

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
 Data File : BM009261.D
 Acq On : 15 Mar 2017 12:08
 Operator : SJ/MA
 Sample : I2181-02DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 16 01:18:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 01:18:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	99658	20.00	ng/ul	0.01
18) Naphthalene-d8	10.67	136	425021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	294261	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	798178	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1213518	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1255014	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	1817	0.80	ng/uL	0.00
5) Phenol-d5	7.03	99	25255	2.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	96919	13.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	68780	10.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	49879	5.80	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	44755	14.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	47226	14.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	86984	12.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	8248	0.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	389698	17.44	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	443554	17.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	7566	1.71	ng/ul	0.00
57) Fluorene-d10	15.51	176	360322	18.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	45747	9.58	ng/ul	0.00
70) Anthracene-d10	17.26	188	798178	21.13	ng/ul	-0.10
78) Pyrene-d10	19.65	212	807764	16.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	935323	16.29	ng/ul	0.00

Target Compounds

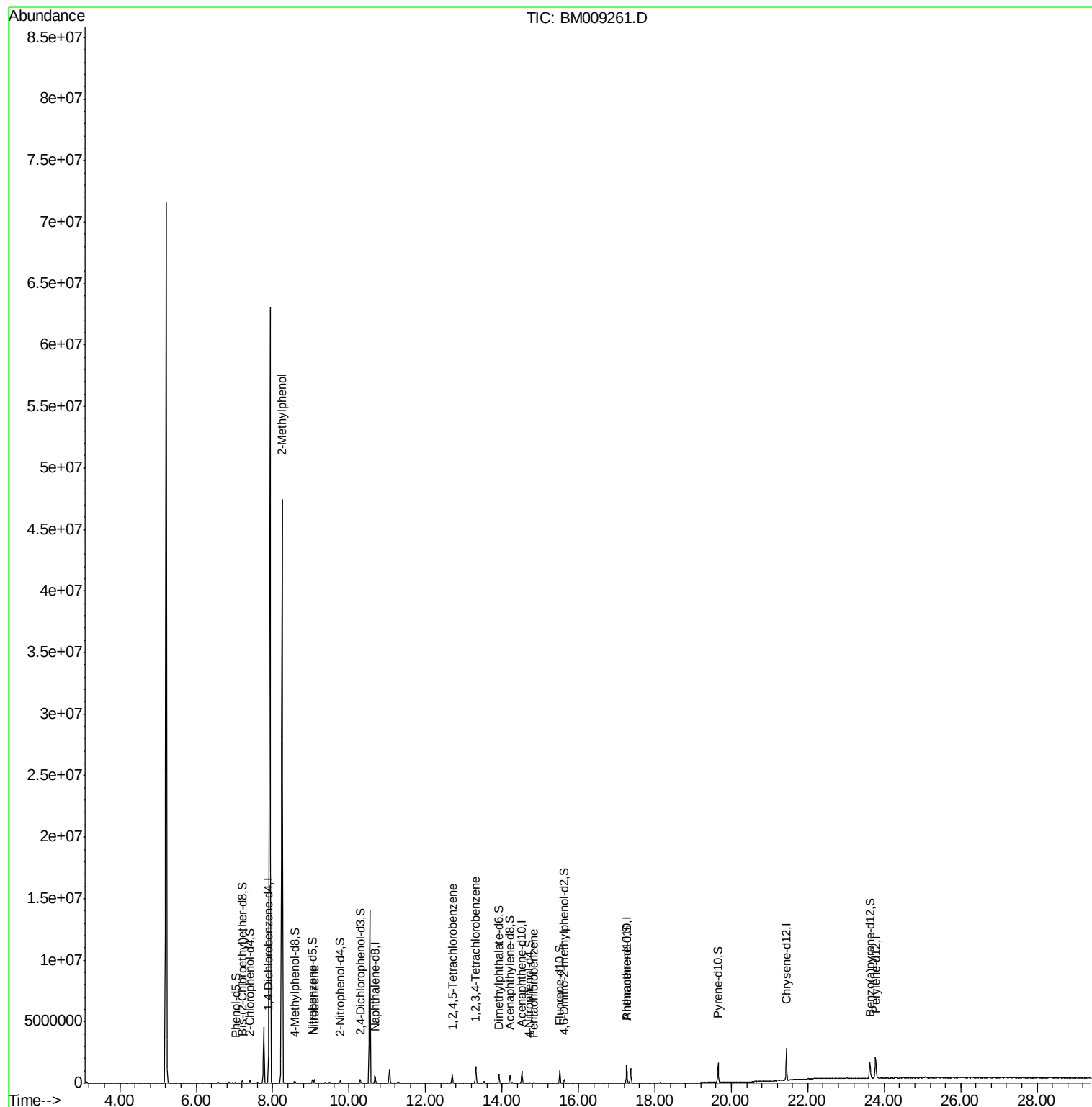
					Ovalue	
11) 2-Methylphenol	8.25	108	177208	21.25	ng/ul	95
20) Nitrobenzene	9.08	77	159432	15.75	ng/ul#	81
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	221434	25.02	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	362504	38.66	ng/uL	99
73) Pentachlorobenzene	14.83	250	15091	1.50	ng/uL	97

