

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005883.D
 Acq On : 21 Jun 2016 07:50
 Operator : UM/SJ
 Sample : H3461-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY1

Quant Time: Jun 21 08:22:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 08:19:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	148973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	771319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	526627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1337671	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1705872	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1798748	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	2409	0.63	ng/uL	0.00
5) Phenol-d5	6.85	99	98173	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	286813	30.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	277052	22.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	200713	14.61	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	176888	31.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	180083	32.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	364873	27.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	13538	1.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1693198	33.93	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1862742	31.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	58119	6.75	ng/ul	0.00
57) Fluorene-d10	15.32	176	1445264	35.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	186015	34.51	ng/ul	0.00
70) Anthracene-d10	17.17	188	2613879	38.54	ng/ul	0.00
76) Pyrene-d10	19.47	212	3083310	33.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	3411272	37.22	ng/ul	0.01

Target Compounds

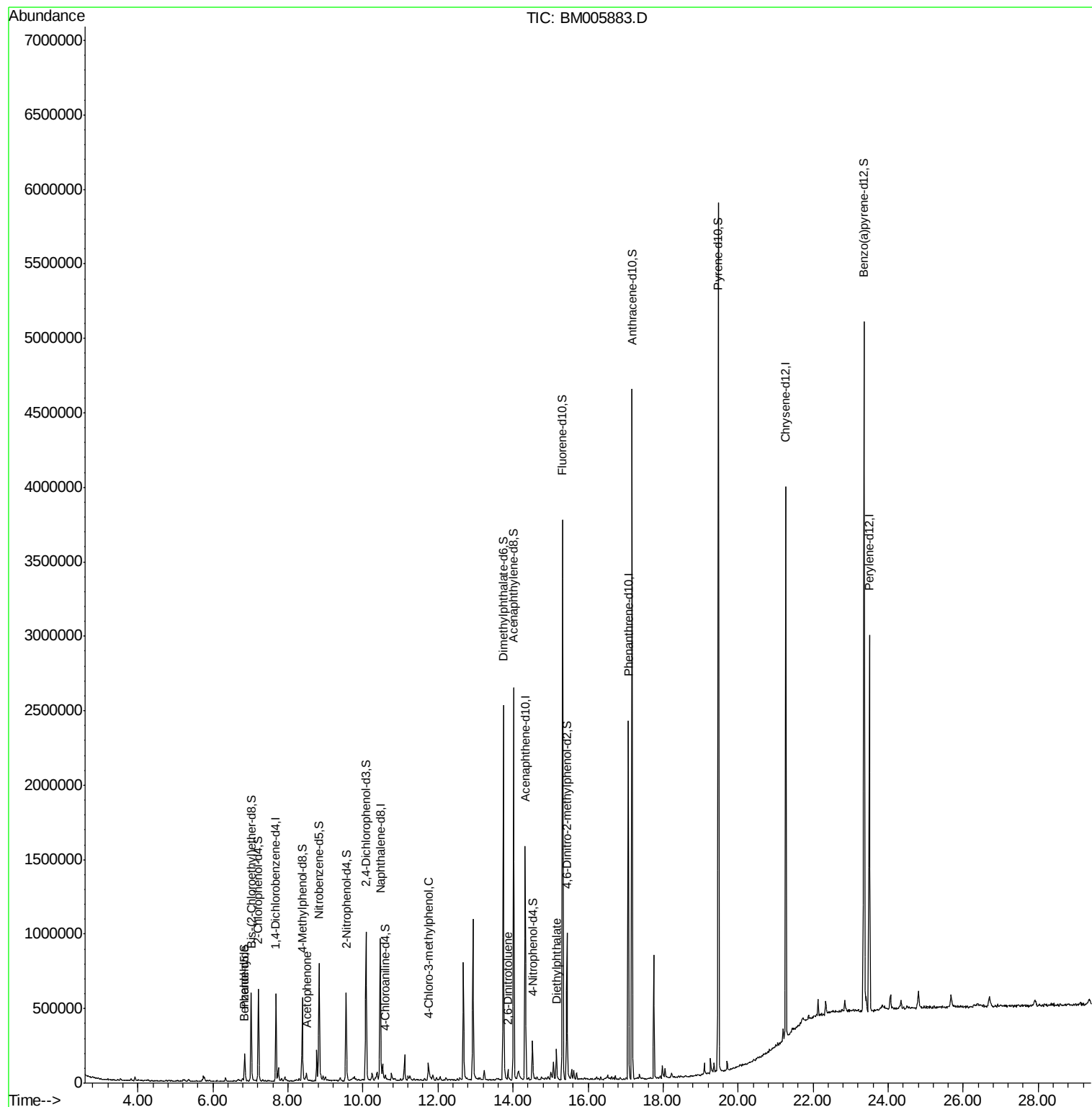
						Qvalue
4) Benzaldehyde	6.83	77	6907	3.58	ng/ul	92
14) Acetophenone	8.50	105	27083	1.34	ng/ul	98
33) 4-Chloro-3-methylphenol	11.75	107	41196	2.42	ng/ul	98
45) 2,6-Dinitrotoluene	13.87	165	9045	1.12	ng/ul#	32
56) Diethylphthalate	15.16	149	117855	2.24	ng/ul	98

