

Data File : BM009855.D
Acq On : 02 May 2017 06:04
Operator : SJ/MA
Sample : I2848-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT03

Quant Time: May 02 07:20:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 01:45:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	136561	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	611280	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	418748	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	1052832	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	1576280	20.00	ng/ul	0.04
83) Perylene-d12	23.79	264	1242734	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8417	2.84	ng/uL	0.00
5) Phenol-d5	7.00	99	242892	16.37	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	165541	16.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	169802	17.99	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	188693	16.32	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	85490	17.18	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	95076	18.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	187761	17.93	ng/ul	0.03
29) 4-Chloroaniline-d4	10.77	131	141367	11.21	ng/ul	0.01
43) Dimethylphthalate-d6	13.88	166	648240	17.80	ng/ul	0.01
46) Acenaphthylene-d8	14.17	160	874215	19.90	ng/ul	0.02
51) 4-Nitrophenol-d4	14.68	143	981	0.14	ng/ul	0.00
57) Fluorene-d10	15.47	176	674316	20.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	41514	5.59	ng/ul	0.02
70) Anthracene-d10	17.33	188	1147800	21.23	ng/ul	0.02
76) Pyrene-d10	19.63	212	1497222	21.52	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.63	264	1316676	21.78	ng/ul	0.07

Target Compounds

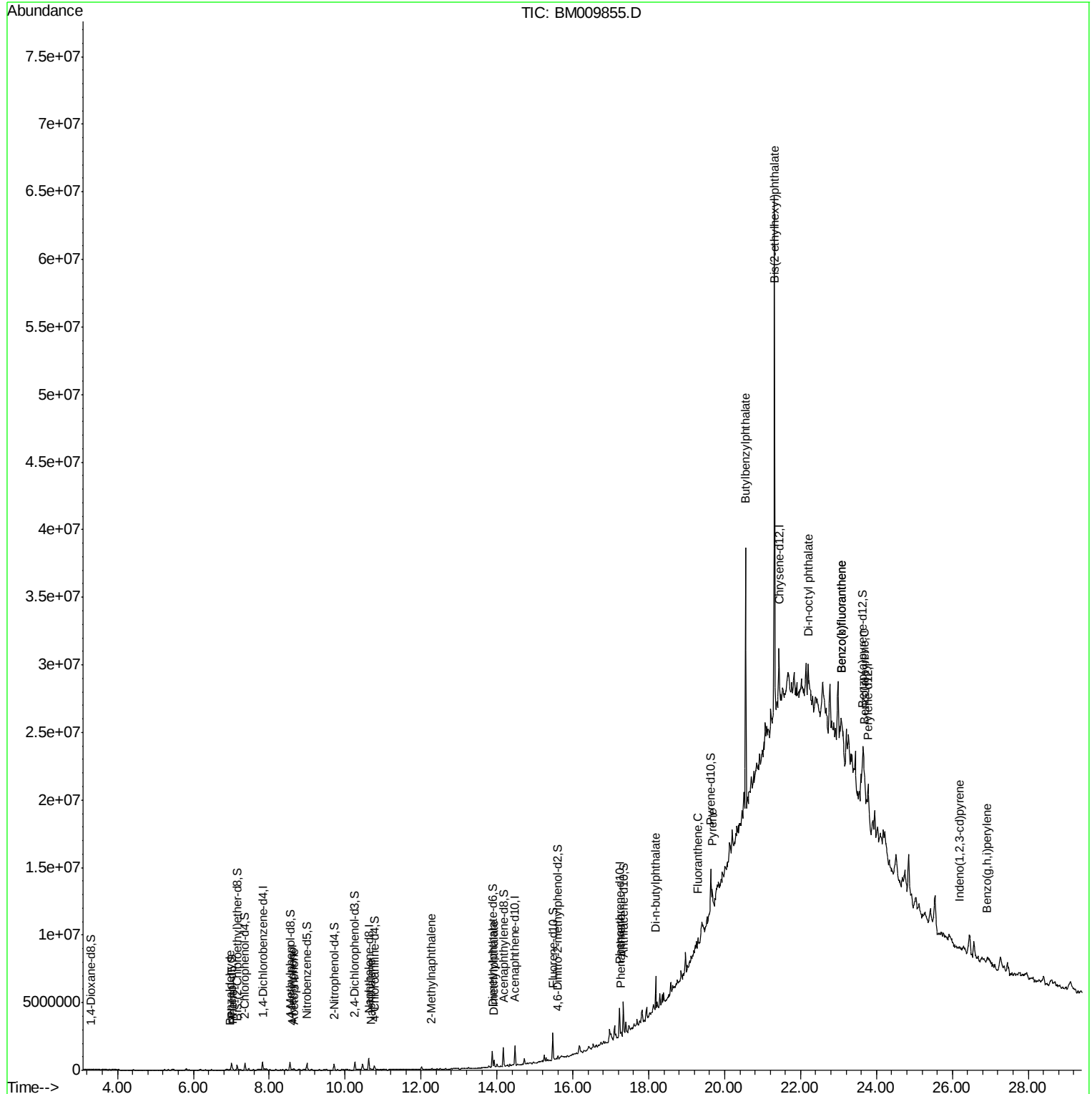
						Qvalue
4) Benzaldehyde	6.97	77	14235	1.47	ng/ul#	59
6) Phenol	7.03	94	32368	2.11	ng/ul#	72
14) Acetophenone	8.65	105	46912	2.47	ng/ul#	78
16) 4-Methylphenol	8.61	108	14372	1.18	ng/ul	94
28) Naphthalene	10.67	128	37885	1.16	ng/ul#	93
34) 2-Methylnaphthalene	12.29	142	39012	1.56	ng/ul	100
44) Dimethylphthalate	13.92	163	261658	7.26	ng/ul	100
69) Phenanthrene	17.27	178	61939	1.02	ng/ul#	73
73) Di-n-butylphthalate	18.18	149	1503712	21.67	ng/ul	96
74) Fluoranthene	19.30	202	99027	1.30	ng/ul#	77
77) Pyrene	19.66	202	291830	3.28	ng/ul#	85
78) Butylbenzylphthalate	20.55	149	4546007	123.15	ng/ul	90
81) Bis(2-ethylhexyl)phthalate	21.32	149	10071668	180.07	ng/ul#	84
84) Di-n-octyl phthalate	22.22	149	438816	4.83	ng/ul#	1
85) Benzo(b)fluoranthene	23.07	252	326066	4.04	ng/ul#	1
86) Benzo(k)fluoranthene	23.07	252	327504	4.43	ng/ul#	1
88) Benzo(a)pyrene	23.68	252	179211	2.39	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.17	276	122941	1.51	ng/ul#	65
91) Benzo(g,h,i)perylene	26.93	276	154150	2.36	ng/ul#	63

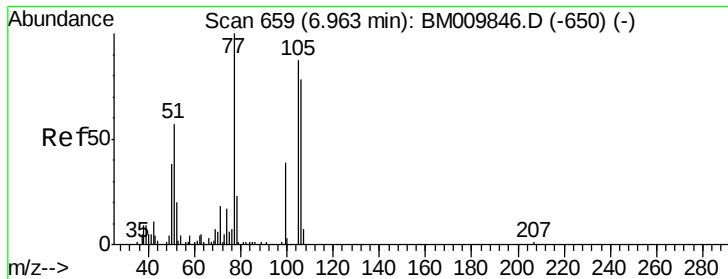
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.47 ng/ul

