

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011711.D
 Acq On : 23 Sep 2017 18:34
 Operator : SJ/JU
 Sample : I5273-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 02:03:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 01:59:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	185958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	696011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	368386	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	806441	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	922557	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	969764	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	5255	1.27	ng/uL	0.00
5) Phenol-d5	7.10	99	94524	5.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	323906	26.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	298963	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	173663	12.46	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	174143	32.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	183206	33.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	306286	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	23912	1.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	973128	31.25	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	1184478	31.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	22982	3.93	ng/ul	0.00
58) Fluorene-d10	15.57	176	840779	31.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	127467	27.16	ng/ul	0.00
71) Anthracene-d10	17.42	188	1314707	33.11	ng/ul	0.00
79) Pyrene-d10	19.70	212	1501941	34.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	1520425	32.90	ng/ul	0.00

Target Compounds

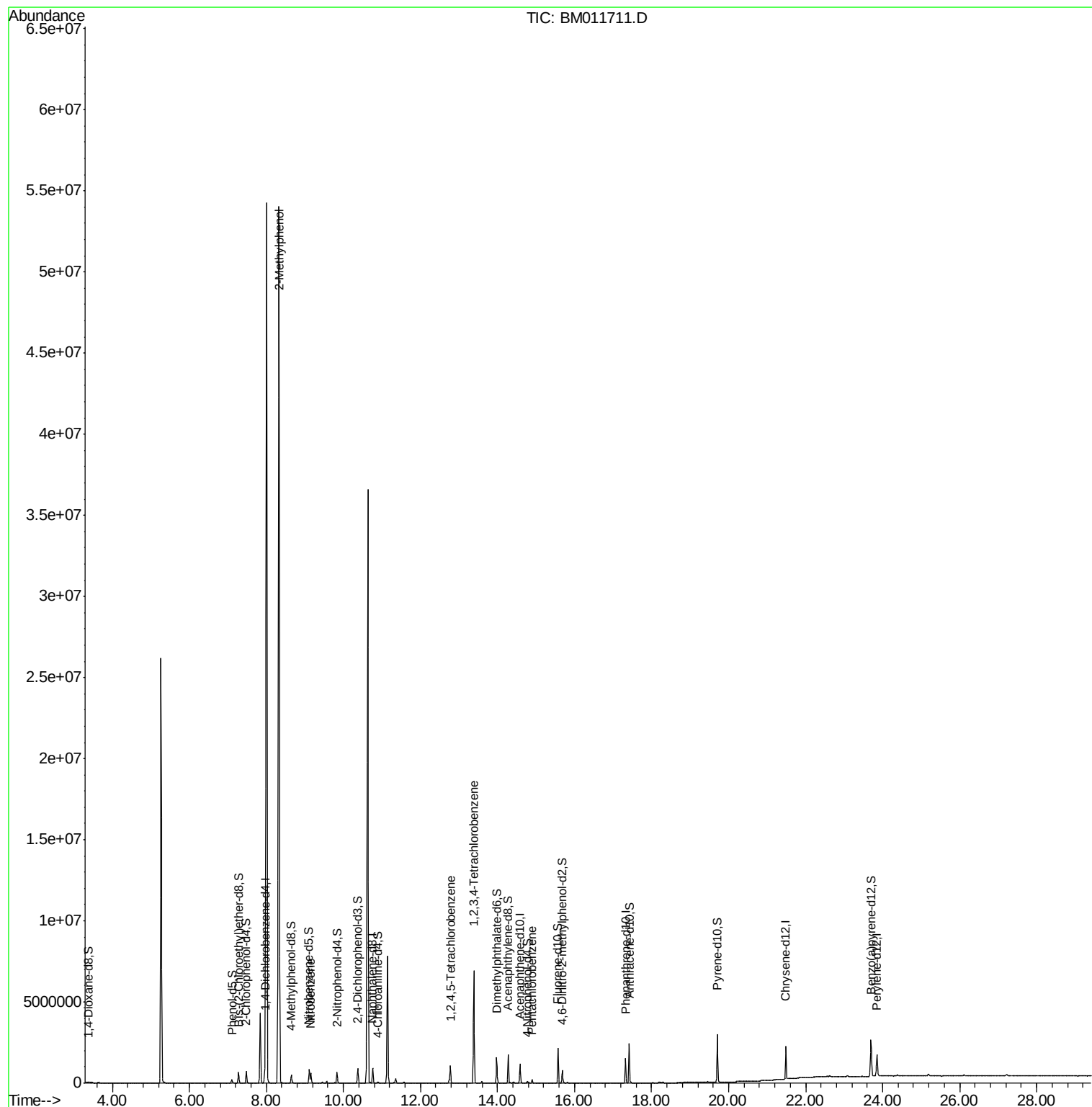
					Ovalue
11) 2-Methylphenol	8.33	108	208765	15.534	ng/ul 98
20) Nitrobenzene	9.16	77	304245	24.489	ng/ul 99
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	374335	34.256	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	1879799	174.927	ng/uL 99
74) Pentachlorobenzene	14.90	250	46194	4.238	ng/uL 98

