

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013869.D
 Acq On : 27 Jan 2018 06:10
 Operator : SJ/JU
 Sample : J1222-15DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 20:53:30 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	7.58	152	157997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	608595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	329358	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	731886	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	767007	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	770517	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2427	0.61	ng/uL	0.00
5) Phenol-d5	6.78	99	41758	3.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	31030	4.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	38686	3.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	16507	1.77	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	18112	3.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	19953	4.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	32039	3.32	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	34583	4.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	134124	4.94	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	164935	4.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	606	0.14	ng/ul	0.00
57) Fluorene-d10	15.24	176	116987	4.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	14467	3.28	ng/ul	0.01
70) Anthracene-d10	17.09	188	176345	4.95	ng/ul	0.00
76) Pyrene-d10	19.39	212	201406	5.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	194855	5.50	ng/ul	0.00

Target Compounds

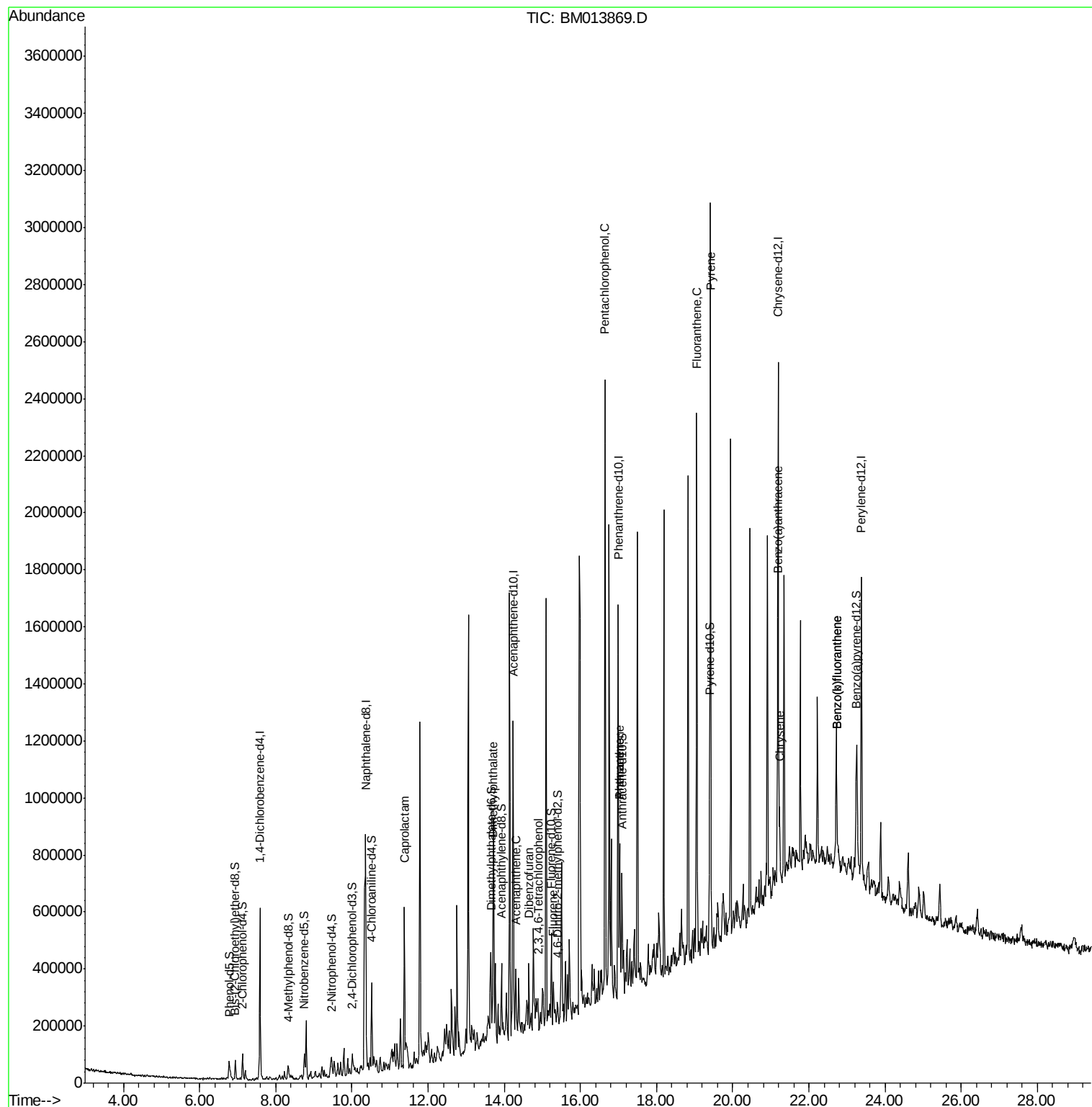
					Ovalue	
32) Caprolactam	11.38	113	21913	8.479	ng/ul	90
44) Dimethylphthalate	13.70	163	37985	1.423	ng/ul#	93
49) Acenaphthene	14.30	153	82181	3.747	ng/ul	95
53) Dibenzofuran	14.64	168	51866	1.572	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.88	232	17067	2.469	ng/ul#	88
58) Fluorene	15.29	166	54877	2.030	ng/ul	96
68) Pentachlorophenol	16.64	266	363036	73.422	ng/ul	98
69) Phenanthrene	17.03	178	293302	7.210	ng/ul	99
71) Anthracene	17.03	178	293302	6.990	ng/ul	99
74) Fluoranthene	19.06	202	1100750	22.667	ng/ul#	96
77) Pyrene	19.42	202	798842	17.132	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	148625	3.207	ng/ul	98
82) Chrysene	21.23	228	150709	3.545	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	75820	1.602	ng/ul#	89
86) Benzo(k)fluoranthene	22.73	252	75820	1.658	ng/ul#	87

