

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013866.D
 Acq On : 27 Jan 2018 04:23
 Operator : SJ/JU
 Sample : J1223-14DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 27 05:35:53 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

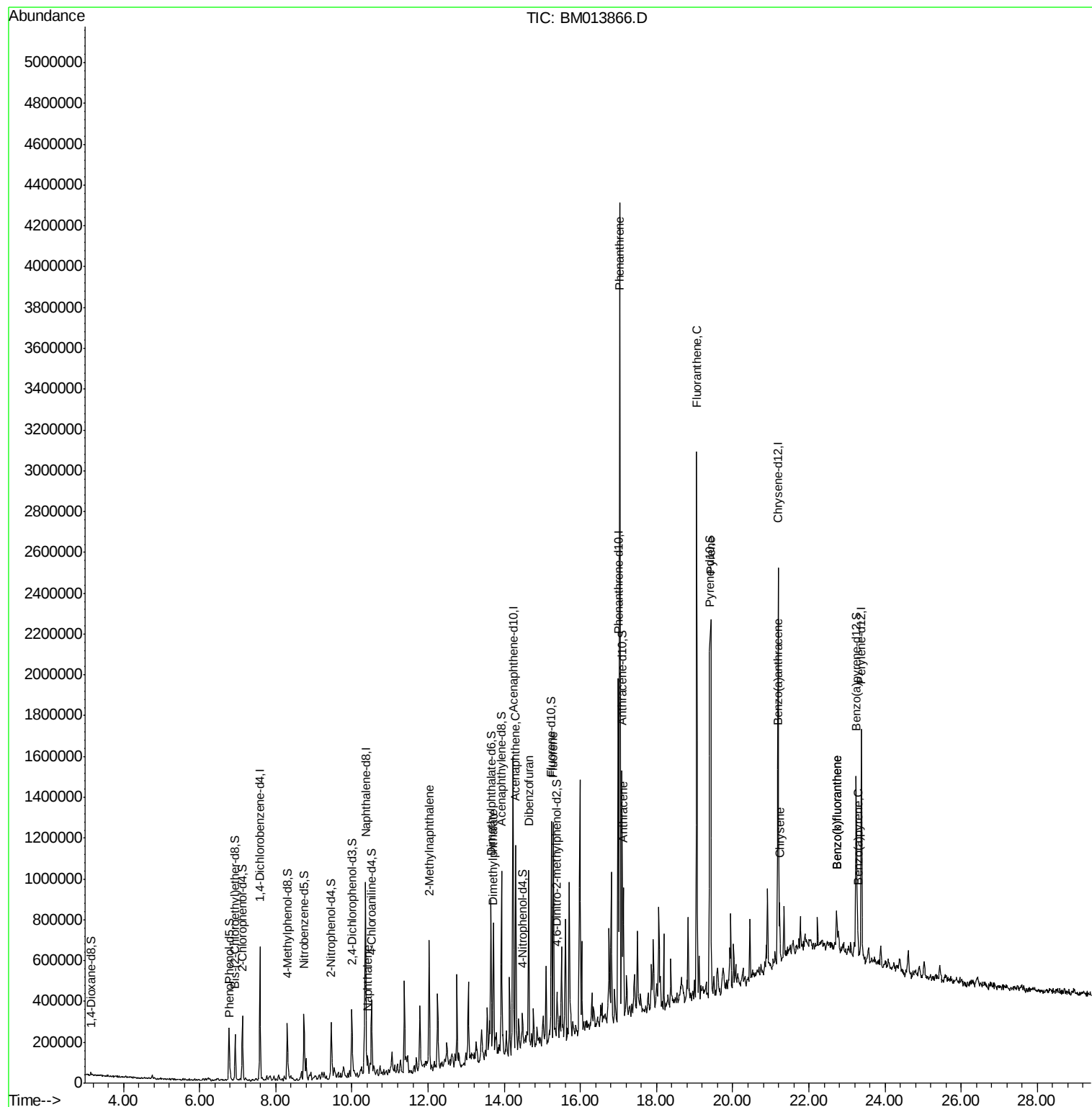
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	169685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	676034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	412151	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	920852	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	830722	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	801634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	7154	1.67	ng/uL	0.00
5) Phenol-d5	6.78	99	143909	11.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	99133	12.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	127971	12.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	106426	10.63	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	68834	13.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	68979	12.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	130062	12.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	145420	15.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	463483	13.64	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	573708	13.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	40042	7.25	ng/ul	0.02
57) Fluorene-d10	15.24	176	409254	13.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	54650	9.86	ng/ul	0.00
70) Anthracene-d10	17.09	188	625495	13.95	ng/ul	0.00
76) Pyrene-d10	19.39	212	665029	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	545867	14.82	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	6.80	94	14998	1.148	ng/ul#	91
28) Naphthalene	10.41	128	56664	1.685	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	286005	11.406	ng/ul	97
44) Dimethylphthalate	13.70	163	102898	3.081	ng/ul	96
49) Acenaphthene	14.30	153	384071	13.992	ng/ul	96
53) Dibenzofuran	14.64	168	441050	10.681	ng/ul	98
58) Fluorene	15.29	166	439373	12.989	ng/ul	93
69) Phenanthrene	17.03	178	2323999	45.403	ng/ul	99
71) Anthracene	17.13	178	376685	7.135	ng/ul	98
74) Fluoranthene	19.06	202	1551416	25.391	ng/ul#	96
77) Pyrene	19.42	202	988723	19.578	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	193465	3.854	ng/ul	98
82) Chrysene	21.23	228	167699	3.642	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	90708	1.843	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	90708	1.906	ng/ul#	97
88) Benzo(a)pyrene	23.29	252	49146	1.057	ng/ul#	89