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

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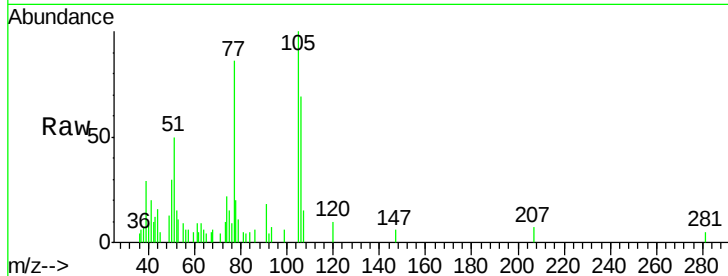
Tgt Ion: 77 Resp: 14235

Ion Ratio Lower Upper

77 100

105 116.0 54.8 82.2#

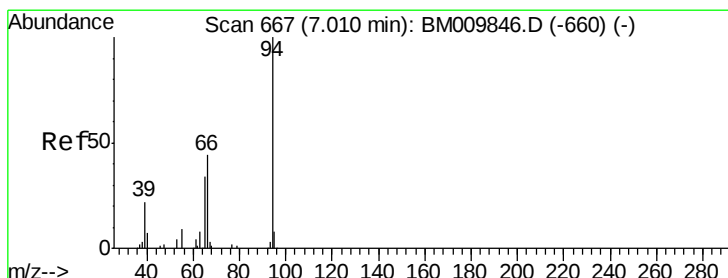
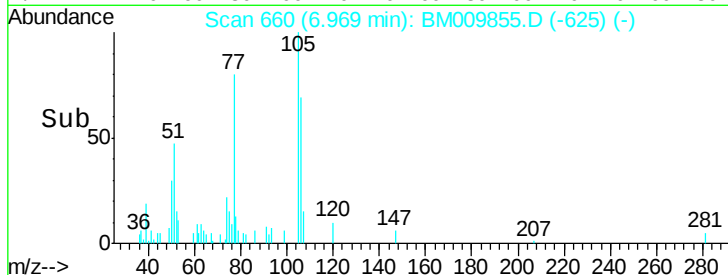
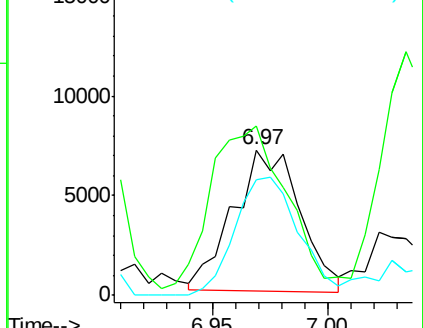
106 79.8 50.2 75.4#



Abundance Ion 77.00 (76.70 to 77.70): BM009846.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM009846.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM009846.D (-650) (-)



#6

Phenol

Concen: 2.11 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.02 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

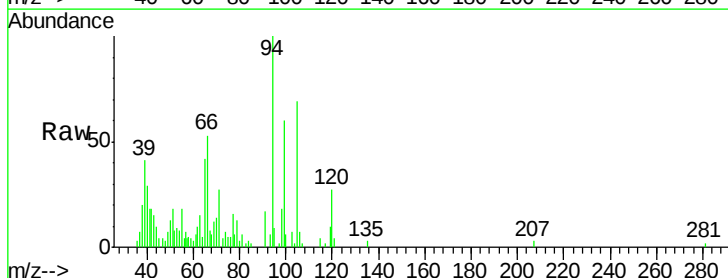
Tgt Ion: 94 Resp: 32368

Ion Ratio Lower Upper

94 100

65 41.8 39.8 59.6

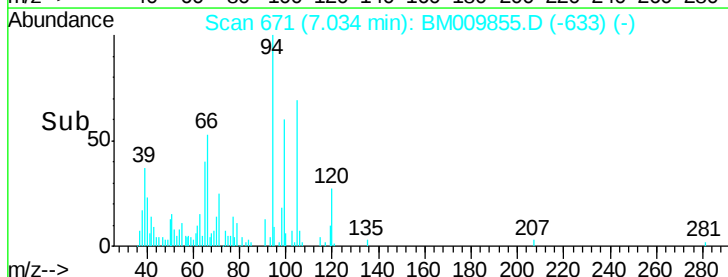
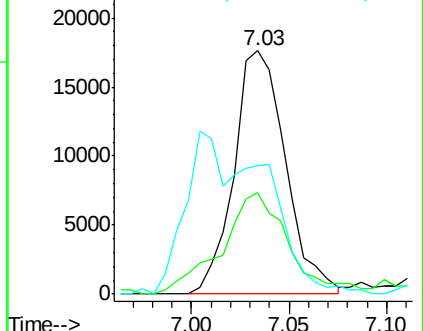
66 52.5 69.9 104.9#

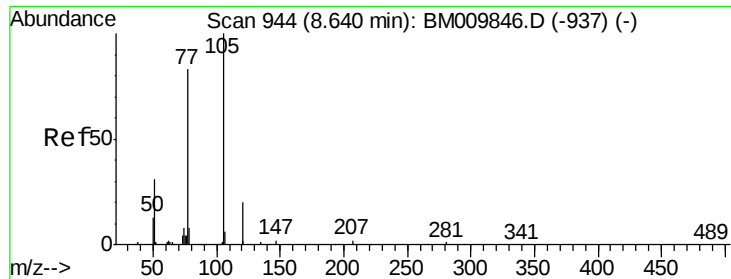


Abundance Ion 94.00 (93.70 to 94.70): BM009846.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BM009846.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BM009846.D (-660) (-)





#14

Acetophenone

Concen: 2.47 ng/ul

RT: 8.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

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ClientSampleId :

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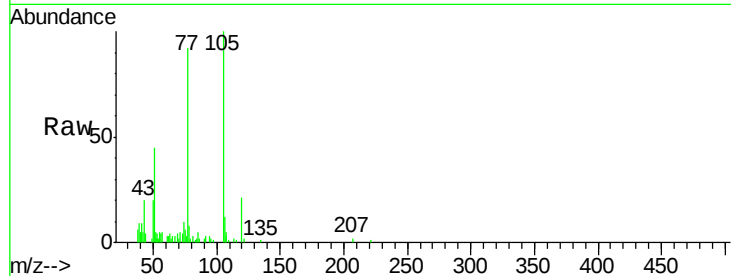
Tgt Ion:105 Resp: 46912