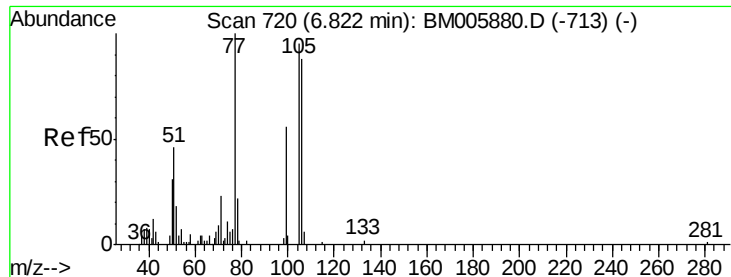
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.58 ng/ul

RT: 6.83 min Scan# 721

Delta R.T. 0.01 min

Lab File: BM005883.D

Acq: 21 Jun 2016 07:50

Instrument :

BNA_M

ClientSampleId :

C0AY1

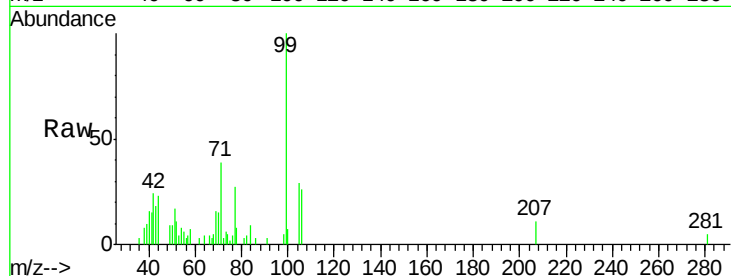
Tgt Ion: 77 Resp: 6907

Ion Ratio Lower Upper

77 100

105 107.5 73.1 109.7

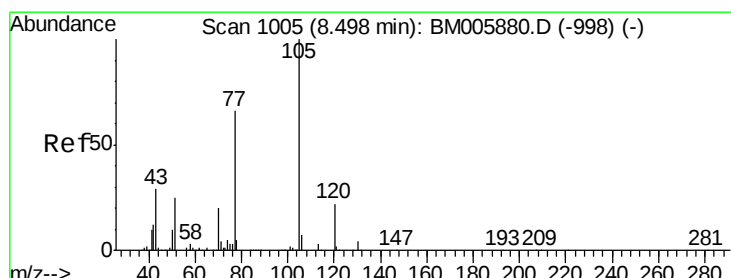
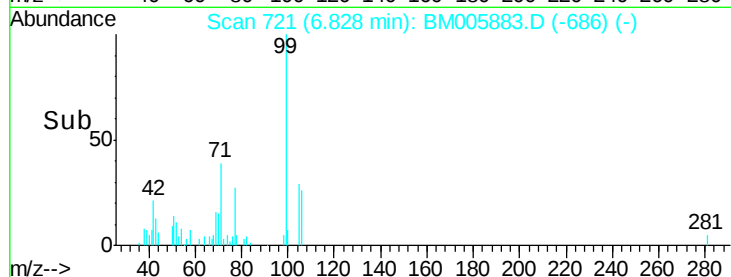
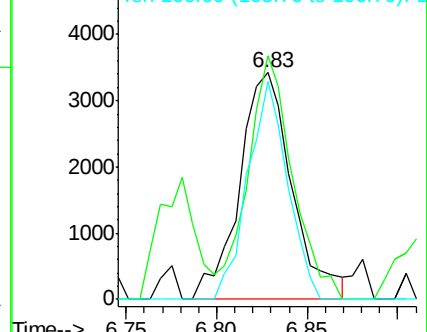
106 96.4 77.5 116.3