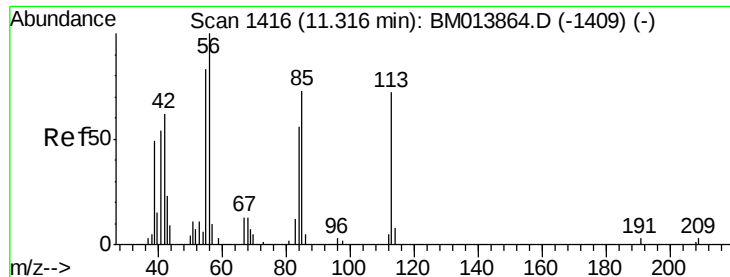
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration





#32

Caprolactam

Concen: 8.479 ng/ul

RT: 11.38 min Scan# 1427

Delta R.T. 0.06 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

Instrument :

BNA_M

ClientSampleId :

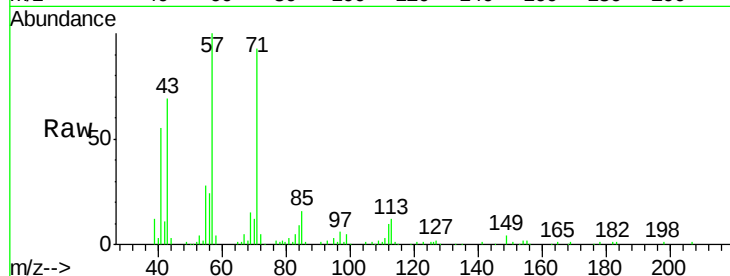
Tot Ion:113 Resp: 21913

Ion Ratio Lower Upper

113 100

55 231.5 208.0 312.0

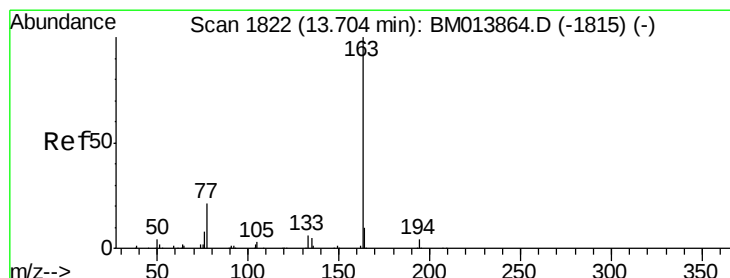
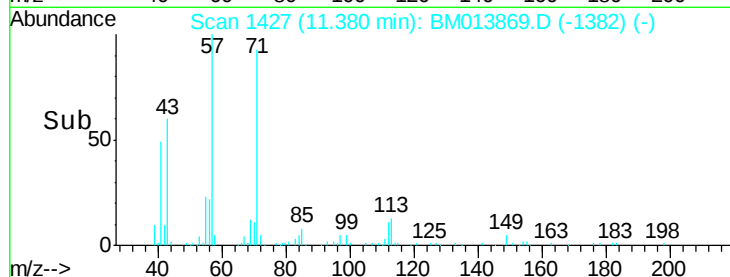
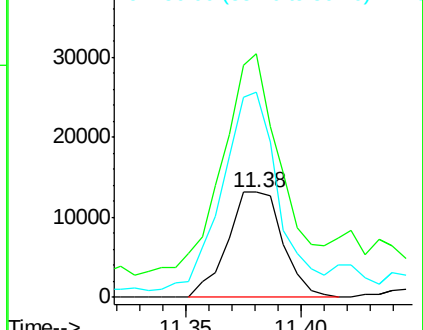
56 195.4 160.0 240.0



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



#44

Dimethylphthalate

Concen: 1.423 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

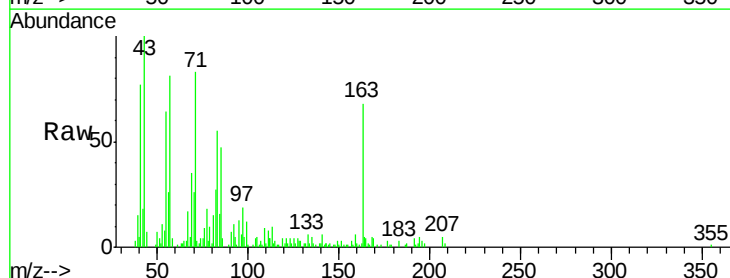
Tgt Ion:163 Resp: 37985

Ion Ratio Lower Upper

163 100

194 6.9 3.5 5.3#

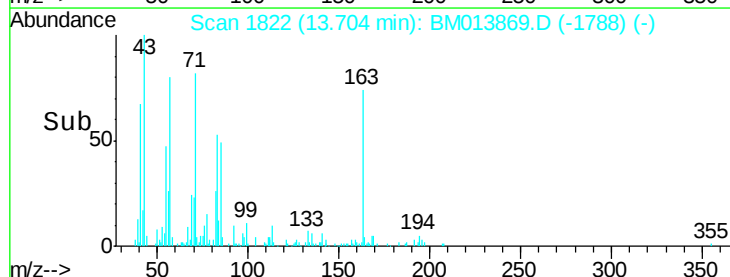
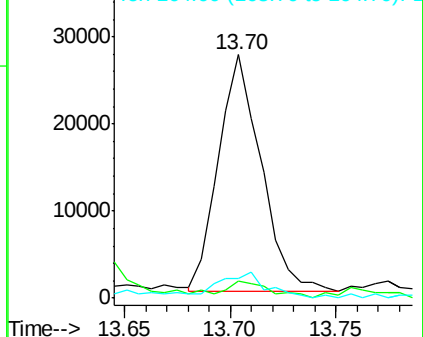
164 8.0 8.2 12.4#

