

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092317\
 Data File : BM011712.D
 Acq On : 23 Sep 2017 19:11
 Operator : SJ/JU
 Sample : I5273-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 02:03:34 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	7.95	152	169438	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	656454	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	342582	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	755497	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	858069	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	897693	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	1651	0.44	ng/uL	0.00
5) Phenol-d5	7.10	99	21855	1.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	78550	7.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	68985	5.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	38214	3.01	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	38531	7.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	39212	7.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	69287	6.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	5220	0.45	ng/ul	0.02
44) Dimethylphthalate-d6	13.98	166	233230	8.05	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	260888	7.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	1519	0.28	ng/ul	0.02
58) Fluorene-d10	15.57	176	194585	7.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	21688	4.93	ng/ul	0.00
71) Anthracene-d10	17.42	188	304354	8.18	ng/ul	0.00
79) Pyrene-d10	19.70	212	351860	8.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	349809	8.18	ng/ul	0.00

Target Compounds

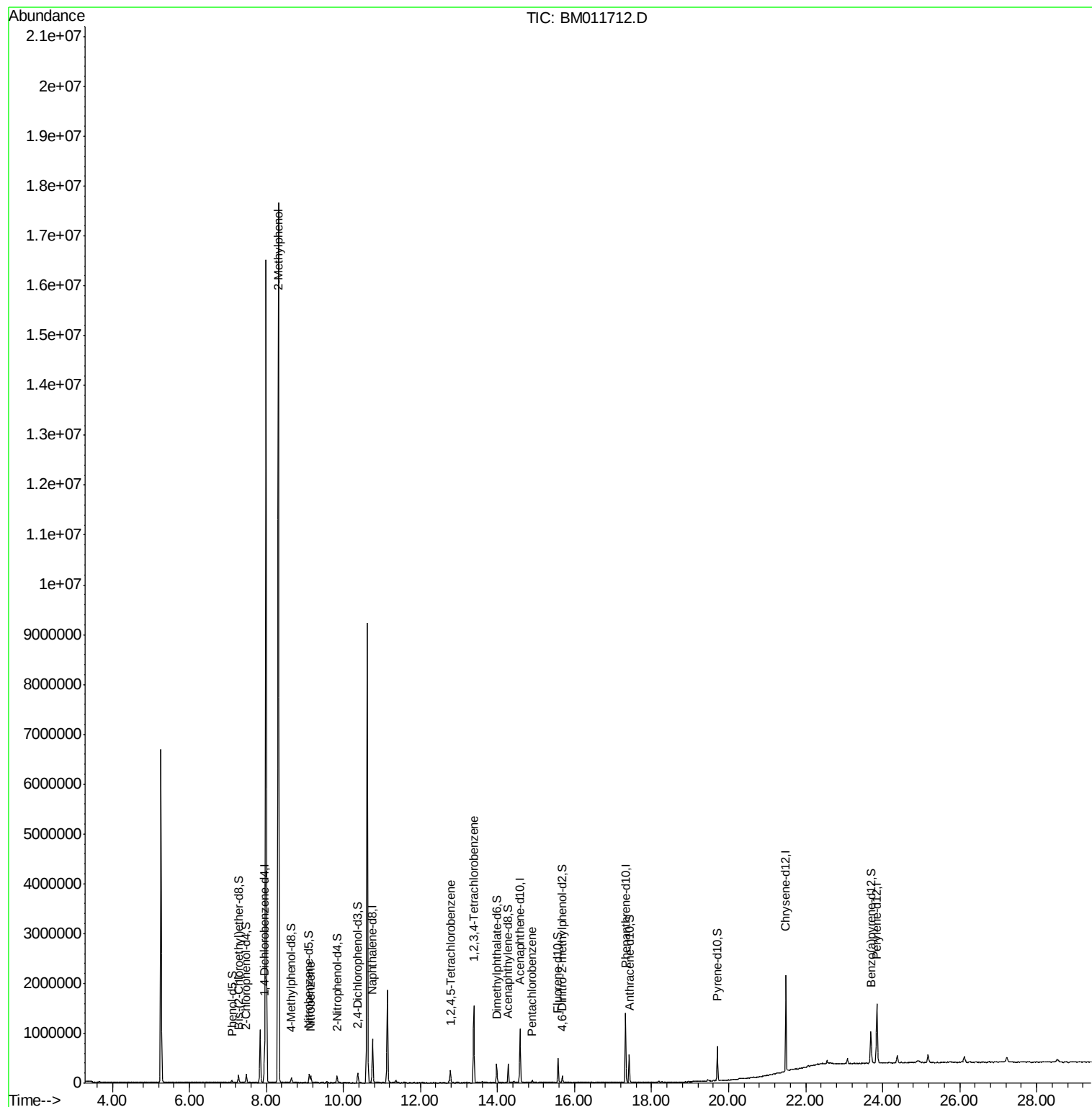
					Ovalue
11) 2-Methylphenol	8.31	108	54922	4.485	ng/ul 98
20) Nitrobenzene	9.16	77	69547	5.935	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	88729	8.731	ng/ul# 94
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	431412	42.853	ng/uL 98
74) Pentachlorobenzene	14.90	250	10862	1.064	ng/uL 94

