

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002076.D
 Acq On : 28 Jul 2015 01:19
 Operator : UM/HP
 Sample : MDL-04-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Quant Time: Jul 28 05:25:07 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	73043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	282685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	166925	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	373438	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	438836	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	447659	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	7875	5.58	ng/uL	0.00
5) Phenol-d5	6.77	99	147627	28.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	83286	28.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	130167	29.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	119351	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	59870	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	67434	30.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	123854	28.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	161511	34.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	380392	31.11	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	451066	29.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	57527	28.19	ng/ul	0.00
58) Fluorene-d10	15.26	176	325821	30.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	50126	21.94	ng/ul	0.00
71) Anthracene-d10	17.11	188	522815	31.36	ng/ul	0.00
79) Pyrene-d10	19.41	212	590120	31.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	691666	31.87	ng/ul	0.00

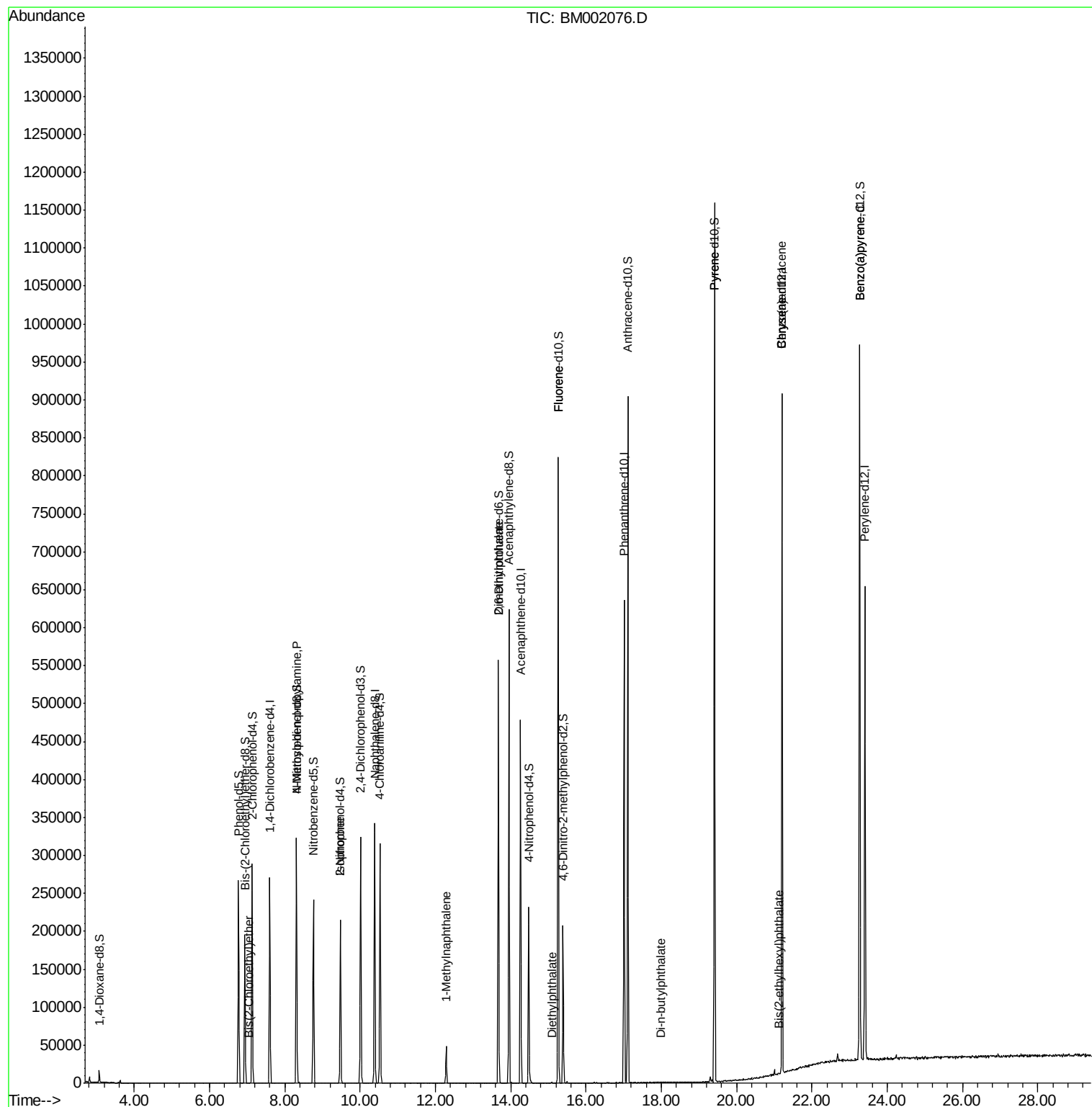
Target Compounds				Qvalue		
8) Bis(2-Chloroethyl)ether	7.03	93	420	0.10	ng/ul#	26
15) N-Nitroso-di-n-propylamine	8.30	70	2829	0.89	ng/ul#	1
21) Isophorone	9.47	82	5724	0.68	ng/ul#	63
35) 1-Methylnaphthalene	12.28	142	23699	2.52	ng/ul	95
46) 2,6-Dinitrotoluene	13.67	165	2923	1.18	ng/ul#	38
57) Diethylphthalate	15.09	149	358	0.03	ng/ul#	58
59) Fluorene	15.26	166	523	0.04	ng/ul#	10
76) Di-n-butylphthalate	17.97	149	269	0.01	ng/ul#	79
80) Pyrene	19.41	202	472	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	1045	0.04	ng/ul#	53
84) Bis(2-ethylhexyl)phthalate	21.11	149	241	0.02	ng/ul#	51
85) Chrysene	21.20	228	1045	0.05	ng/ul#	51
91) Benzo(a)pyrene	23.27	252	1898	0.08	ng/ul#	55