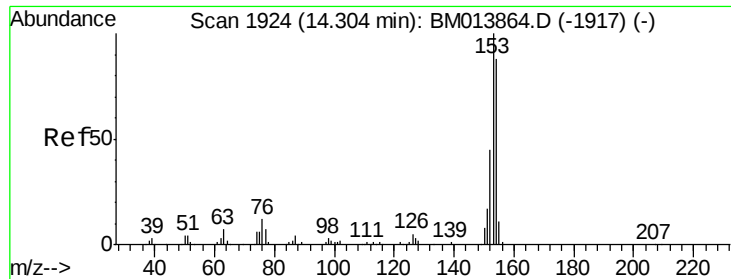


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 3.747 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

Instrument :

BNA_M

ClientSampleId :

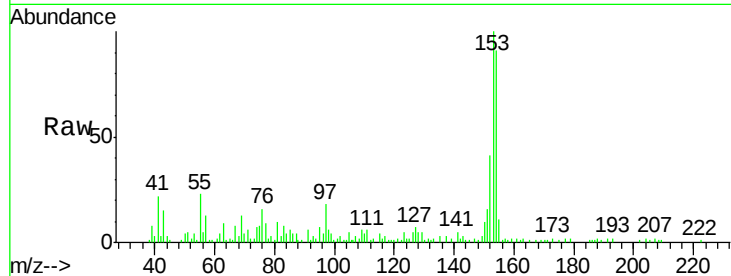
Tot Ion:153 Resp: 82181

Ion Ratio Lower Upper

153 100

152 41.3 37.6 56.4

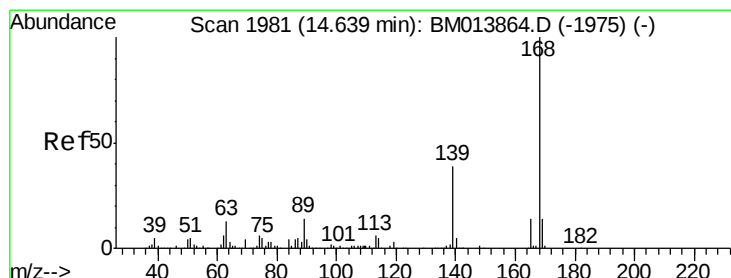
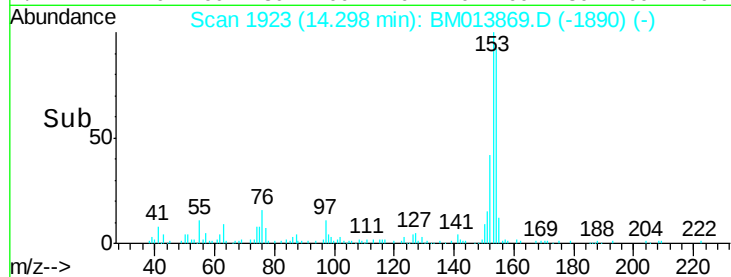
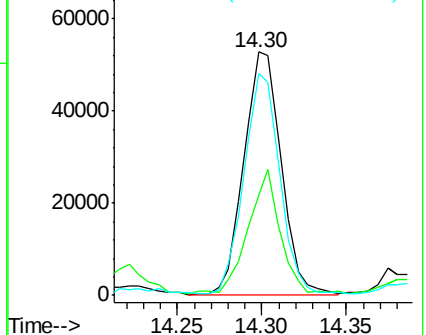
154 90.9 70.4 105.6



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: 1.572 ng/ul

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM013869.D

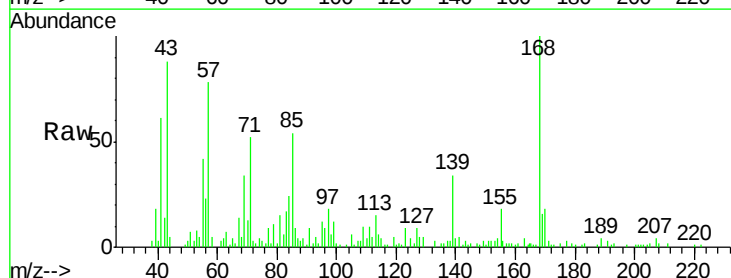
Acq: 27 Jan 2018 06:10

Tgt Ion:168 Resp: 51866

Ion Ratio Lower Upper

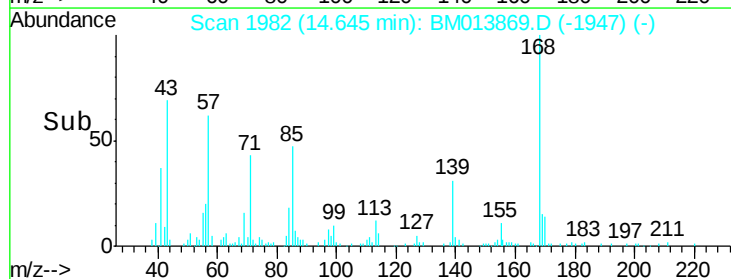
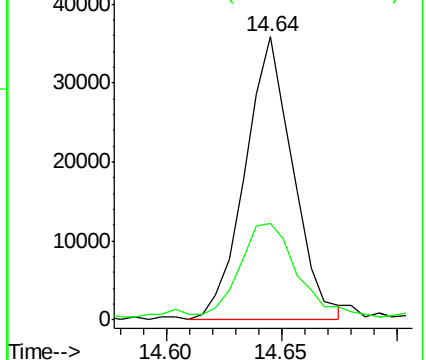
168 100

