

Data File : BM009858.D
Acq On : 02 May 2017 07:52
Operator : SJ/MA
Sample : I2849-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSW5DL

Quant Time: May 02 08:34:02 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	104370	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	481437	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	325996	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.23	188	823762	20.00	ng/ul	0.02
75) Chrysene-d12	21.42	240	1382747	20.00	ng/ul	0.02
83) Perylene-d12	23.76	264	1255029	20.00	ng/ul	0.05

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	1622	0.72	ng/uL	0.01
5) Phenol-d5	7.02	99	33261	2.93	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	31090	4.02	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	26829	3.72	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	27228	3.08	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	14843	3.79	ng/ul	0.02
22) 2-Nitrophenol-d4	9.72	143	15292	3.71	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	31191	3.78	ng/ul	0.03
29) 4-Chloroaniline-d4	10.77	131	26739	2.69	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	109627	3.87	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	149285	4.37	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	1108	0.20	ng/ul	0.02
57) Fluorene-d10	15.47	176	112151	4.38	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	4059	0.70	ng/ul	0.02
70) Anthracene-d10	17.33	188	190185	4.50	ng/ul	0.02
76) Pyrene-d10	19.63	212	242949	3.98	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	269080	4.41	ng/ul	0.04

Target Compounds				Qvalue		
17) Hexachloroethane	8.92	117	7694	2.24	ng/ul#	11
24) 2,4-Dimethylphenol	9.80	107	12740	1.14	ng/ul#	46
28) Naphthalene	10.67	128	31836	1.24	ng/ul	97
74) Fluoranthene	19.29	202	158216	2.65	ng/ul#	91
77) Pyrene	19.66	202	342321	4.38	ng/ul#	90
80) Benzo(a)anthracene	21.40	228	111035	1.35	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.30	149	1127016	22.97	ng/ul	96
82) Chrysene	21.46	228	127460	1.73	ng/ul#	80
84) Di-n-octyl phthalate	22.20	149	841598	9.18	ng/ul#	1
85) Benzo(b)fluoranthene	23.04	252	220397	2.70	ng/ul#	38
86) Benzo(k)fluoranthene	23.04	252	220397	2.95	ng/ul#	39
88) Benzo(a)pyrene	23.65	252	160004	2.11	ng/ul#	45
89) Indeno(1,2,3-cd)pyrene	26.13	276	92077	1.12	ng/ul#	76
91) Benzo(g,h,i)perylene	26.86	276	72896	1.10	ng/ul#	49

