

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002073.D
 Acq On : 27 Jul 2015 23:29
 Operator : UM/HP
 Sample : MDL-01-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Quant Time: Jul 28 05:24:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 28 05:22:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	74902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	283944	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	165913	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	378805	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	439045	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	449159	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8402	5.80	ng/uL	0.00
5) Phenol-d5	6.77	99	150241	28.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	84331	28.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	132106	29.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	121590	28.56	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	59825	29.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	68540	30.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	122909	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	163375	34.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	380095	31.28	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	455412	29.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	55526	27.37	ng/ul	0.00
58) Fluorene-d10	15.26	176	325878	30.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	48252	20.82	ng/ul	0.00
71) Anthracene-d10	17.10	188	522701	30.91	ng/ul	0.00
79) Pyrene-d10	19.41	212	585580	31.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	685416	31.48	ng/ul	0.00

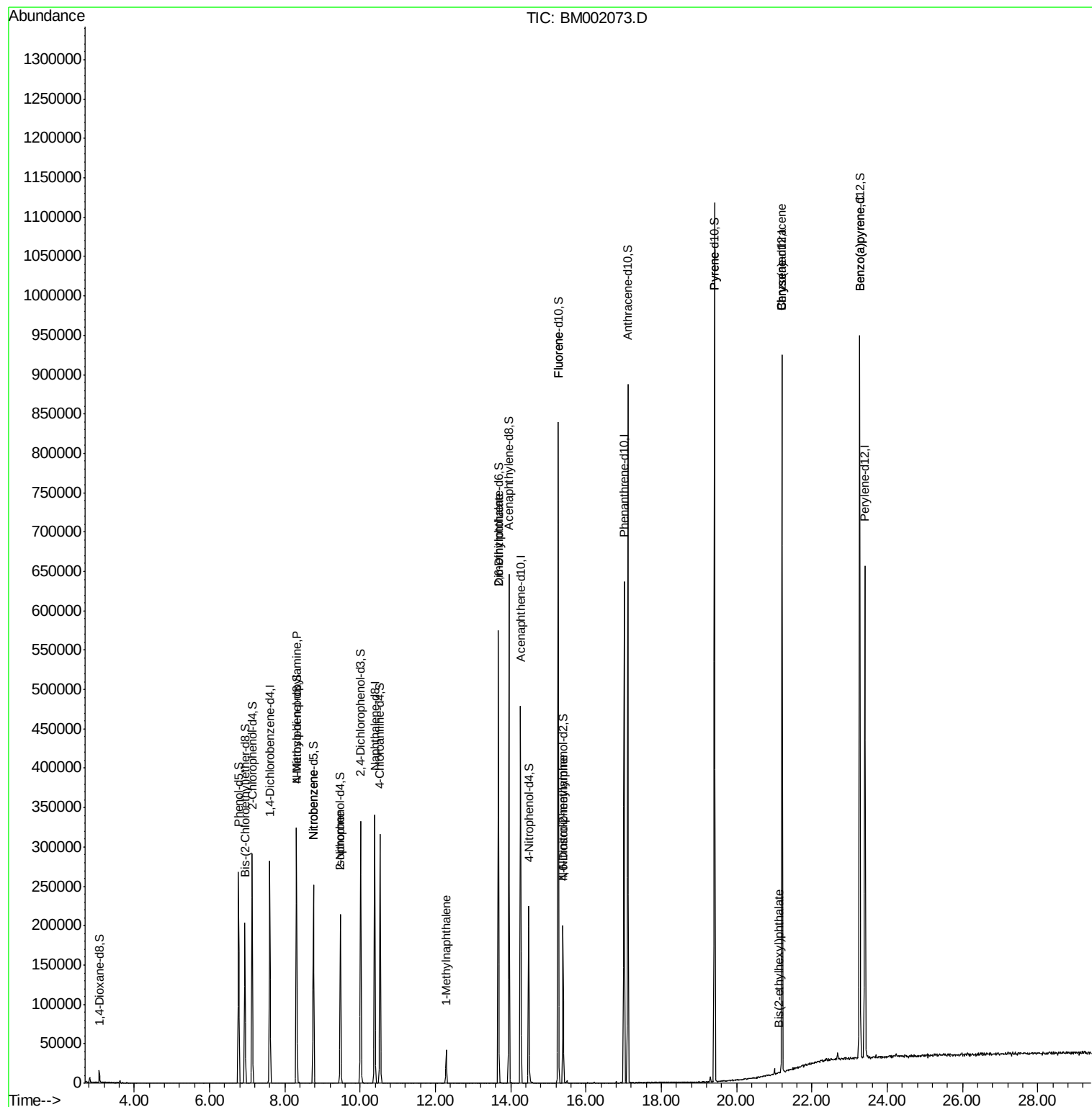
Target Compounds				Qvalue		
15) N-Nitroso-di-n-propylamine	8.31	70	2644	0.81	ng/ul#	1
20) Nitrobenzene	8.76	77	264	0.06	ng/ul#	37
21) Isophorone	9.48	82	5556	0.66	ng/ul#	69
35) 1-Methylnaphthalene	12.28	142	21021	2.23	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	2824	1.14	ng/ul#	32
59) Fluorene	15.26	166	621	0.05	ng/ul#	10
65) N-Nitrosodiphenylamine	15.39	169	238	0.02	ng/ul#	25
80) Pyrene	19.41	202	552	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1042	0.04	ng/ul#	53
84) Bis(2-ethylhexyl)phthalate	21.12	149	239	0.02	ng/ul#	51
85) Chrysene	21.20	228	1042	0.05	ng/ul#	51
91) Benzo(a)pyrene	23.27	252	1857	0.08	ng/ul#	68