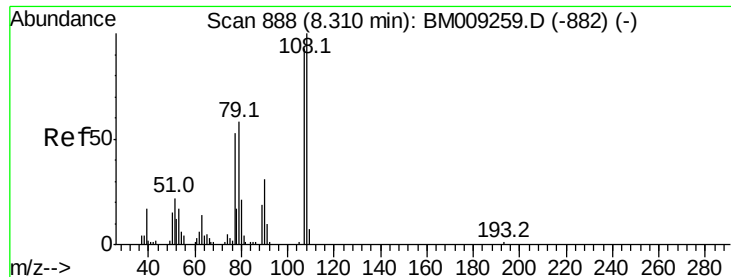
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 21.25 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. -0.06 min

Lab File: BM009261.D

Acq: 15 Mar 2017 12:08

Instrument :

BNA_M

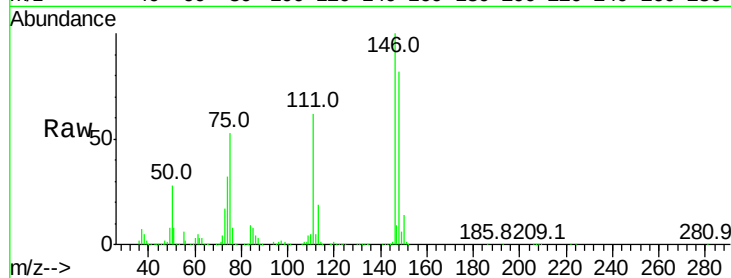
ClientSampleId :

Tot Ion:108 Resp: 177208

Ion Ratio Lower Upper

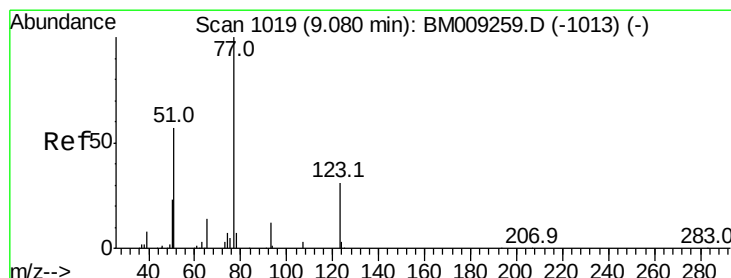
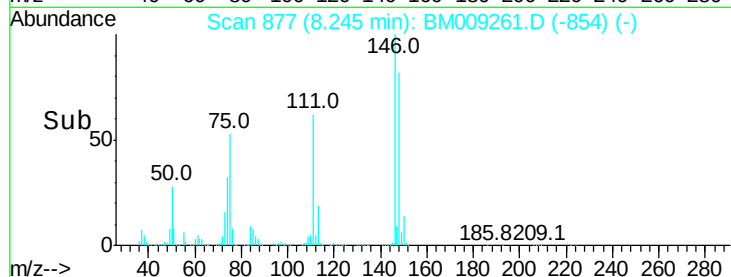
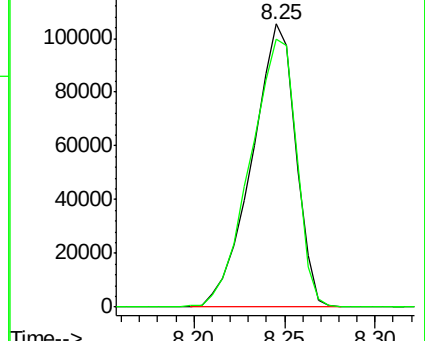
108 100

107 94.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 15.75 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BM009261.D

