

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002074.D
 Acq On : 28 Jul 2015 00:06
 Operator : UM/HP
 Sample : MDL-02-W
 Misc : MDL-WATER-SVOC-4PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Quant Time: Jul 28 05:24:39 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	75472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	285017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	166397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	372686	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	435977	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	441534	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	8018	5.50	ng/uL	0.00
5) Phenol-d5	6.77	99	141012	26.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	81454	27.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	125135	27.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	113783	26.53	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	57186	28.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	65623	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	117166	27.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	155551	32.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	354241	29.06	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	429906	28.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	53318	26.21	ng/ul	0.00
58) Fluorene-d10	15.26	176	306628	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	45312	19.88	ng/ul	0.00
71) Anthracene-d10	17.10	188	486551	29.25	ng/ul	0.00
79) Pyrene-d10	19.41	212	541657	29.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	628066	29.34	ng/ul	0.00

Target Compounds

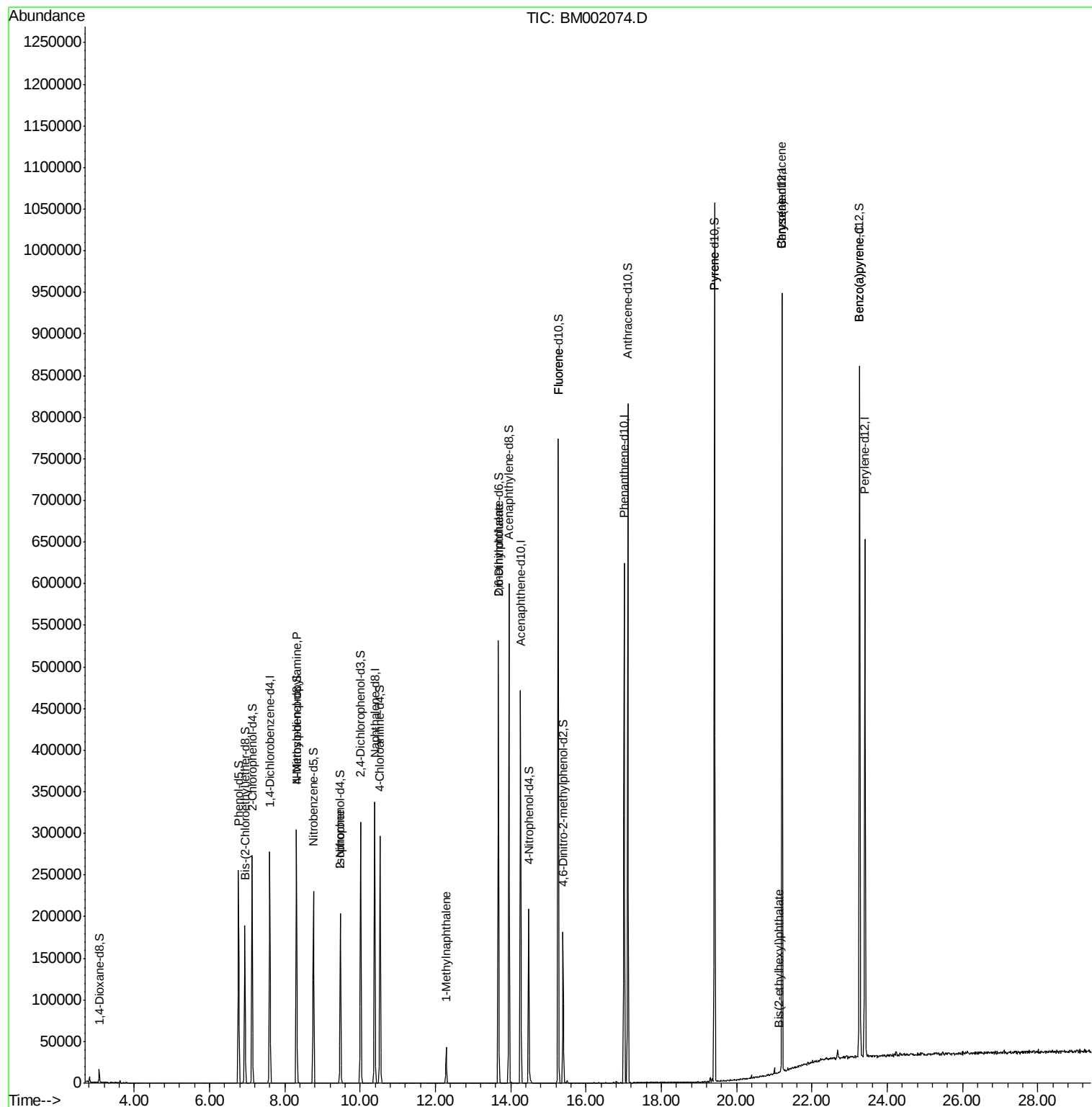
						Qvalue
15) N-Nitroso-di-n-propylamine	8.30	70	2624	0.80	ng/ul#	1
21) Isophorone	9.47	82	5717	0.67	ng/ul#	70
35) 1-Methylnaphthalene	12.28	142	21676	2.29	ng/ul	90
46) 2,6-Dinitrotoluene	13.68	165	2761	1.12	ng/ul#	34
59) Fluorene	15.26	166	492	0.04	ng/ul#	10
80) Pyrene	19.40	202	454	0.02	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	989	0.04	ng/ul#	53
84) Bis(2-ethylhexyl)phthalate	21.12	149	316	0.02	ng/ul#	51
85) Chrysene	21.20	228	989	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	1801	0.08	ng/ul#	63

