

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004644.D
 Acq On : 16 Mar 2016 20:31
 Operator : UM/SJ
 Sample : H1783-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Quant Time: Mar 17 02:07:28 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	44993	20.00	ng/ul	0.02
18) Naphthalene-d8	10.67	136	256701	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.47	164	133339	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	295870	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	341985	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	337447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	2243	1.72	ng/uL	0.00
5) Phenol-d5	7.00	99	39482	10.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	105572	50.38	ng/ul	0.02
9) 2-Chlorophenol-d4	7.39	132	116842	39.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	72737	24.41	ng/ul	0.01
19) Nitrobenzene-d5	9.01	128	64665	36.22	ng/ul	0.01
22) 2-Nitrophenol-d4	9.73	143	66411	34.44	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	119259	31.53	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.89	166	362069	34.74	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	469053	36.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	8038	3.99	ng/ul	0.00
58) Fluorene-d10	15.47	176	328907	36.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	35154	22.61	ng/ul	0.00
71) Anthracene-d10	17.32	188	501078	36.79	ng/ul	0.00
79) Pyrene-d10	19.61	212	573415	36.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	620638	41.18	ng/ul	0.00

Target Compounds

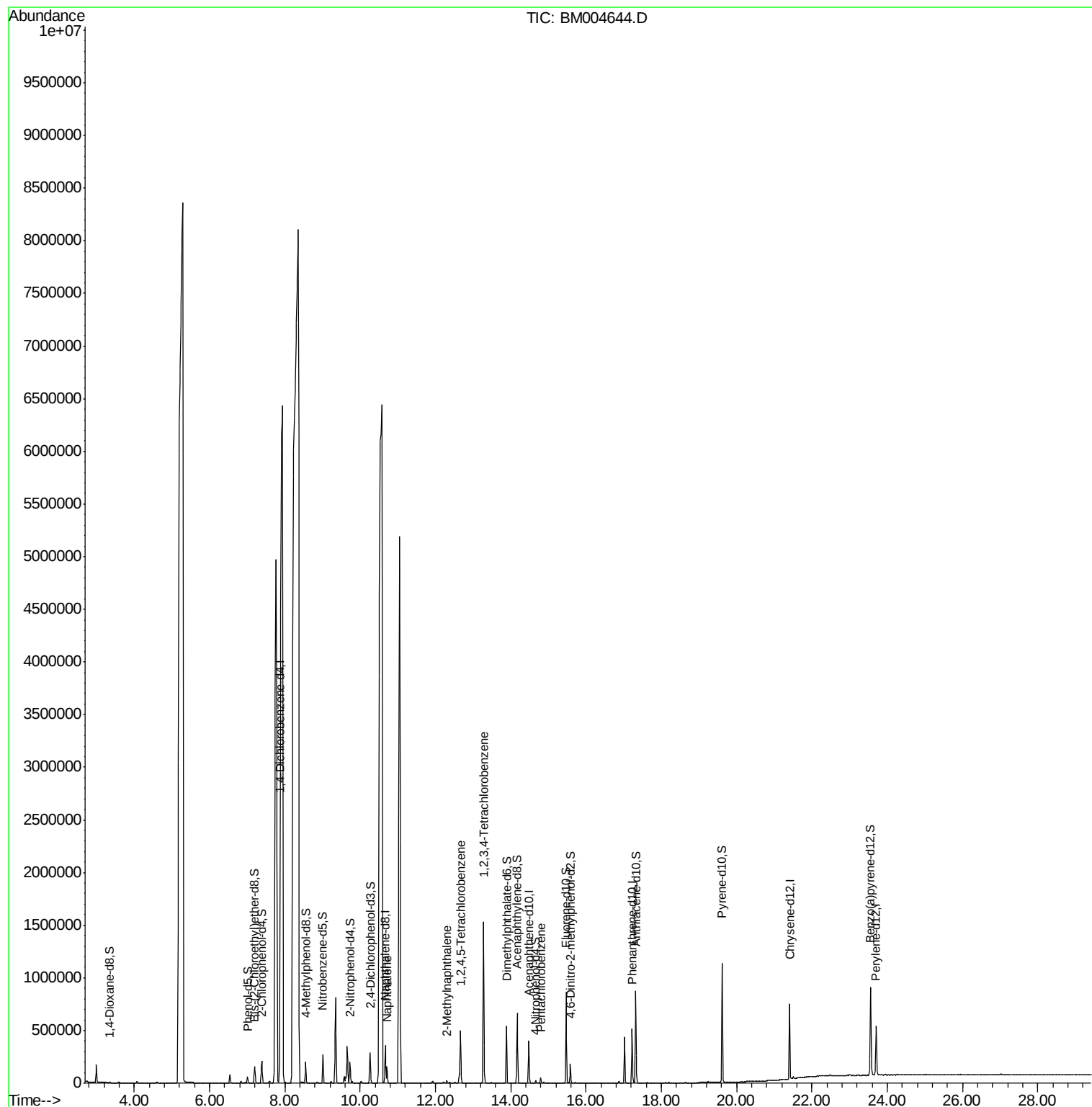
						Qvalue
28) Naphthalene	10.71	128	113869	8.51	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	12571	1.32	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	182959	42.95	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	461352	113.34	ng/uL	99
74) Pentachlorobenzene	14.79	250	14582	3.71	ng/uL	97