Abundance Ion 77.00 (76.70 to 77.70): BM005883.D (-686) (-)

Ion 105.00 (104.70 to 105.70): BM005883.D (-686) (-)

Ion 106.00 (105.70 to 106.70): BM005883.D (-686) (-)



#14

Acetophenone

Concen: 1.34 ng/ul

RT: 8.50 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BM005883.D

Acq: 21 Jun 2016 07:50

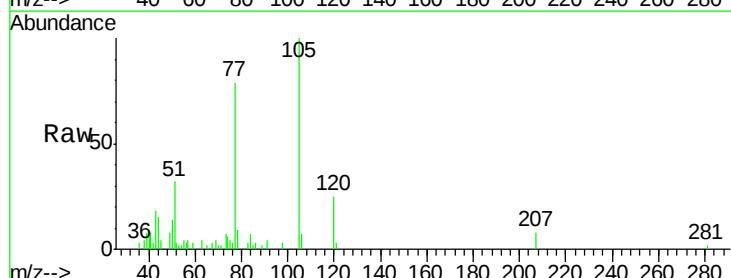
Tgt Ion: 105 Resp: 27083

Ion Ratio Lower Upper

105 100

77 79.3 62.8 94.2

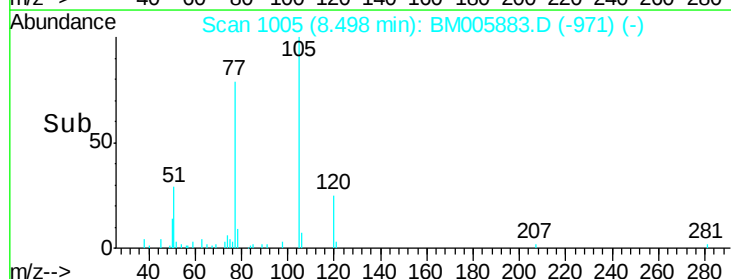
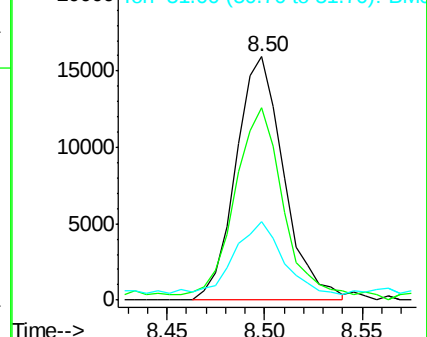
51 32.3 23.0 34.6

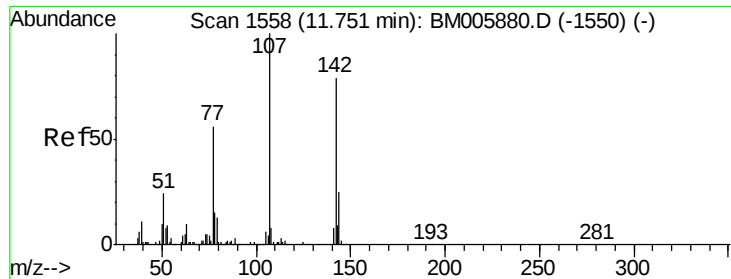


Abundance Ion 105.00 (104.70 to 105.70): BM005883.D (-971) (-)