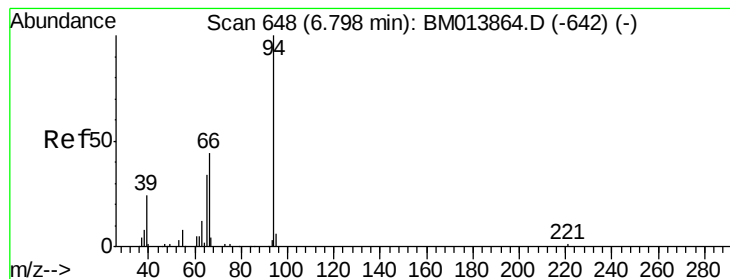
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
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Quant Time: Jan 27 05:35:53 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.148 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

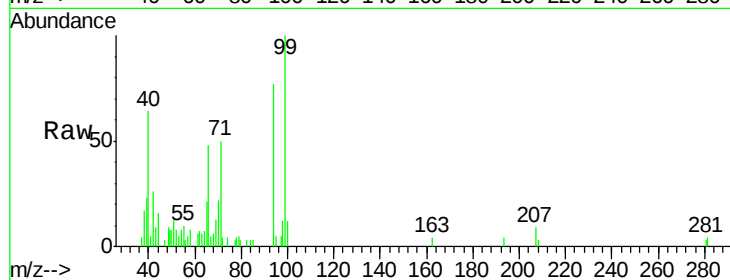
Tot Ion: 94 Resp: 14998

Ion Ratio Lower Upper

94 100

65 27.4 28.2 42.4#

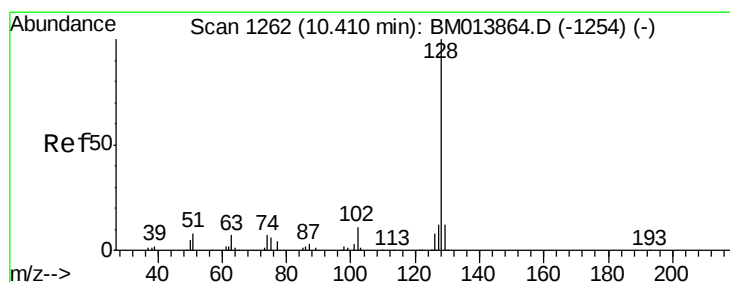
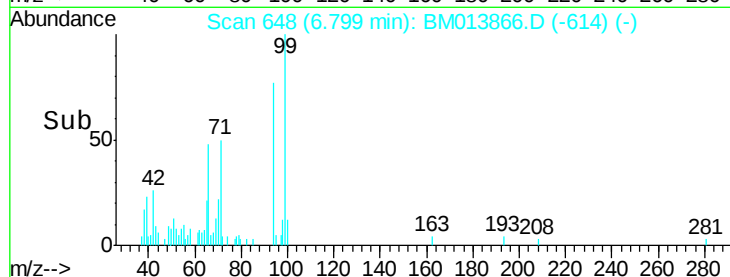
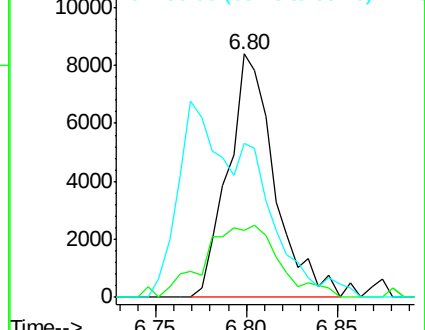
66 63.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013866.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013866.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013866.D (-642) (-)



#28

Naphthalene

Concen: 1.685 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

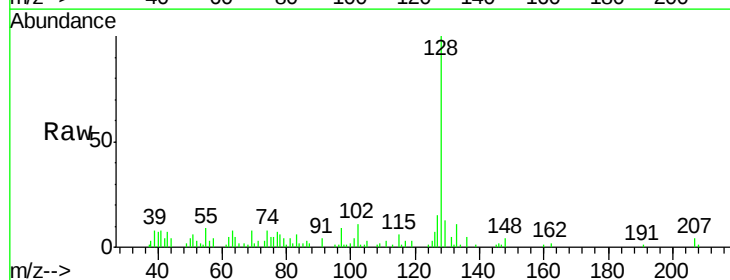
Tgt Ion: 128 Resp: 56664

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

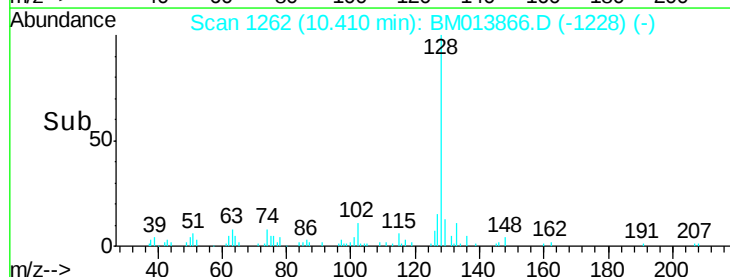
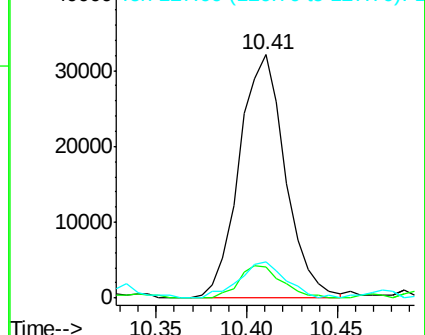
127 14.7 10.6 16.0

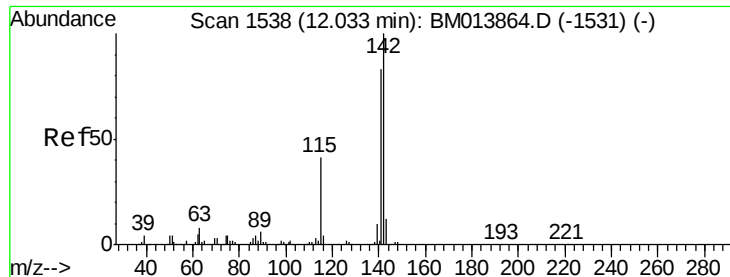


Abundance Ion 128.00 (127.70 to 128.70): BM013866.D (-1228) (-)