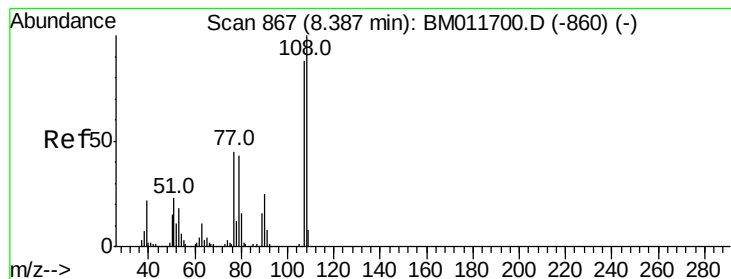
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 15.534 ng/ul

RT: 8.33 min Scan# 857

Delta R.T. -0.06 min

Lab File: BM011711.D

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Instrument :

BNA_M

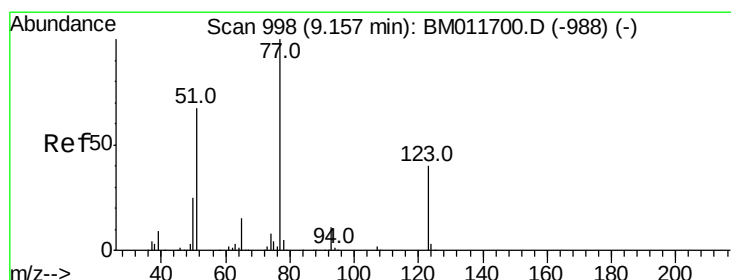
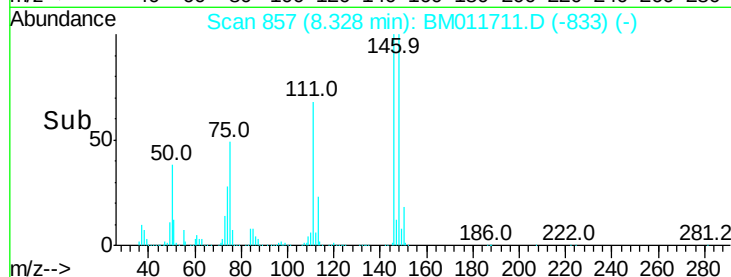
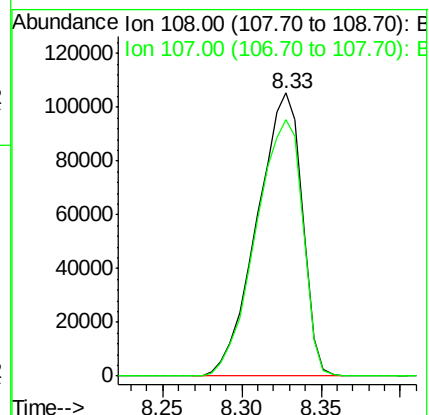
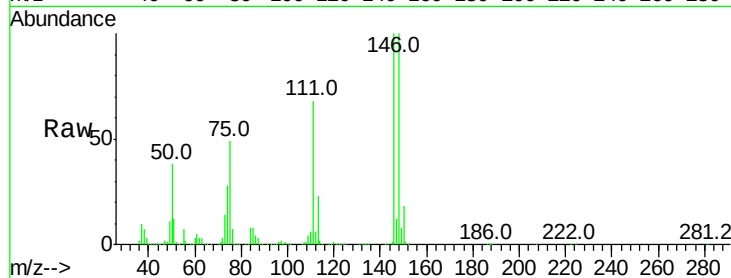
ClientSampleId :

