

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016899.D
 Acq On : 26 Sep 2018 14:58
 Operator : MJ/SJ
 Sample : J5040-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 01:23:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 01:22:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	279095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1153937	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	600393	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1343606	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1529219	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1659899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	19450	2.98	ng/uL	0.00
5) Phenol-d5	6.89	99	455614	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	278505	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	390964	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	330966	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	181013	23.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	177677	25.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	363571	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	364250	17.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1054401	21.87	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1352126	21.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	137400	17.37	ng/ul	0.00
58) Fluorene-d10	15.35	176	964276	22.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	95028	17.23	ng/ul	0.00
71) Anthracene-d10	17.20	188	1472217	22.71	ng/ul	0.00
79) Pyrene-d10	19.50	212	1684595	22.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2018674	23.31	ng/ul	0.00

Target Compounds

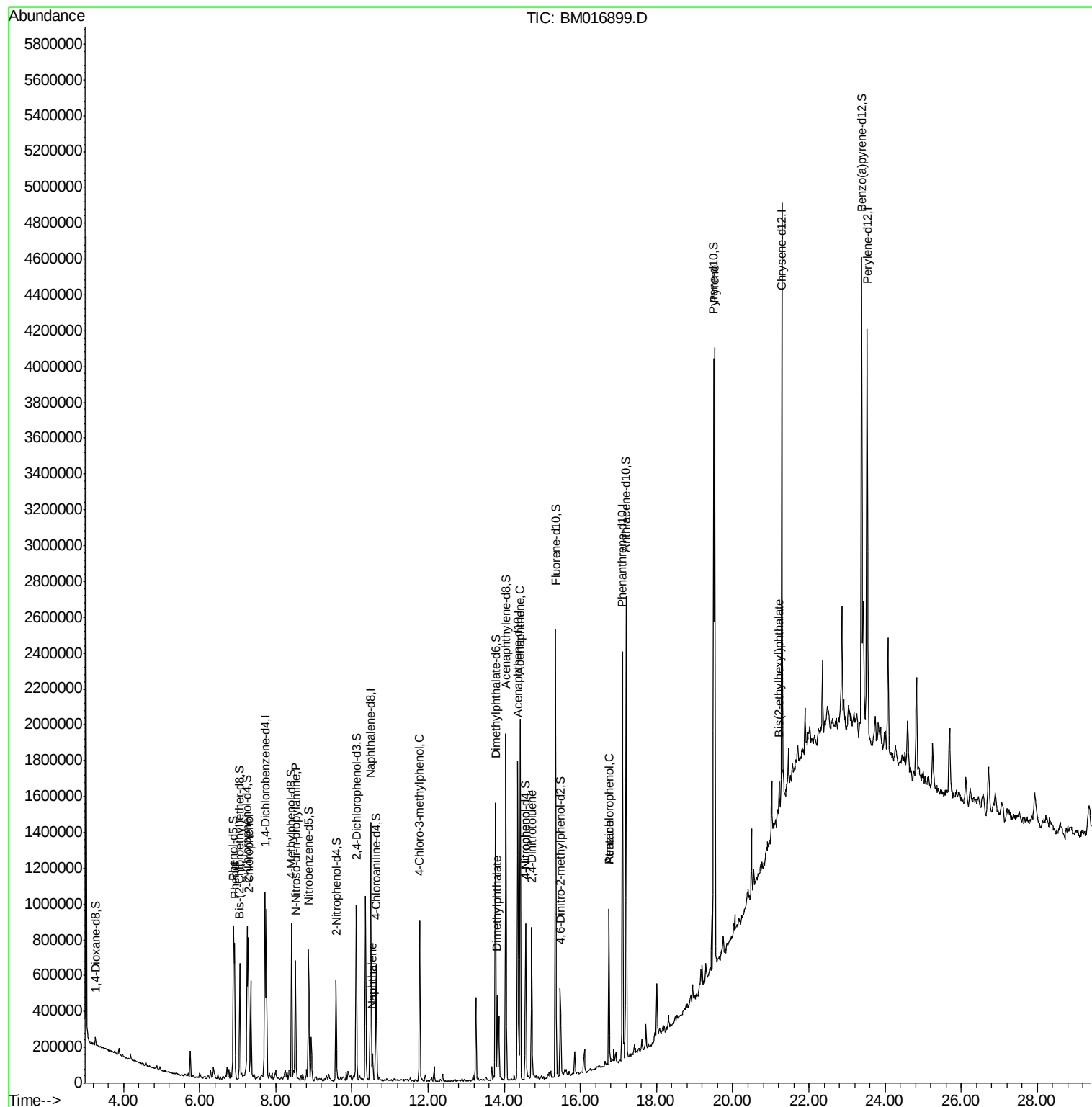
					Ovalue	
6) Phenol	6.92	94	409980	17.447	ng/ul	95
10) 2-Chlorophenol	7.28	128	330864	17.146	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.52	70	232550	16.460	ng/ul	98
28) Naphthalene	10.55	128	110609	1.864	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	311089	17.636	ng/ul	94
45) Dimethylphthalate	13.82	163	311515	6.612	ng/ul	98
50) Acenaphthene	14.42	153	802503	19.179	ng/ul	99
53) 4-Nitrophenol	14.57	109	96060	15.756	ng/ul#	75
55) 2,4-Dinitrotoluene	14.72	165	237584	22.327	ng/ul	97
68) Atrazine	16.75	200	23194	1.579	ng/ul#	38
69) Pentachlorophenol	16.75	266	156317	17.669	ng/ul	97
80) Pyrene	19.53	202	1930873	20.564	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.22	149	65197	1.195	ng/ul#	99