Ion Ratio Lower Upper

105 100

77 92.2 91.7 137.5

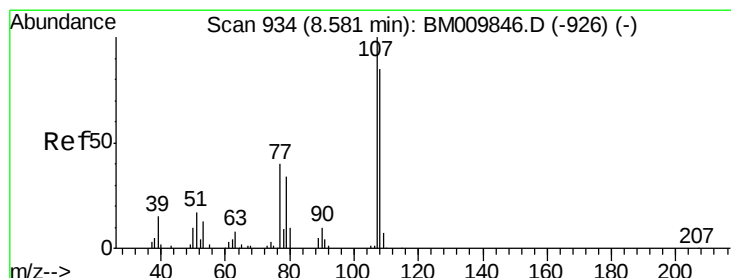
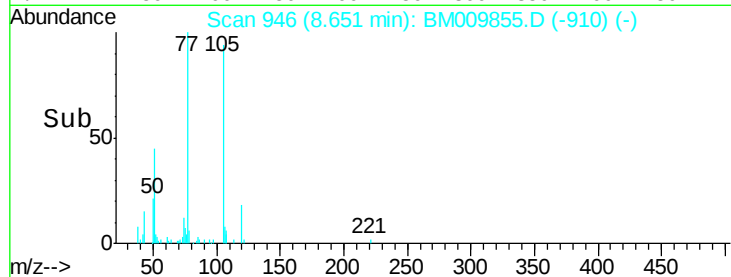
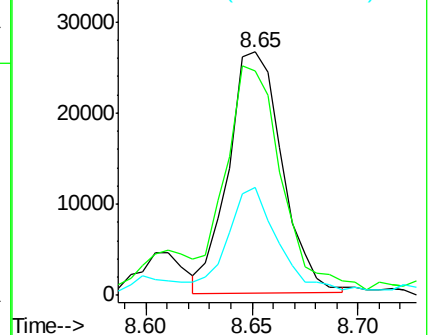
51 44.6 50.8 76.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 1.18 ng/ul

RT: 8.61 min Scan# 939

Delta R.T. 0.03 min

Lab File: BM009855.D

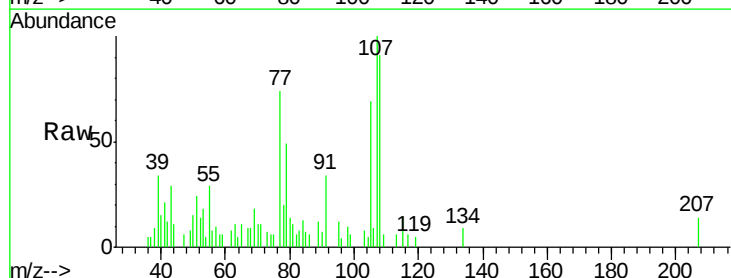
Acq: 02 May 2017 06:04

Tgt Ion:108 Resp: 14372

Ion Ratio Lower Upper

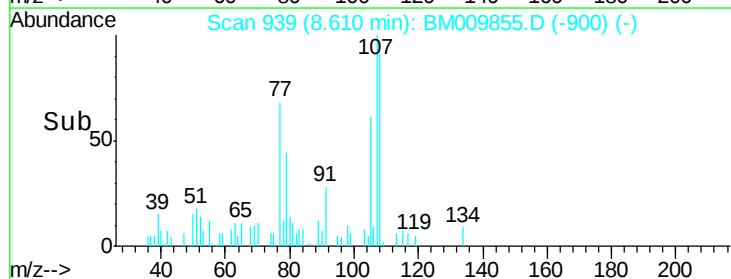
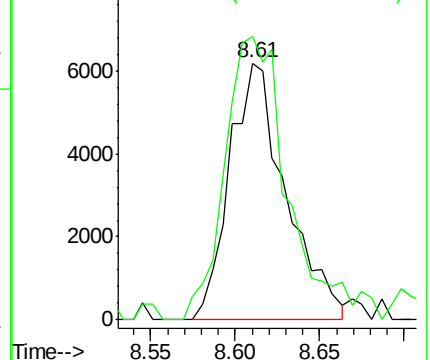
108 100

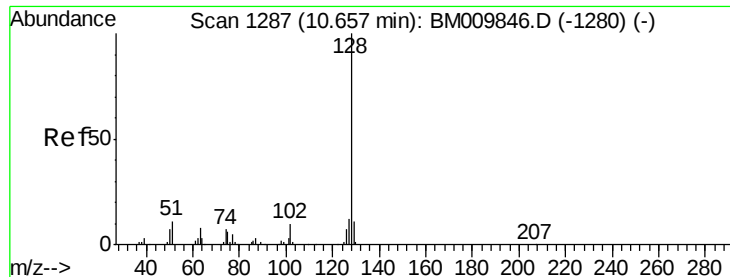
107 110.2 93.1 139.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#28

Naphthalene

Concen: 1.16 ng/ul

RT: 10.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

Instrument :

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JHT03

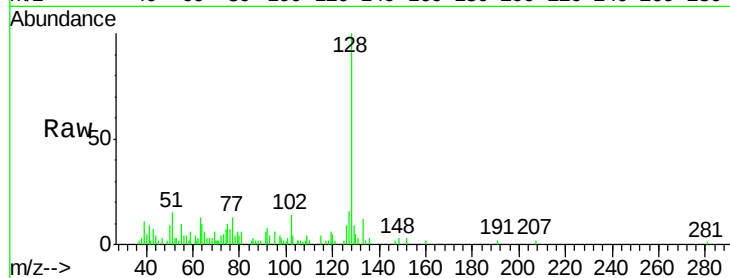
Tgt Ion:128 Resp: 37885

Ion Ratio Lower Upper

128 100

129 9.5 9.7 14.5#

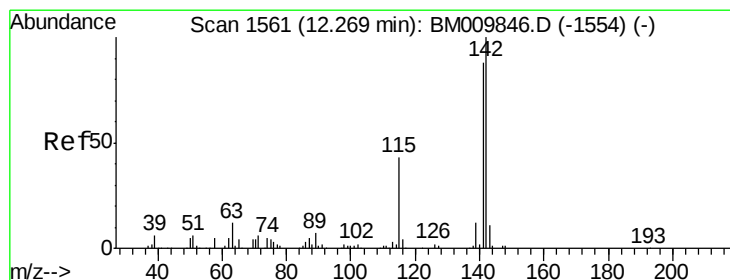
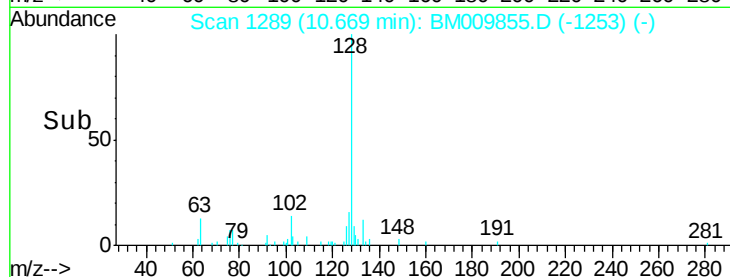
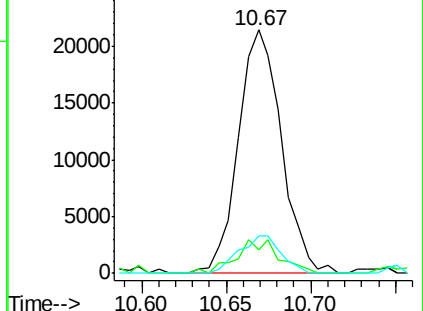
127 15.6 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.56 ng/ul