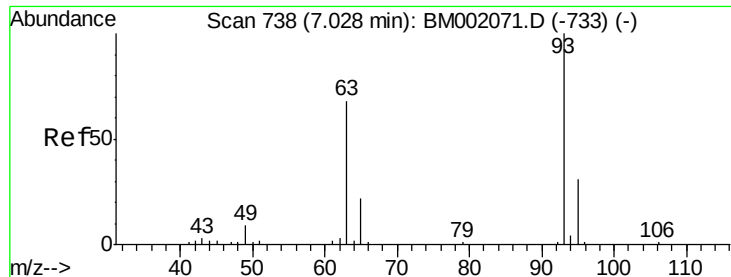
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
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Acq On : 28 Jul 2015 01:19
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Quant Time: Jul 28 05:25:07 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 05:22:14 2015
Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 0.10 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

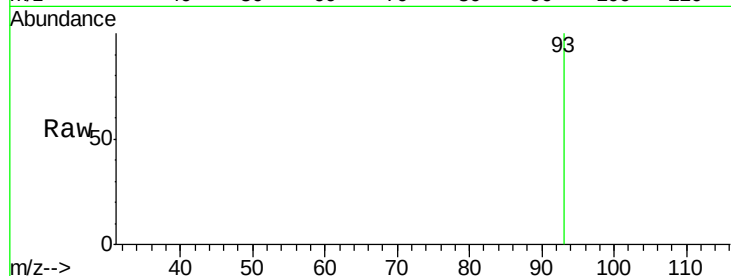
Tgt Ion: 93 Resp: 420

Ion Ratio Lower Upper

93 100

63 0.0 51.5 77.3#

95 0.0 27.0 40.4#

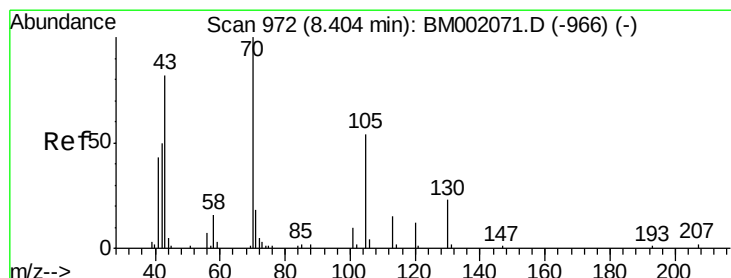
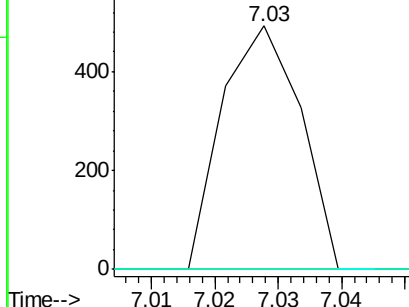
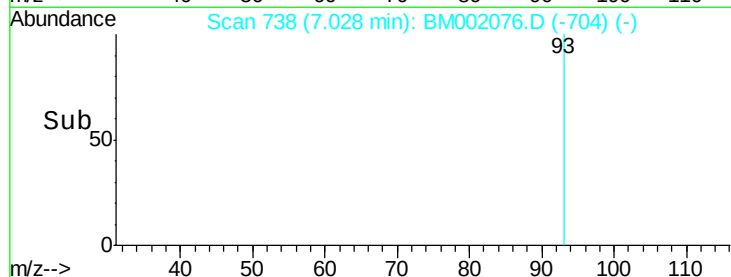


Abundance Ion 93.00 (92.70 to 93.70): BM002071.D (-733) (-)

Ion 63.00 (62.70 to 63.70): BM002071.D (-733) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-733) (-)

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 0.89 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Tgt Ion: 70 Resp: 2829