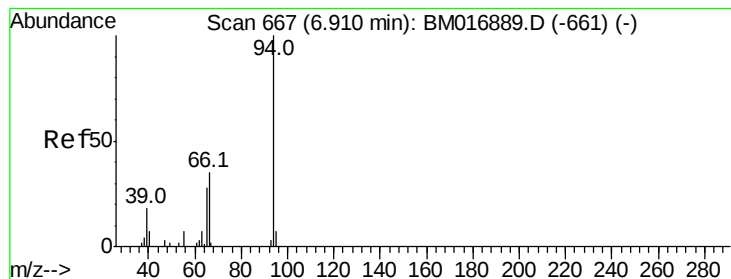
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 01:22:07 2018
Response via : Initial Calibration





#6

Phenol

Concen: 17.447 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016889.D

Acq: 26 Sep 2018 14:58

Instrument :

BNA_M

ClientSampleId :

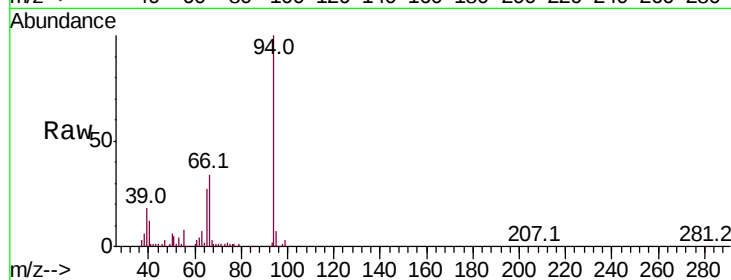
Tot Ion: 94 Resp: 409980

Ion Ratio Lower Upper

94 100

65 27.0 23.0 34.6

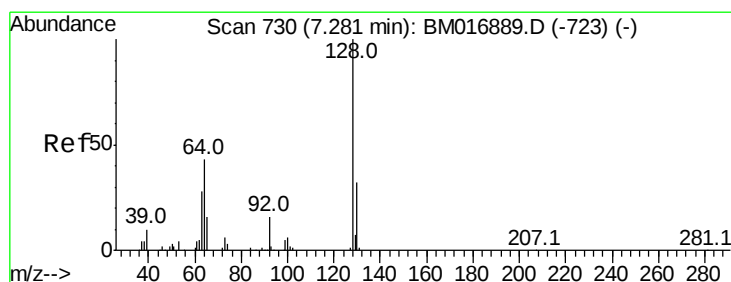
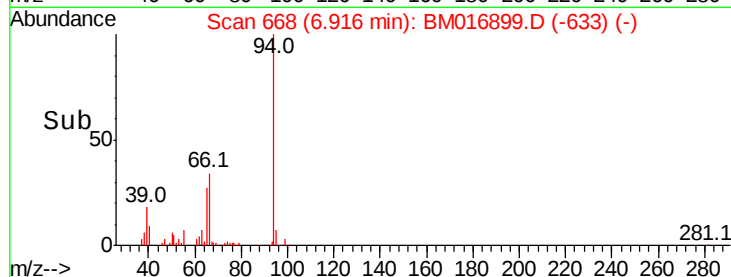
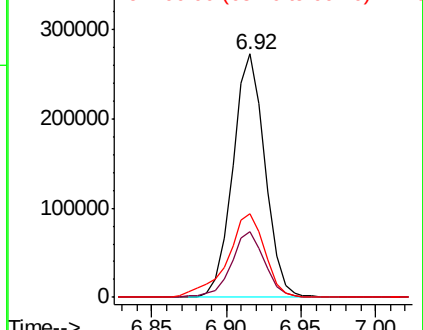
66 34.3 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016889.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016889.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016889.D (-661) (-)