Acq: 15 Mar 2017 12:08

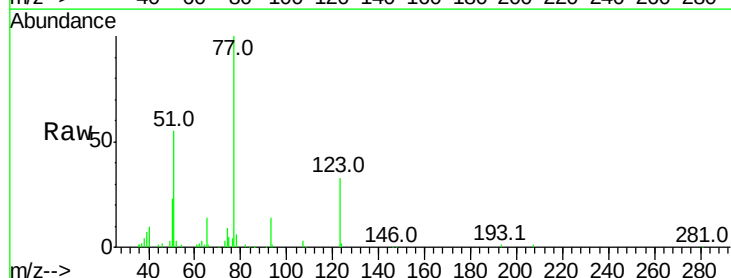
Tgt Ion: 77 Resp: 159432

Ion Ratio Lower Upper

77 100

123 33.2 39.0 58.4#

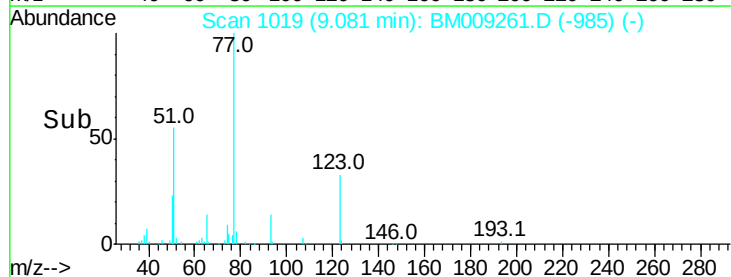
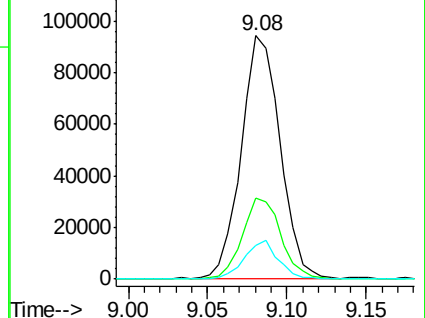
65 14.0 10.4 15.6

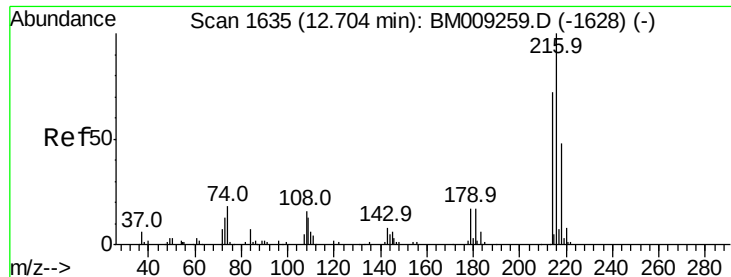


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#36

1,2,4,5-Tetrachlorobenzene

Concen: 25.02 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BM009261.D

Acq: 15 Mar 2017 12:08

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 221434

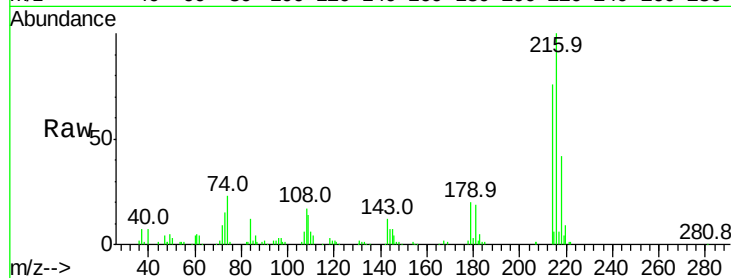
Ion Ratio Lower Upper

216 100

214 75.9 62.5 93.7

179 20.0 18.2 27.2

108 17.4 14.2 21.2

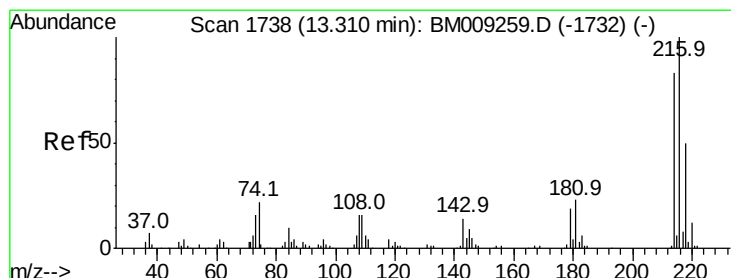
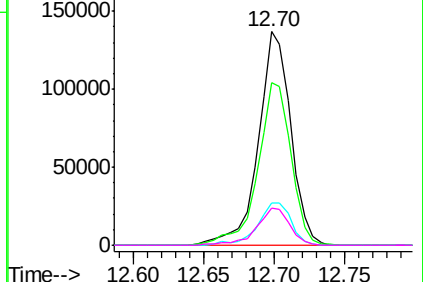
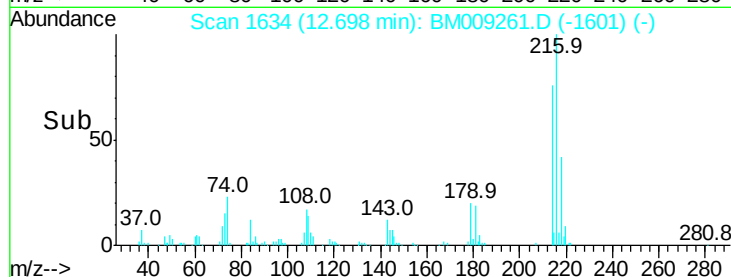