RT: 12.29 min Scan# 1564

Delta R.T. 0.02 min

Lab File: BM009855.D

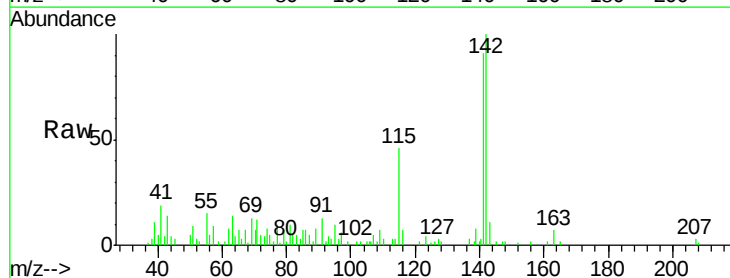
Acq: 02 May 2017 06:04

Tgt Ion:142 Resp: 39012

Ion Ratio Lower Upper

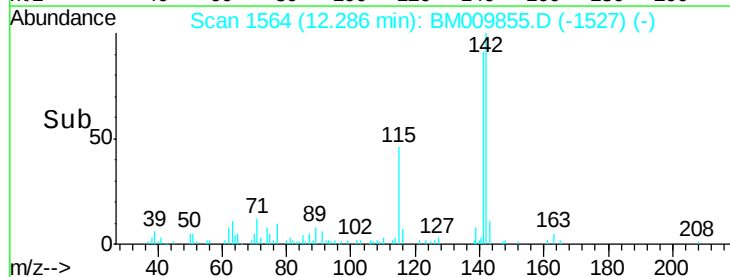
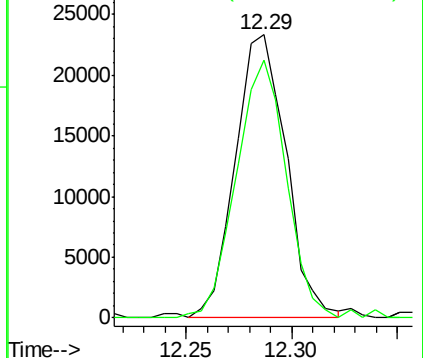
142 100

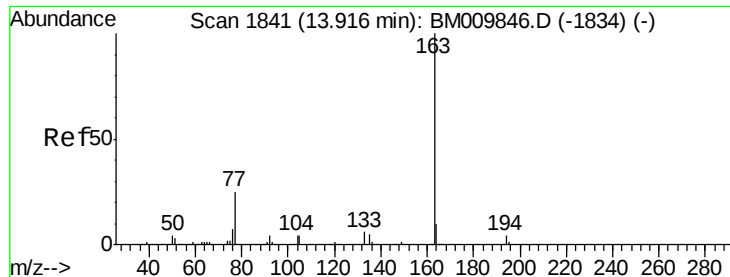
141 91.1 72.6 109.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

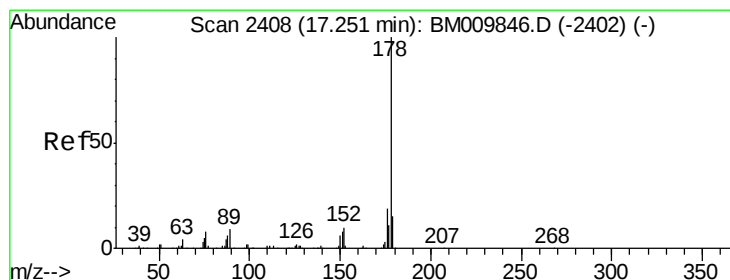
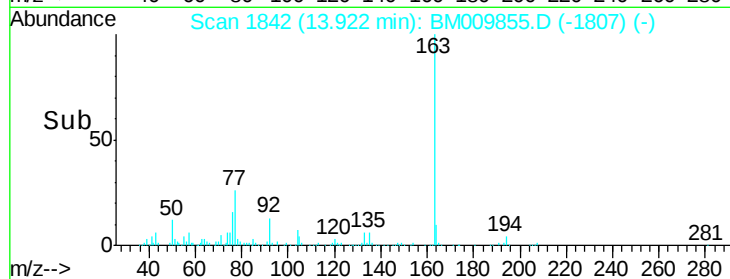
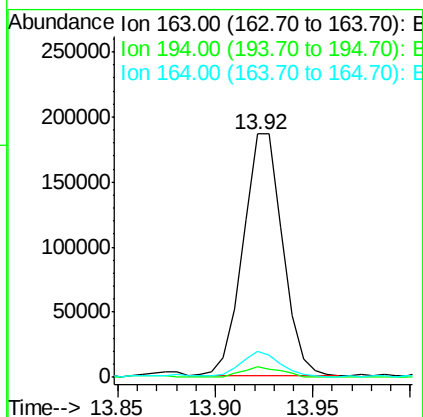
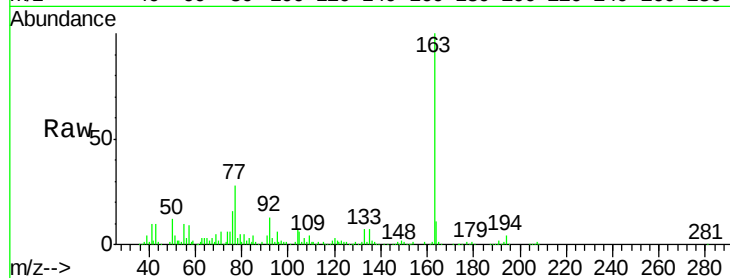




#44
Dimethylphthalate
Concen: 7.26 ng/ul
RT: 13.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM009855.D
Acq: 02 May 2017 06:04

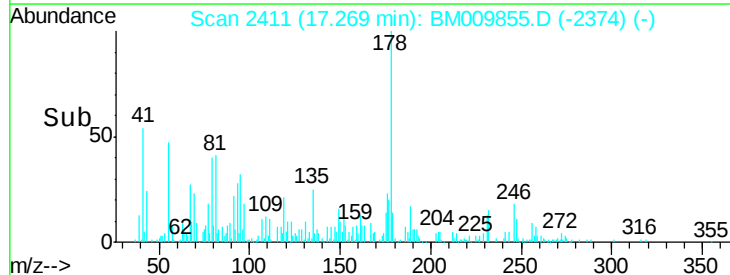
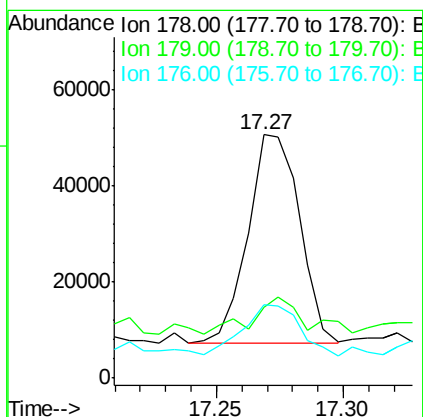
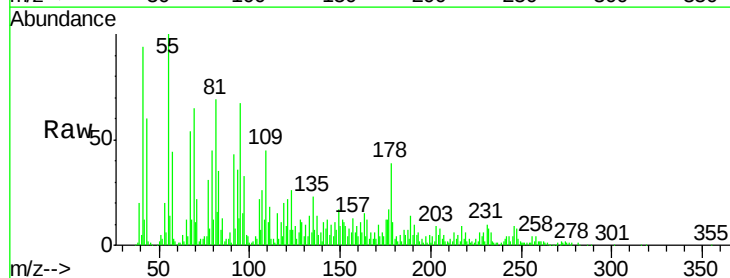
Instrument :
BNA_M
ClientSampleId :
JHT03

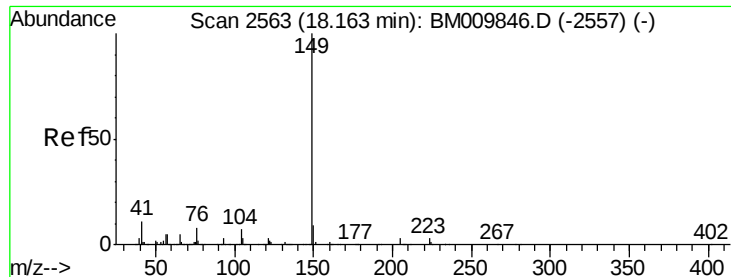
Tgt Ion:163 Resp: 261658
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.8 8.6 12.8