#10

2-Chlorophenol

Concen: 17.146 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM016889.D

Acq: 26 Sep 2018 14:58

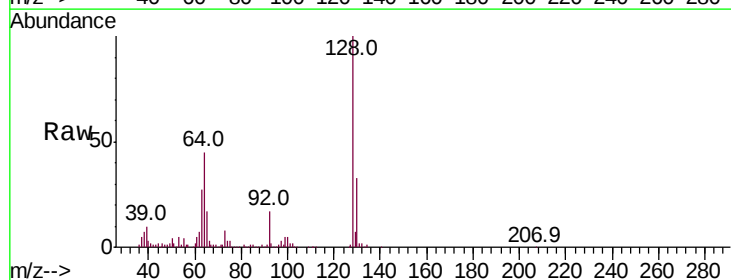
Tgt Ion:128 Resp: 330864

Ion Ratio Lower Upper

128 100

64 45.5 39.8 59.6

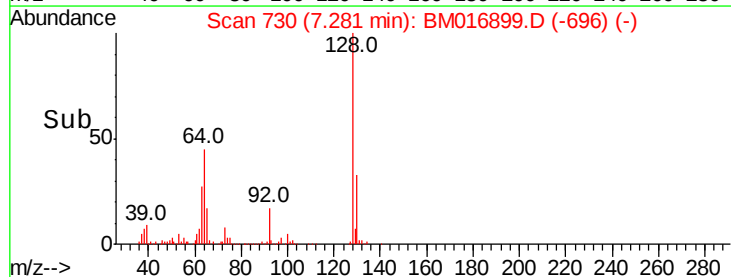
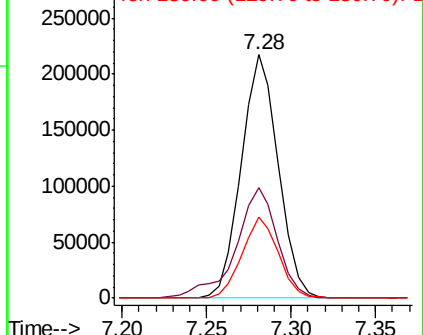
130 33.5 25.8 38.8

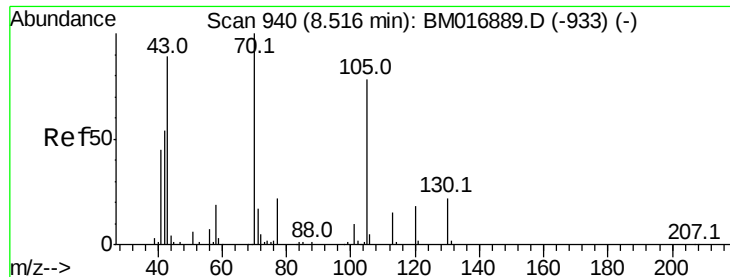


Abundance Ion 128.00 (127.70 to 128.70): BM016889.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM016889.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM016889.D (-723) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.460 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM016899.D

Acq: 26 Sep 2018 14:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 232550

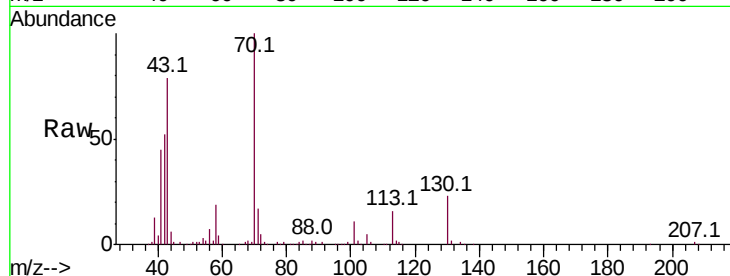
Ion Ratio Lower Upper

70 100

42 52.0 40.2 60.4

101 10.5 7.7 11.5

130 22.8 17.8 26.6

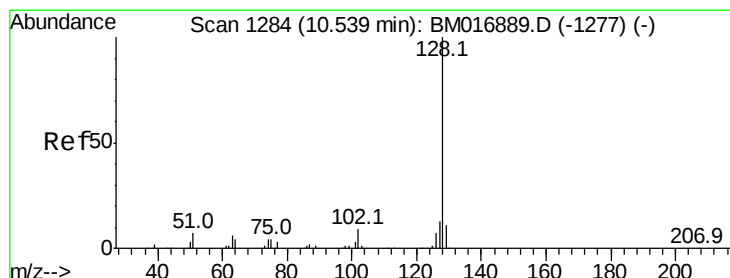
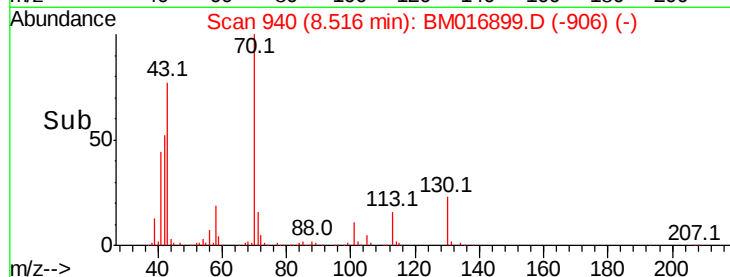
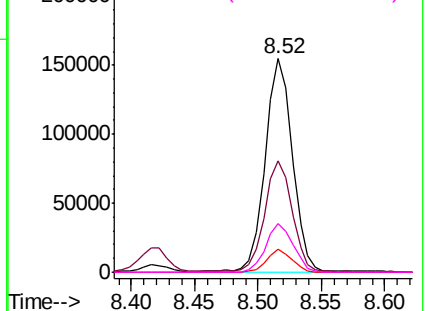