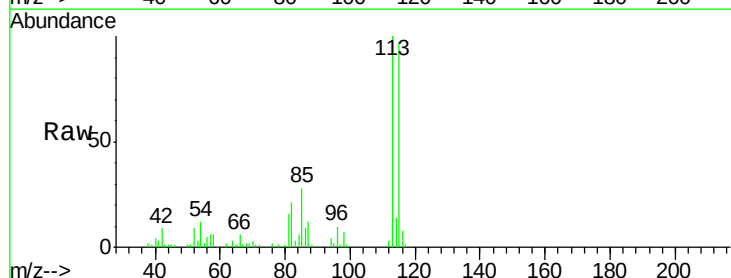
Ion Ratio Lower Upper

70 100

42 307.5 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



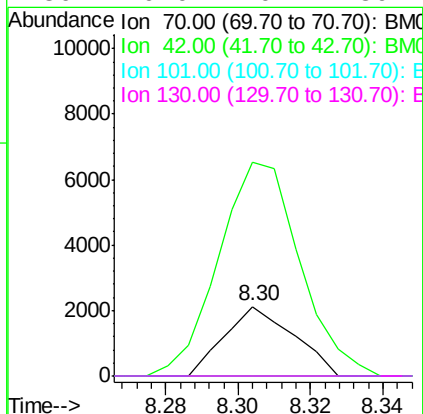
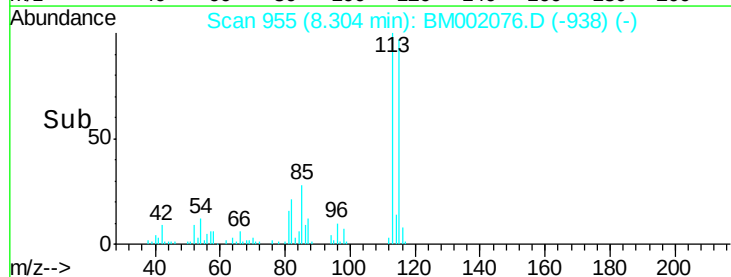
Abundance Ion 70.00 (69.70 to 70.70): BM002071.D (-966) (-)

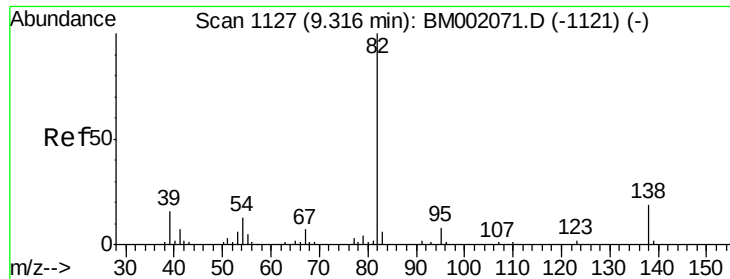
Ion 42.00 (41.70 to 42.70): BM002071.D (-966) (-)

Ion 101.00 (100.70 to 101.70): BM002071.D (-966) (-)

Ion 130.00 (129.70 to 130.70): BM002071.D (-966) (-)

Time-->





#21

Isophorone

Concen: 0.68 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Instrument :

BNA_M

ClientSampleID :

MDL-04-W

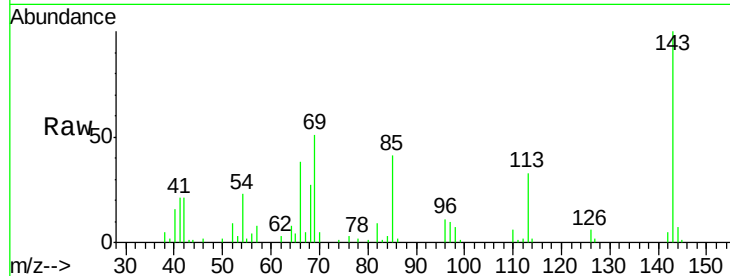
Tgt Ion: 82 Resp: 5724

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 15.4 23.2#

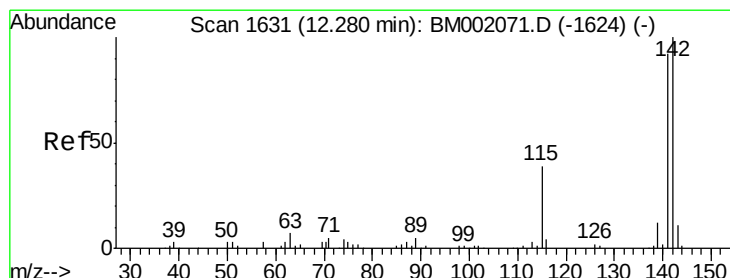
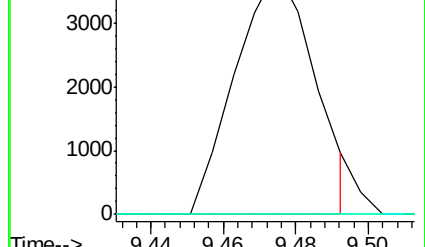
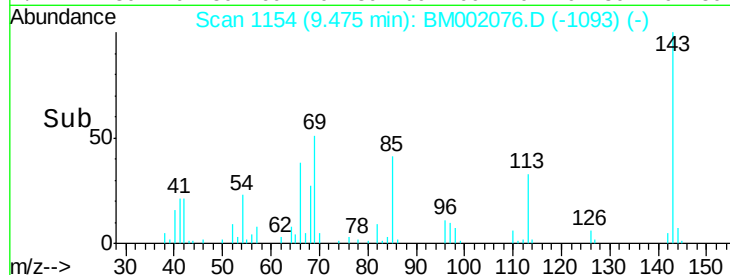