#69
Phenanthrene
Concen: 1.02 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. 0.02 min
Lab File: BM009855.D
Acq: 02 May 2017 06:04

Tgt Ion:178 Resp: 61939
Ion Ratio Lower Upper
178 100
179 29.3 12.6 19.0#
176 30.4 15.8 23.6#





#73

Di-n-butylphthalate

Concen: 21.67 ng/ul

RT: 18.18 min Scan# 2566

Delta R.T. 0.02 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

Instrument :

BNA_M

ClientSampleId :

JHT03

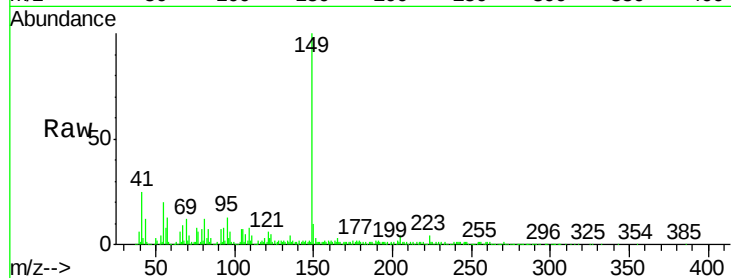
Tgt Ion:149 Resp: 1503712

Ion Ratio Lower Upper

149 100

150 10.3 7.1 10.7

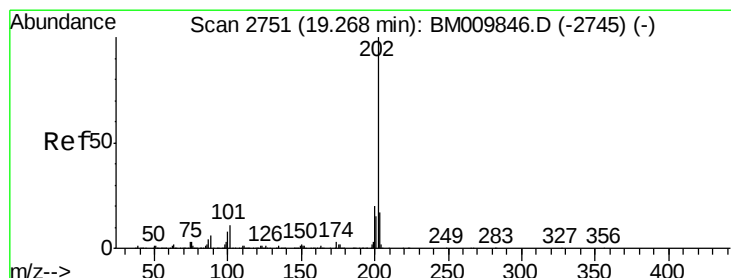
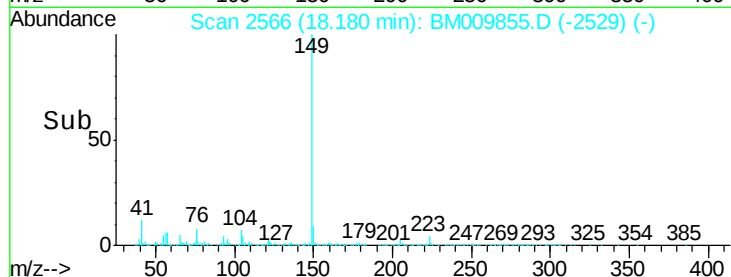
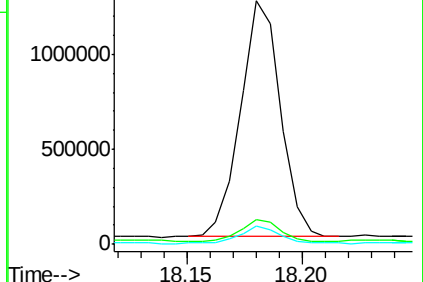
104 7.4 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.30 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.03 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

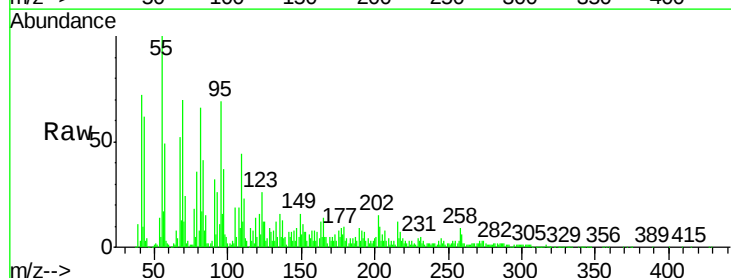
Tgt Ion:202 Resp: 99027

Ion Ratio Lower Upper

202 100

101 16.6 5.7 8.5#

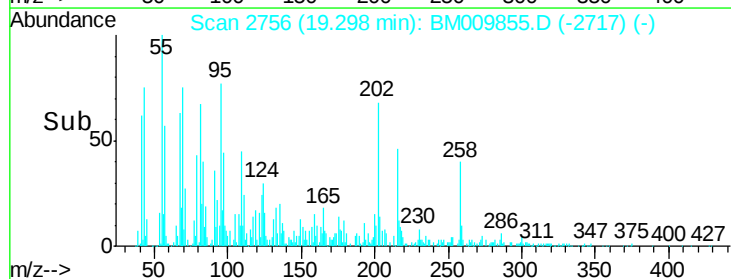
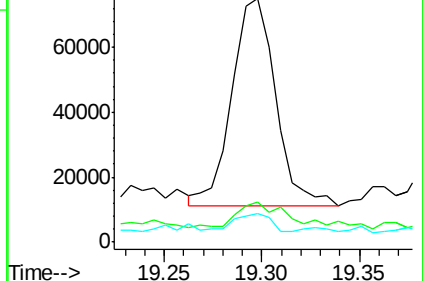
100 12.0 4.6 7.0#

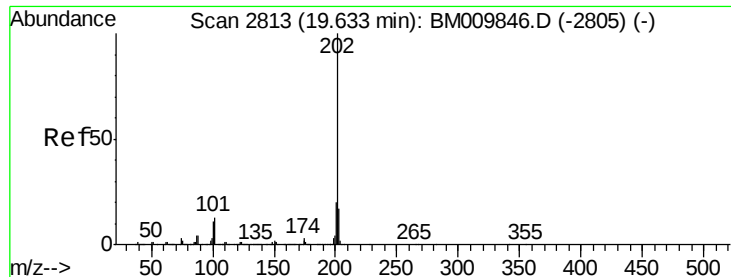


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.28 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.03 min

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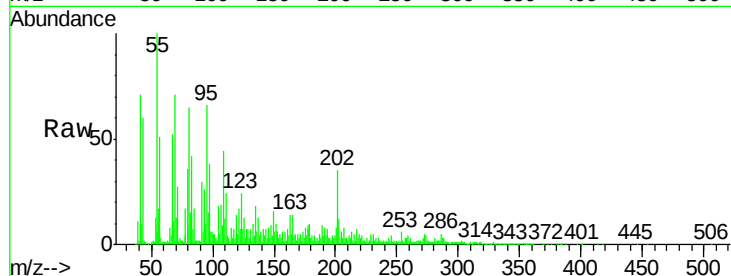
Tgt Ion:202 Resp: 291830

