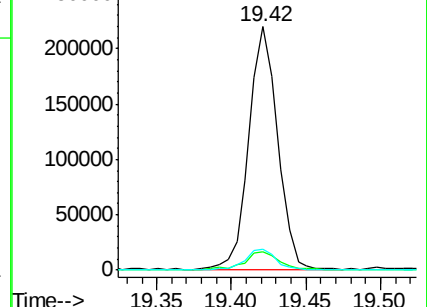
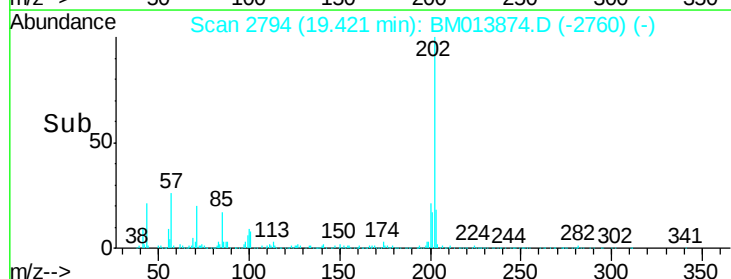
100 8.5 4.9 7.3#

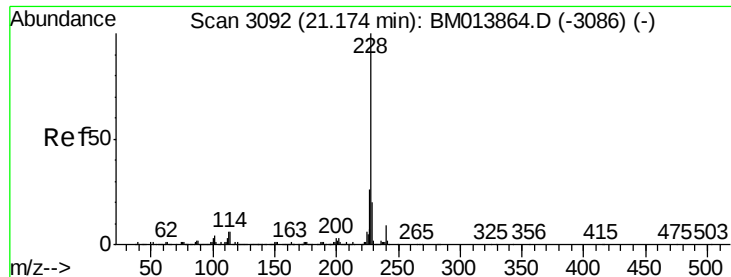


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.486 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

Instrument :

BNA_M

ClientSampleId :

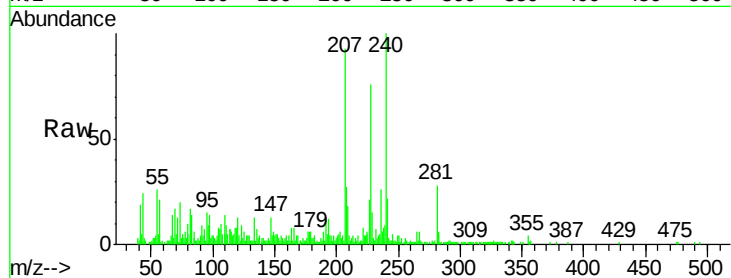
Tot Ion:228 Resp: 57591

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

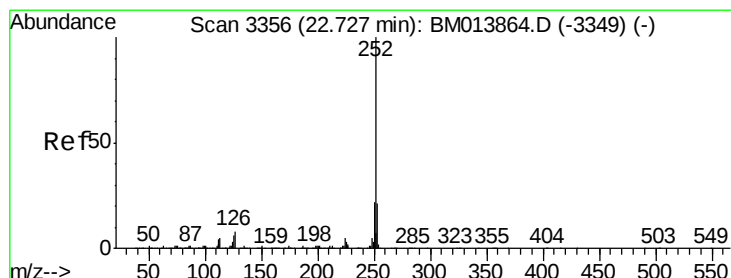
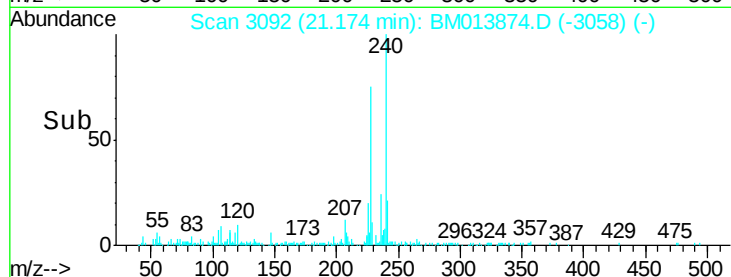
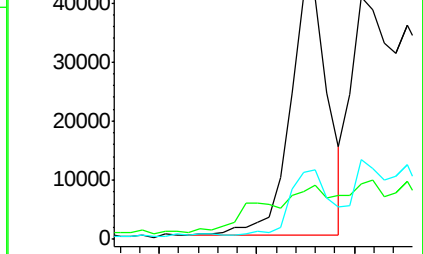
226 27.8 21.4 32.0