Ion 129.00 (128.70 to 129.70): BM013866.D (-1228) (-)

Ion 127.00 (126.70 to 127.70): BM013866.D (-1228) (-)





#34

2-Methylnaphthalene

Concen: 11.406 ng/ul

RT: 12.03 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

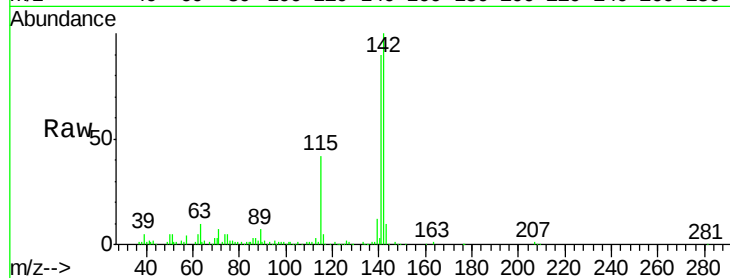
ClientSampleId :

Tot Ion:142 Resp: 286005

Ion Ratio Lower Upper

142 100

141 89.6 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

200000

150000

100000

50000

0

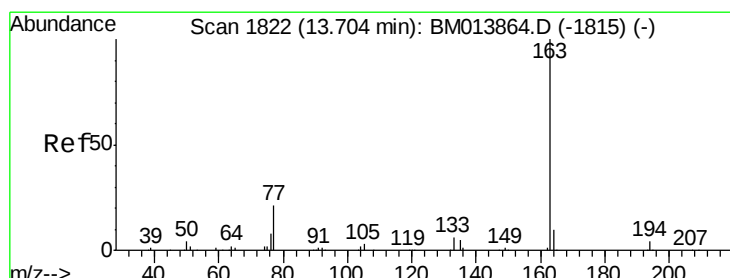
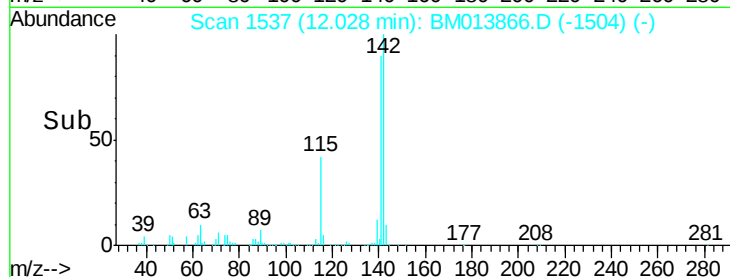
12.03