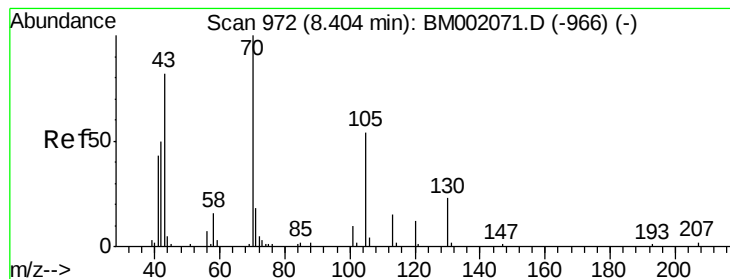
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002074.D
Acq On : 28 Jul 2015 00:06
Operator : UM/HP
Sample : MDL-02-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-W

Quant Time: Jul 28 05:24:39 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





#15

N-Nitroso-di-n-propylamine

Concen: 0.80 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

Tgt Ion: 70 Resp: 2624

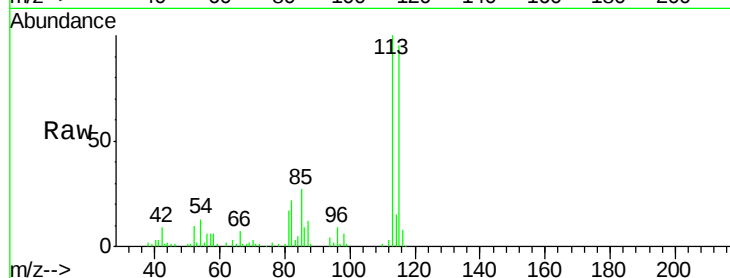
Ion Ratio Lower Upper

70 100

42 333.7 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



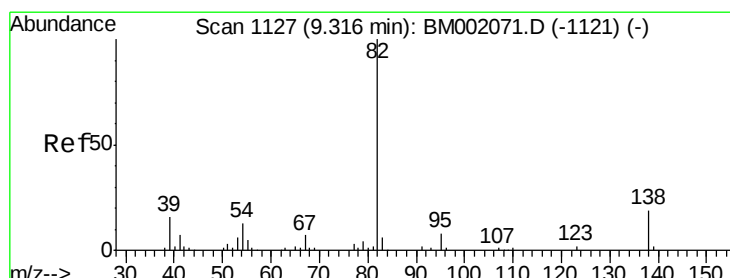