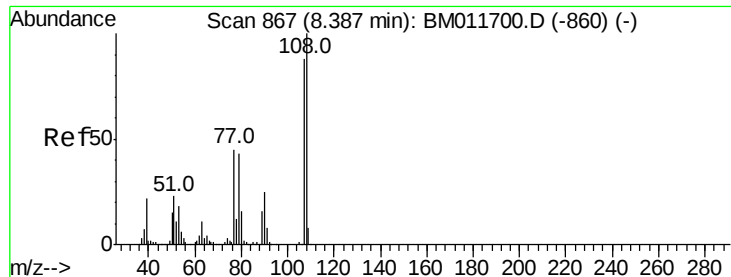
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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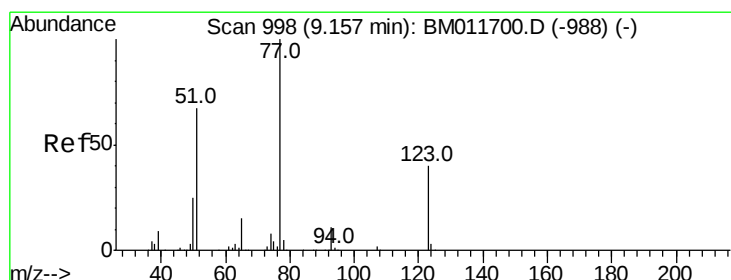
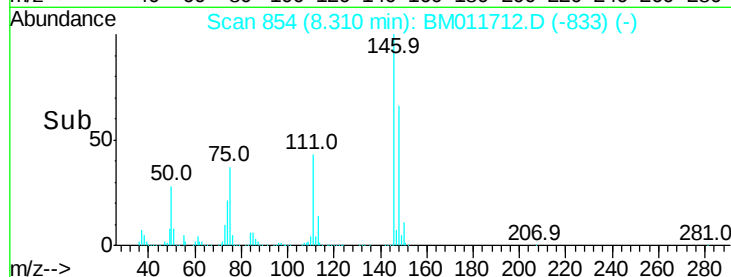
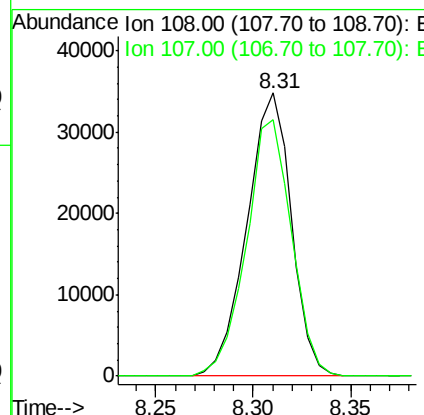
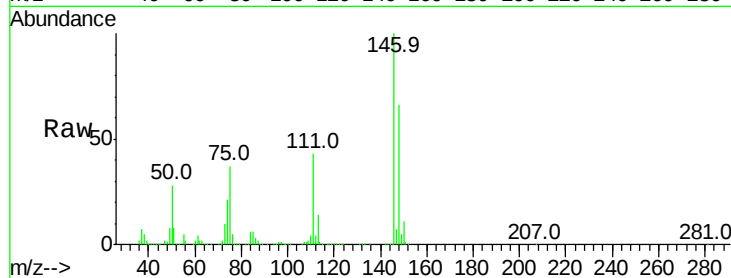