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#28

Naphthalene

Concen: 1.864 ng/ul

RT: 10.55 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BM016899.D

Acq: 26 Sep 2018 14:58

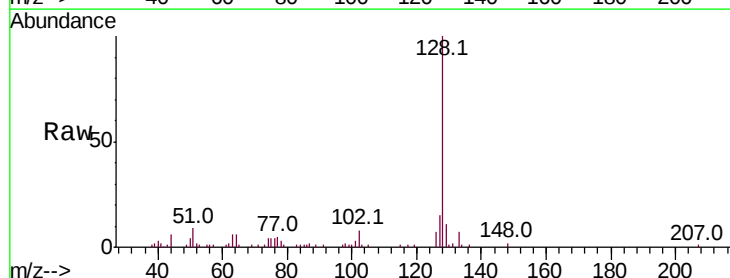
Tgt Ion:128 Resp: 110609

Ion Ratio Lower Upper

128 100

129 11.3 8.3 12.5

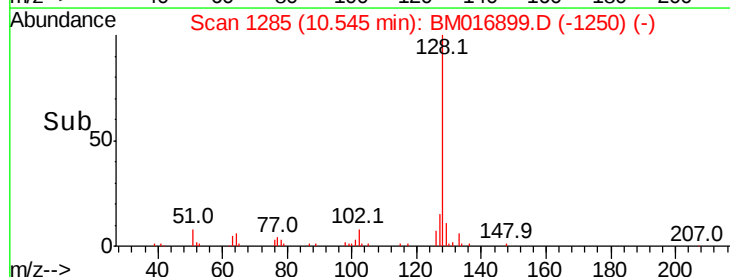
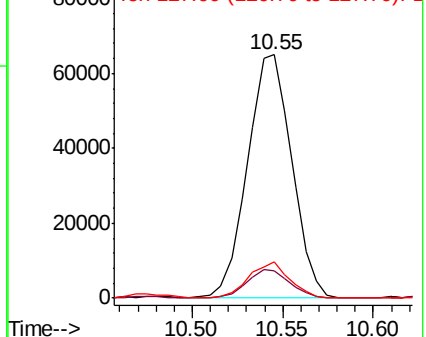
127 14.6 10.8 16.2

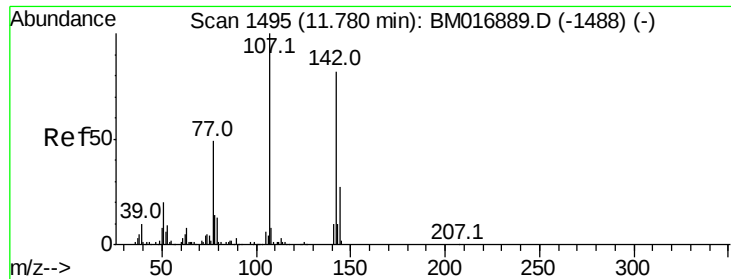


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

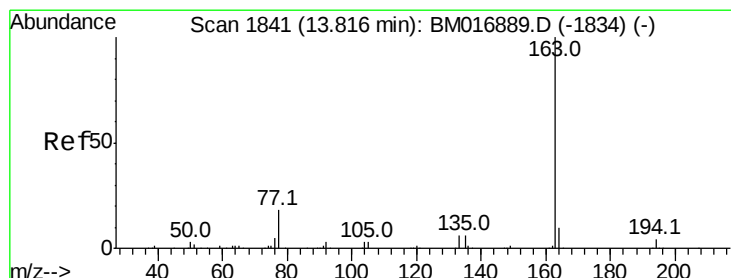
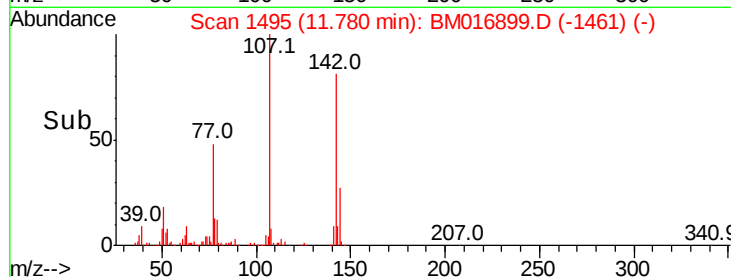
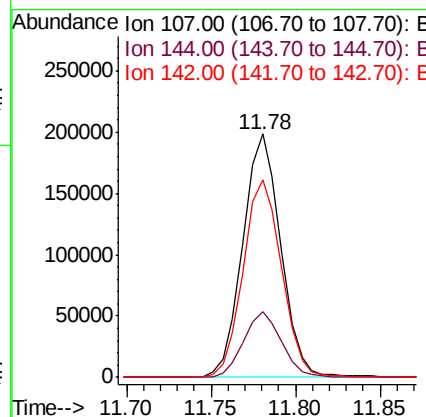
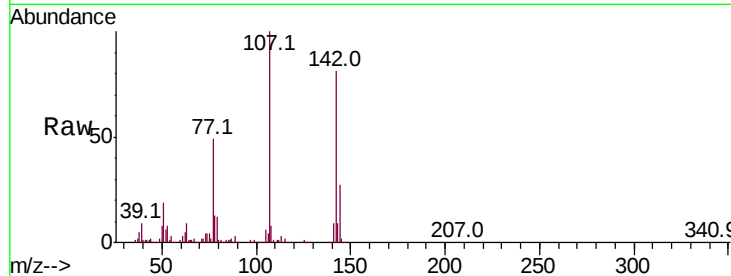




#33
 4-Chloro-3-methylphenol
 Concen: 17.636 ng/ul
 RT: 11.78 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BM016899.D
 Acq: 26 Sep 2018 14:58