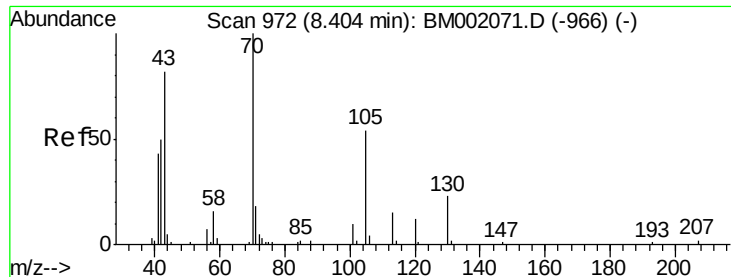
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 05:22:14 2015
Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 0.81 ng/ul

RT: 8.31 min Scan# 956

Delta R.T. -0.09 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

Tgt Ion: 70 Resp: 2644

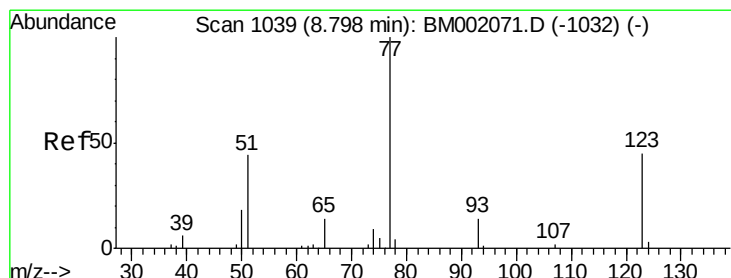
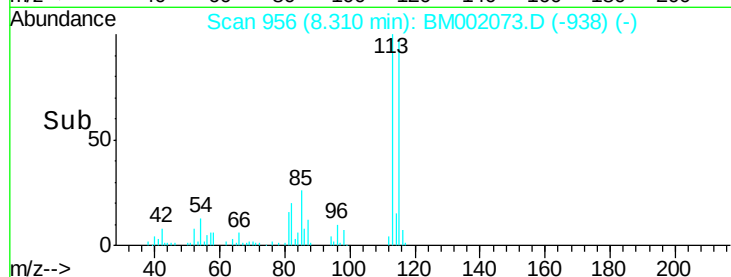
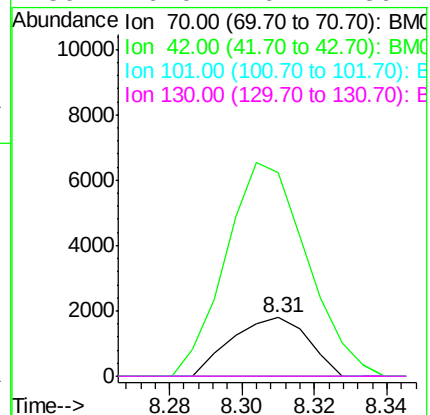
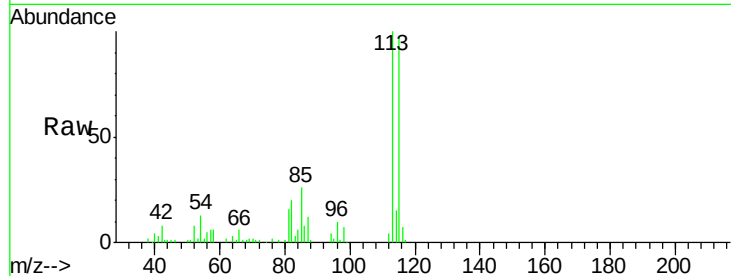
Ion Ratio Lower Upper