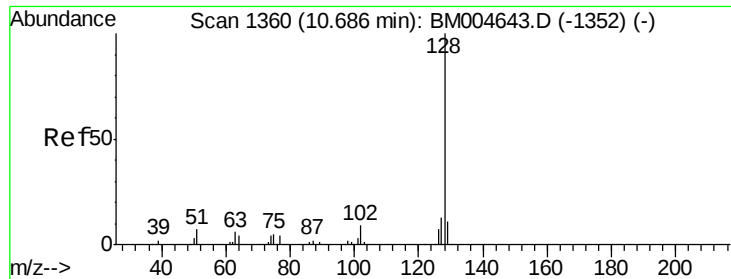
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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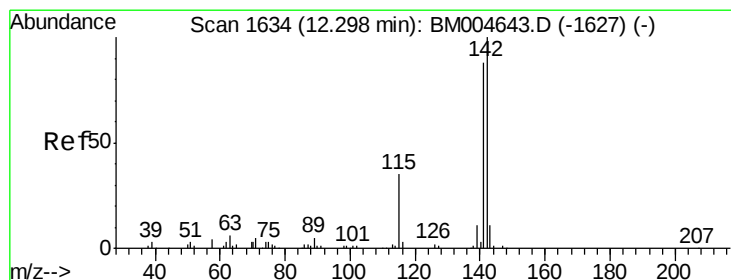
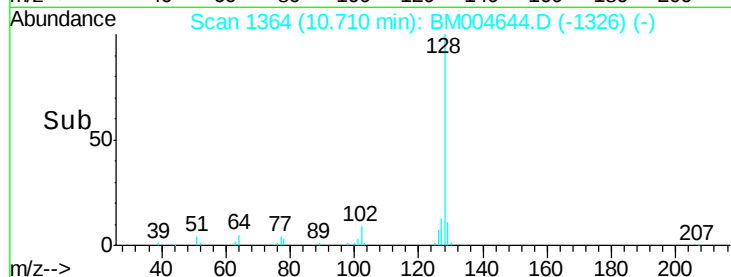
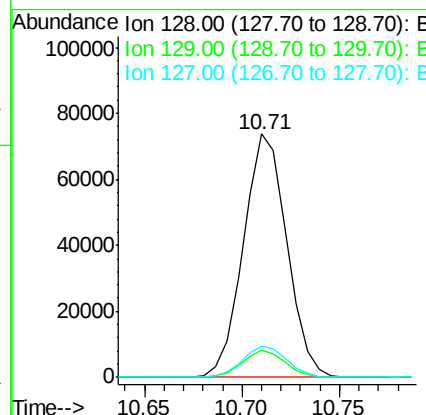
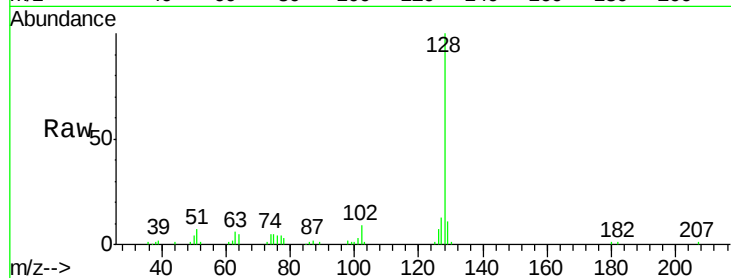




#28
Naphthalene
Concen: 8.51 ng/ul
RT: 10.71 min Scan# 1364
Delta R.T. 0.02 min
Lab File: BM004644.D
Acq: 16 Mar 2016 20:31