#11
2-Methylphenol
Concen: 4.485 ng/ul
RT: 8.31 min Scan# 854
Delta R.T. -0.08 min
Lab File: BM011712.D
Acq: 23 Sep 2017 19:11

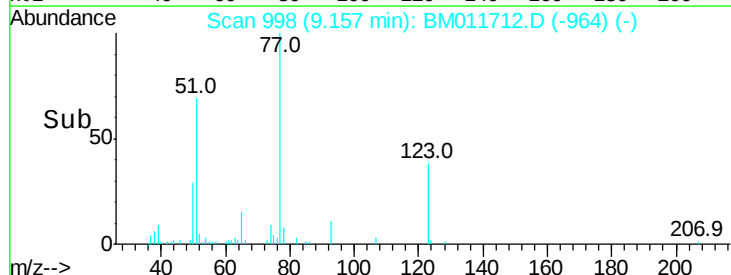
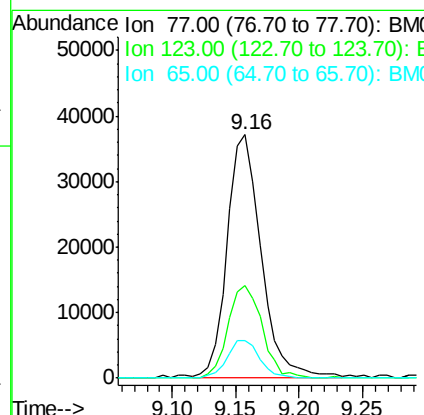
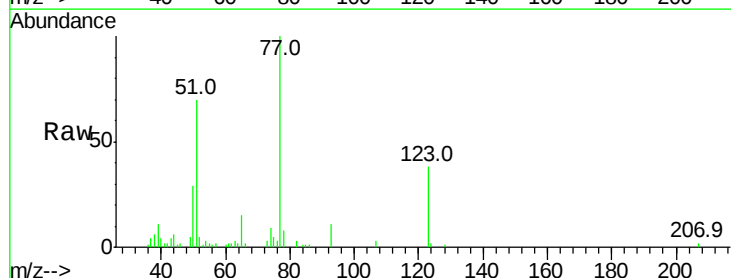
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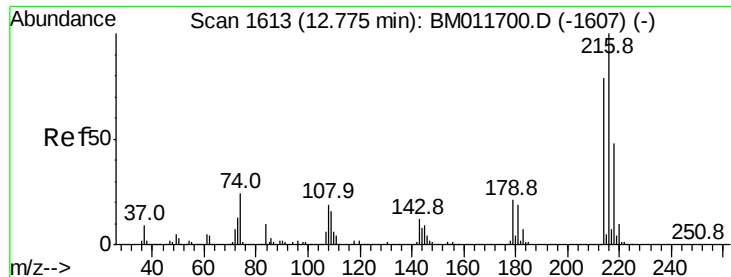
Tot Ion:108 Resp: 54922
Ion Ratio Lower Upper
108 100
107 90.6 74.1 111.1