12.00

12.05

12.10

Time-->



#44

Dimethylphthalate

Concen: 3.081 ng/ul

RT: 13.70 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

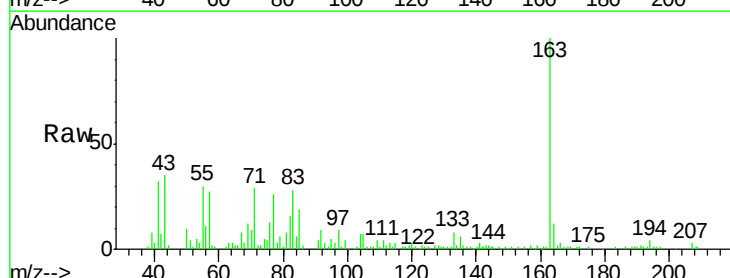
Tgt Ion:163 Resp: 102898

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

164 12.2 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

100000

80000

60000

40000

20000

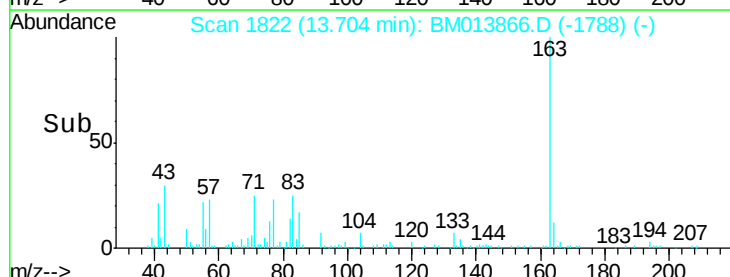
0

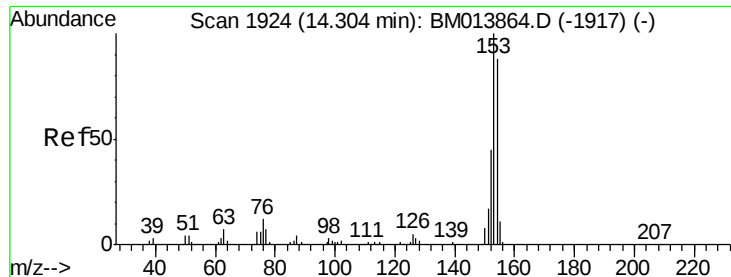
13.70

13.65

13.75

Time-->





#49

Acenaphthene

Concen: 13.992 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

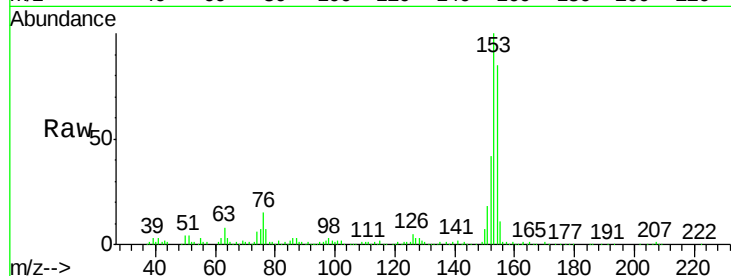
Tot Ion:153 Resp: 384071

Ion Ratio Lower Upper

153 100

152 42.5 37.6 56.4

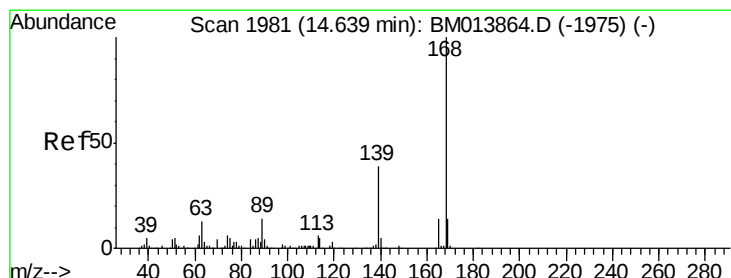
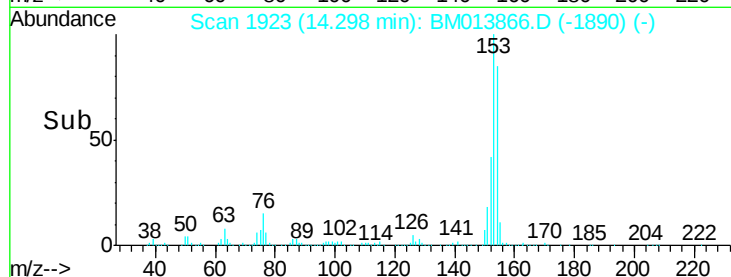
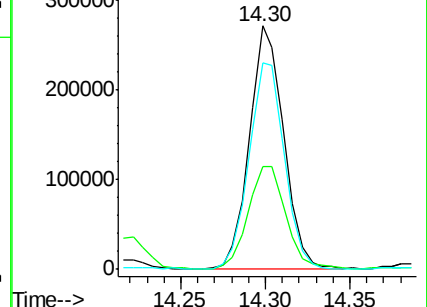
154 85.0 70.4 105.6



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: 10.681 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM013866.D

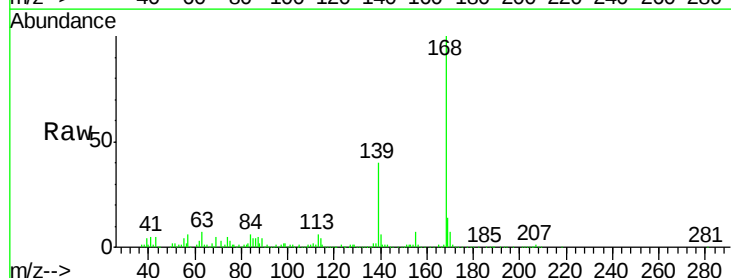
Acq: 27 Jan 2018 04:23

Tgt Ion:168 Resp: 441050

Ion Ratio Lower Upper

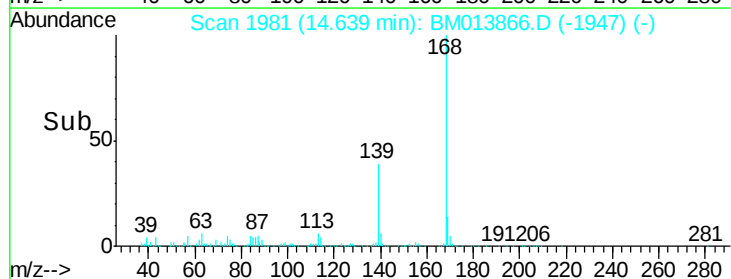
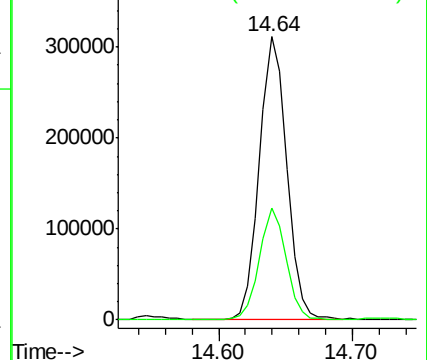
168 100

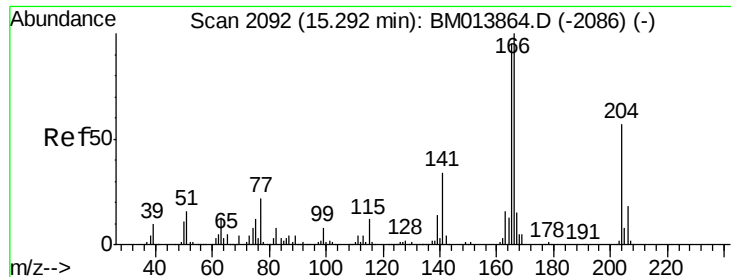
139 39.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 12.989 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