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



#85

Benzo(b)fluoranthene

Concen: 4.099 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013874.D

Acq: 27 Jan 2018 09:08

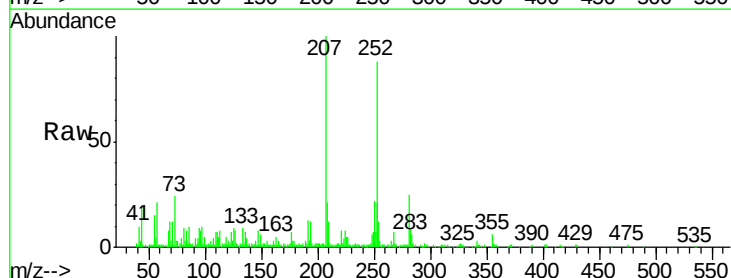
Tgt Ion:252 Resp: 167245

Ion Ratio Lower Upper

252 100

253 24.1 17.9 26.9

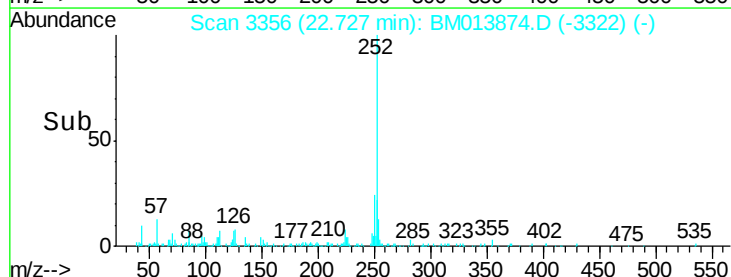
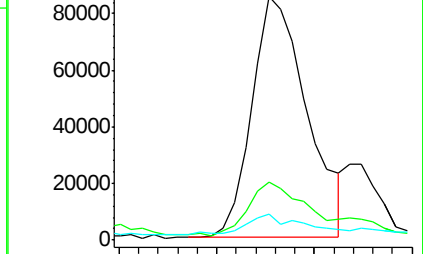
125 10.6 3.6 5.4#

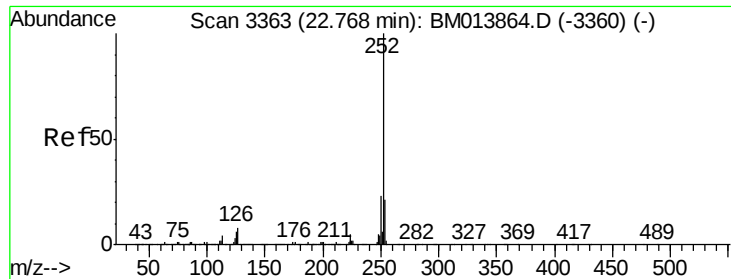


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

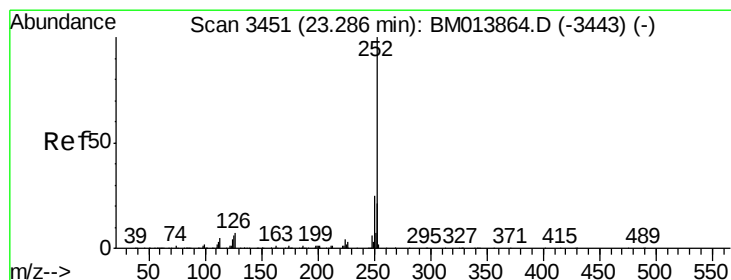
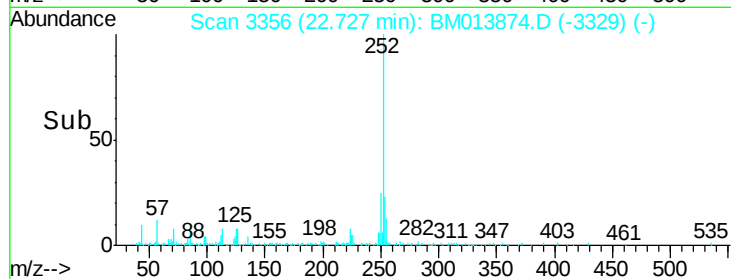
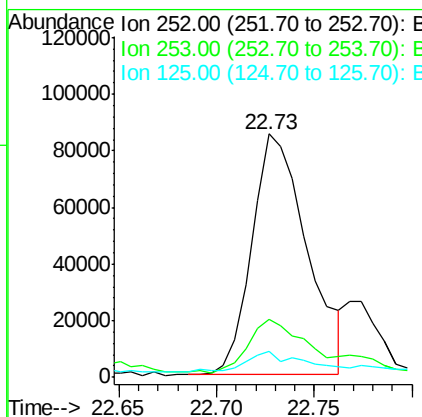
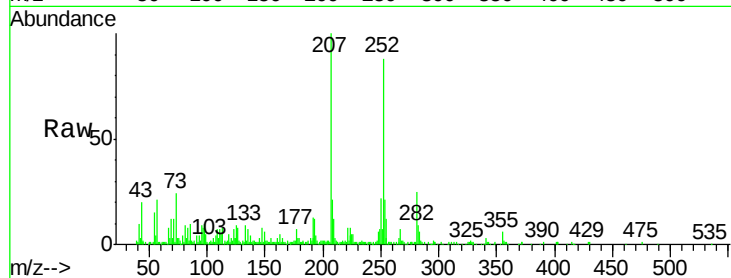




#86
Benzo(k)fluoranthene
Concen: 4.241 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Instrument :
BNA_M
ClientSampled :

Tot Ion:252 Resp: 167245
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 10.6 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.465 ng/ul
RT: 23.29 min Scan# 3451
Delta R.T. 0.00 min
Lab File: BM013874.D
Acq: 27 Jan 2018 09:08

Tgt Ion:252 Resp: 56469
Ion Ratio Lower Upper
252 100
253 25.5 18.2 27.2
125 13.0 4.0 6.0#