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM002071.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM002071.D (-1121) (-)

Time-->



#35

1-Methylnaphthalene

Concen: 2.52 ng/ul

RT: 12.28 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

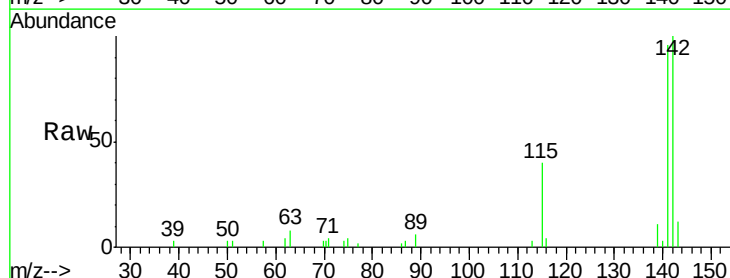
Tgt Ion: 142 Resp: 23699

Ion Ratio Lower Upper

142 100

141 95.5 72.4 108.6

116 4.1 3.2 4.8

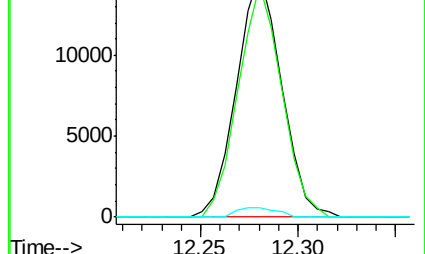
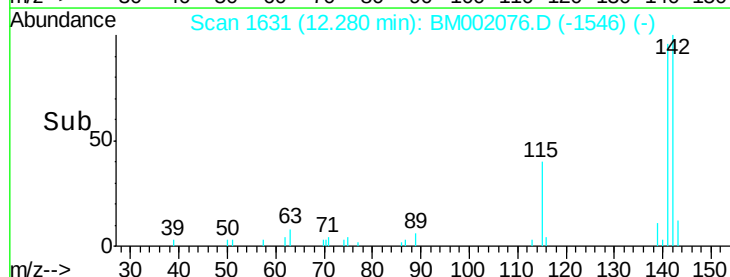


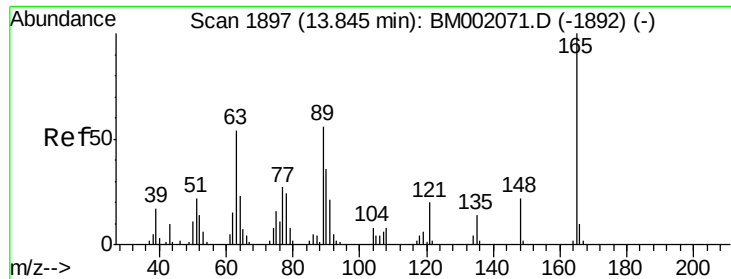
Abundance Ion 142.00 (141.70 to 142.70): BM002071.D (-1624) (-)

Ion 141.00 (140.70 to 141.70): BM002071.D (-1624) (-)

Ion 116.00 (115.70 to 116.70): BM002071.D (-1624) (-)

Time-->

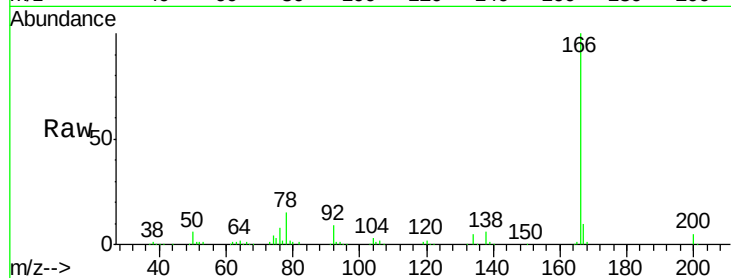




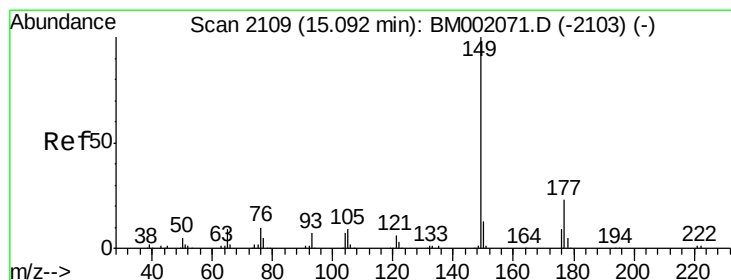
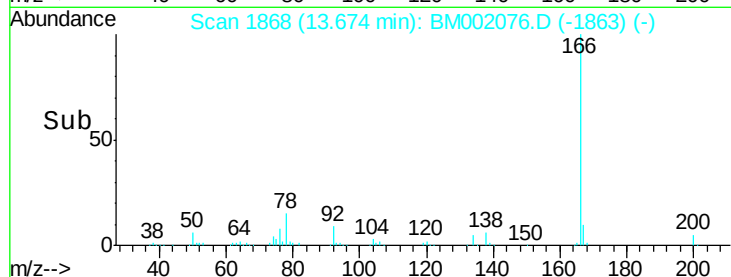
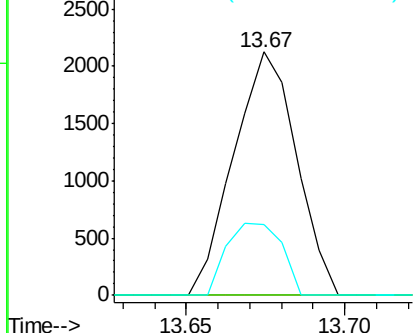
#46
 2,6-Dinitrotoluene
 Concen: 1.18 ng/ul
 RT: 13.67 min Scan# 1868
 Delta R.T. -0.17 min
 Lab File: BM002076.D
 Acq: 28 Jul 2015 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion:165 Resp: 2923
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 29.3 14.8 22.2#