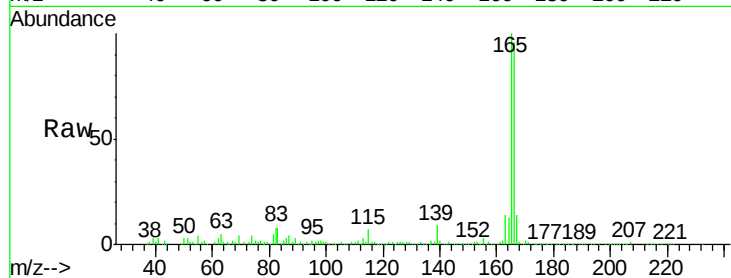
Tot Ion:166 Resp: 439373

Ion Ratio Lower Upper

166 100

165 104.6 77.9 116.9

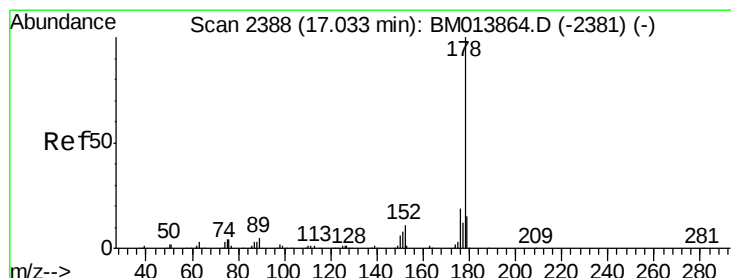
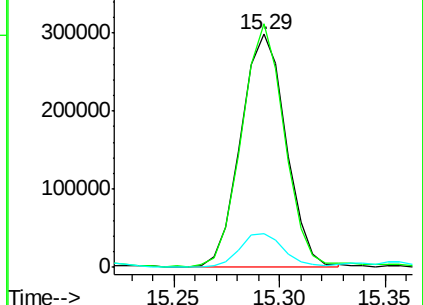
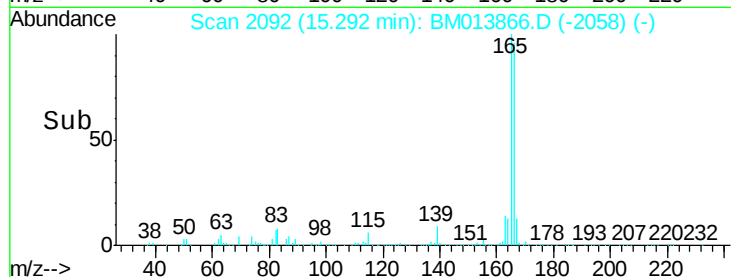
167 14.7 10.6 16.0



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: 45.403 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

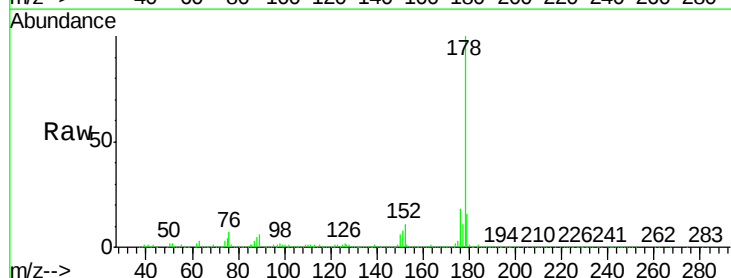
Tgt Ion:178 Resp: 2323999

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

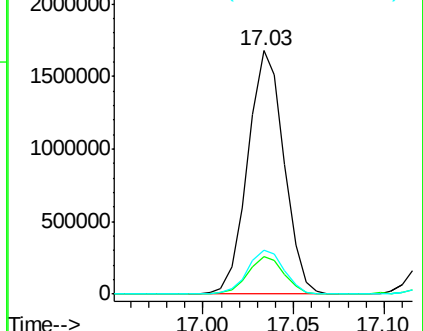
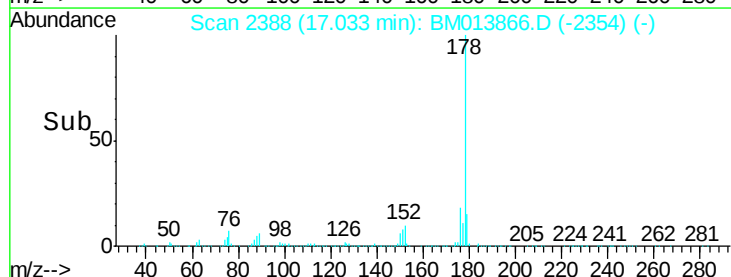
176 18.2 14.9 22.3

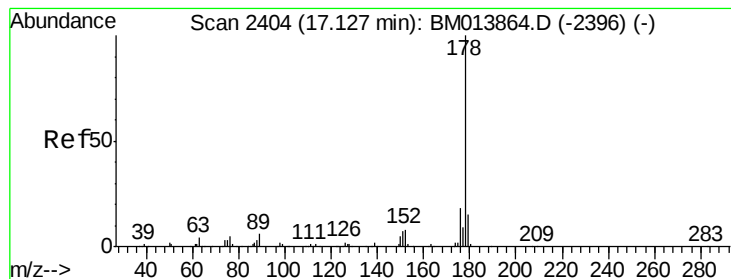


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 7.135 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

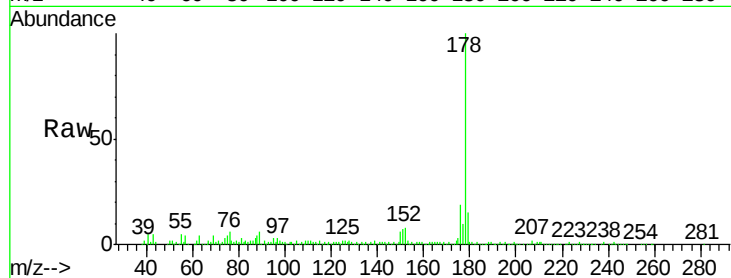
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 376685

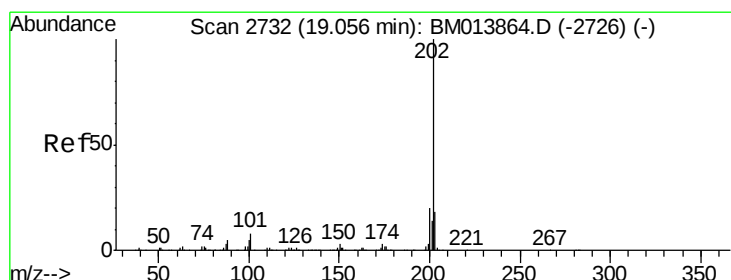
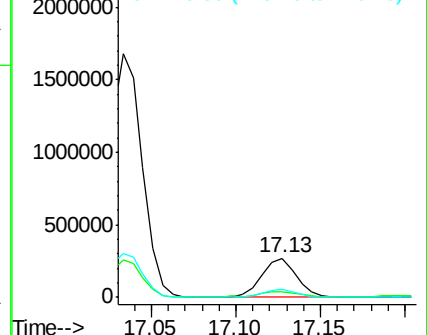
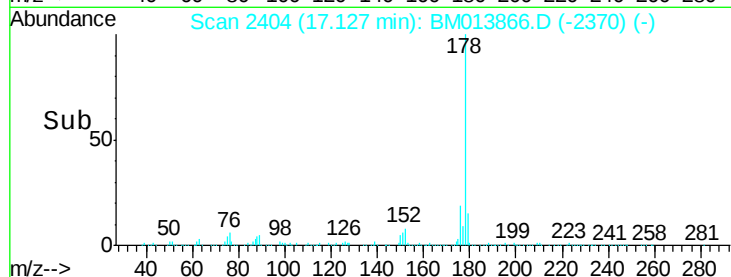
Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	19.4	14.6	21.8