#20
Nitrobenzene
Concen: 5.935 ng/ul
RT: 9.16 min Scan# 998
Delta R.T. 0.00 min
Lab File: BM011712.D
Acq: 23 Sep 2017 19:11

Tgt Ion: 77 Resp: 69547
Ion Ratio Lower Upper
77 100
123 38.2 31.8 47.8
65 15.3 10.6 16.0

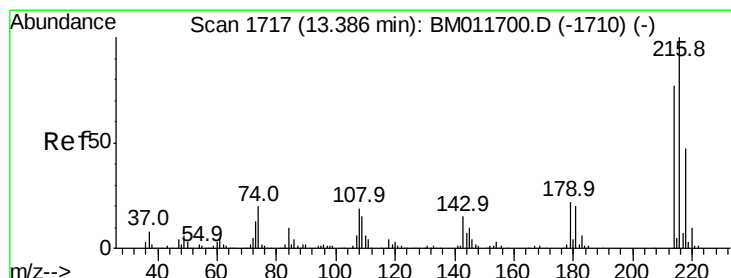
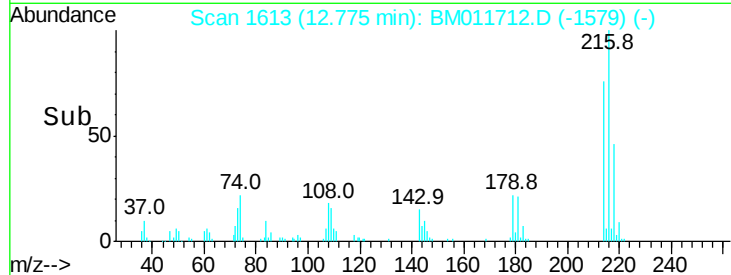
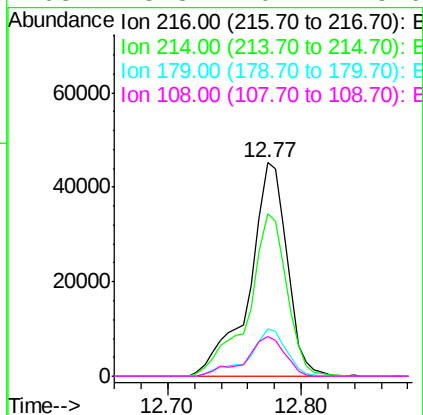
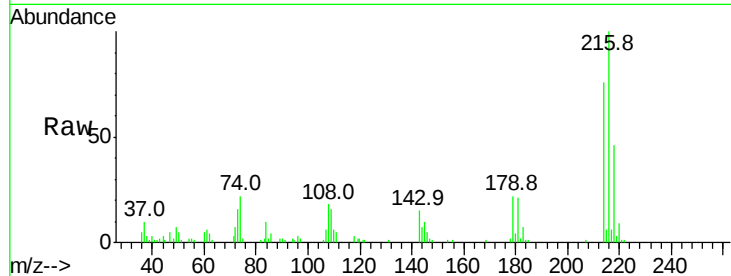




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.731 ng/ul
 RT: 12.77 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