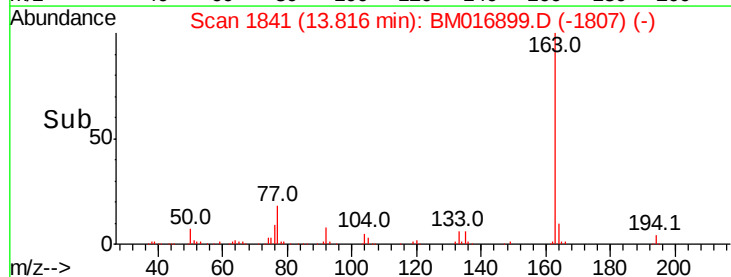
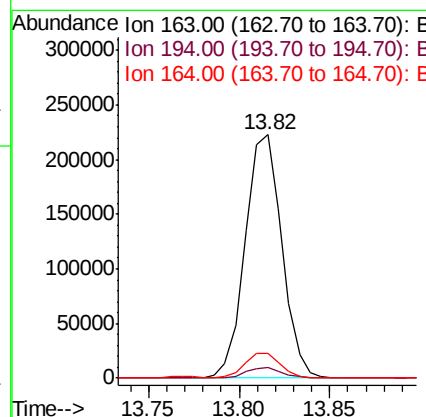
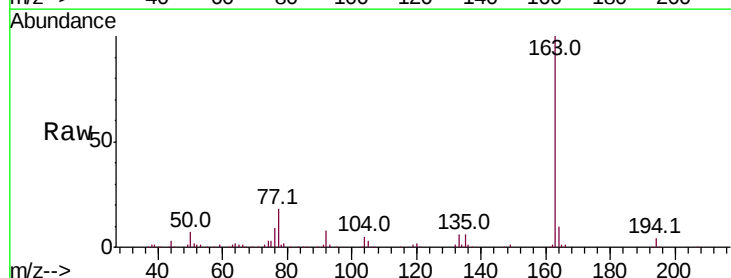
Instrument :
 BNA_M
 ClientSampled :

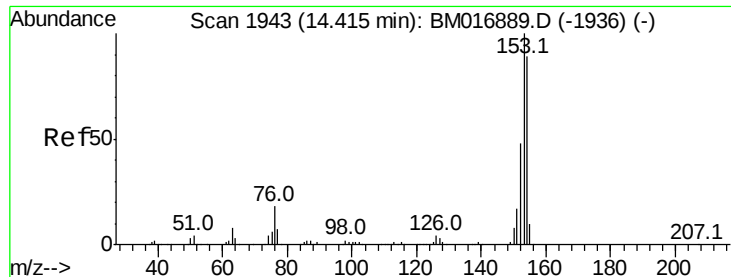
Tot Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.1	31.7
142	81.0	60.1	90.1



#45
 Dimethylphthalate
 Concen: 6.612 ng/ul
 RT: 13.82 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BM016899.D
 Acq: 26 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.0	8.4	12.6





#50

Acenaphthene

Concen: 19.179 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BM016889.D

Acq: 26 Sep 2018 14:58

Instrument :

BNA_M

ClientSampleId :

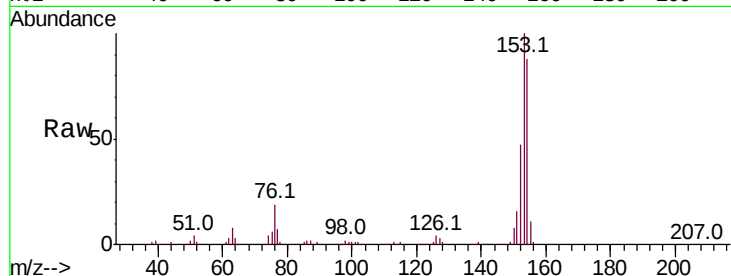
Tot Ion:153 Resp: 802503

Ion Ratio Lower Upper

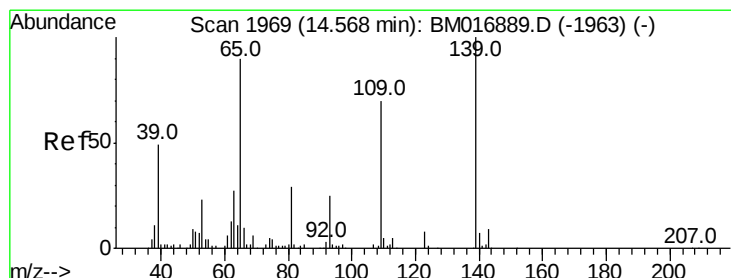
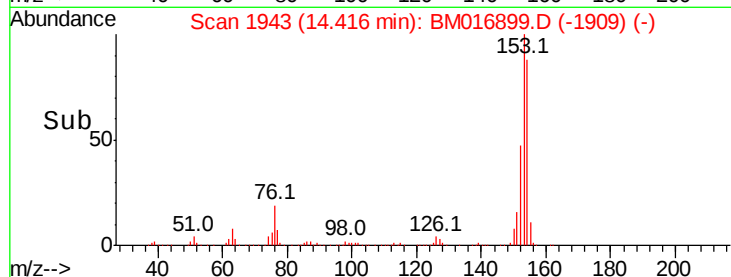
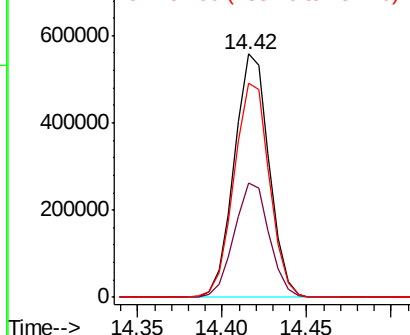
153 100