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 38.66 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM009261.D

Acq: 15 Mar 2017 12:08

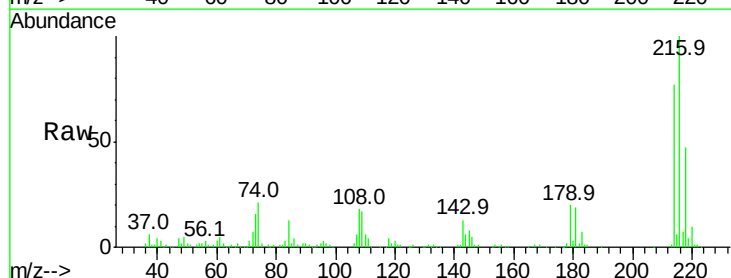
Tgt Ion:216 Resp: 362504

Ion Ratio Lower Upper

216 100

214 77.4 62.5 93.7

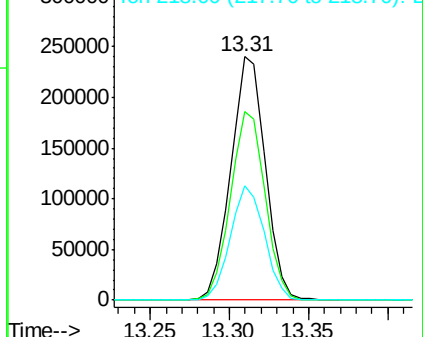
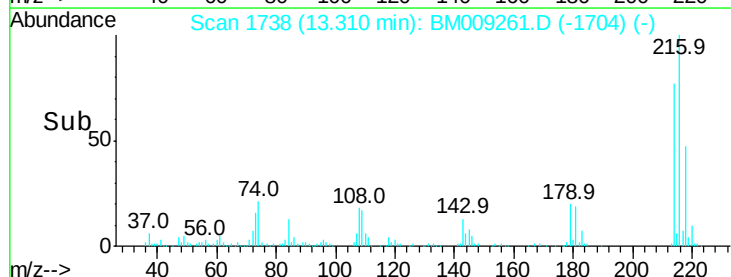
218 47.0 38.4 57.6

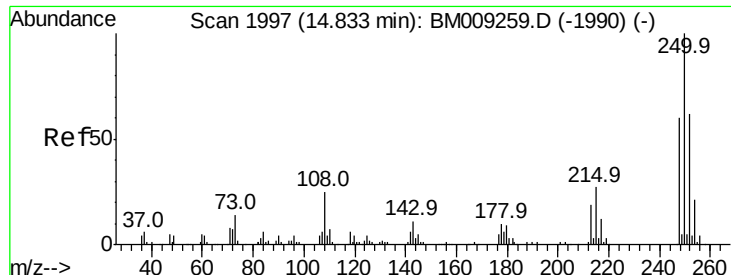


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 1.50 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. 0.00 min

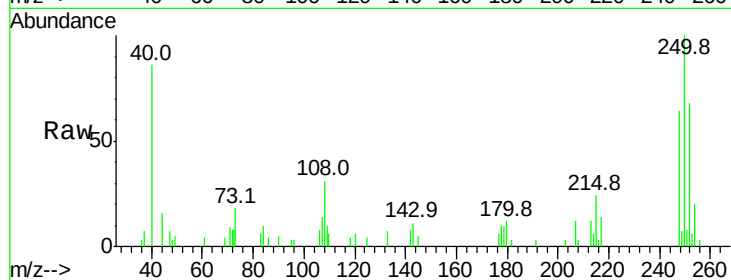
Lab File: BM009261.D

Acq: 15 Mar 2017 12:08

Instrument :

BNA_M

ClientSampleId :



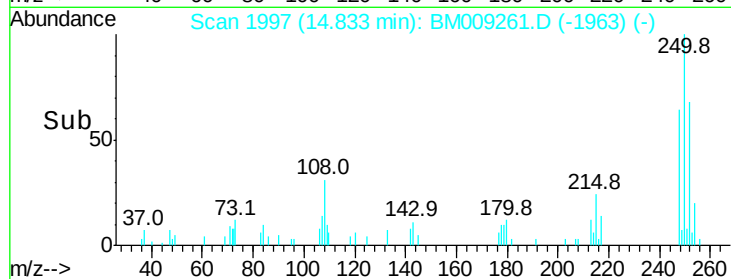
Tot Ion:250 Resp: 15091

Ion Ratio Lower Upper

250 100

248 64.0 50.6 75.8

252 67.8 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