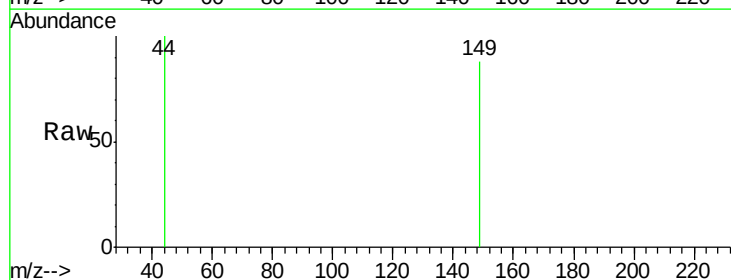


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM002071.D (-1892) (-)
 Ion 121.00 (120.70 to 121.70): E

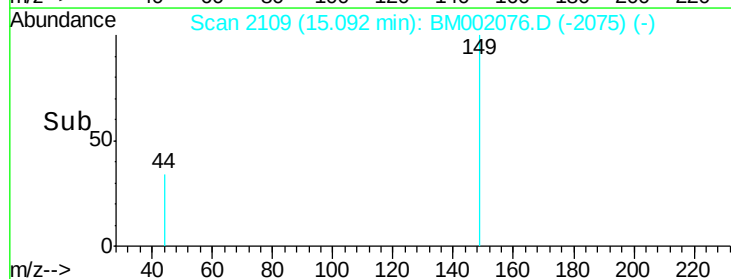
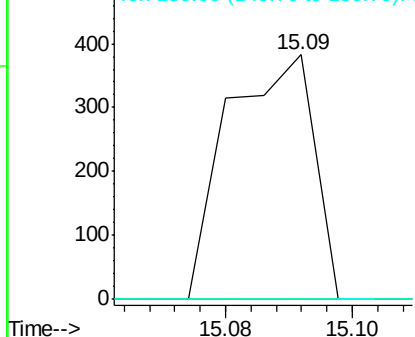


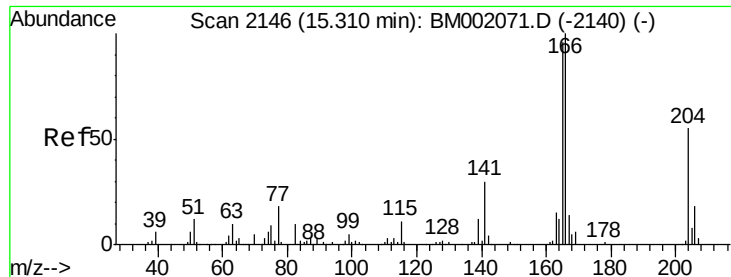
#57
 Diethylphthalate
 Concen: 0.03 ng/ul
 RT: 15.09 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BM002076.D
 Acq: 28 Jul 2015 01:19

Tgt Ion:149 Resp: 358
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.4 27.6#
 150 0.0 10.1 15.1#