152 46.9 37.9 56.9

154 88.2 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 15.756 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BM016889.D

Acq: 26 Sep 2018 14:58

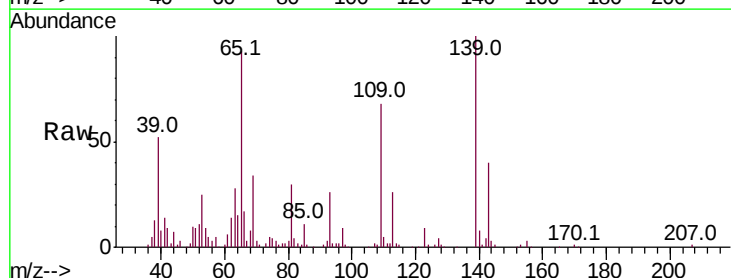
Tgt Ion:109 Resp: 96060

Ion Ratio Lower Upper

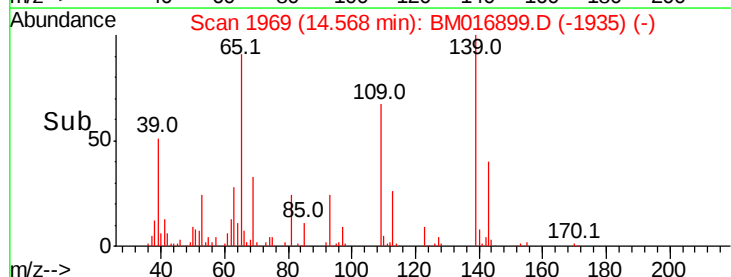
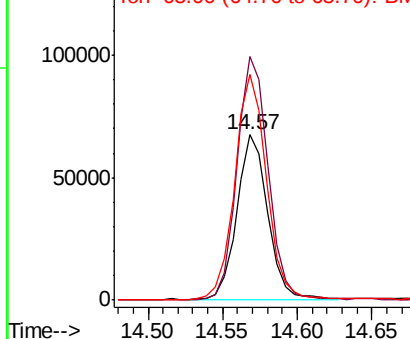
109 100

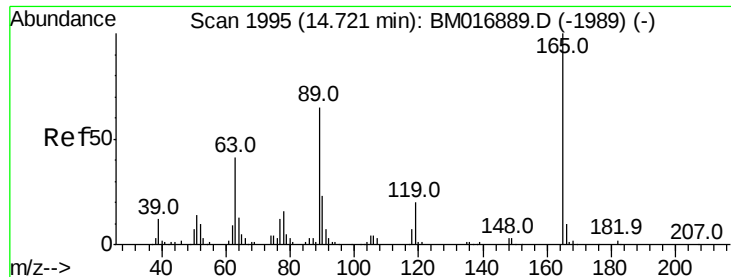
139 147.2 91.2 136.8#

65 136.6 92.6 139.0



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): E

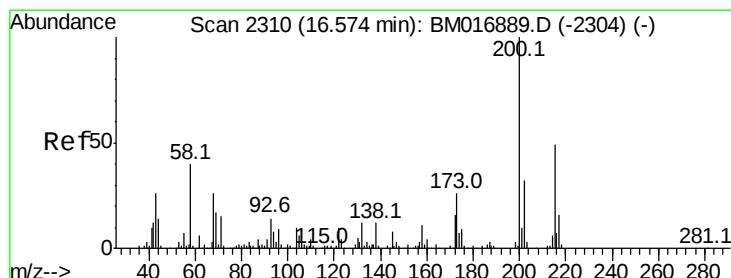
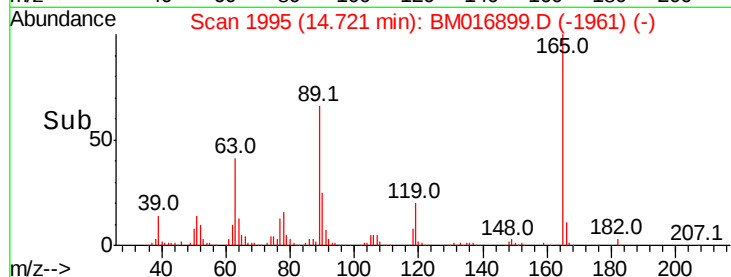
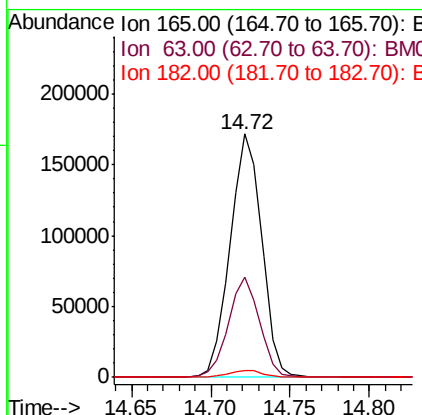
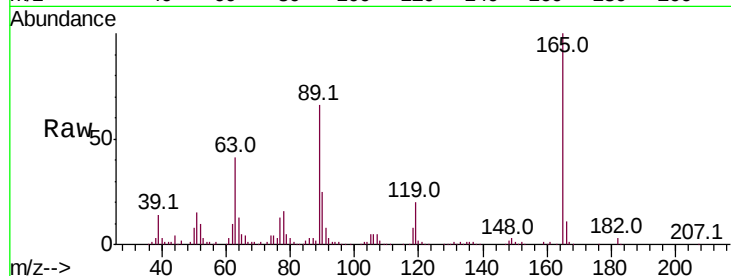