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: 25.391 ng/ul

RT: 19.06 min Scan# 2732

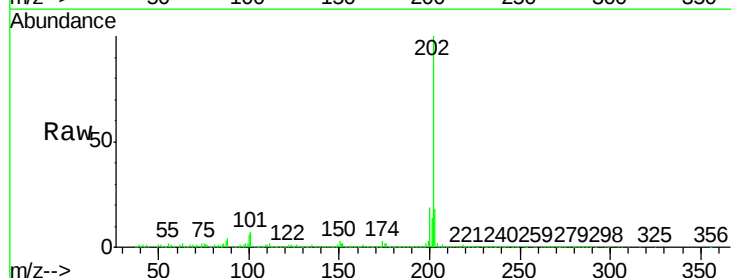
Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Tgt Ion:202 Resp: 1551416

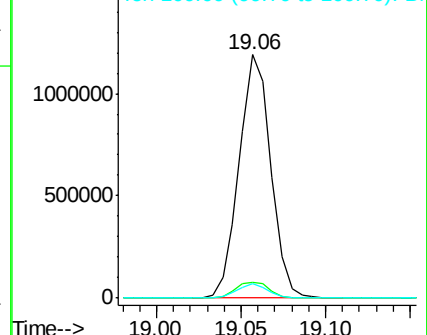
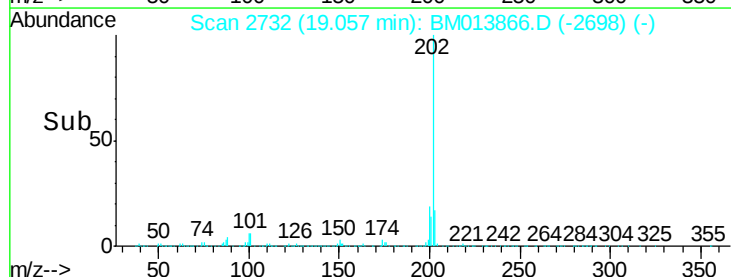
Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	6.2	3.4	5.2

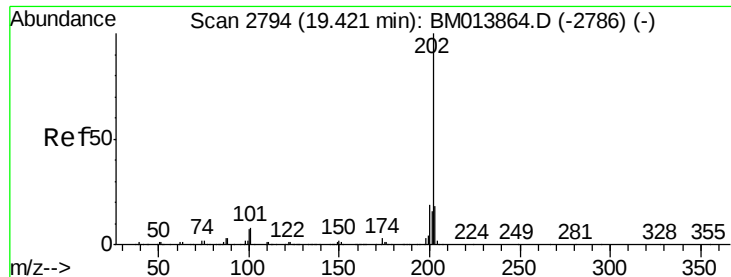


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 19.578 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

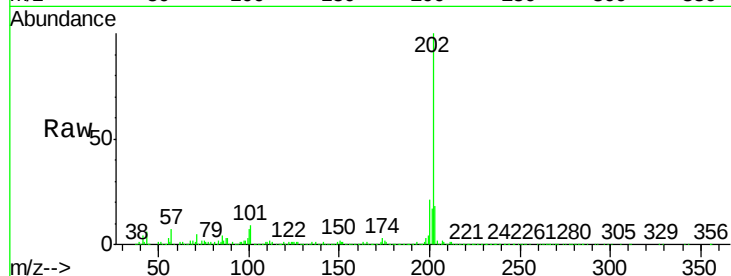
Tot Ion:202 Resp: 988723

Ion Ratio Lower Upper

202 100

101 8.6 5.1 7.7#

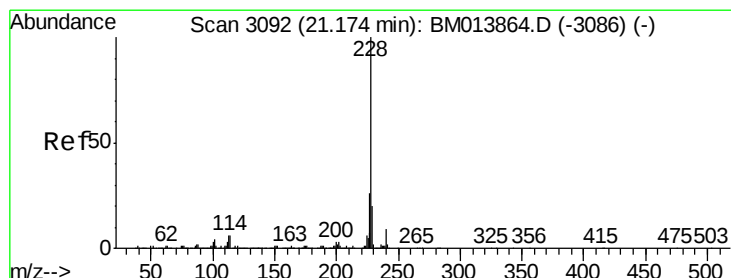
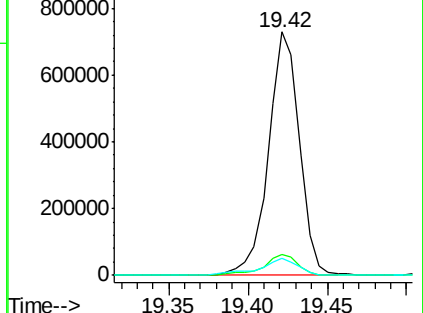
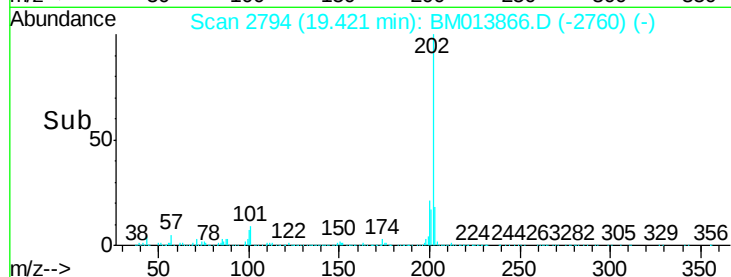
100 7.2 4.9 7.3