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

Data File : BM009858.D

Acq On : 02 May 2017 07:52

Operator : SJ/MA

Sample : I2849-12DL 5X

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

JHSW5DL

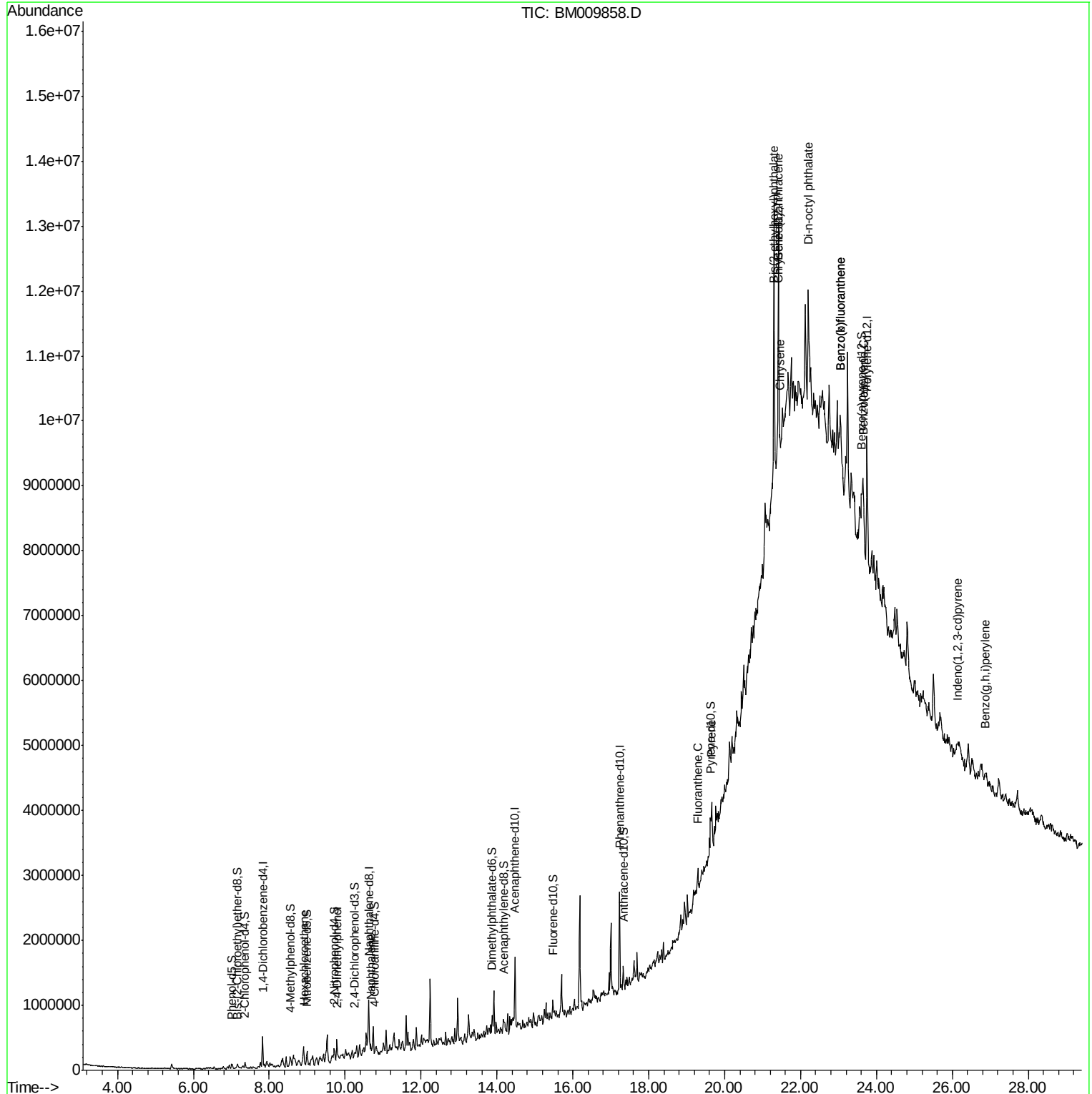
Quant Time: May 02 08:34:02 2017

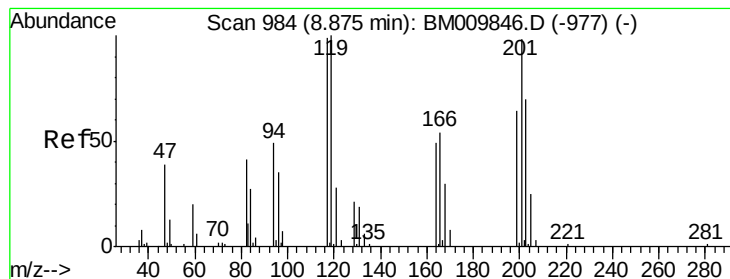
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 02 01:45:45 2017

Response via : Initial Calibration





#17

Hexachloroethane

Concen: 2.24 ng/ul

RT: 8.92 min Scan# 991

Delta R.T. 0.04 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleId :

JHSW5DL

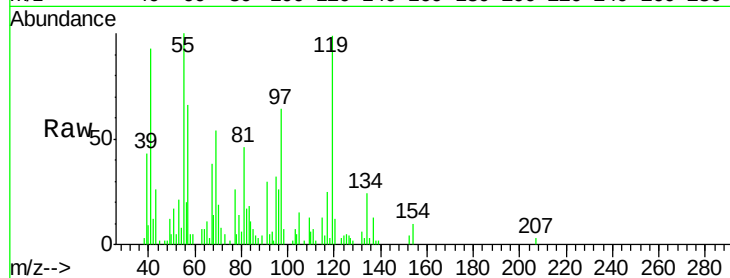
Tgt Ion:117 Resp: 7694

Ion Ratio Lower Upper

117 100

201 0.0 71.0 106.6#

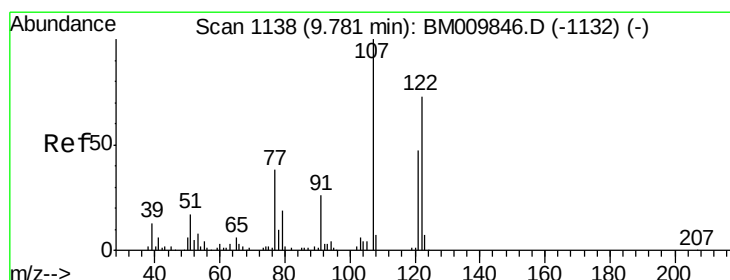
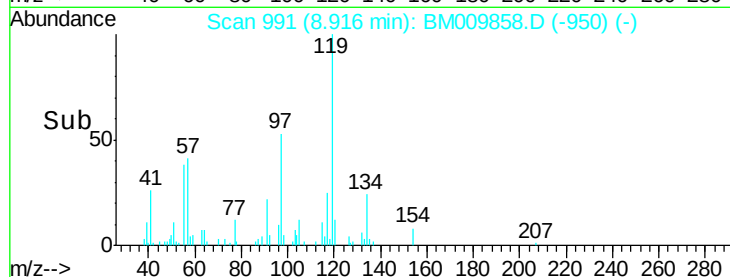
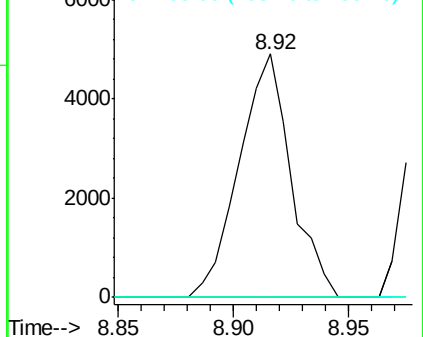
199 0.0 47.8 71.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 1.14 ng/ul