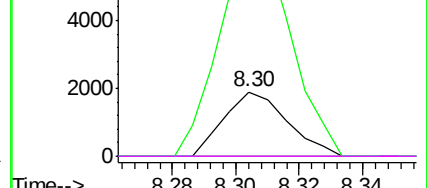
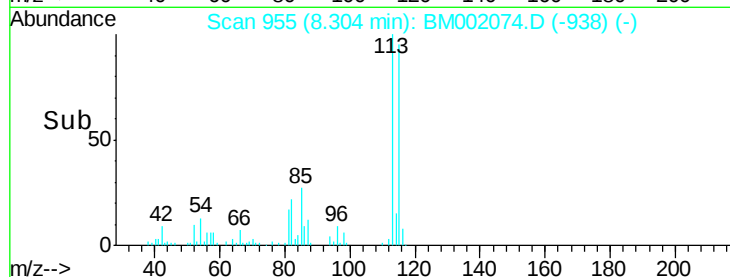
Abundance Ion 70.00 (69.70 to 70.70): BM002071.D (-966) (-)

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: 0.67 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

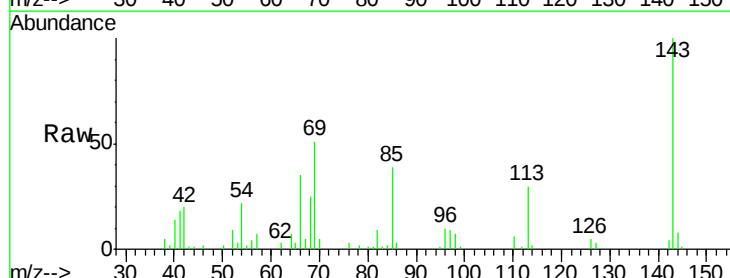
Tgt Ion: 82 Resp: 5717

Ion Ratio Lower Upper

82 100

95 8.1 6.5 9.7

138 0.0 15.4 23.2#

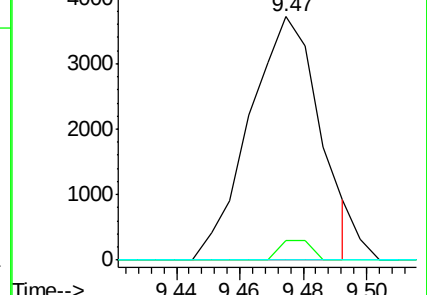
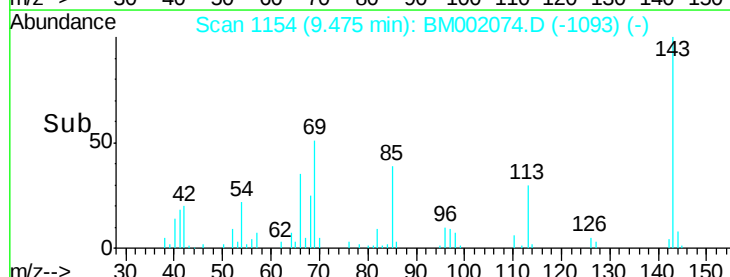


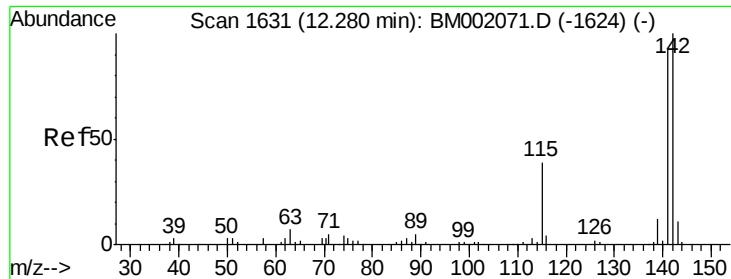
Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)