70 100

42 348.7 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



#20

Nitrobenzene

Concen: 0.06 ng/ul

RT: 8.76 min Scan# 1032

Delta R.T. -0.04 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

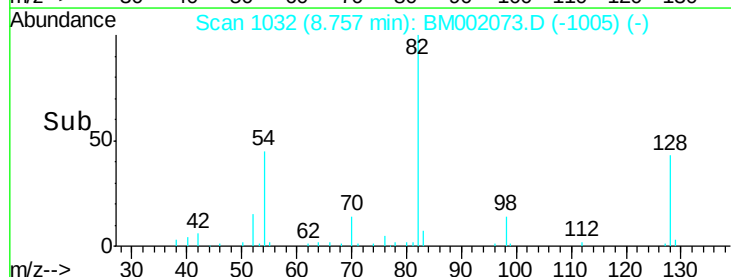
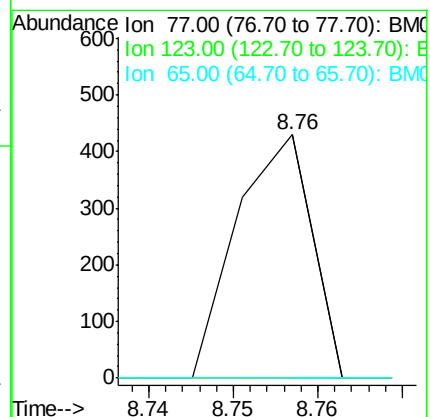
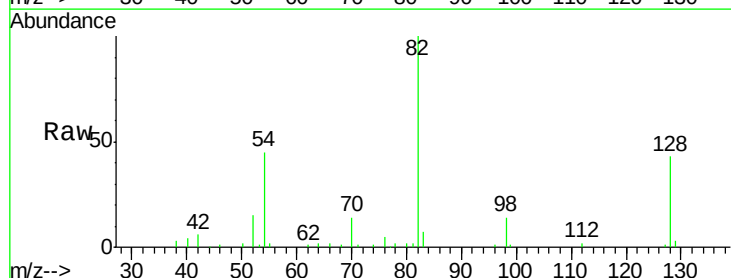
Tgt Ion: 77 Resp: 264

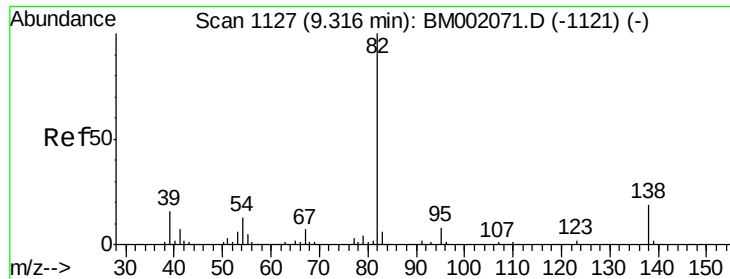
Ion Ratio Lower Upper

77 100

123 0.0 39.0 58.4#

65 0.0 10.4 15.6#





#21

Isophorone

Concen: 0.66 ng/ul

RT: 9.48 min Scan# 1155

Delta R.T. 0.16 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

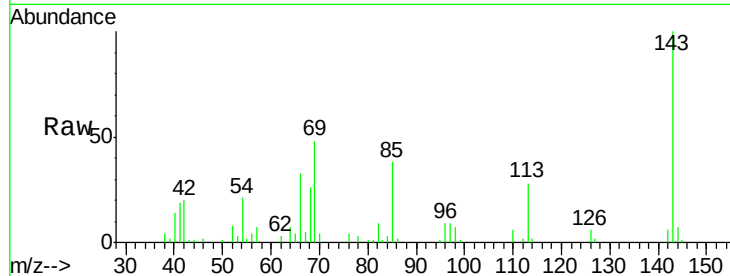
Tgt Ion: 82 Resp: 5556

Ion Ratio Lower Upper

82 100

95 9.7 6.5 9.7#

138 0.0 15.4 23.2#

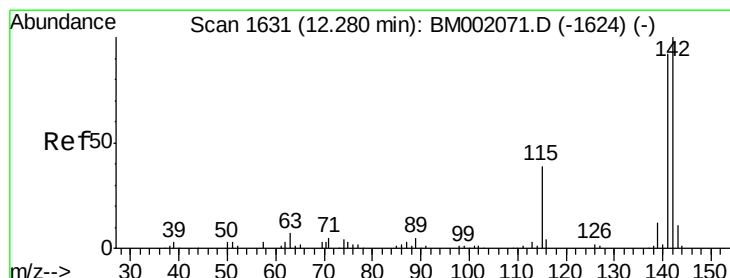
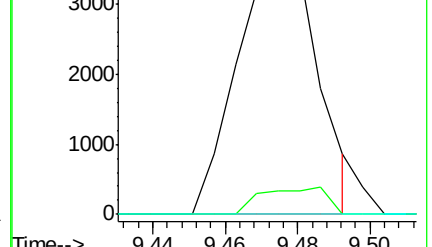
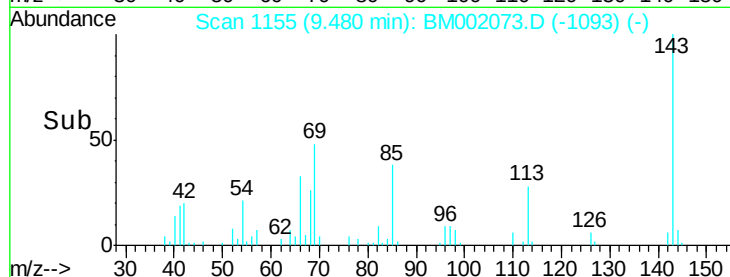