RT: 9.80 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

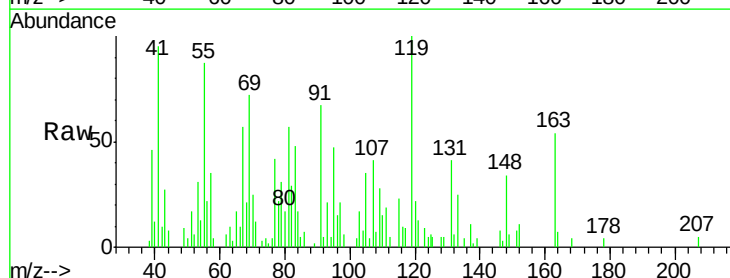
Tgt Ion:107 Resp: 12740

Ion Ratio Lower Upper

107 100

121 32.3 30.0 45.0

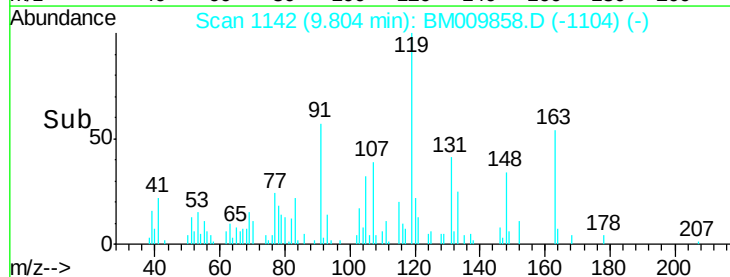
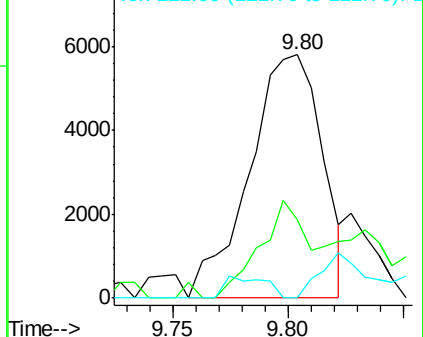
122 0.0 50.2 75.4#

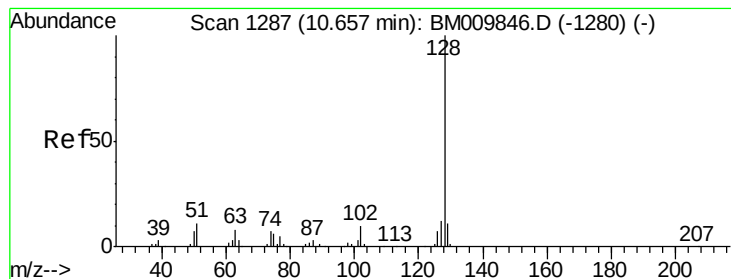


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 1.24 ng/ul

RT: 10.67 min Scan# 1290

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleID :

JHSW5DL

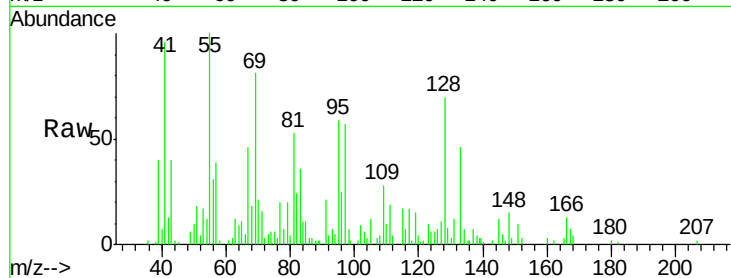
Tgt Ion:128 Resp: 31836

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

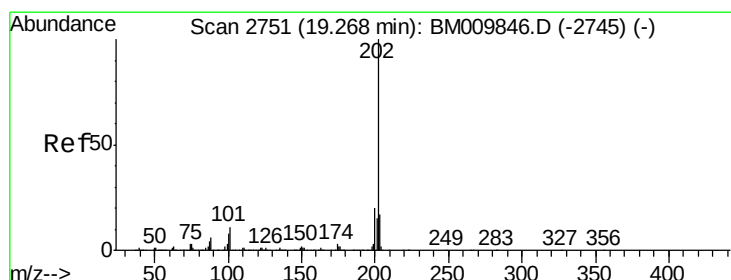
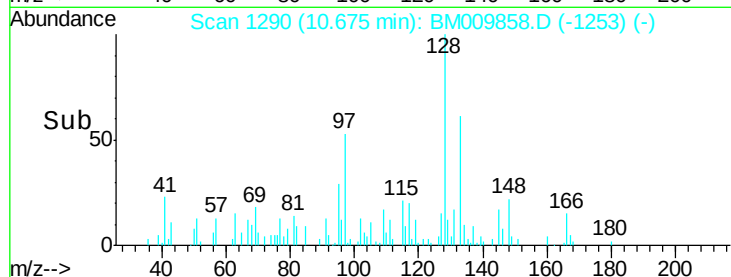
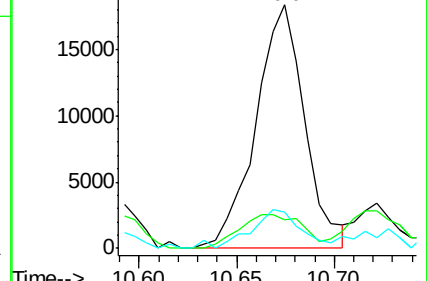
127 15.0 10.2 15.4