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

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

Time-->

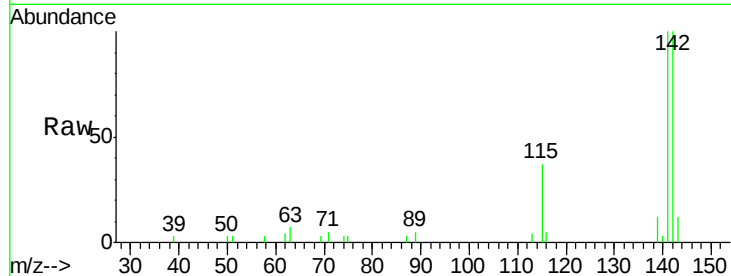




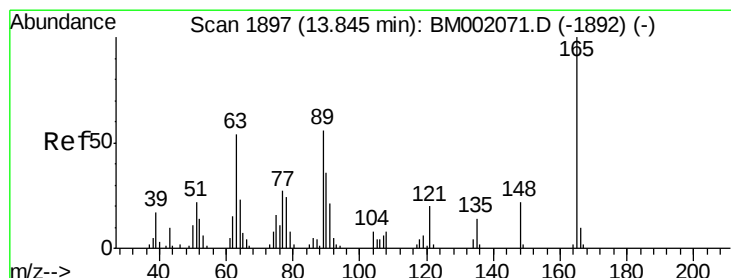
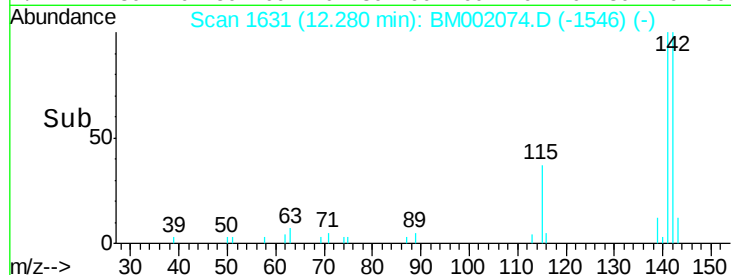
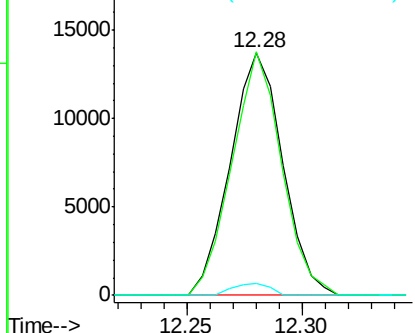
#35
 1-Methylnaphthalene
 Concen: 2.29 ng/ul
 RT: 12.28 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: BM002074.D
 Acq: 28 Jul 2015 00:06

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-W

Tgt Ion:142 Resp: 21676
 Ion Ratio Lower Upper
 142 100
 141 100.3 72.4 108.6
 116 4.8 3.2 4.8

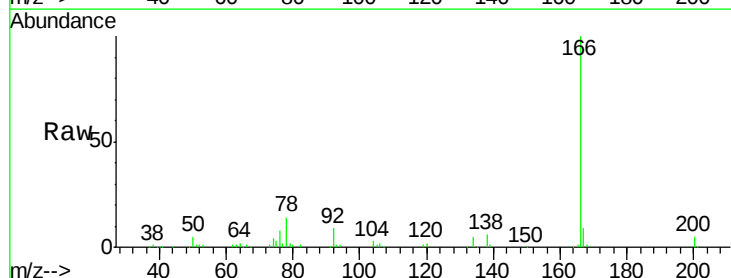


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

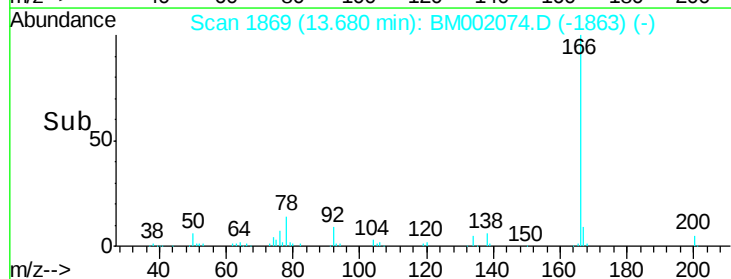
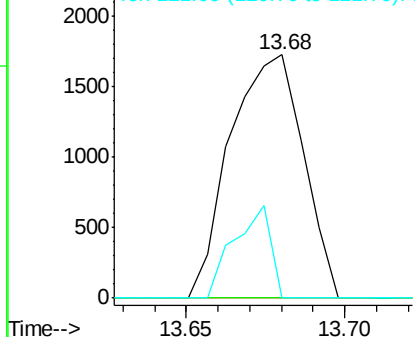