#55
 2,4-Dinitrotoluene
 Concen: 22.327 ng/ul
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM016899.D
 Acq: 26 Sep 2018 14:58

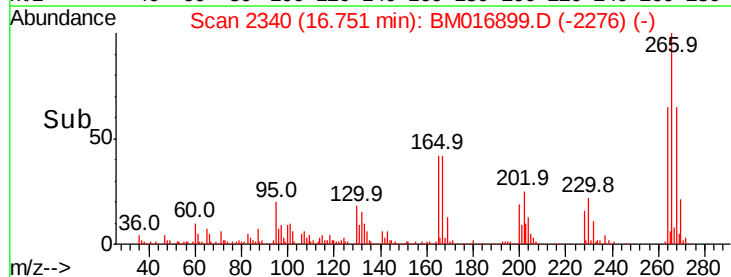
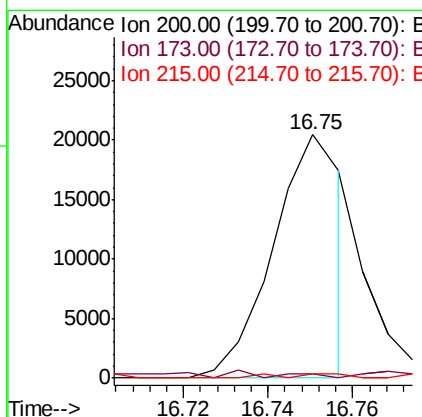
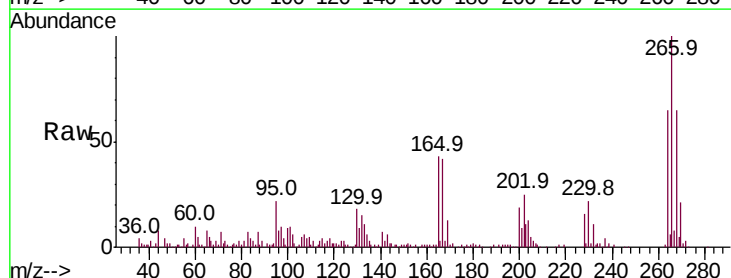
Instrument :
 BNA_M
 ClientSampleId :

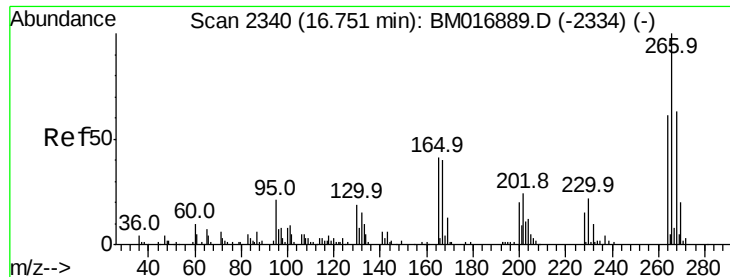
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	31.4	47.0
182	2.8	2.7	4.1



#68
 Atrazine
 Concen: 1.579 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.18 min
 Lab File: BM016899.D
 Acq: 26 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	1.6	20.6	31.0#
215	1.6	39.8	59.6#





#69

Pentachlorophenol

Concen: 17.669 ng/ul

RT: 16.75 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BM016899.D

Acq: 26 Sep 2018 14:58

Instrument :

BNA_M

ClientSampleId :