Ion Ratio Lower Upper

202 100

101 13.6 6.2 9.4#

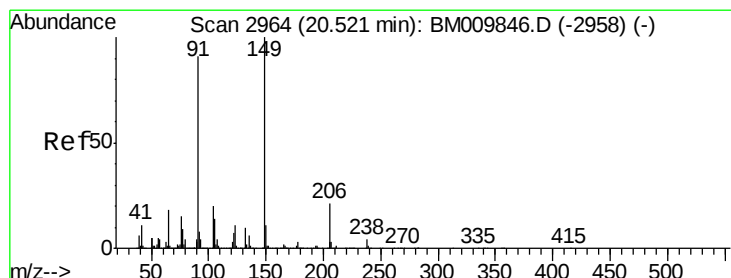
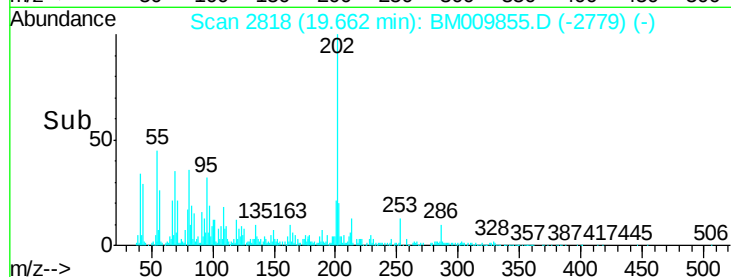
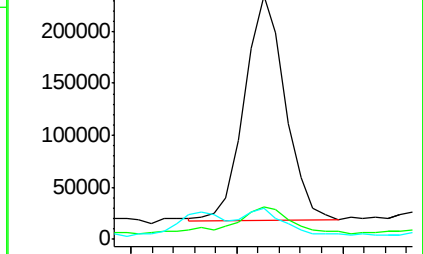
100 12.8 6.4 9.6#



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



#78

Butylbenzylphthalate

Concen: 123.15 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.03 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

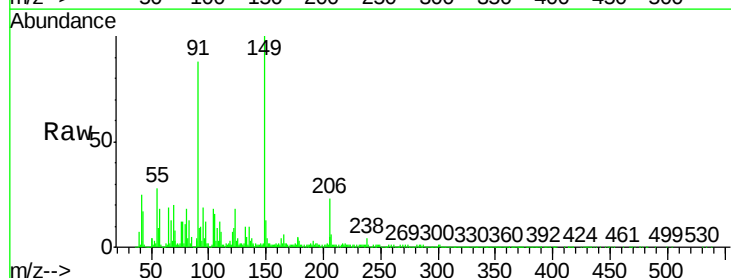
Tgt Ion:149 Resp: 4546007

Ion Ratio Lower Upper

149 100

91 88.3 80.0 120.0

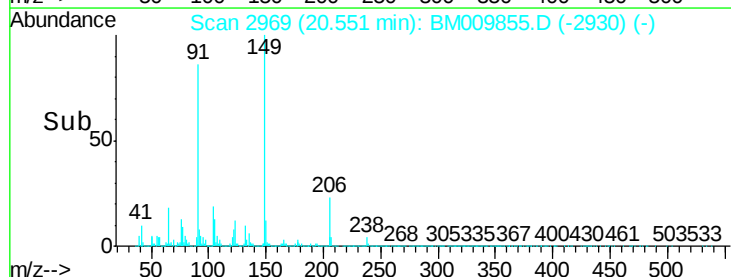
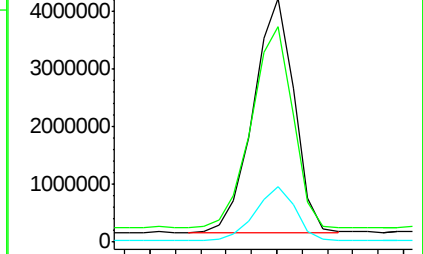
206 23.0 19.1 28.7

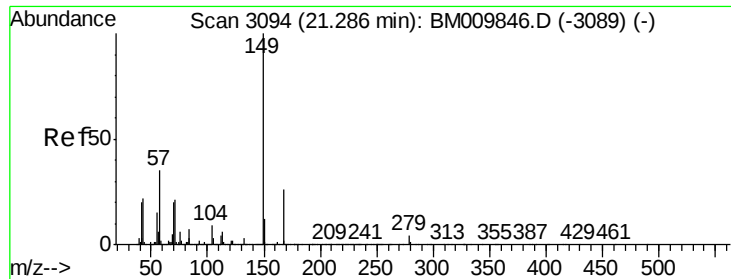


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 180.07 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.03 min

Lab File: BM009855.D

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Instrument :

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ClientSampled :

JHT03

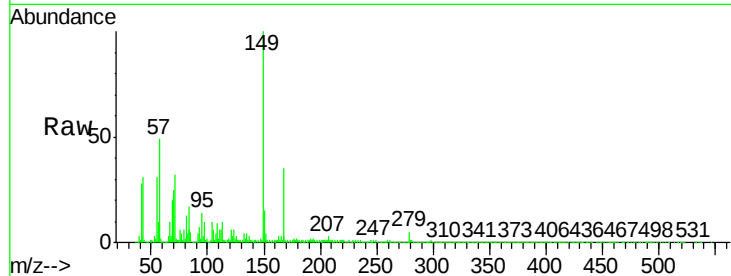
Tgt Ion:149 Resp:10071668

Ion Ratio Lower Upper

149 100

167 34.7 20.2 30.2#

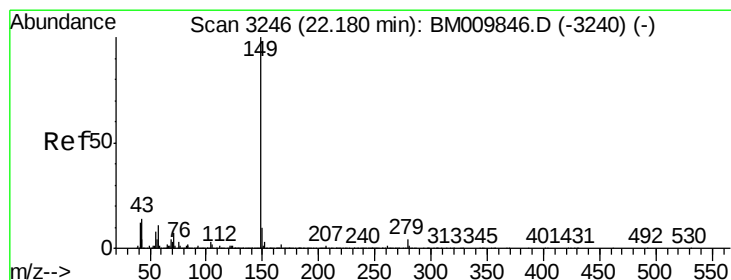
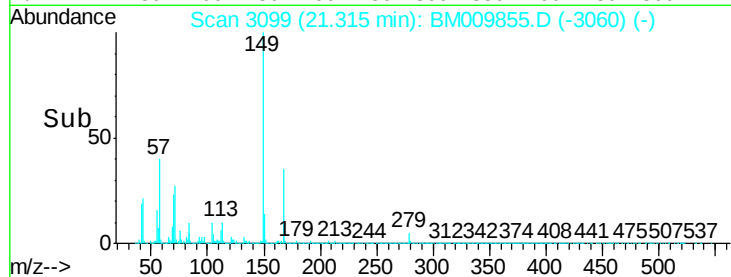
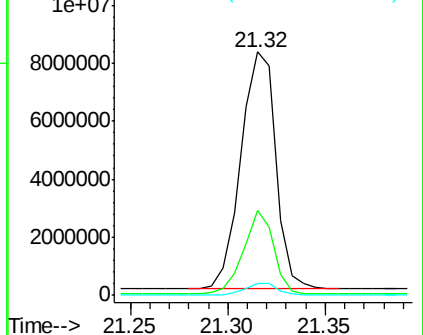
279 5.1 4.0 6.0