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



#74

Fluoranthene

Concen: 2.65 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

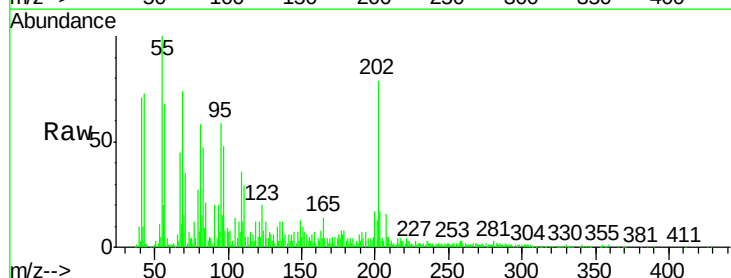
Tgt Ion:202 Resp: 158216

Ion Ratio Lower Upper

202 100

101 9.9 5.7 8.5#

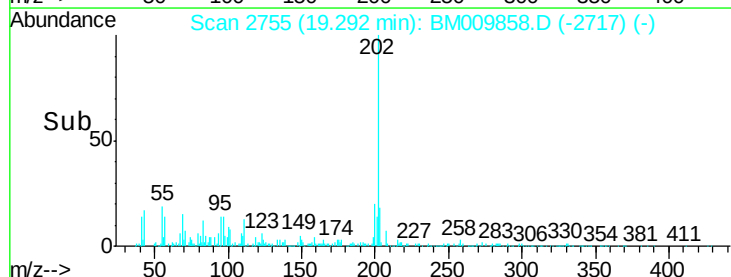
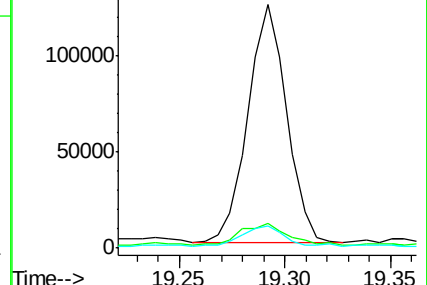
100 9.1 4.6 7.0#

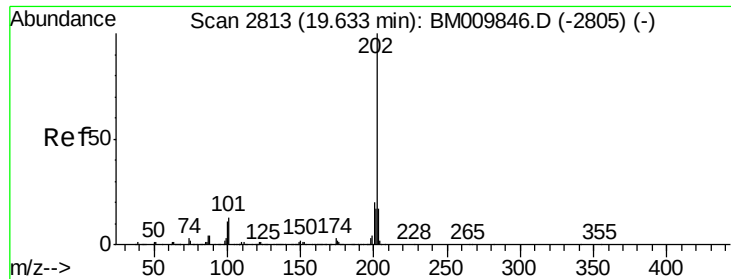


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 4.38 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleId :

JHSW5DL

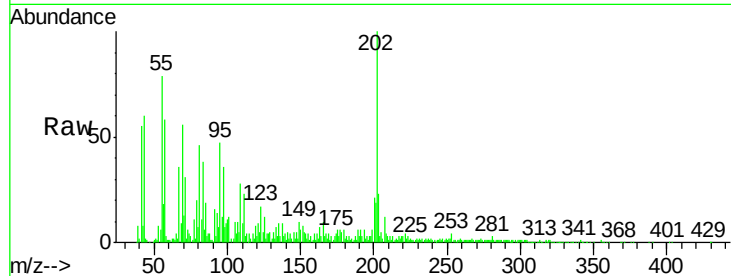
Tgt Ion:202 Resp: 342321

Ion Ratio Lower Upper

202 100

101 12.3 6.2 9.4#

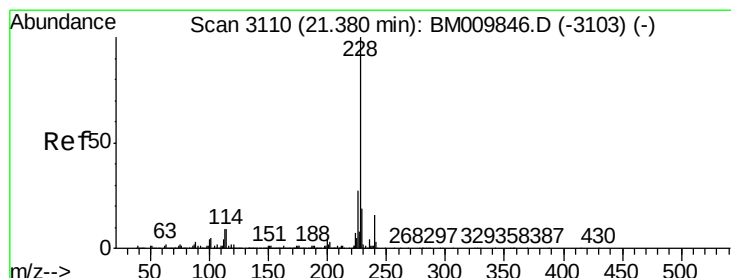
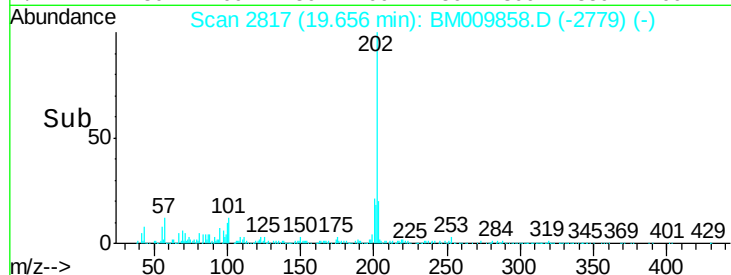
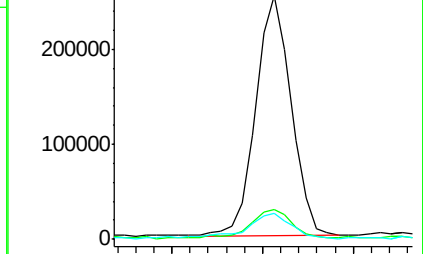
100 10.8 6.4 9.6#



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



#80

Benzo(a)anthracene

Concen: 1.35 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

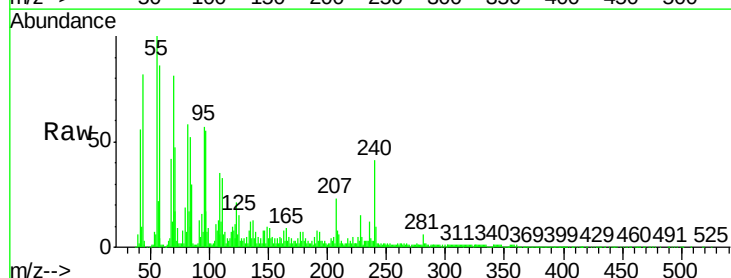
Tgt Ion:228 Resp: 111035

Ion Ratio Lower Upper

228 100

229 33.1 15.4 23.2#

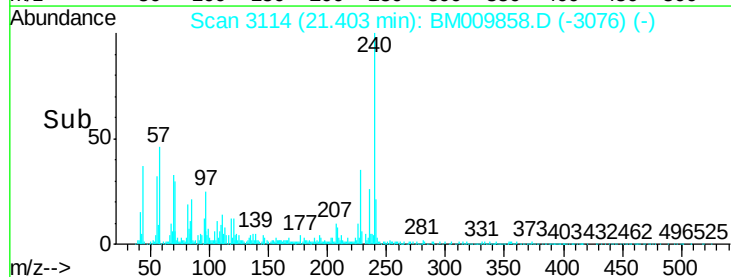
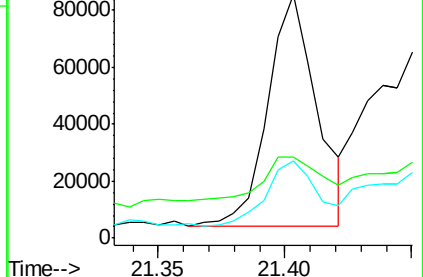
226 31.9 21.2 31.8#