Tot Ion:108 Resp: 208765

Ion Ratio Lower Upper

108 100

107 90.7 74.1 111.1



#20

Nitrobenzene

Concen: 24.489 ng/ul

RT: 9.16 min Scan# 998

Delta R.T. -0.00 min

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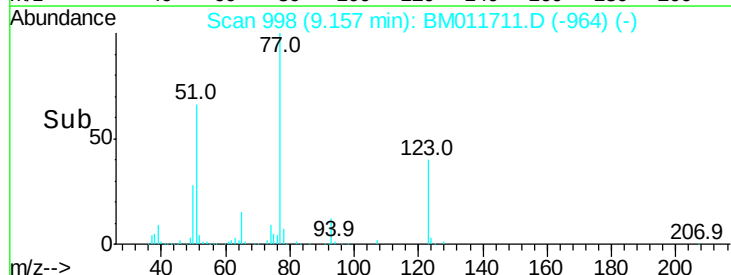
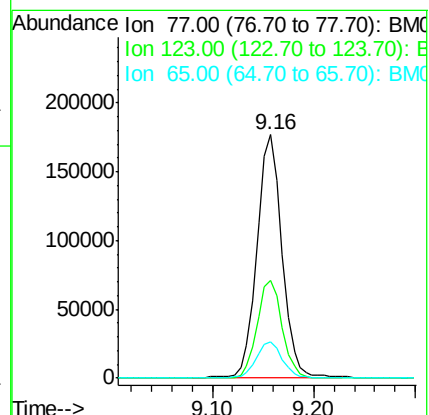
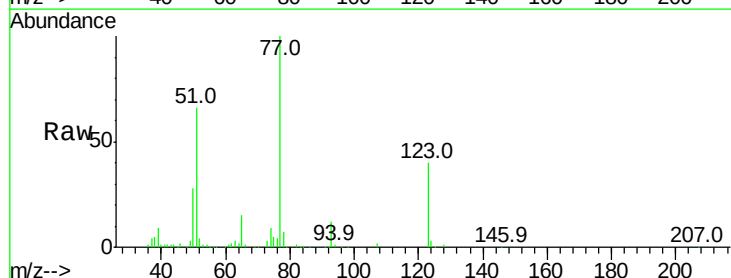
Tgt Ion: 77 Resp: 304245

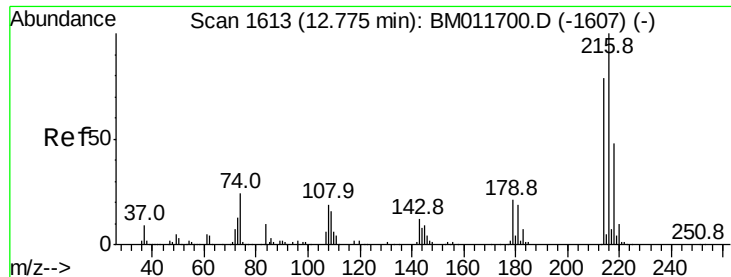
Ion Ratio Lower Upper

77 100

123 40.2 31.8 47.8

65 14.7 10.6 16.0

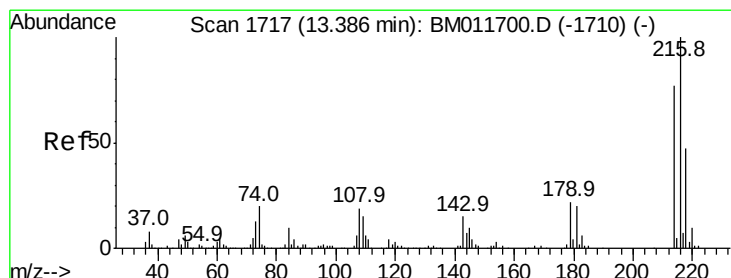
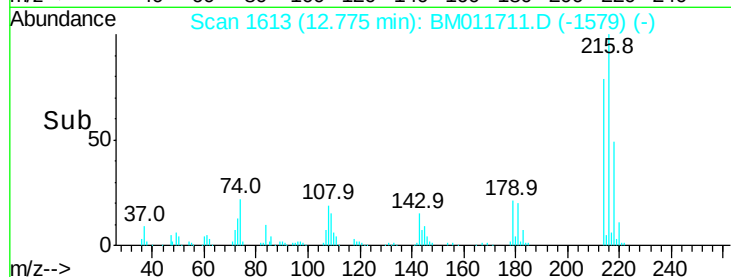
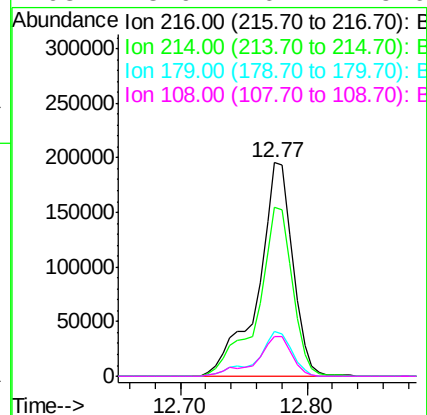
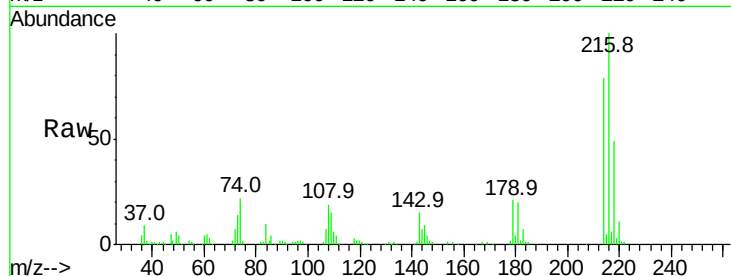