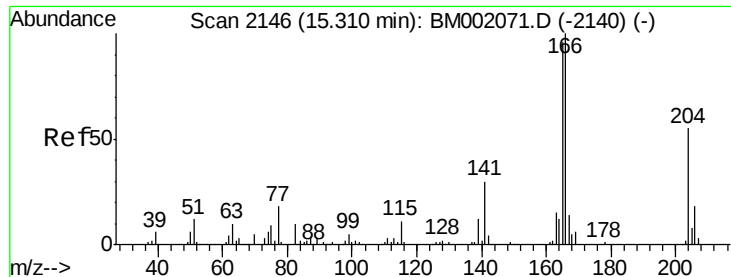
#46
 2,6-Dinitrotoluene
 Concen: 1.12 ng/ul
 RT: 13.68 min Scan# 1869
 Delta R.T. -0.16 min
 Lab File: BM002074.D
 Acq: 28 Jul 2015 00:06

Tgt Ion:165 Resp: 2761
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.7 64.1#
 121 0.0 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: 0.04 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

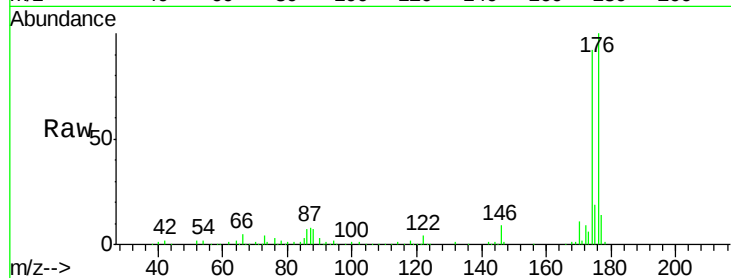
Tgt Ion:166 Resp: 492

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

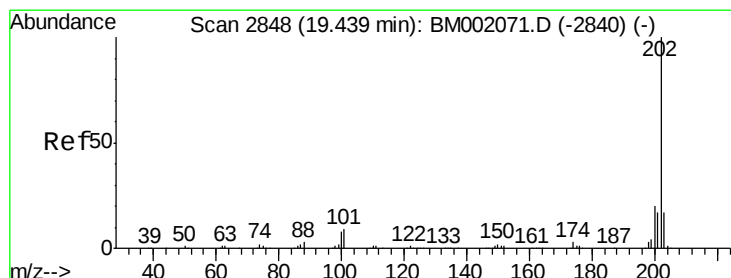
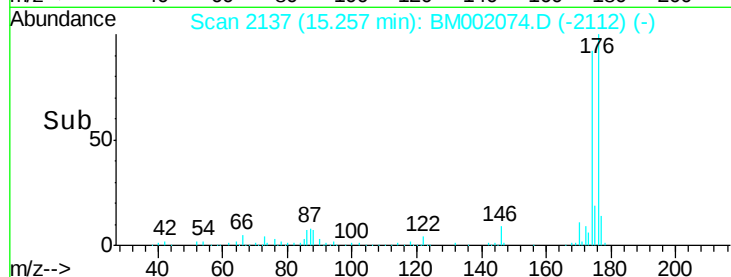
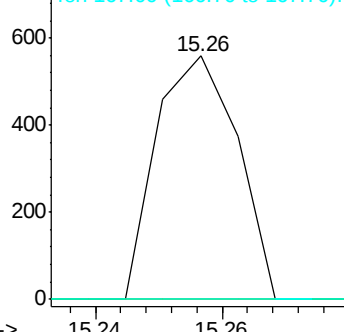
167 0.0 10.5 15.7#