Ion 77.00 (76.70 to 77.70): BM005883.D (-971) (-)

Ion 51.00 (50.70 to 51.70): BM005883.D (-971) (-)

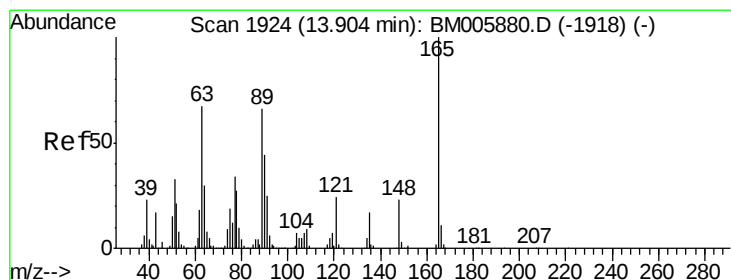
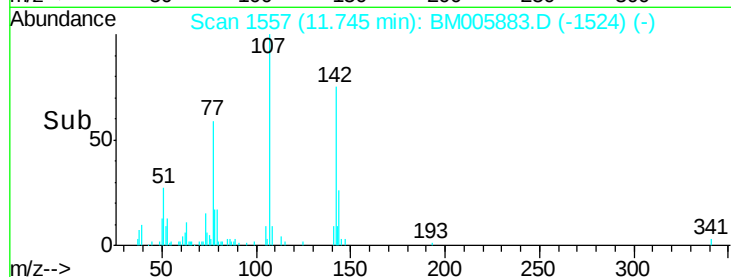
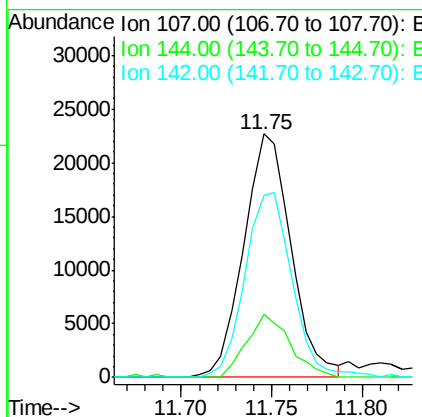
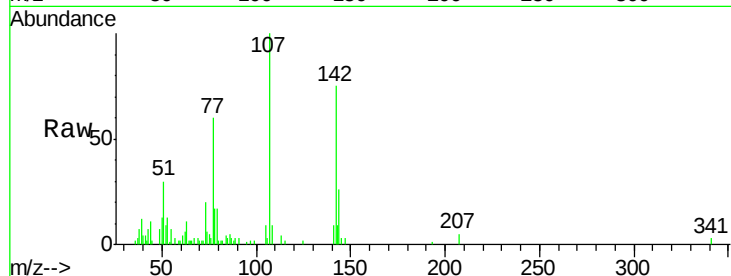




#33
 4-Chloro-3-methylphenol
 Concen: 2.42 ng/ul
 RT: 11.75 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BM005883.D
 Acq: 21 Jun 2016 07:50