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.256 ng/uL
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BM011711.D
 Acq: 23 Sep 2017 18:34

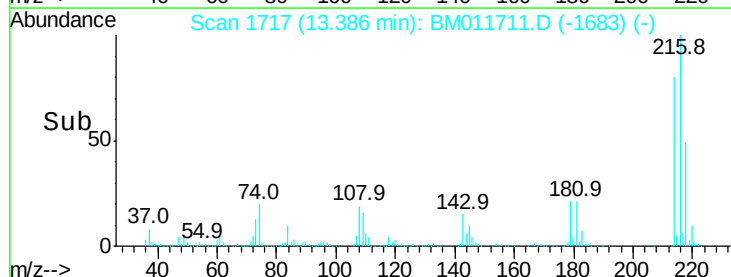
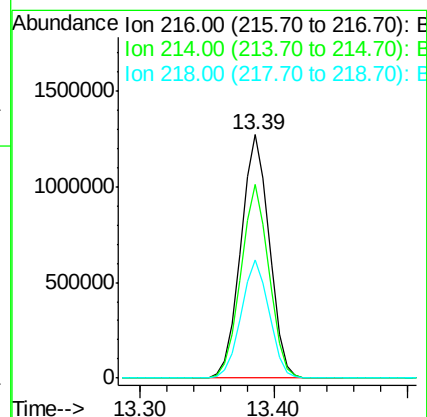
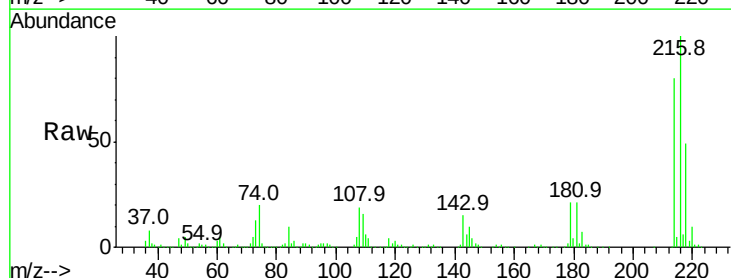
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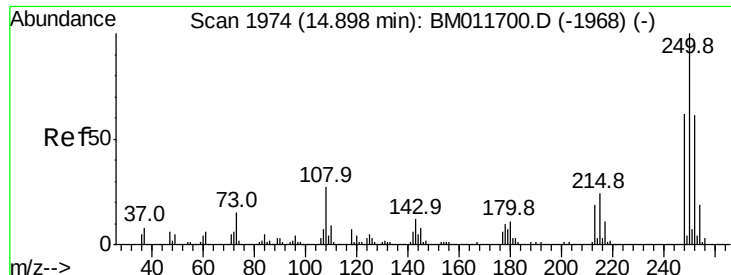
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.1	96.1
179	21.2	14.5	21.7
108	18.9	10.4	15.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 174.927 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM011711.D
 Acq: 23 Sep 2017 18:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.1	96.1
218	48.6	39.4	59.0





#74

Pentachlorobenzene

Concen: 4.238 ng/uL

RT: 14.90 min Scan# 1974

Delta R.T. -0.00 min

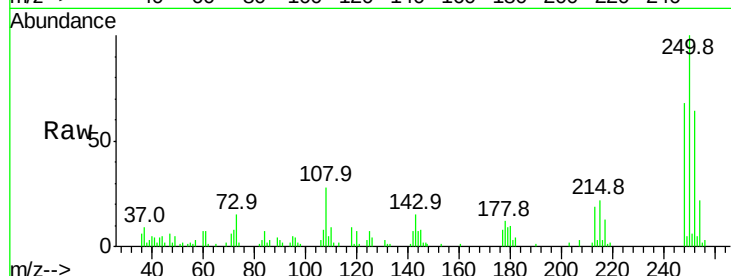
Lab File: BM011711.D

Acq: 23 Sep 2017 18:34

Instrument :

BNA_M

ClientSampleId :



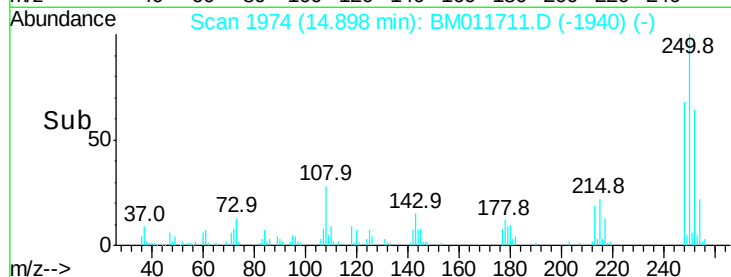
Tot Ion:250 Resp: 46194

Ion Ratio Lower Upper

250 100

248 63.5 51.4 77.2

252 59.9 49.8 74.6



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