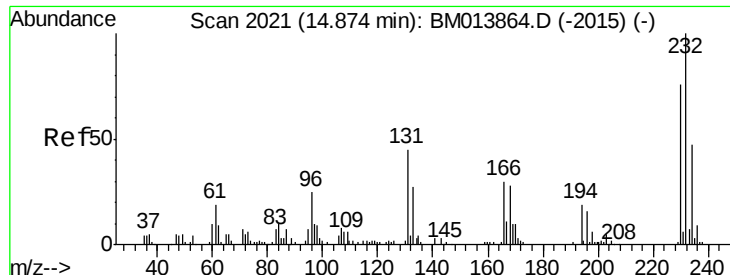
139 34.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

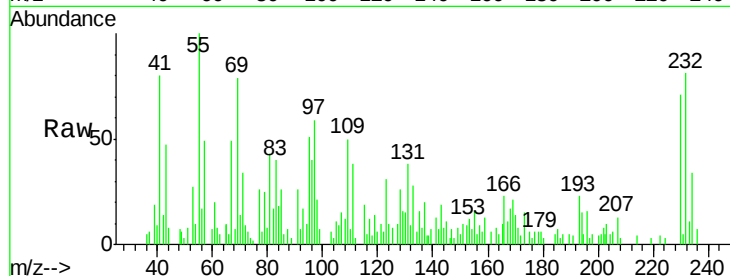




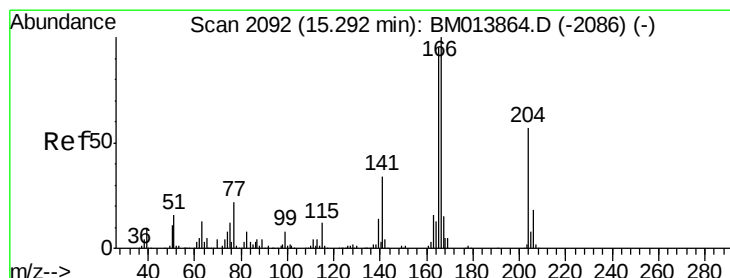
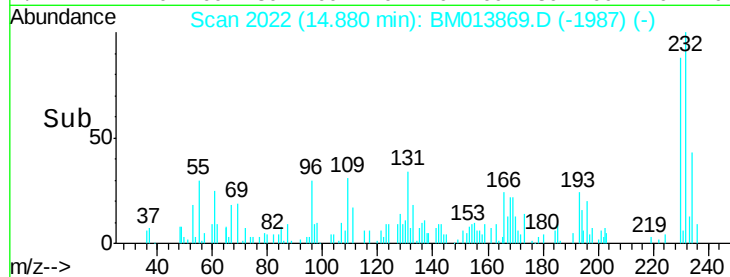
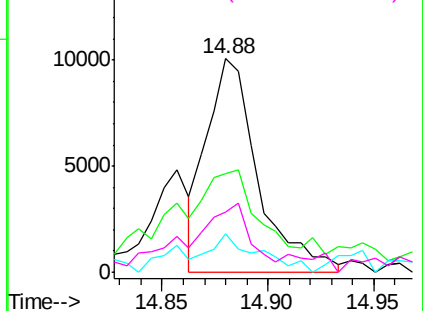
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 2.469 ng/ul
 RT: 14.88 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 17067
 Ion Ratio Lower Upper
 232 100
 131 46.3 29.0 43.4#
 130 18.0 2.0 3.0#
 166 27.9 21.4 32.2

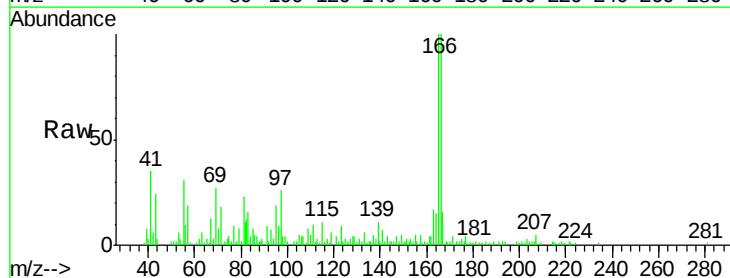


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

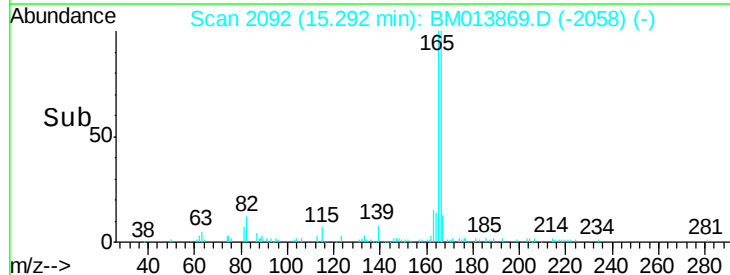
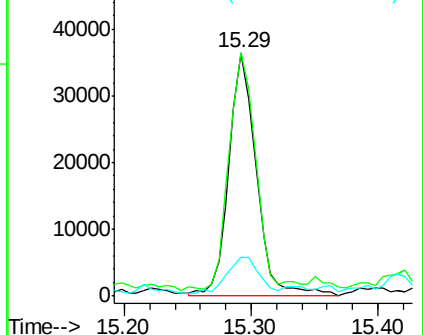


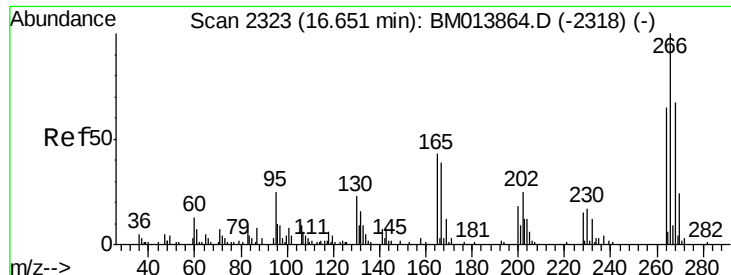
#58
 Fluorene
 Concen: 2.030 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