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: 3.854 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

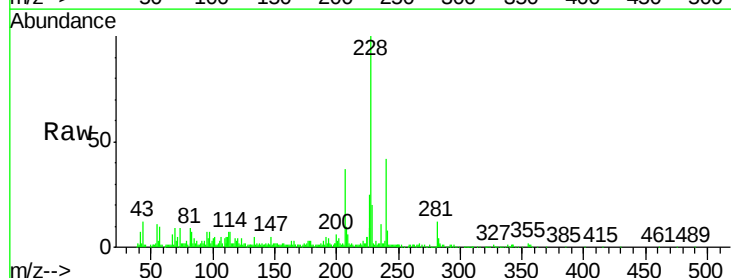
Tgt Ion:228 Resp: 193465

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

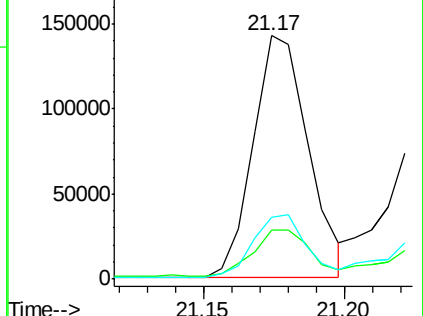
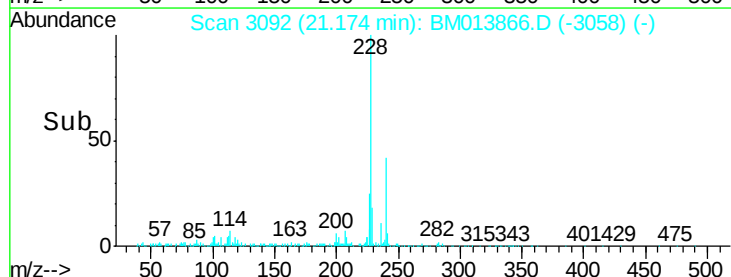
226 25.2 21.4 32.0

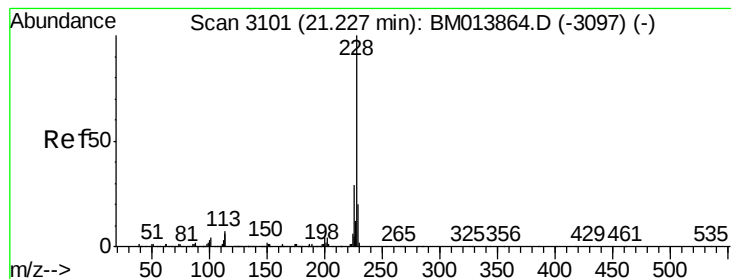


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.642 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

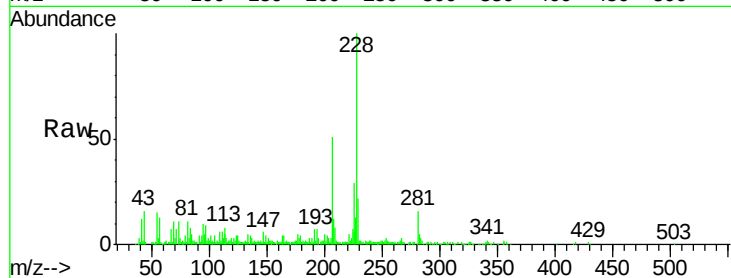
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 167699

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.7	15.5	23.3

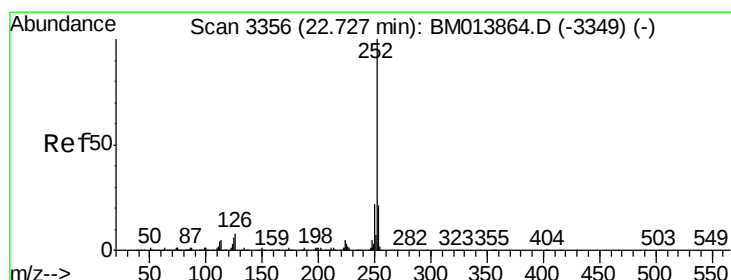
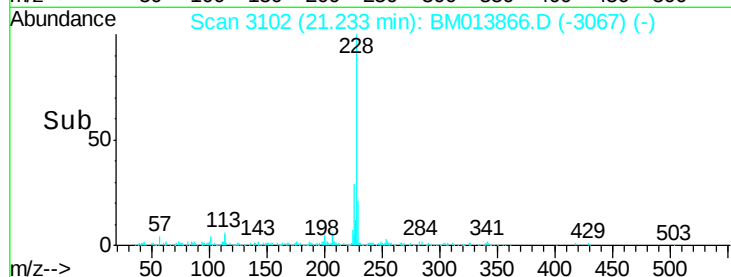
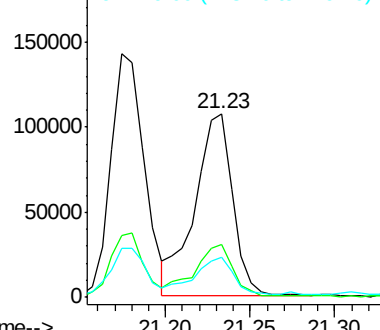