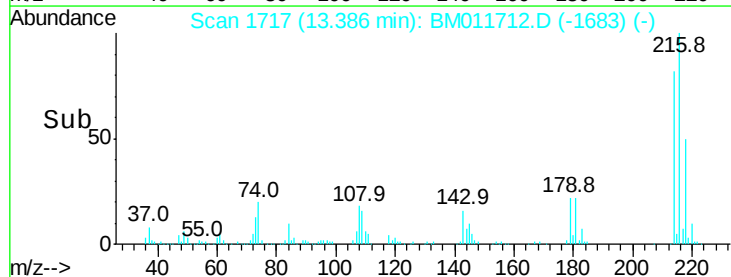
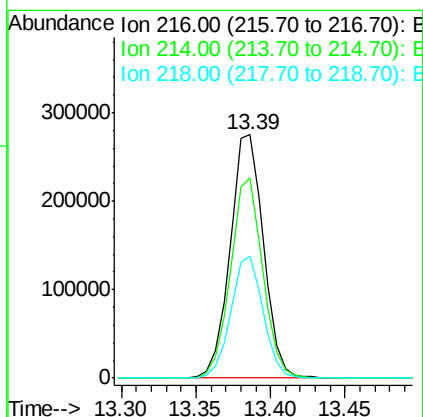
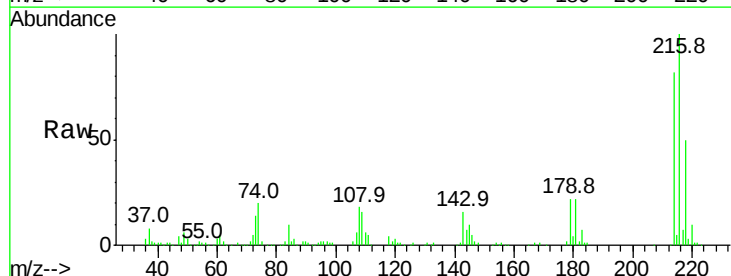
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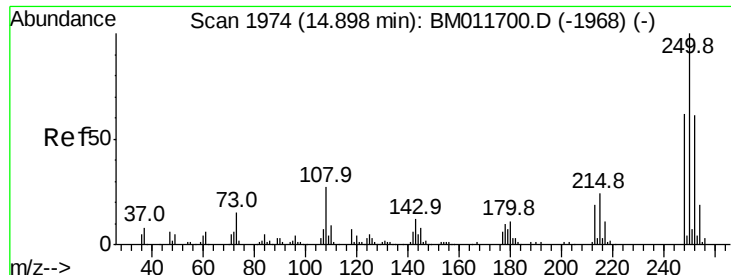
Tot Ion	Ratio	Lower	Upper
216	100		
214	76.2	64.1	96.1
179	22.3	14.5	21.7#
108	18.3	10.4	15.6#



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 42.853 ng/uL
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM011712.D
 Acq: 23 Sep 2017 19:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.1	64.1	96.1
218	50.3	39.4	59.0





#74

Pentachlorobenzene

Concen: 1.064 ng/uL

RT: 14.90 min Scan# 1974

Delta R.T. -0.00 min

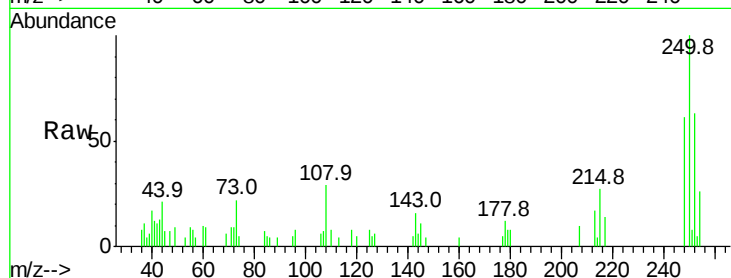
Lab File: BM011712.D

Acq: 23 Sep 2017 19:11

Instrument :

BNA_M

ClientSampleId :



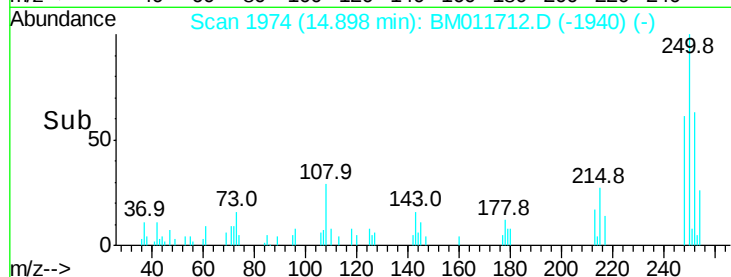
Tot Ion:250 Resp: 10862

Ion Ratio Lower Upper

250 100

248 56.7 51.4 77.2

252 63.3 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