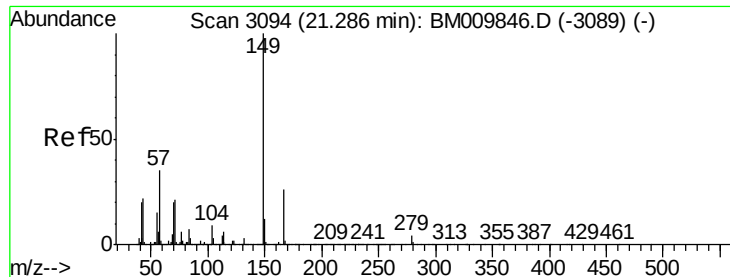


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

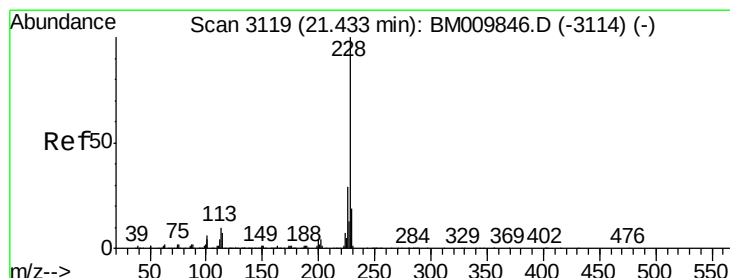
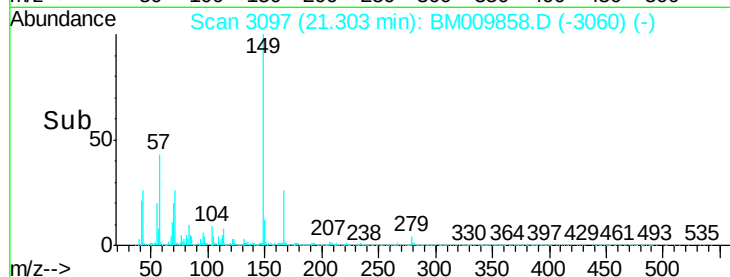
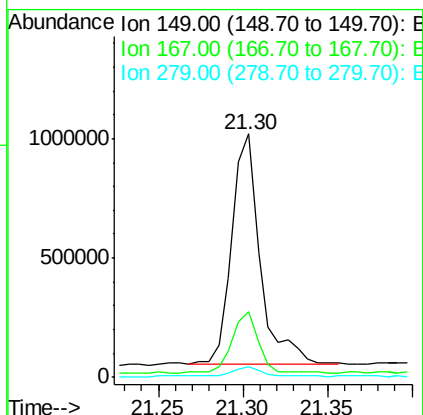
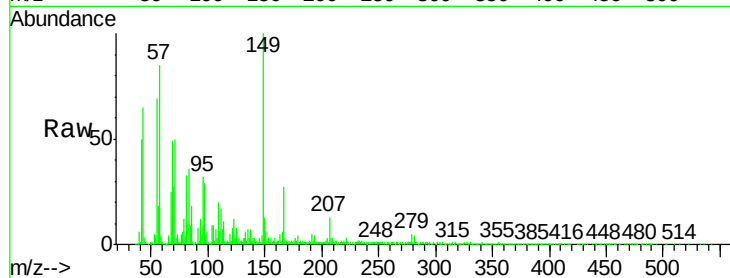




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 22.97 ng/ul
 RT: 21.30 min Scan# 3097
 Delta R.T. 0.02 min
 Lab File: BM009858.D
 Acq: 02 May 2017 07:52

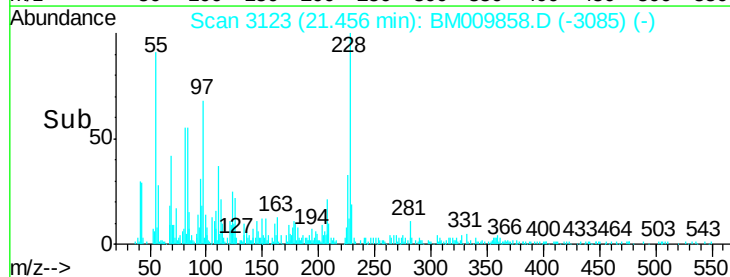
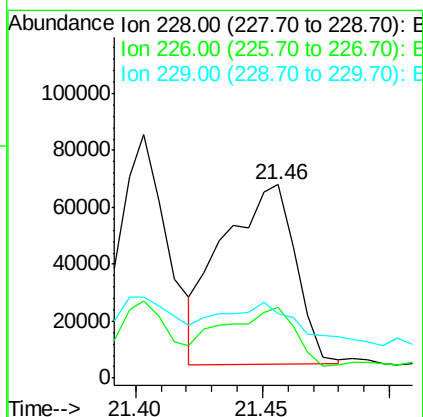
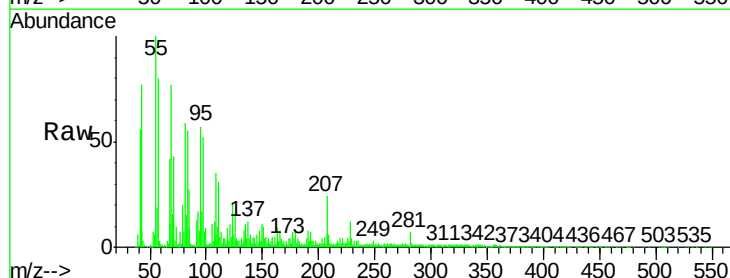
Instrument :
 BNA_M
 ClientSampleId :
 JHSW5DL