Tgt Ion:166 Resp: 54877
 Ion Ratio Lower Upper
 166 100
 165 100.5 77.9 116.9
 167 15.9 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

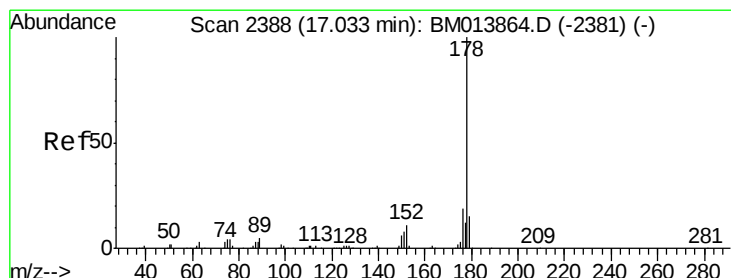
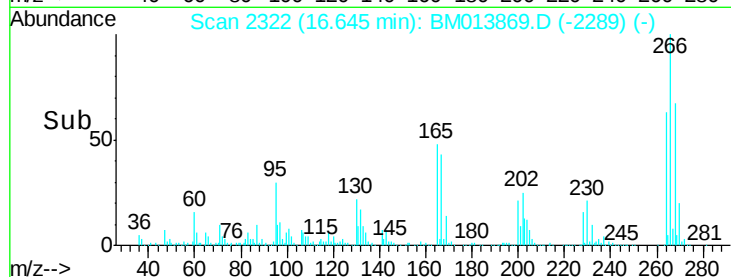
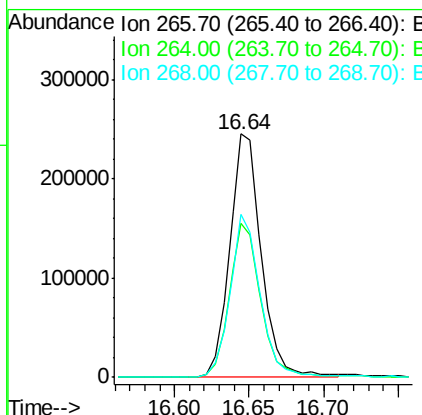
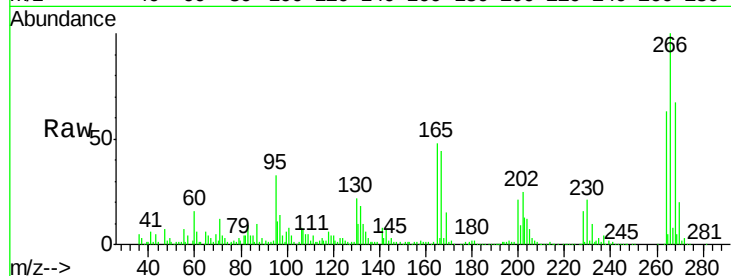




#68
 Pentachlorophenol
 Concen: 73.422 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

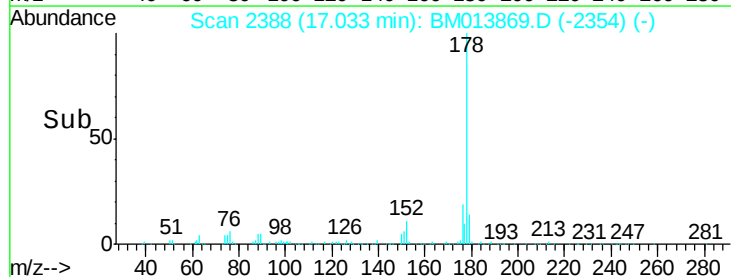
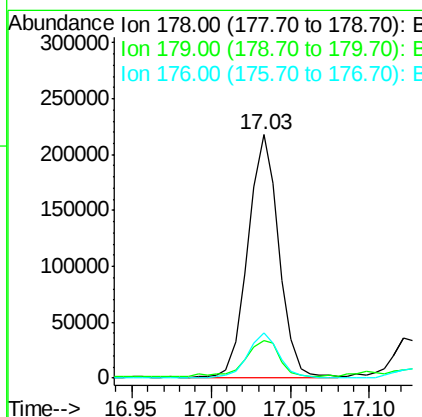
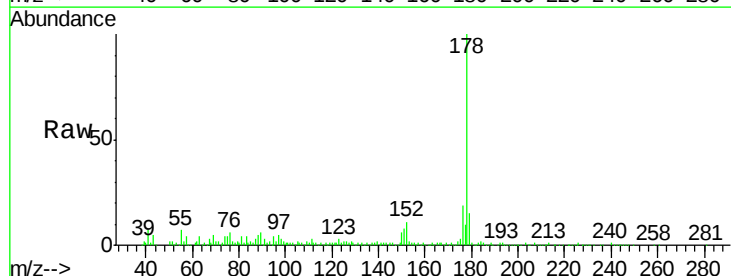
Instrument :
 BNA_M
 ClientSampleId :

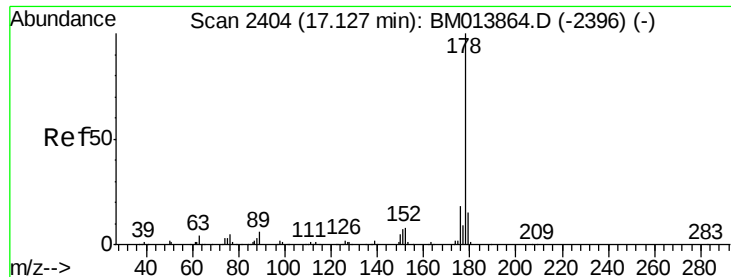
Tot Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.3	73.9
268	66.9	52.6	78.8



#69
 Phenanthrene
 Concen: 7.210 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.00 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.7	14.9	22.3