Abundance Ion 82.00 (81.70 to 82.70): BM002073.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002073.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002073.D (-1121) (-)

Time-->



#35

1-Methylnaphthalene

Concen: 2.23 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

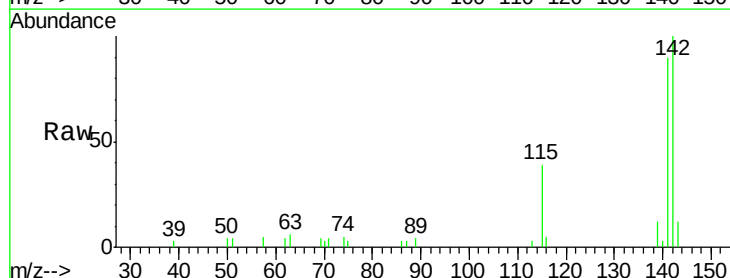
Tgt Ion: 142 Resp: 21021

Ion Ratio Lower Upper

142 100

141 89.8 72.4 108.6

116 4.8 3.2 4.8

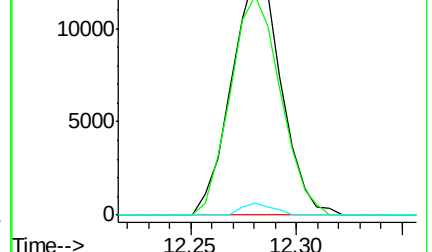
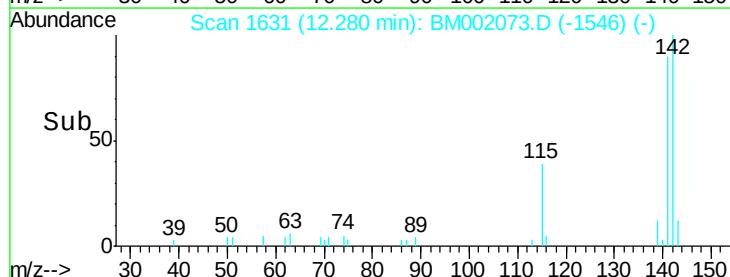


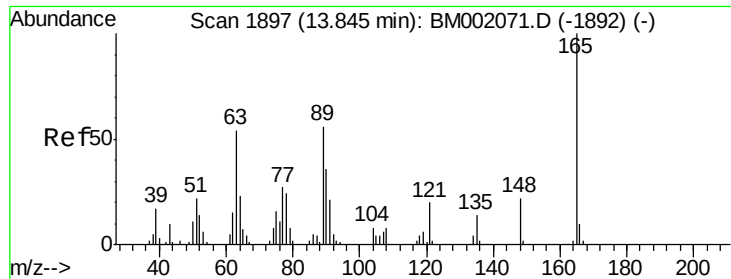
Abundance Ion 142.00 (141.70 to 142.70): BM002073.D (-1624) (-)

Ion 141.00 (140.70 to 141.70): BM002073.D (-1624) (-)

Ion 116.00 (115.70 to 116.70): BM002073.D (-1624) (-)