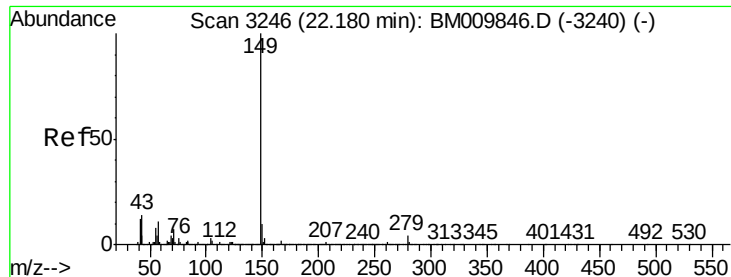
Tgt Ion:149 Resp: 1127016
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.2
 279 4.6 4.0 6.0



#82
 Chrysene
 Concen: 1.73 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.02 min
 Lab File: BM009858.D
 Acq: 02 May 2017 07:52

Tgt Ion:228 Resp: 127460
 Ion Ratio Lower Upper
 228 100
 226 36.9 23.9 35.9#
 229 33.0 15.4 23.2#





#84

Di-n-octyl phthalate

Concen: 9.18 ng/ul

RT: 22.20 min Scan# 3250

Delta R.T. 0.02 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleId :

JHSW5DL

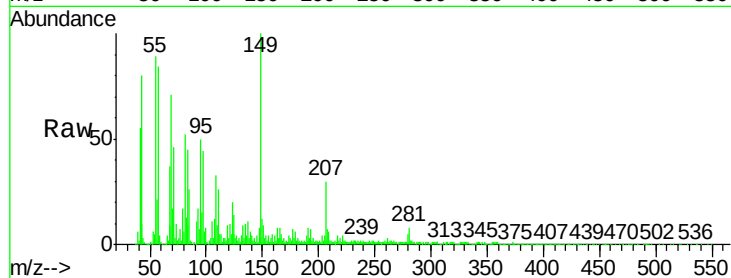
Tgt Ion:149 Resp: 841598

Ion Ratio Lower Upper

149 100

167 4.6 1.4 2.0#

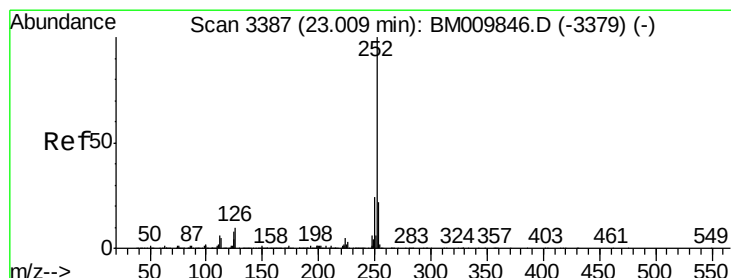
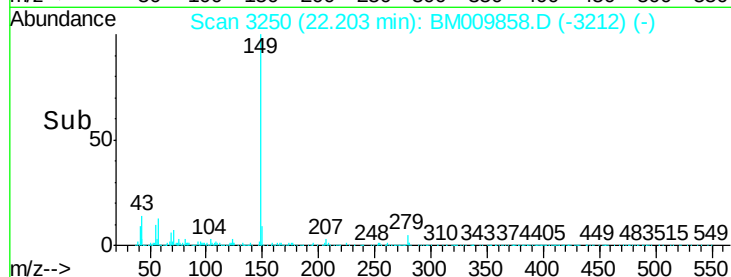
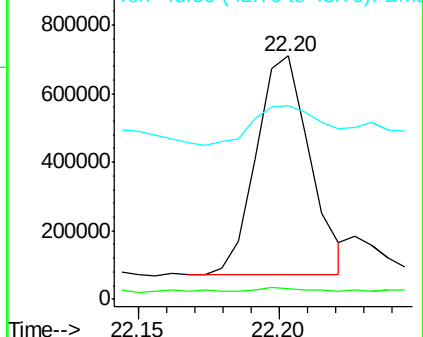
43 79.7 13.7 20.5#