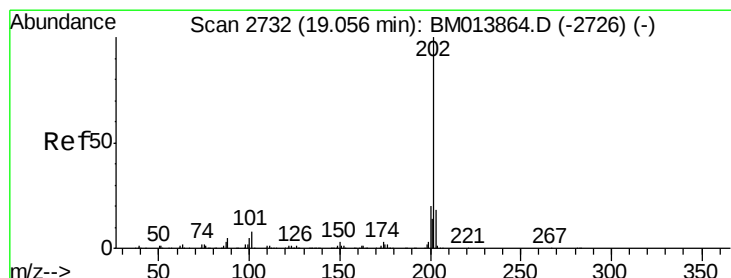
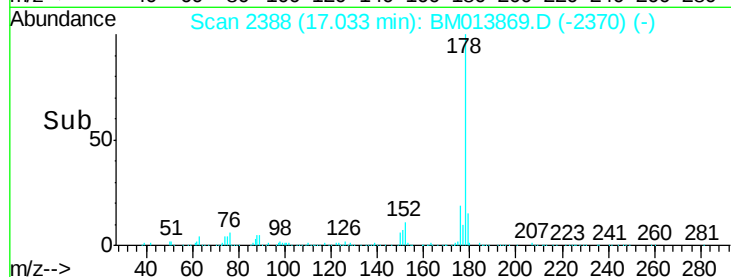
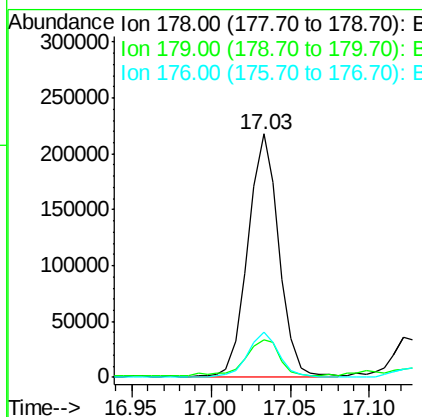
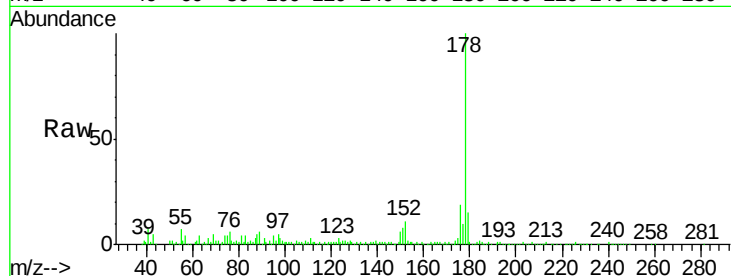




#71
 Anthracene
 Concen: 6.990 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.09 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

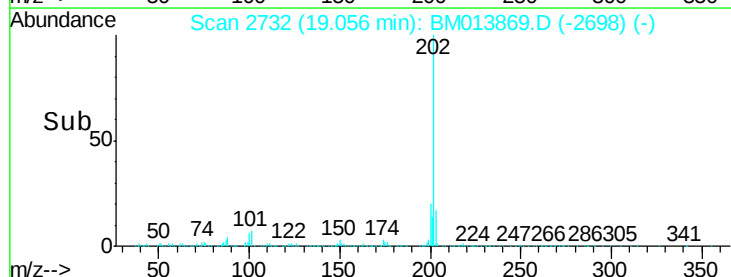
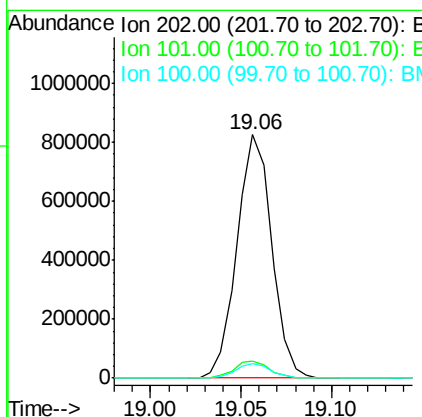
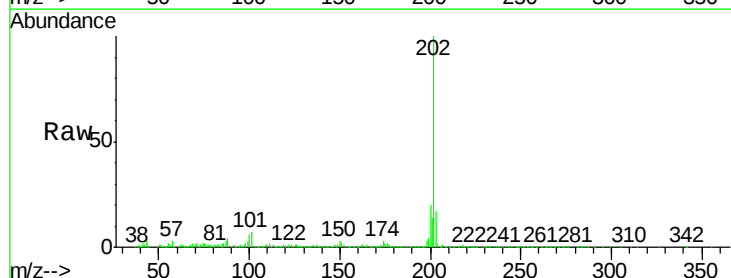
Instrument :
 BNA_M
 ClientSampleId :

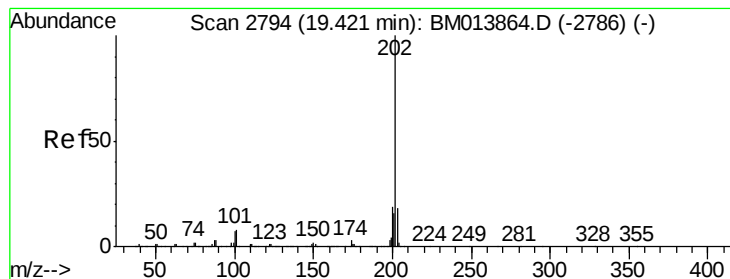
Tot Ion:178 Resp: 293302
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.7 17.5
 176 18.7 14.6 21.8



#74
 Fluoranthene
 Concen: 22.667 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM013869.D
 Acq: 27 Jan 2018 06:10

Tgt Ion:202 Resp: 1100750
 Ion Ratio Lower Upper
 202 100
 101 7.3 4.6 7.0#
 100 5.7 3.4 5.2#





#77

Pvrene

Concen: 17.132 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

Instrument :