Time-->

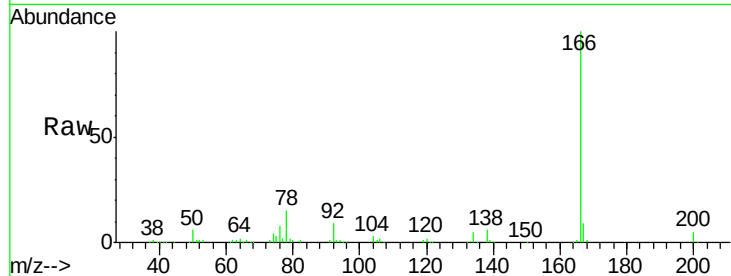




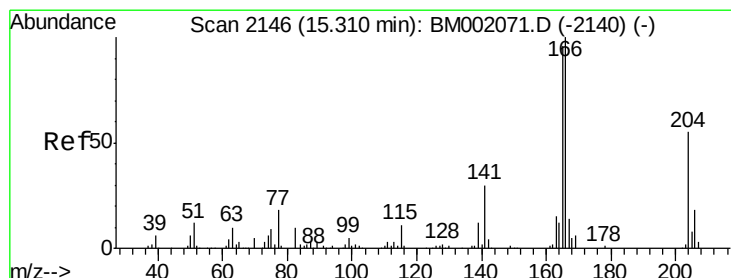
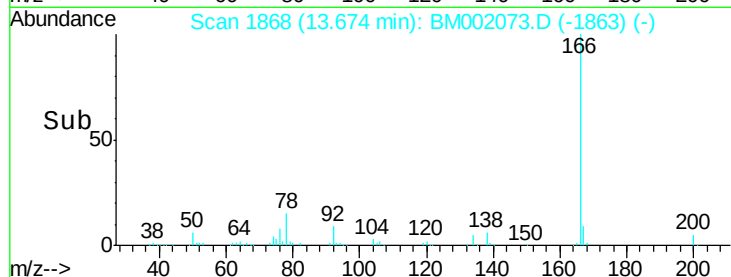
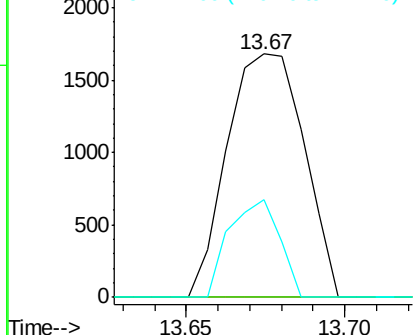
#46
 2,6-Dinitrotoluene
 Concen: 1.14 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.17 min
 Lab File: BM002073.D
 Acq: 27 Jul 2015 23:29

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-W

Tgt Ion:165 Resp: 2824
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 40.0 14.8 22.2#

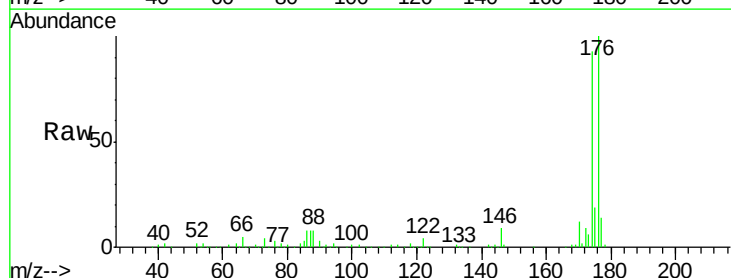


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

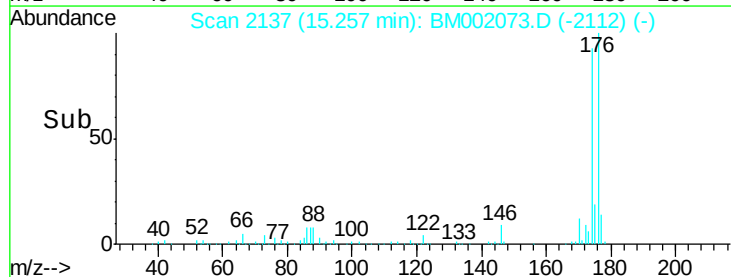
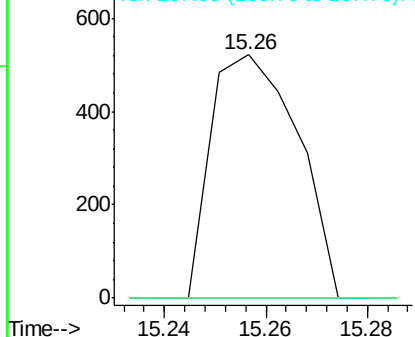


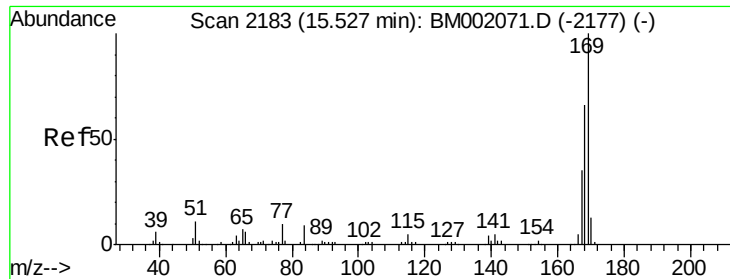
#59
 Fluorene
 Concen: 0.05 ng/ul
 RT: 15.26 min Scan# 2137
 Delta R.T. -0.05 min
 Lab File: BM002073.D
 Acq: 27 Jul 2015 23:29

Tgt Ion:166 Resp: 621
 Ion Ratio Lower Upper
 166 100
 165 0.0 75.6 113.4#
 167 0.0 10.5 15.7#