Abundance

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: 1.843 ng/ul

RT: 22.73 min Scan# 3357

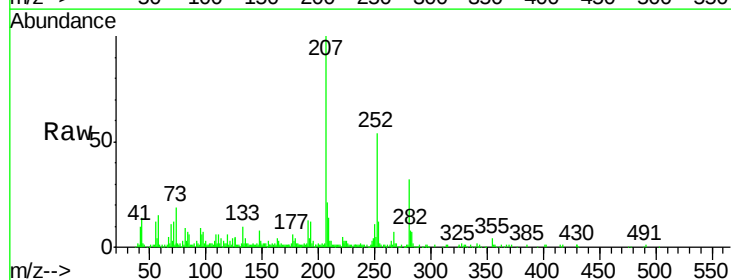
Delta R.T. 0.01 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Tgt Ion:252 Resp: 90708

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.1	3.6	5.4

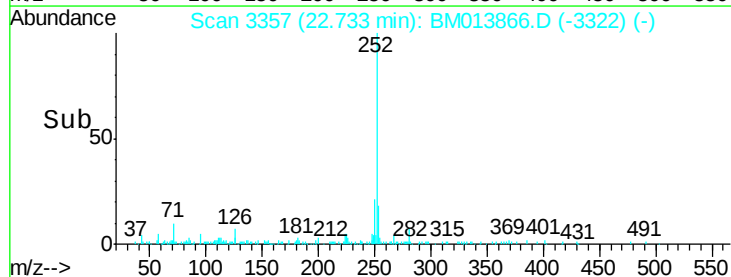
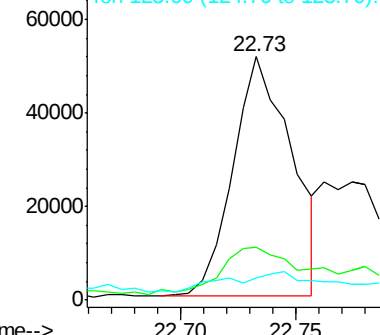


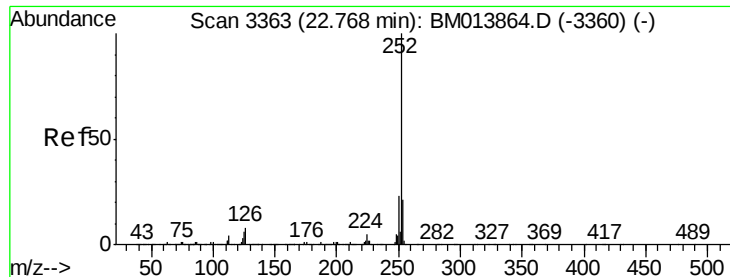
Abundance

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: 1.906 ng/ul

RT: 22.73 min Scan# 3357

Delta R.T. -0.03 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

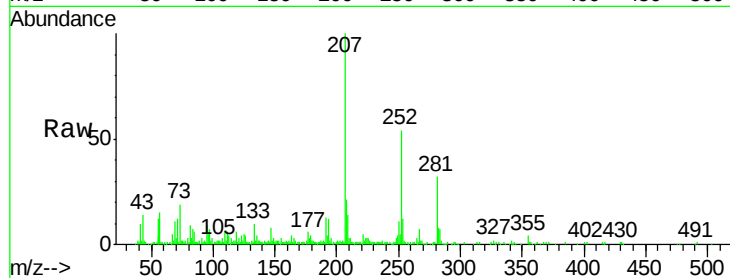
Tot Ion:252 Resp: 90708

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

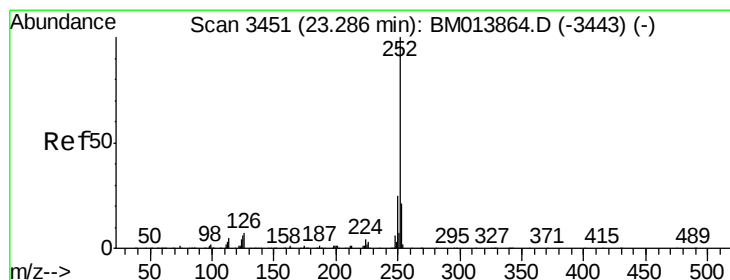
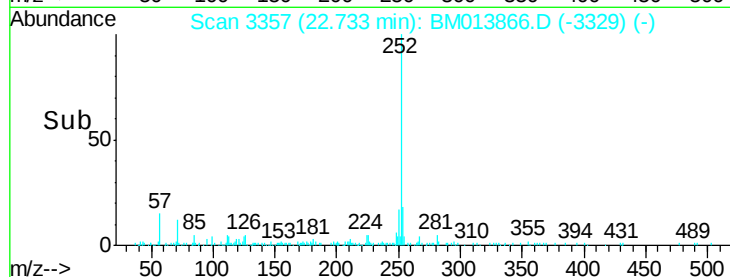
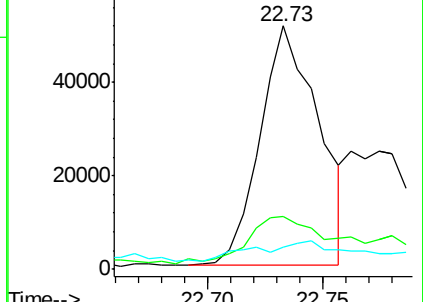
125 9.1 3.4 5.2#



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: 1.057 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. 0.01 min

Lab File: BM013866.D

Acq: 27 Jan 2018 04:23

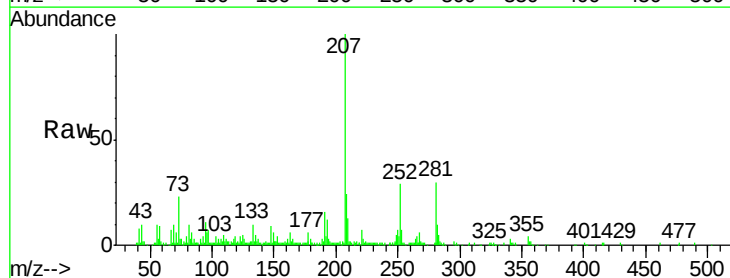
Tgt Ion:252 Resp: 49146

Ion Ratio Lower Upper

252 100

253 25.5 18.2 27.2

125 16.2 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