BNA_M

ClientSampleId :

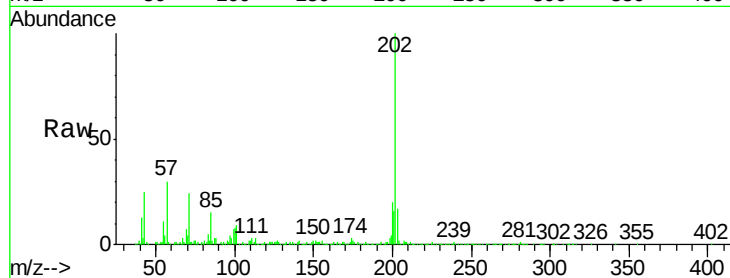
Tot Ion:202 Resp: 798842

Ion Ratio Lower Upper

202 100

101 8.5 5.1 7.7#

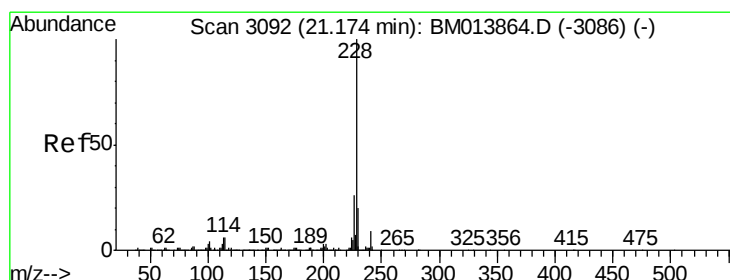
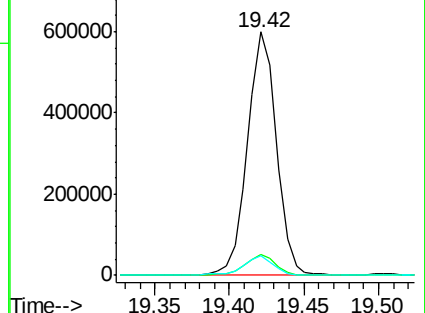
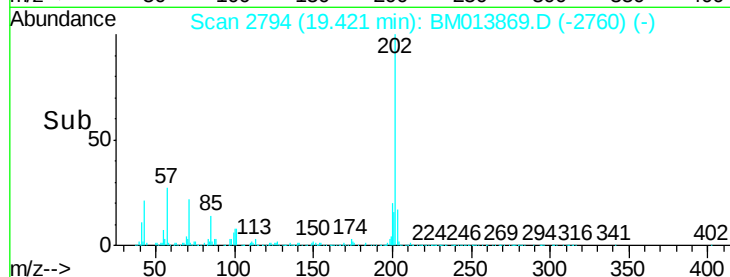
100 7.8 4.9 7.3#



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: 3.207 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

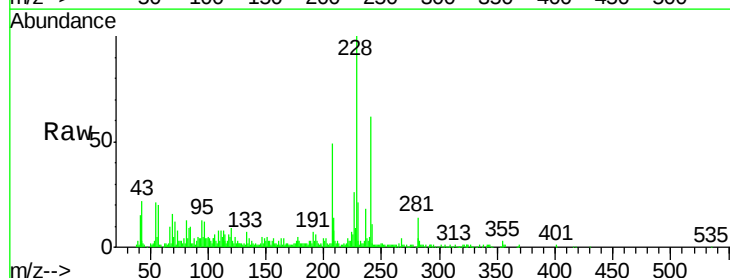
Tgt Ion:228 Resp: 148625

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

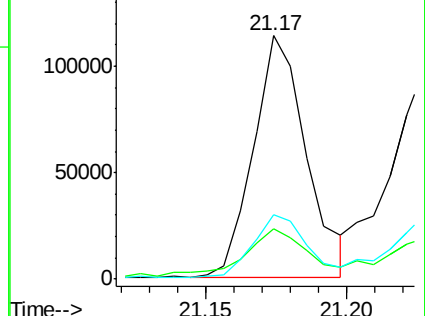
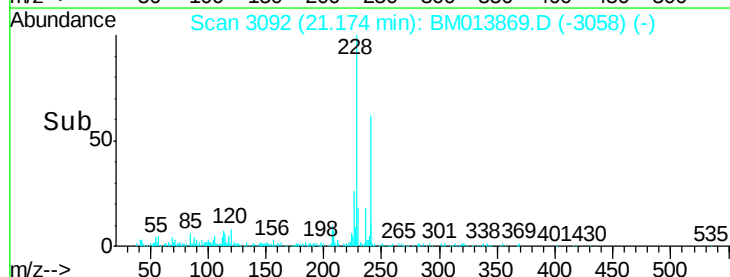
226 26.3 21.4 32.0

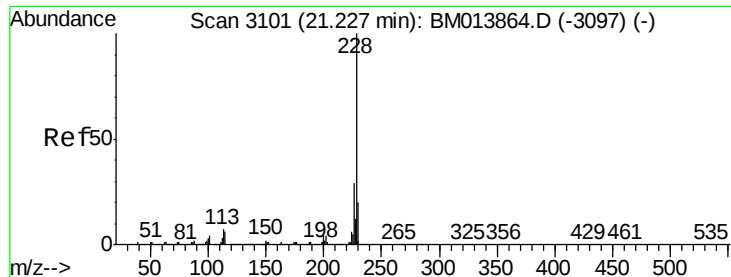


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.545 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

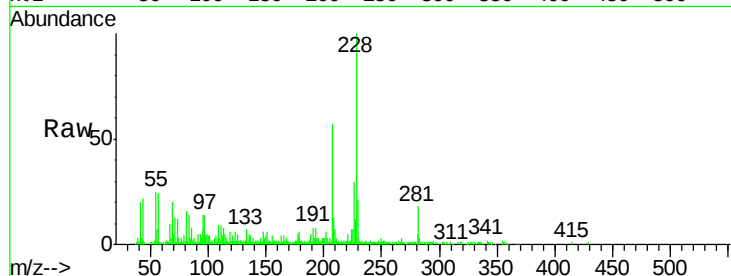
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 150709