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





#59

Fluorene

Concen: 0.04 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

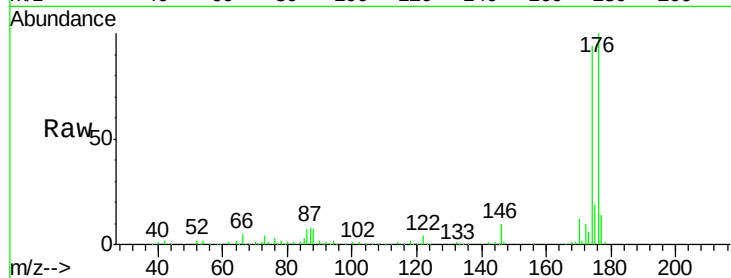
Tgt Ion:166 Resp: 523

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

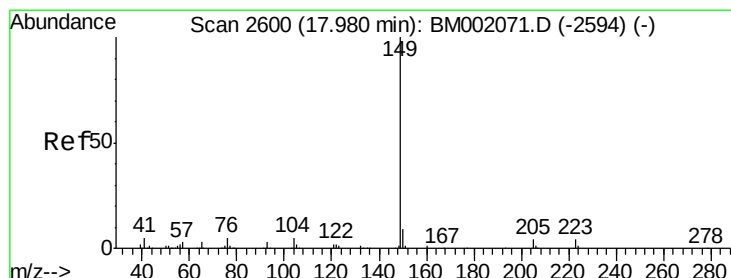
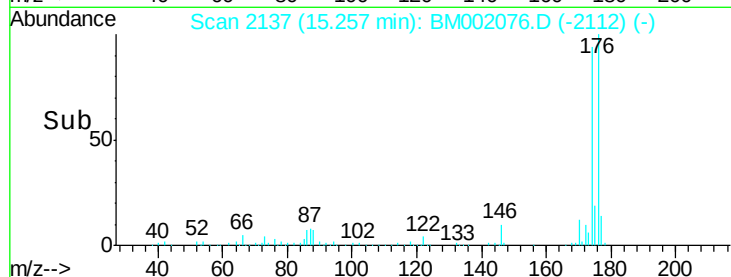
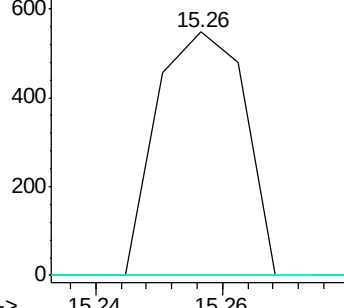
167 0.0 10.5 15.7#



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



#76

Di-n-butylphthalate

Concen: 0.01 ng/ul

RT: 17.97 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

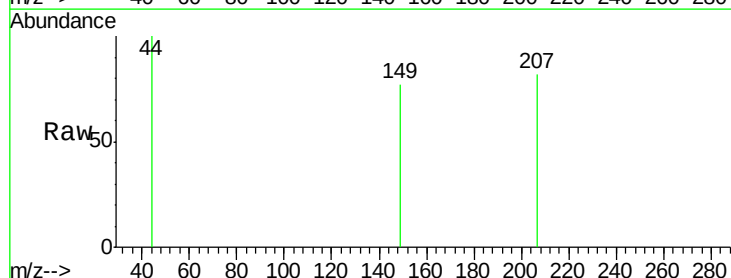
Tgt Ion:149 Resp: 269

Ion Ratio Lower Upper

149 100

150 0.0 7.0 10.4#

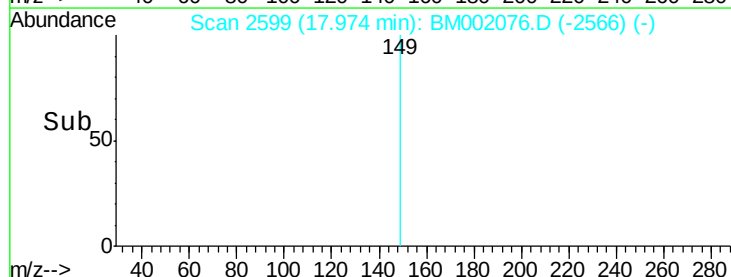
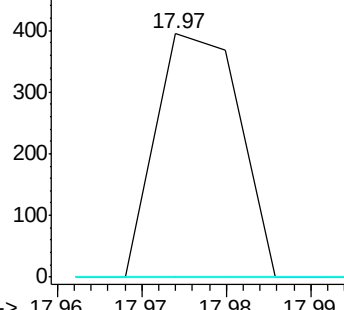
104 0.0 4.2 6.2#