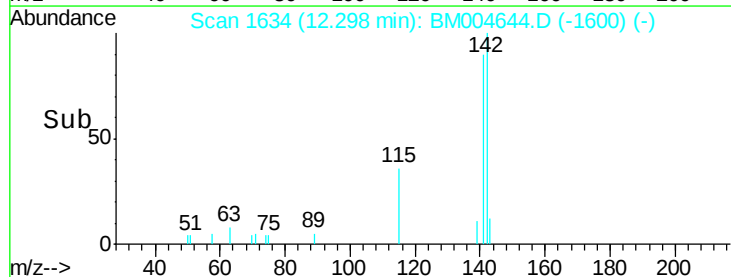
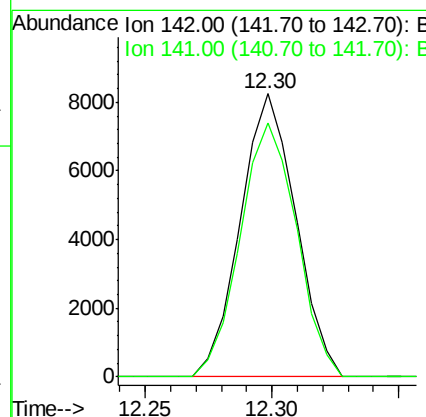
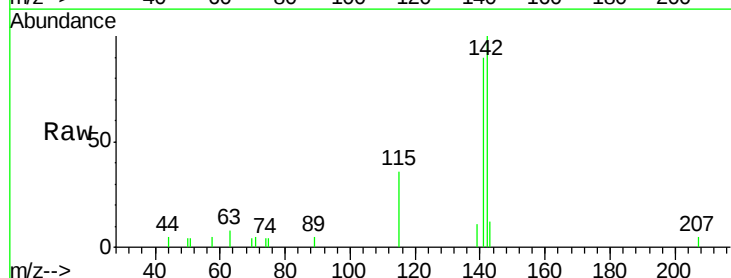
Instrument :
BNA_M
ClientSampled :
C0AB1

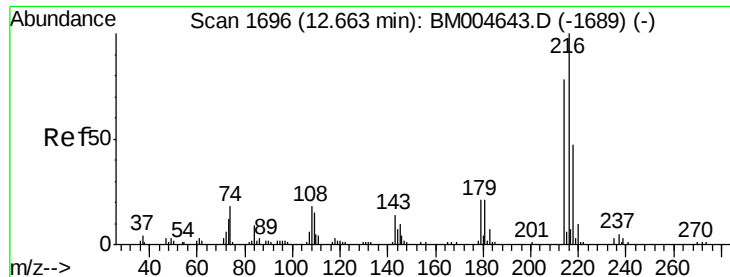
Tgt Ion:128 Resp: 113869
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.7 10.5 15.7



#34
2-Methylnaphthalene
Concen: 1.32 ng/ul
RT: 12.30 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BM004644.D
Acq: 16 Mar 2016 20:31

Tgt Ion:142 Resp: 12571
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4

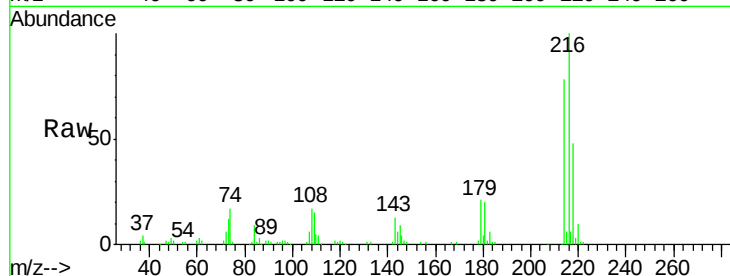




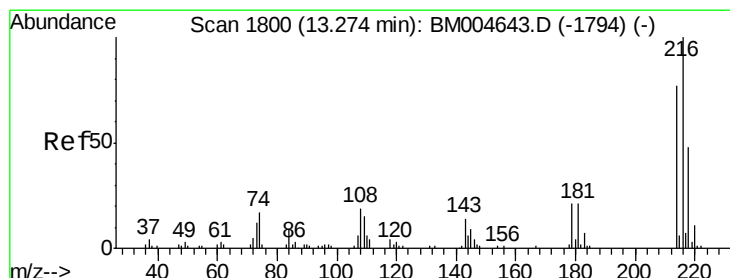
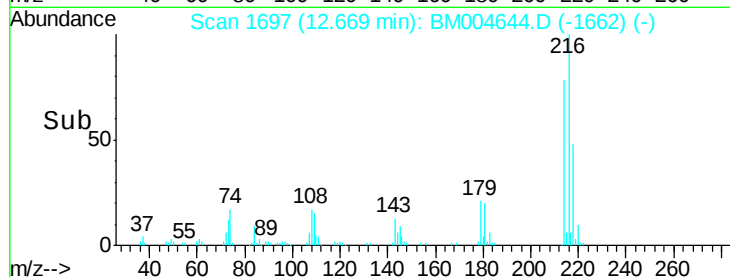
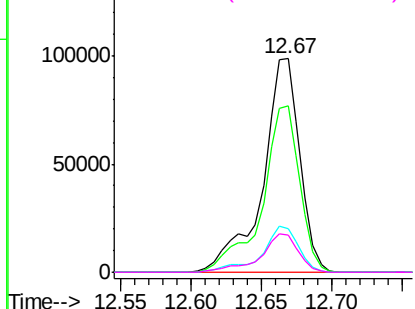
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.95 ng/uL
 RT: 12.67 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Instrument :
 BNA_M
 ClientSampleId :
 C0AB1