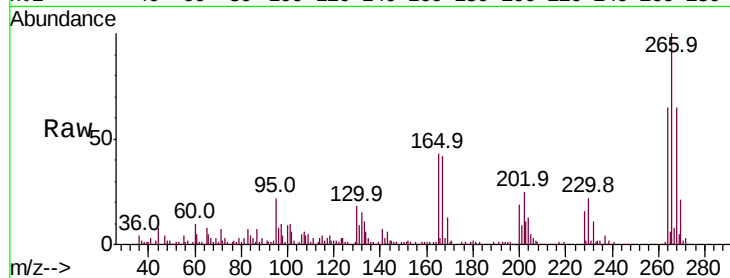
Tot Ion:266 Resp: 156317

Ion Ratio Lower Upper

266 100

264 65.0 48.2 72.4

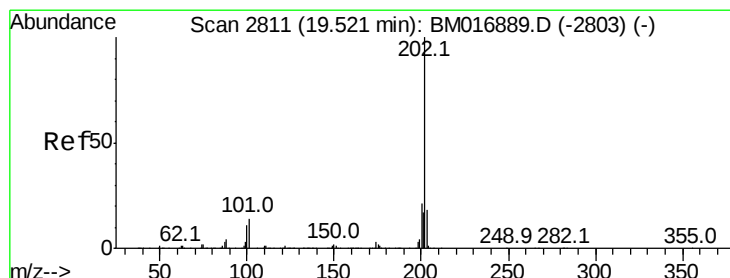
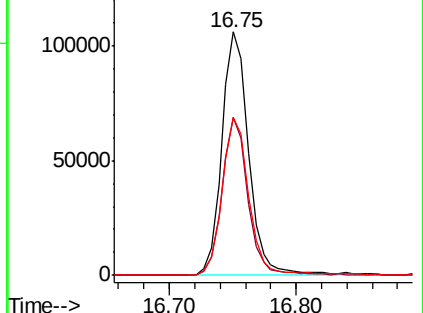
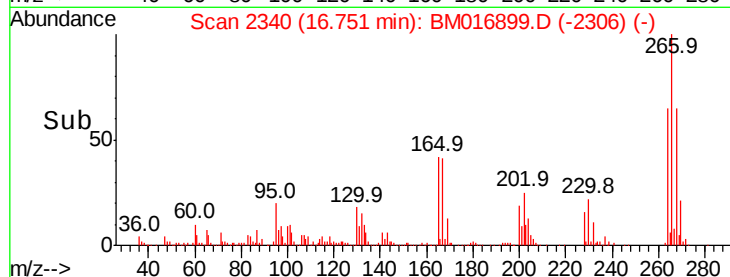
268 64.6 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 20.564 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BM016899.D

Acq: 26 Sep 2018 14:58

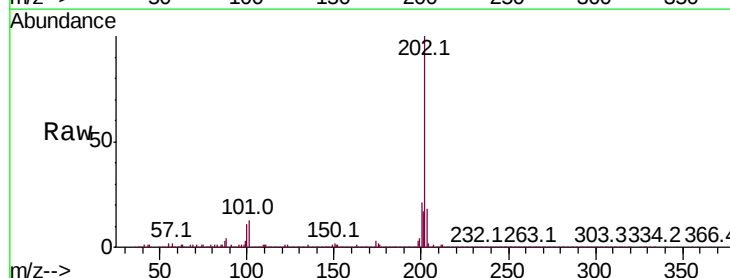
Tgt Ion:202 Resp: 1930873

Ion Ratio Lower Upper

202 100

101 13.1 6.9 10.3#

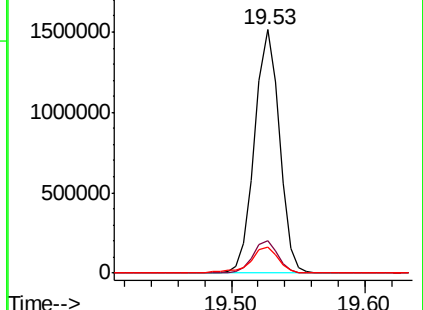
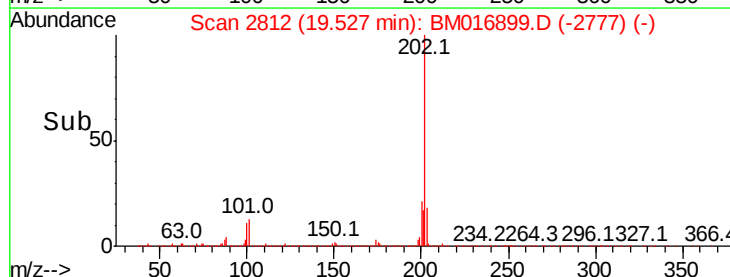
100 10.9 5.6 8.4#

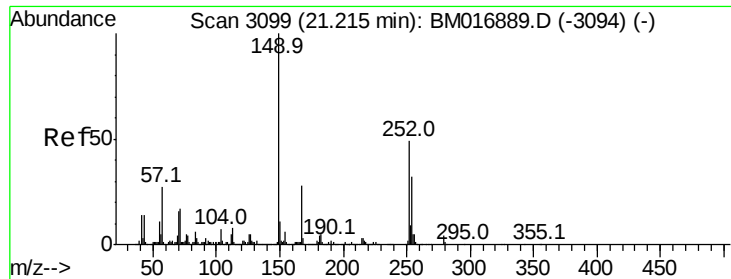


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.195 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BM016899.D

Acq: 26 Sep 2018 14:58

Instrument :

BNA_M

ClientSampleId :

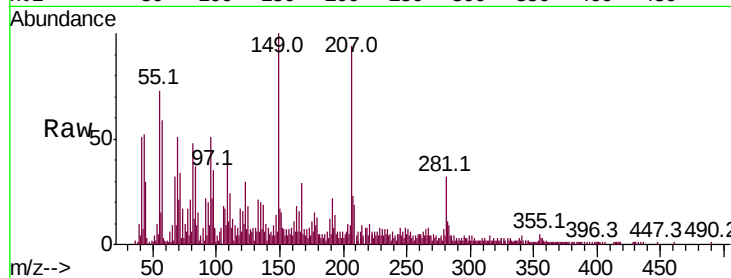
Tot Ion:149 Resp: 65197

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

279 6.9 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