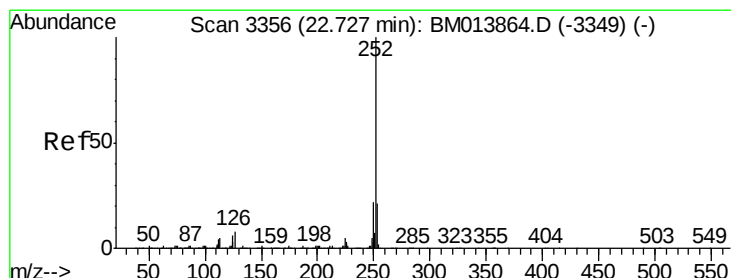
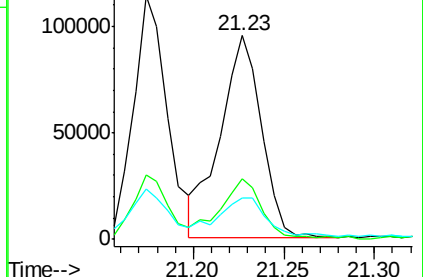
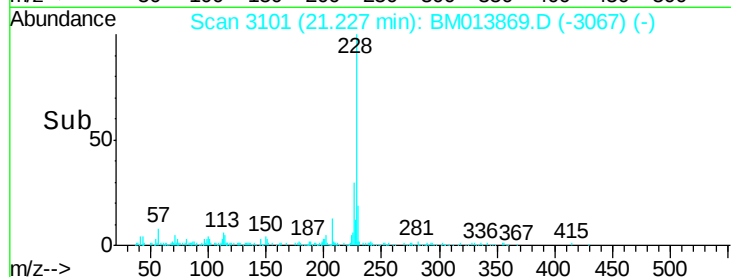
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.5	15.5	23.3



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: 1.602 ng/ul

RT: 22.73 min Scan# 3357

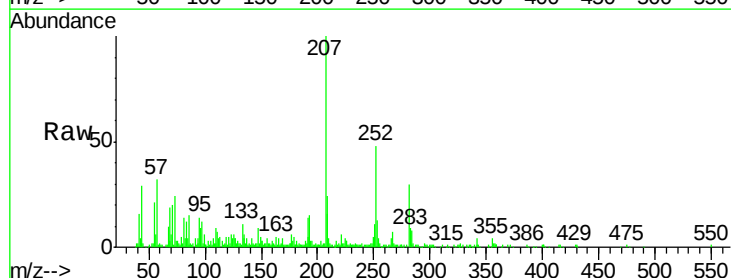
Delta R.T. 0.01 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

Tgt Ion:252 Resp: 75820

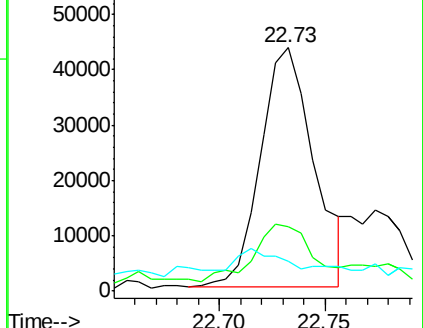
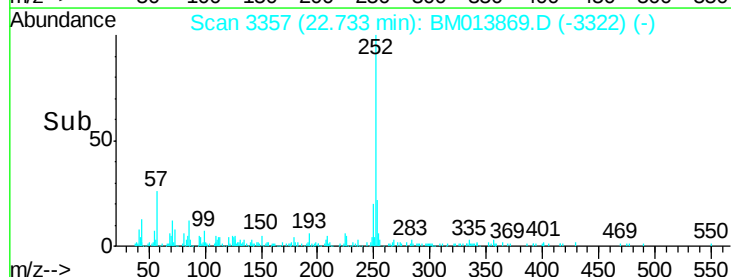
Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	12.4	3.6	5.4

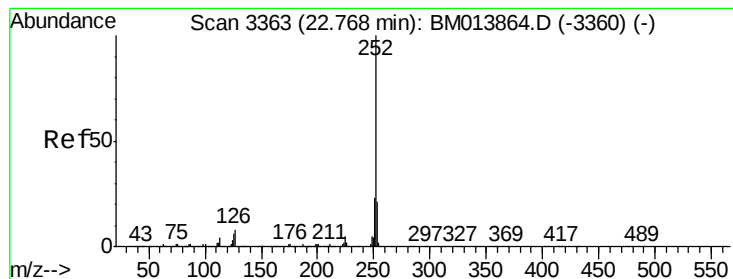


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.658 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BM013869.D

Acq: 27 Jan 2018 06:10

Instrument :

BNA_M

ClientSampleId :

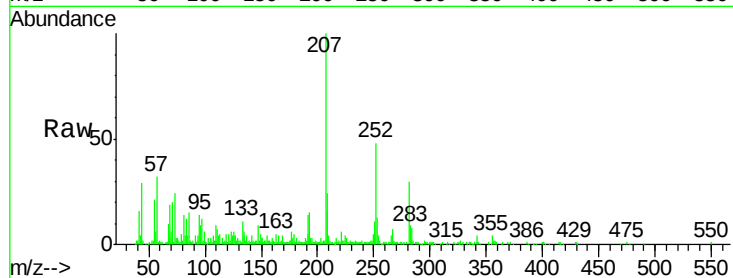
Tot Ion:252 Resp: 75820

Ion Ratio Lower Upper

252 100

253 26.4 17.1 25.7#

125 12.4 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