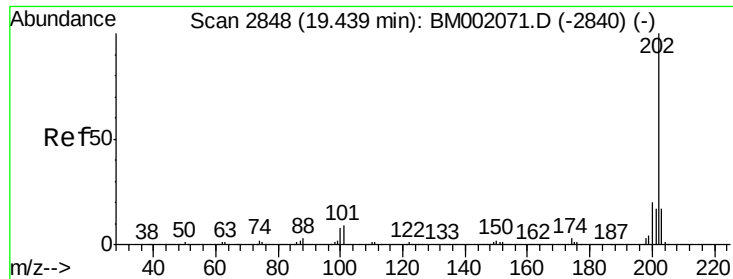


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

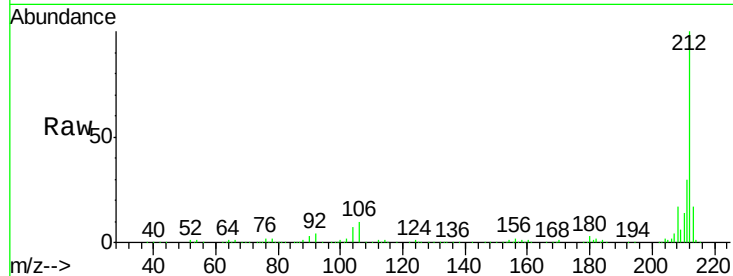




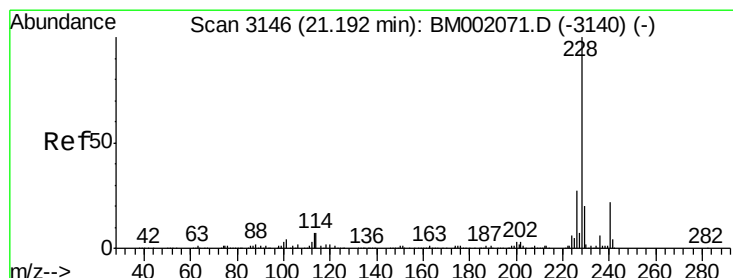
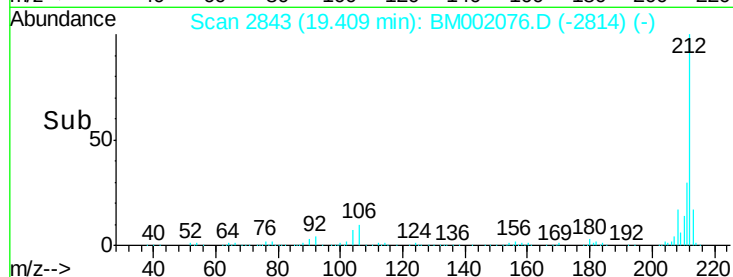
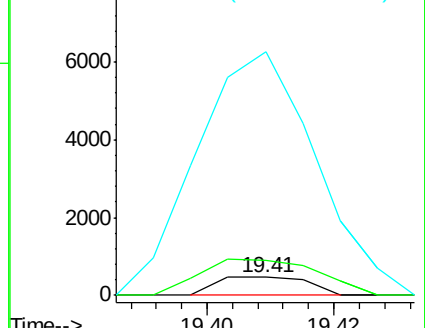
#80
 Pyrene
 Concen: 0.02 ng/ul
 RT: 19.41 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BM002076.D
 Acq: 28 Jul 2015 01:19

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-W

Tgt Ion:202 Resp: 472
 Ion Ratio Lower Upper
 202 100
 101 192.7 7.4 11.2#
 100 1343.1 6.3 9.5#

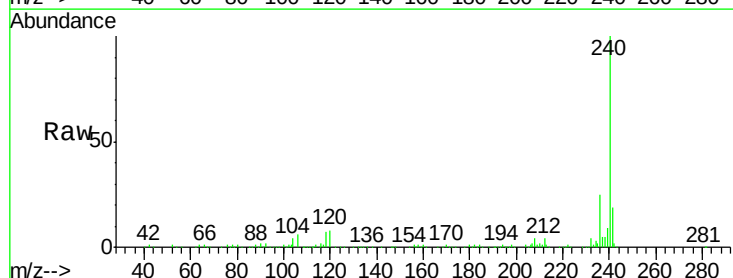


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

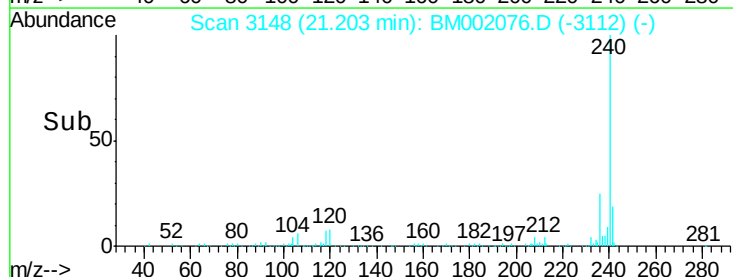
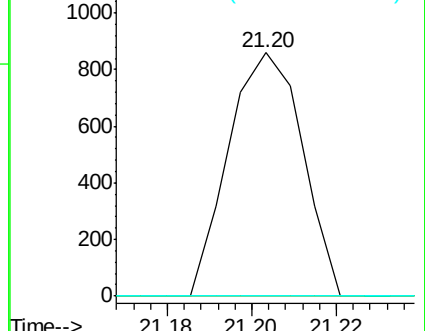


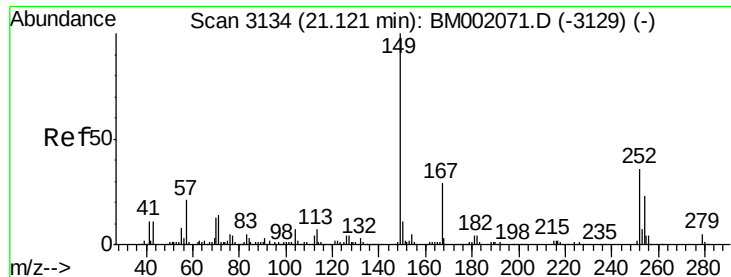
#83
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.20 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: BM002076.D
 Acq: 28 Jul 2015 01:19

Tgt Ion:228 Resp: 1045
 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: 21.11 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