Tgt Ion:	216	Resp:	182959
Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.5	93.7
179	20.6	18.2	27.2
108	17.5	14.2	21.2

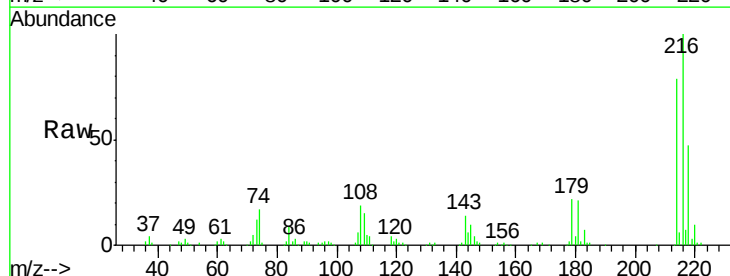


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

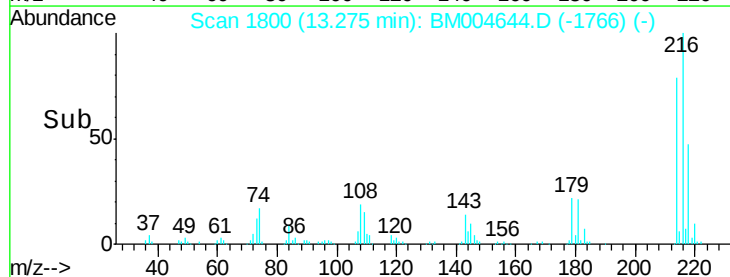
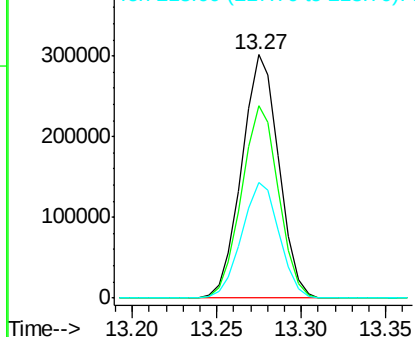


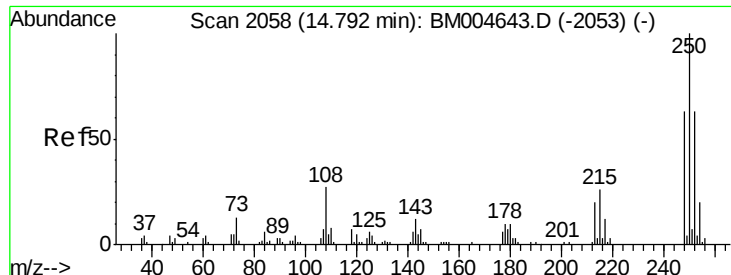
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 113.34 ng/uL
 RT: 13.27 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BM004644.D
 Acq: 16 Mar 2016 20:31

Tgt Ion:	216	Resp:	461352
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
218	47.5	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





#74

Pentachlorobenzene

Concen: 3.71 ng/uL

RT: 14.79 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BM004644.D

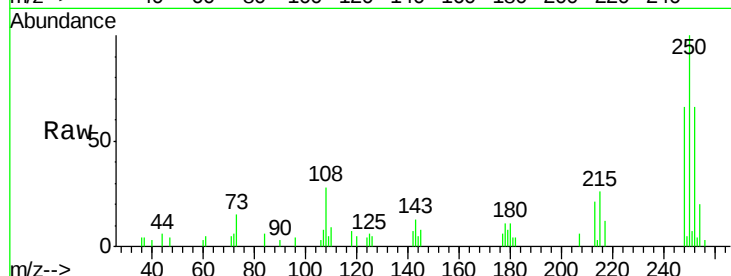
Acq: 16 Mar 2016 20:31

Instrument :

BNA_M

ClientSampleId :

C0AB1



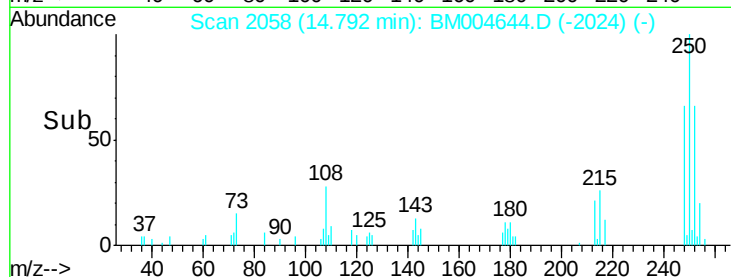
Tgt Ion:250 Resp: 14582

Ion Ratio Lower Upper

250 100

248 65.6 50.6 75.8

252 65.7 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