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



#84

Di-n-octyl phthalate

Concen: 4.83 ng/ul

RT: 22.22 min Scan# 3253

Delta R.T. 0.04 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

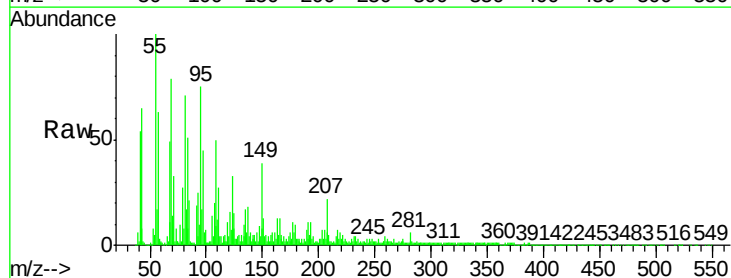
Tgt Ion:149 Resp: 438816

Ion Ratio Lower Upper

149 100

167 12.6 1.4 2.0#

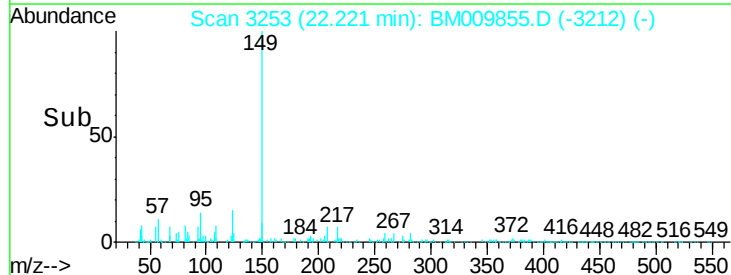
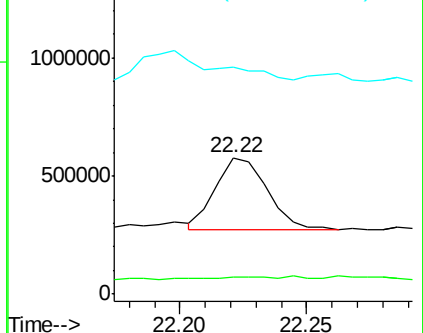
43 167.0 13.7 20.5#

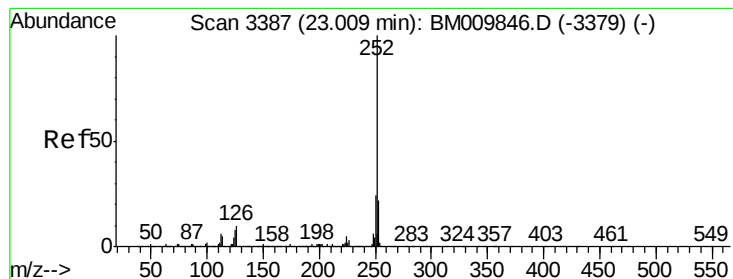


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 4.04 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. 0.06 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

Instrument :

BNA_M

ClientSampled :

JHT03

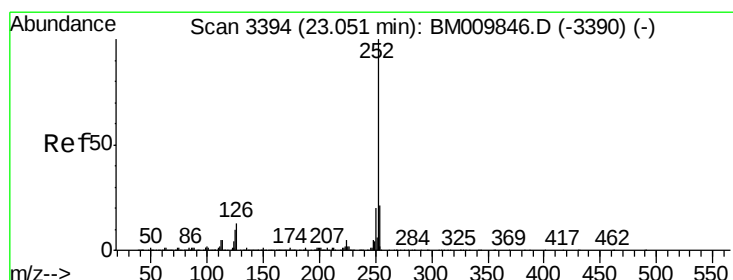
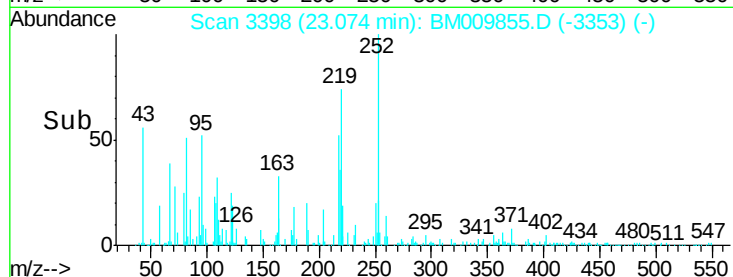
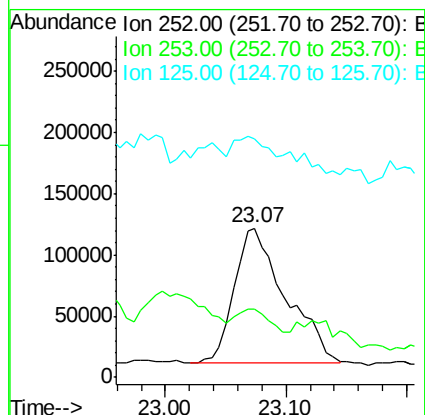
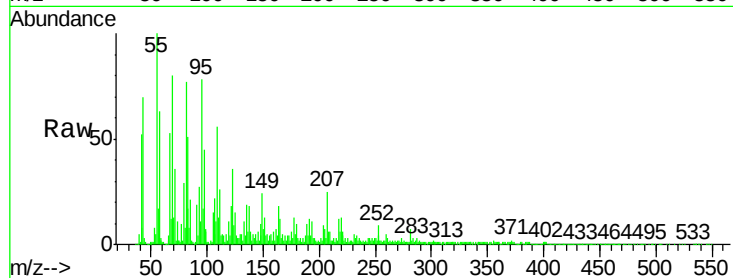
Tgt Ion:252 Resp: 326066

Ion Ratio Lower Upper

252 100

253 45.8 17.0 25.4#

125 159.6 3.7 5.5#



#86

Benzo(k)fluoranthene

Concen: 4.43 ng/ul

RT: 23.07 min Scan# 3398

Delta R.T. 0.02 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

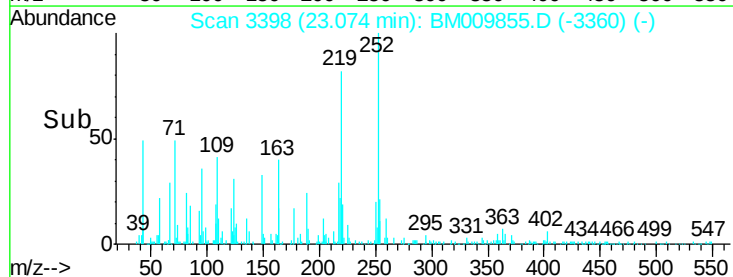
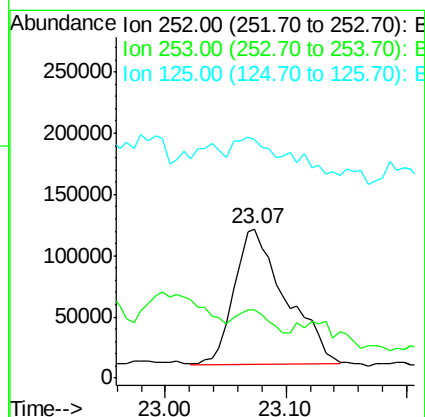
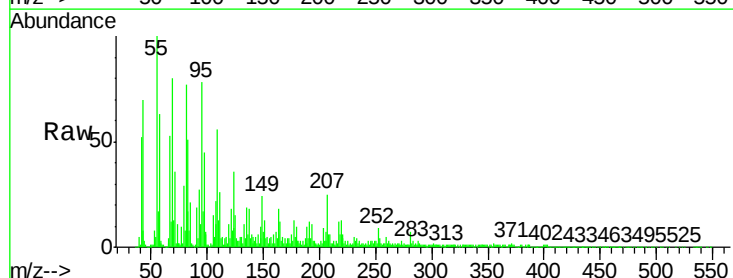
Tgt Ion:252 Resp: 327504