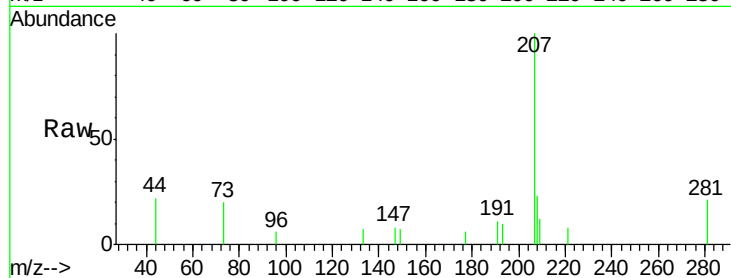
Tgt Ion:149 Resp: 241

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

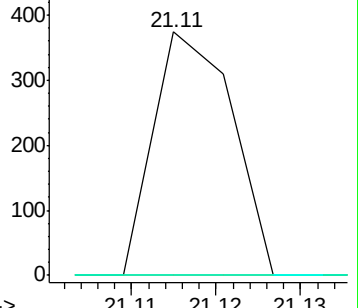
279 0.0 4.2 6.4#



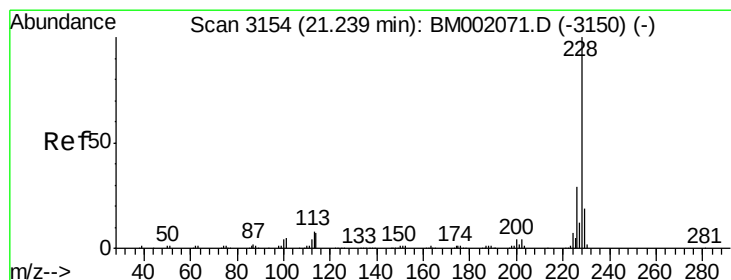
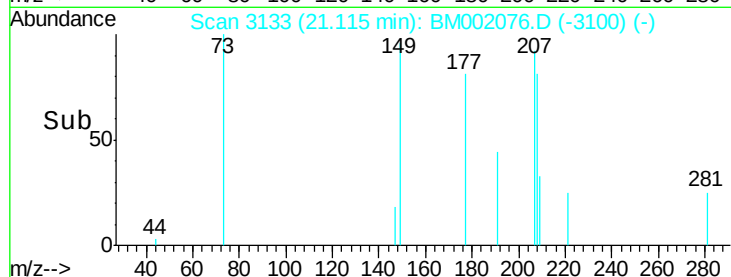
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Chrysene

Concen: 0.05 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

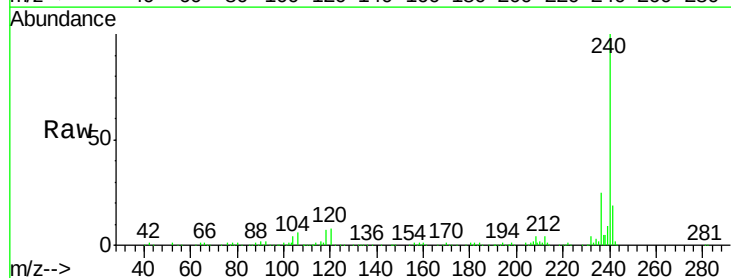
Tgt Ion:228 Resp: 1045

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

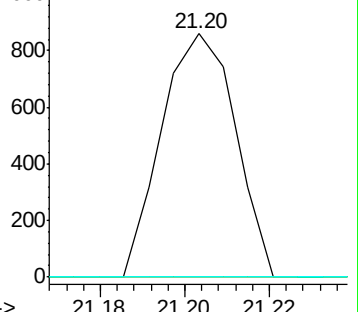
229 0.0 15.5 23.3#



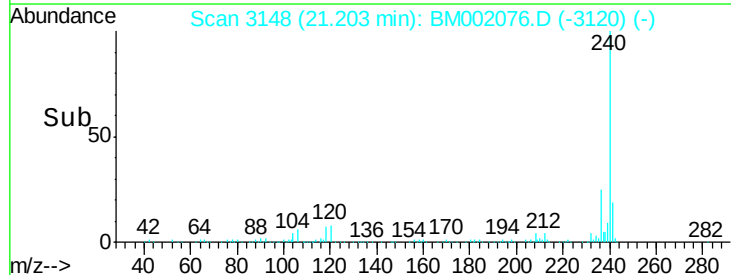
Abundance Ion 228.00 (227.70 to 228.70): E

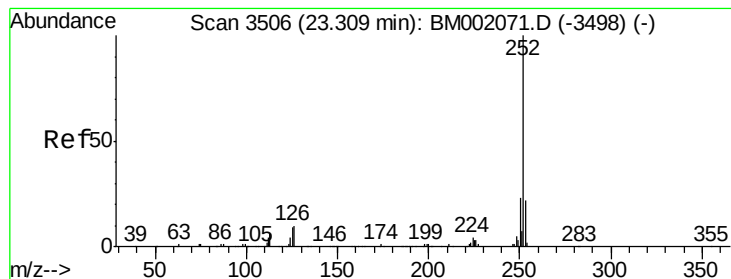
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#91

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.27 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BM002076.D

Acq: 28 Jul 2015 01:19

Instrument :

BNA_M

ClientSampleId :

MDL-04-W

Tgt Ion:252 Resp: 1898

Ion Ratio Lower Upper

252 100

253 46.4 17.2 25.8#

125 0.0 6.6 10.0#