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

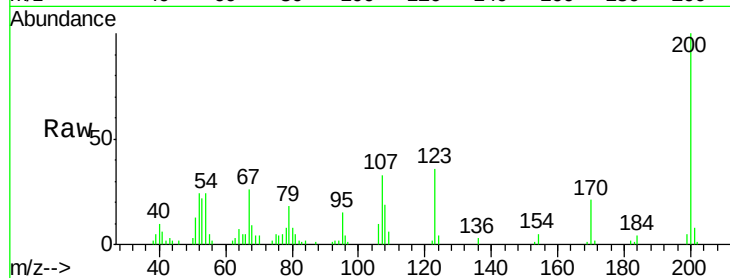




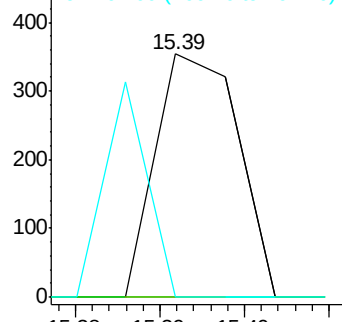
#65
N-Nitrosodiphenylamine
Concen: 0.02 ng/ul
RT: 15.39 min Scan# 2160
Delta R.T. -0.14 min
Lab File: BM002073.D
Acq: 27 Jul 2015 23:29

Instrument :
BNA_M
ClientSampleId :
MDL-01-W

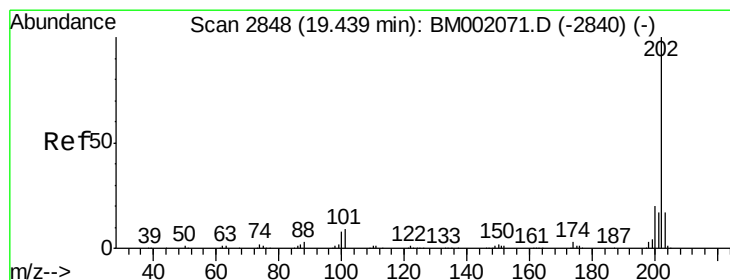
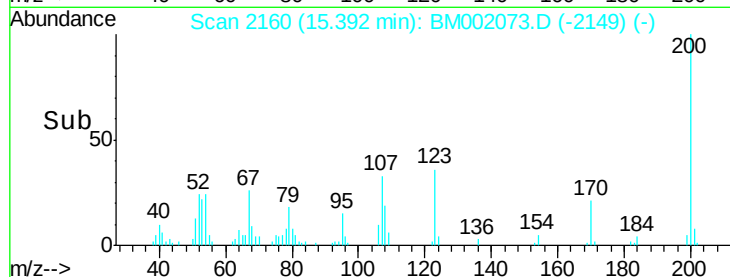
Tgt Ion:169 Resp: 238
Ion Ratio Lower Upper
169 100
168 0.0 52.6 79.0#
167 0.0 27.8 41.6#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

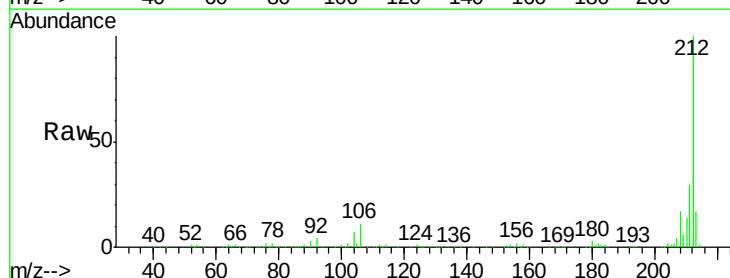


Time-->

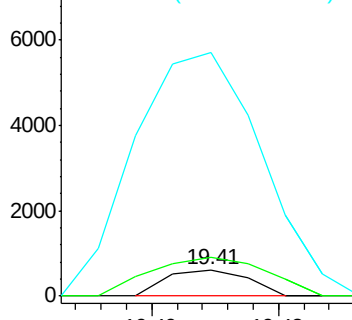


#80
Pyrene
Concen: 0.02 ng/ul
RT: 19.41 min Scan# 2843
Delta R.T. -0.03 min
Lab File: BM002073.D
Acq: 27 Jul 2015 23:29

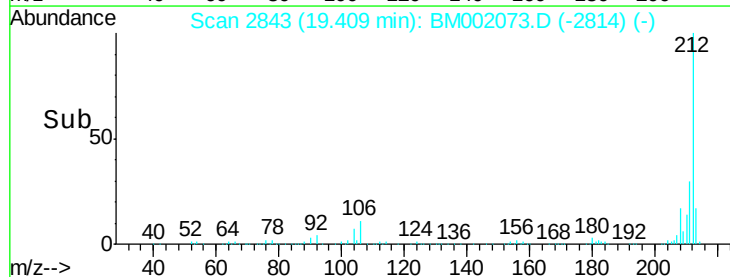
Tgt Ion:202 Resp: 552
Ion Ratio Lower Upper
202 100
101 148.1 7.4 11.2#
100 917.2 6.3 9.5#