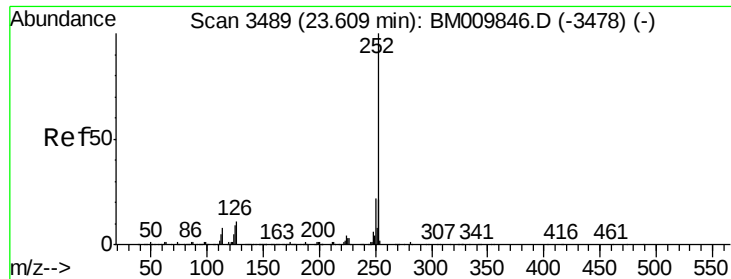
Ion Ratio Lower Upper

252 100

253 45.8 17.4 26.0#

125 159.6 3.8 5.8#





#88

Benzo(a)pyrene

Concen: 2.39 ng/ul

RT: 23.68 min Scan# 3501

Delta R.T. 0.07 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

Instrument :

BNA_M

ClientSampleId :

JHT03

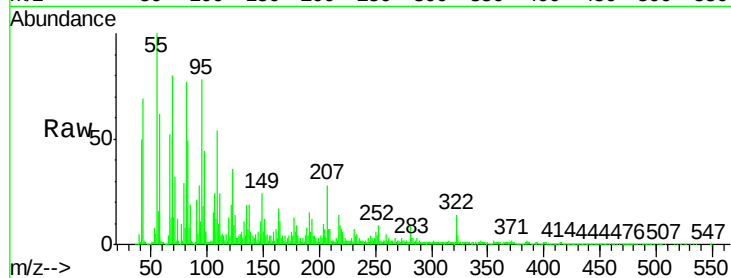
Tgt Ion:252 Resp: 179211

Ion Ratio Lower Upper

252 100

253 38.9 17.4 26.0#

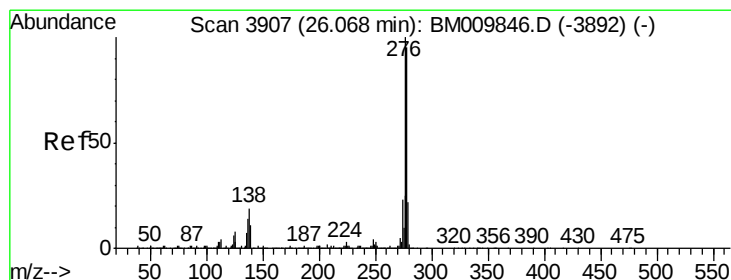
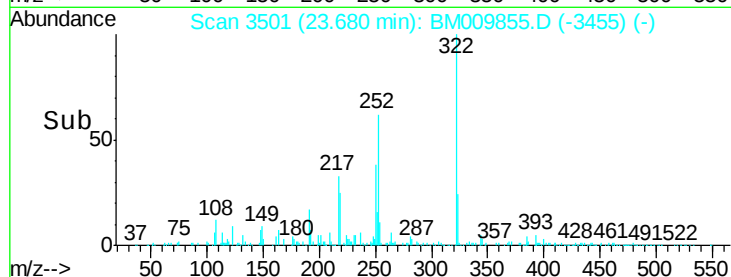
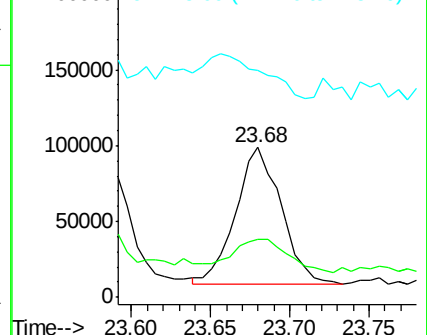
125 150.9 3.7 5.5#



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: 1.51 ng/ul

RT: 26.17 min Scan# 3925

Delta R.T. 0.11 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

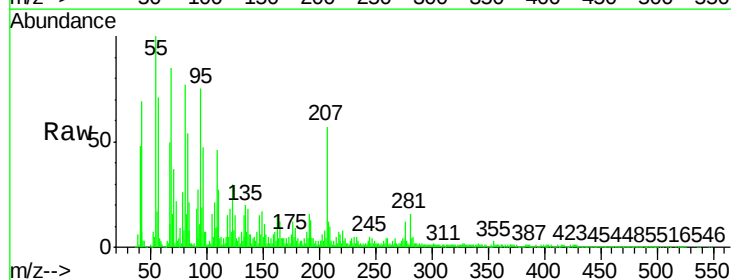
Tgt Ion:276 Resp: 122941

Ion Ratio Lower Upper

276 100

138 49.9 8.2 12.2#

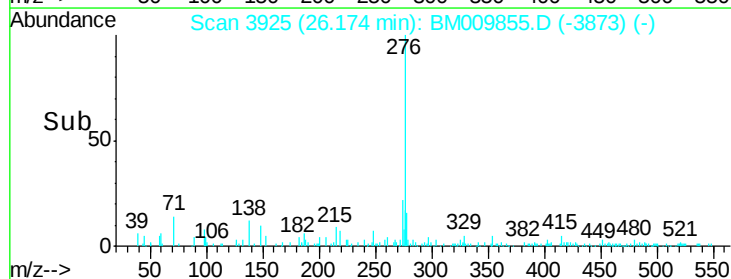
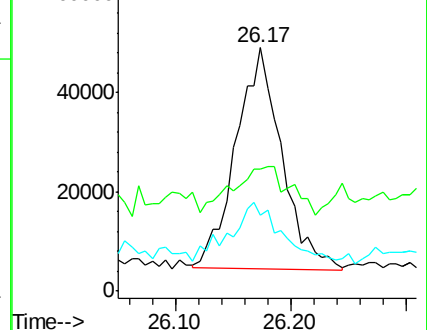
277 31.0 21.5 32.3

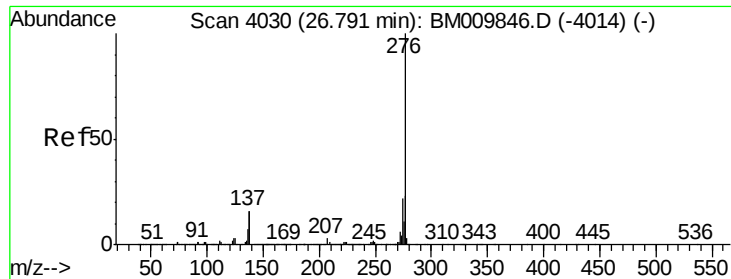


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.36 ng/ul

RT: 26.93 min Scan# 4053

Delta R.T. 0.14 min

Lab File: BM009855.D

Acq: 02 May 2017 06:04

Instrument :

BNA_M

ClientSampleId :

JHT03

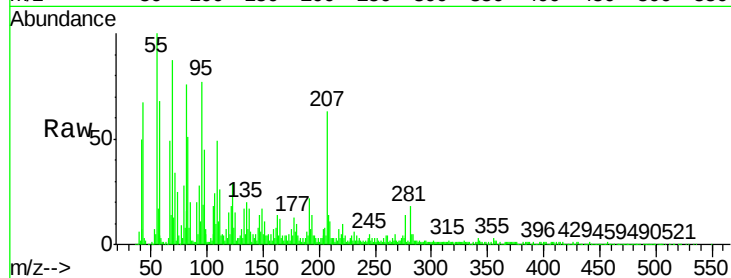
Tgt Ion:276 Resp: 154150

Ion Ratio Lower Upper

276 100

138 43.3 7.0 10.4#

277 31.6 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