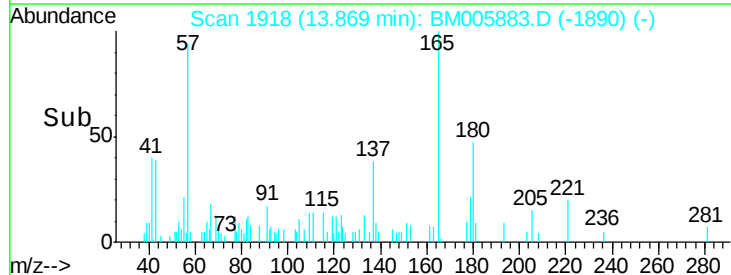
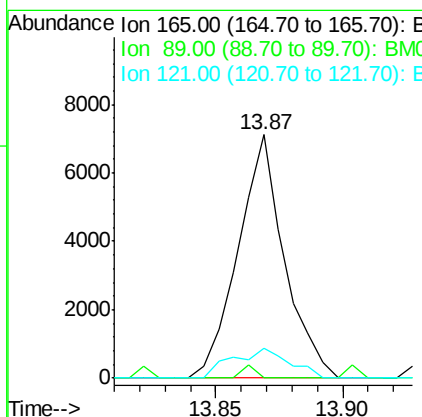
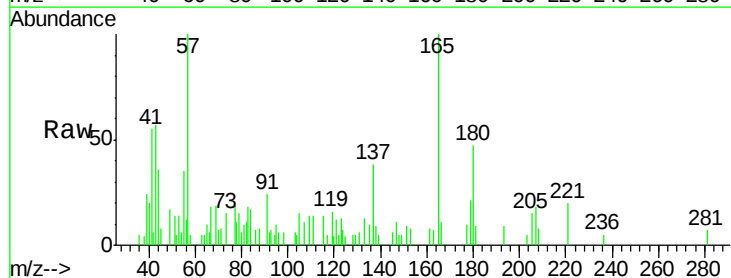
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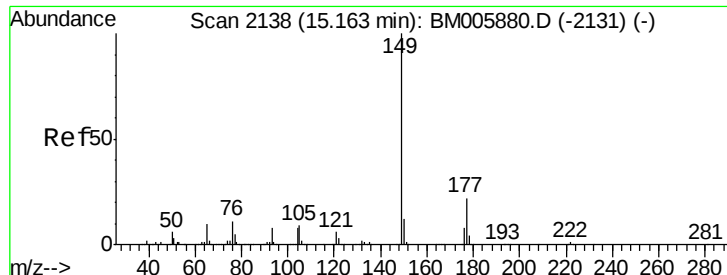
Tgt Ion:107 Resp: 41196
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.0 28.6
 142 74.8 60.2 90.4



#45
 2,6-Dinitrotoluene
 Concen: 1.12 ng/ul
 RT: 13.87 min Scan# 1918
 Delta R.T. -0.04 min
 Lab File: BM005883.D
 Acq: 21 Jun 2016 07:50

Tgt Ion:165 Resp: 9045
 Ion Ratio Lower Upper
 165 100
 89 0.0 53.6 80.4#
 121 12.4 19.2 28.8#





#56

Diethylphthalate

Concen: 2.24 ng/ul

RT: 15.16 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM005883.D

Acq: 21 Jun 2016 07:50

Instrument :

BNA_M

ClientSampleId :

C0AY1

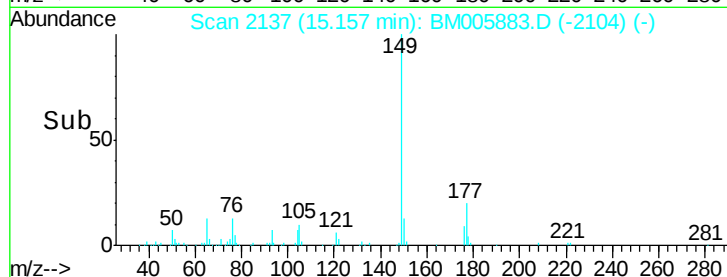
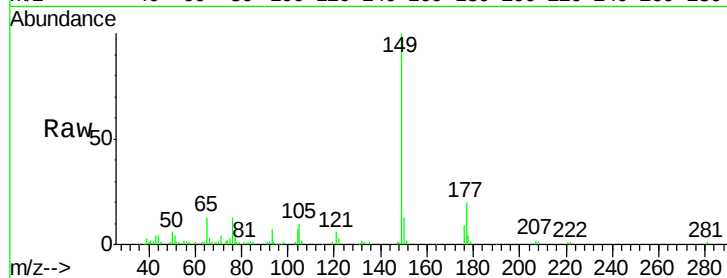
Tgt Ion:149 Resp: 117855

Ion Ratio Lower Upper

149 100

177 20.2 17.4 26.0

150 12.9 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