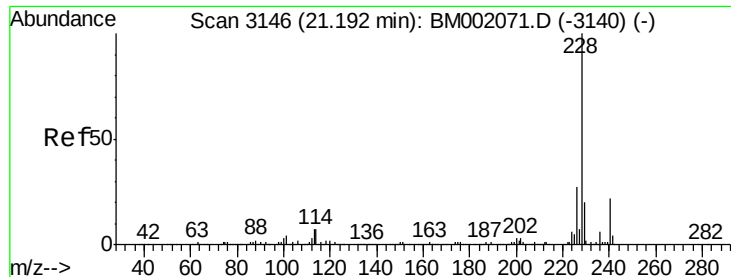


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.20 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

Instrument :

BNA_M

ClientSampleId :

MDL-01-W

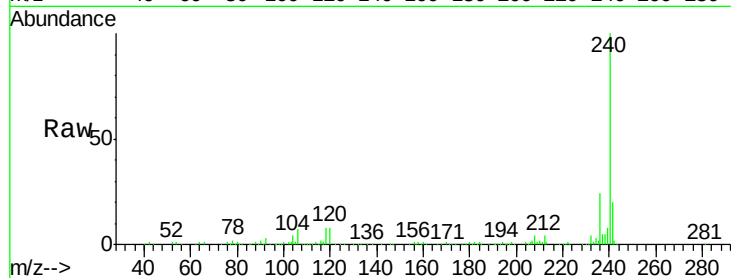
Tgt Ion: 228 Resp: 1042

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

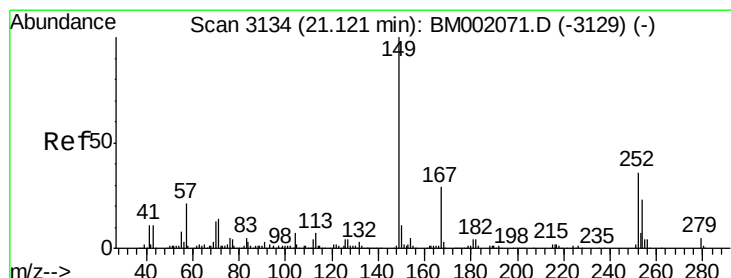
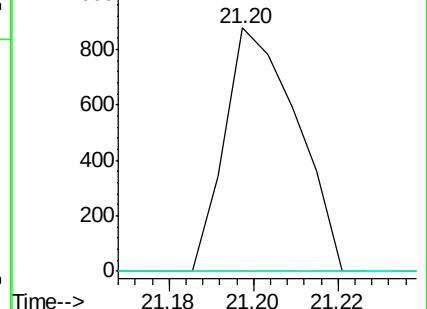
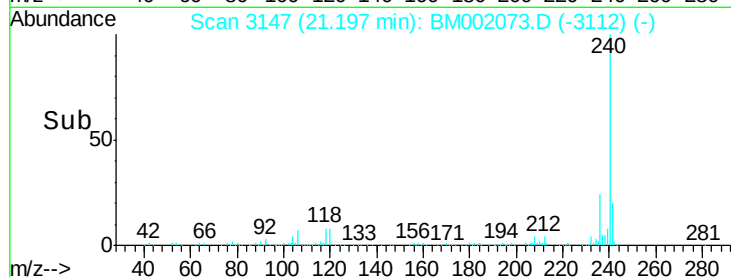
226 0.0 20.5 30.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.02 ng/ul

RT: 21.12 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

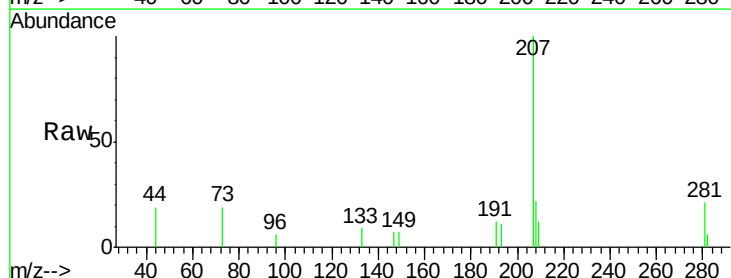
Tgt Ion: 149 Resp: 239

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

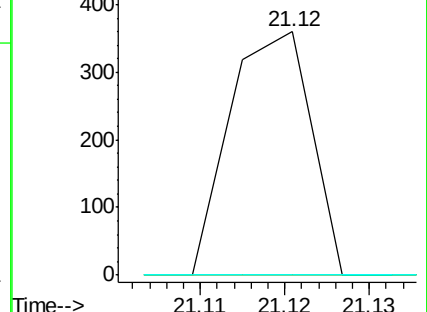
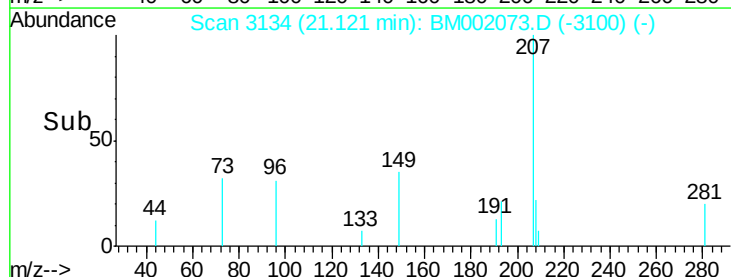
279 0.0 4.2 6.4#