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: 2.70 ng/ul

RT: 23.04 min Scan# 3393

Delta R.T. 0.03 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

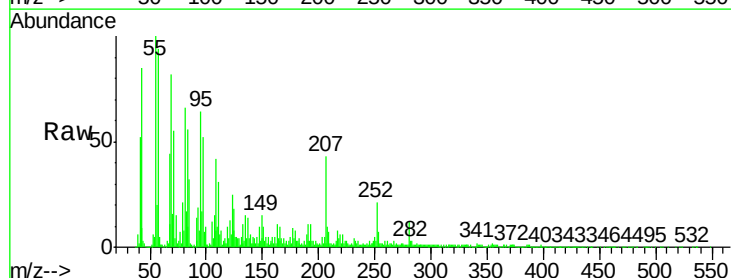
Tgt Ion:252 Resp: 220397

Ion Ratio Lower Upper

252 100

253 31.7 17.0 25.4#

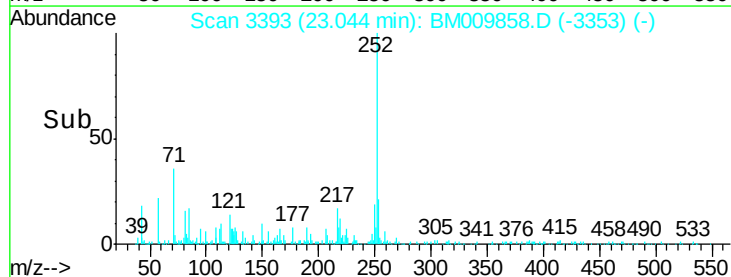
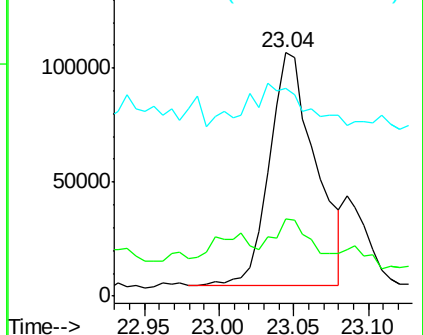
125 85.2 3.7 5.5#

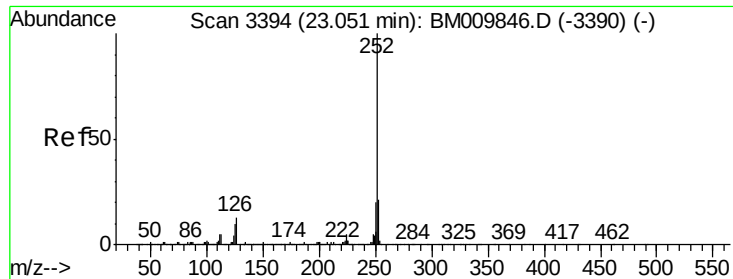


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.95 ng/ul

RT: 23.04 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleId :

JHSW5DL

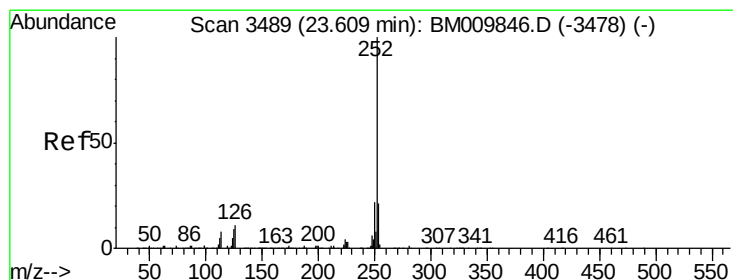
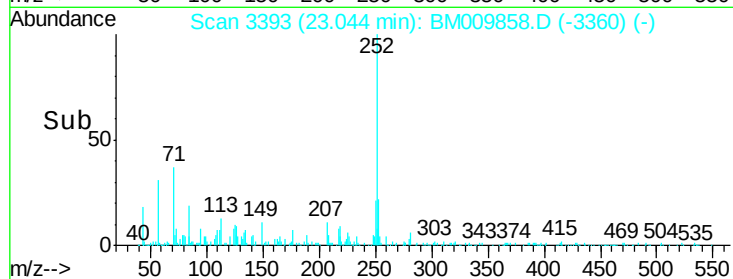
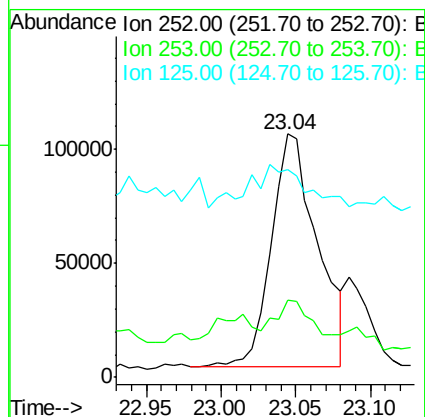
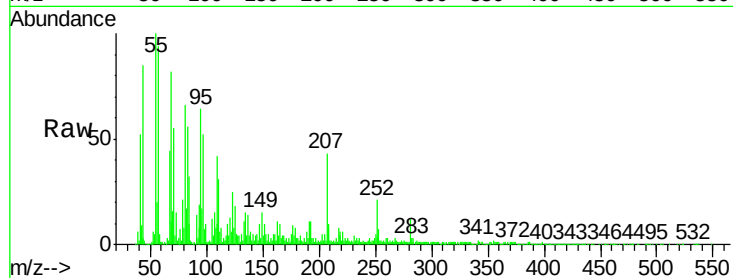
Tgt Ion:252 Resp: 220397