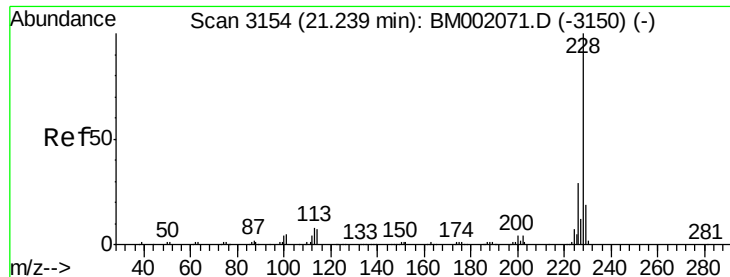


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.05 ng/ul

RT: 21.20 min Scan# 3147

Delta R.T. -0.04 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

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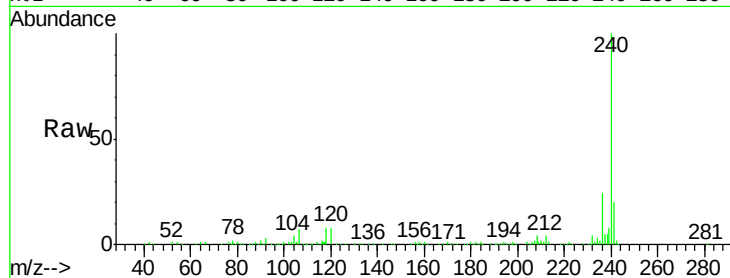
Tgt Ion:228 Resp: 1042

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

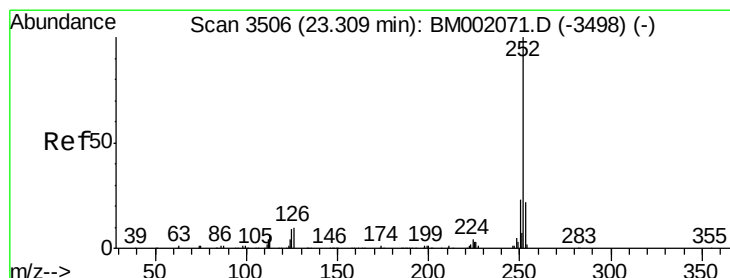
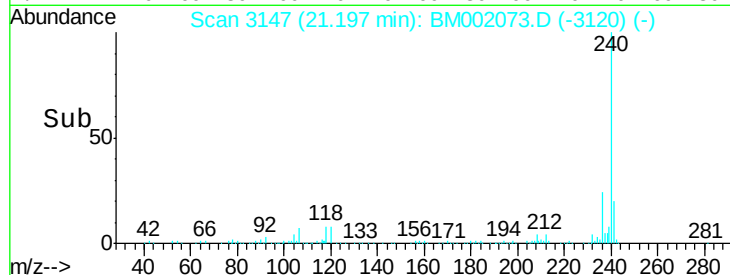
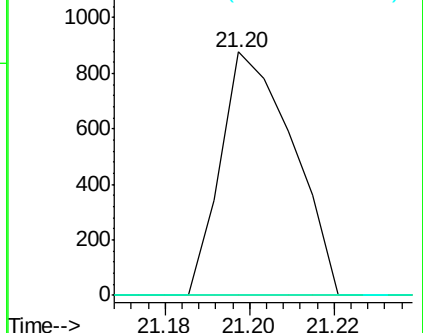
229 0.0 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#91

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.27 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BM002073.D

Acq: 27 Jul 2015 23:29

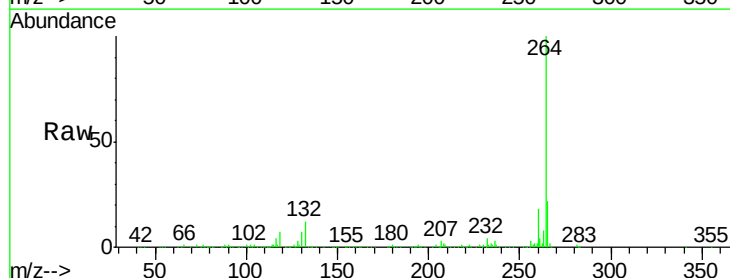
Tgt Ion:252 Resp: 1857

Ion Ratio Lower Upper

252 100

253 38.1 17.2 25.8#

125 0.0 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