Ion Ratio Lower Upper

252 100

253 31.7 17.4 26.0#

125 85.2 3.8 5.8#



#88

Benzo(a)pyrene

Concen: 2.11 ng/ul

RT: 23.65 min Scan# 3496

Delta R.T. 0.04 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

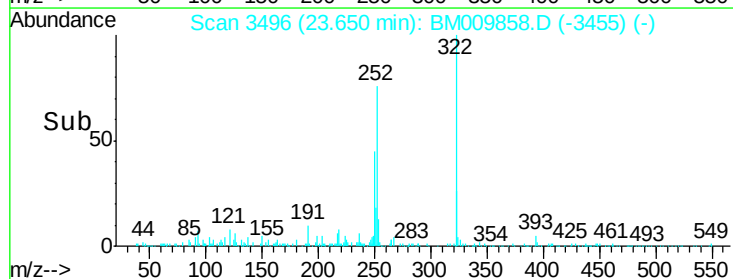
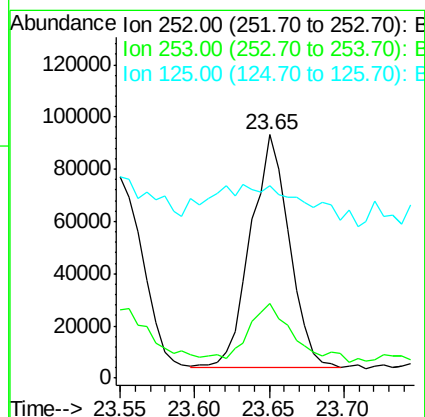
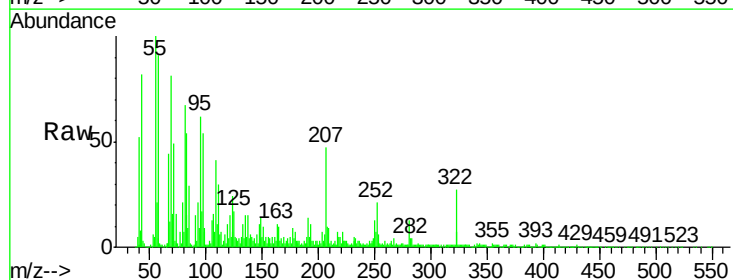
Tgt Ion:252 Resp: 160004

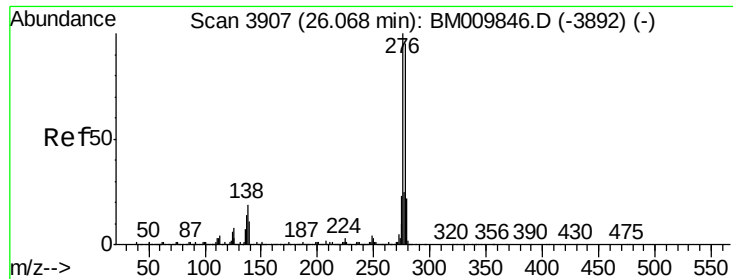
Ion Ratio Lower Upper

252 100

253 30.7 17.4 26.0#

125 79.2 3.7 5.5#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.12 ng/ul

RT: 26.13 min Scan# 3917

Delta R.T. 0.06 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Instrument :

BNA_M

ClientSampleId :

JHSW5DL

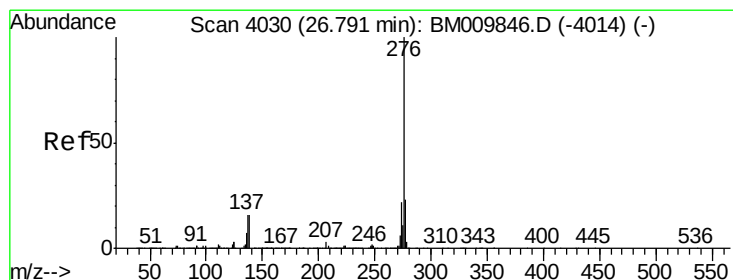
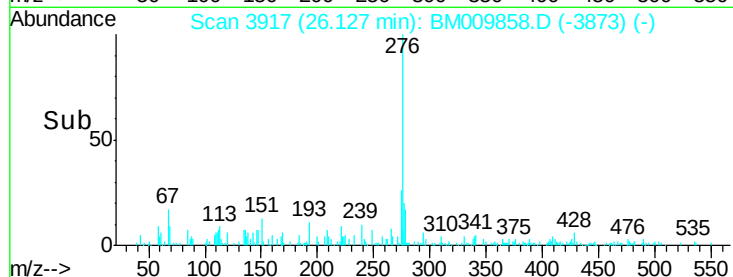
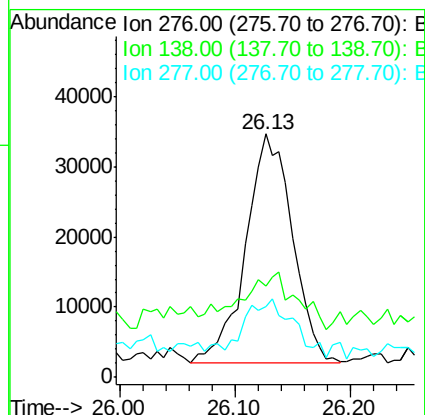
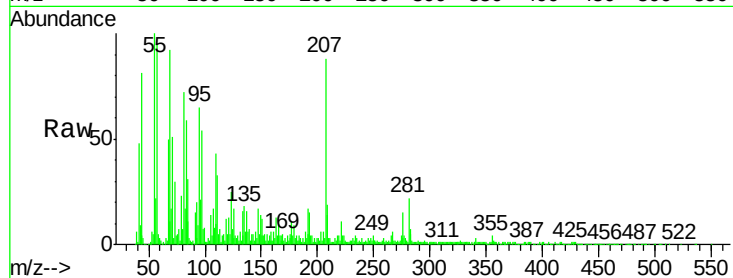
Tgt Ion:276 Resp: 92077

Ion Ratio Lower Upper

276 100

138 37.7 8.2 12.2#

277 29.2 21.5 32.3



#91

Benzo(g,h,i)perylene

Concen: 1.10 ng/ul

RT: 26.86 min Scan# 4042

Delta R.T. 0.07 min

Lab File: BM009858.D

Acq: 02 May 2017 07:52

Tgt Ion:276 Resp: 72896

Ion Ratio Lower Upper

276 100

138 46.8 7.0 10.4#

277 39.3 19.0 28.6#