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



#80

Pyrene

Concen: 0.02 ng/ul

RT: 19.40 min Scan# 2842

Delta R.T. -0.04 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

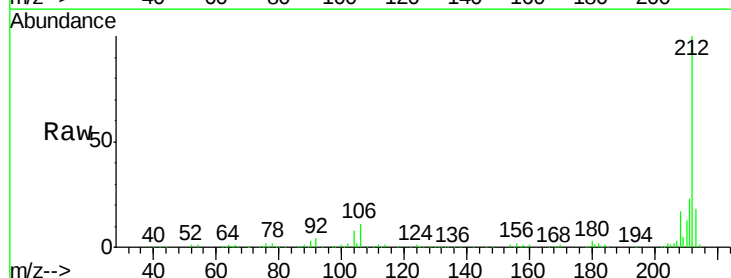
Tgt Ion:202 Resp: 454

Ion Ratio Lower Upper

202 100

101 143.3 7.4 11.2#

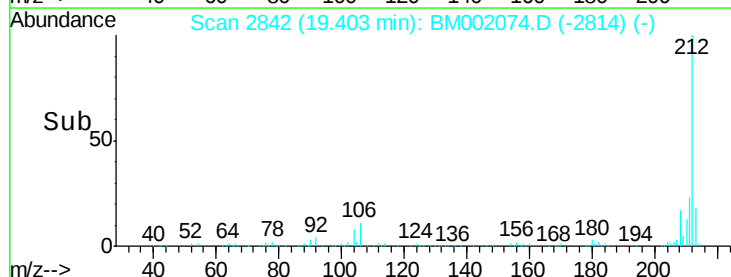
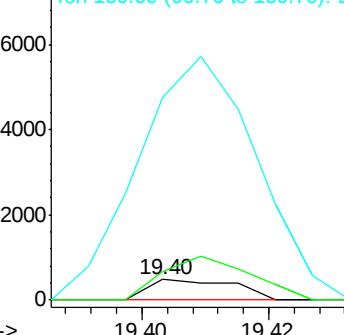
100 1000.4 6.3 9.5#

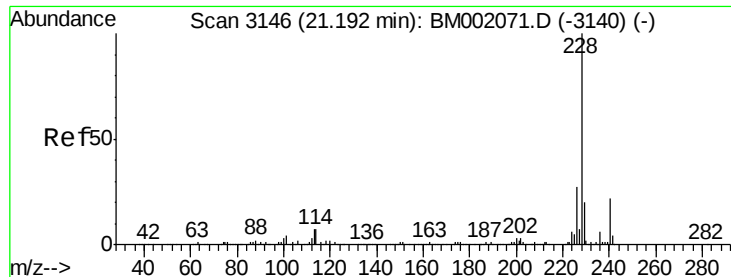


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM002074.D

Acq: 28 Jul 2015 00:06

Instrument :

BNA_M

ClientSampled :

MDL-02-W

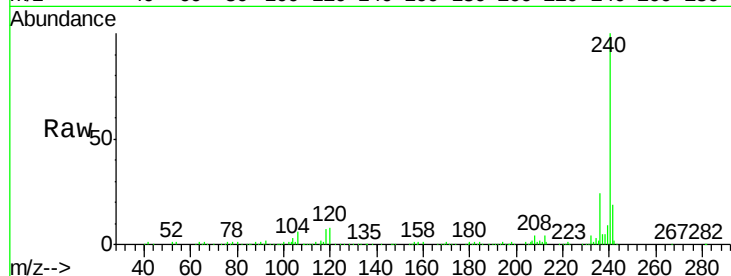
Tgt Ion:228 Resp: 989

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

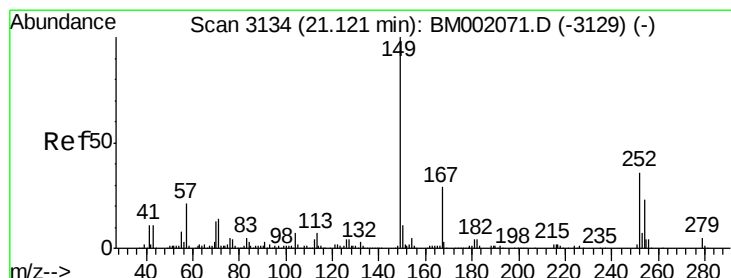
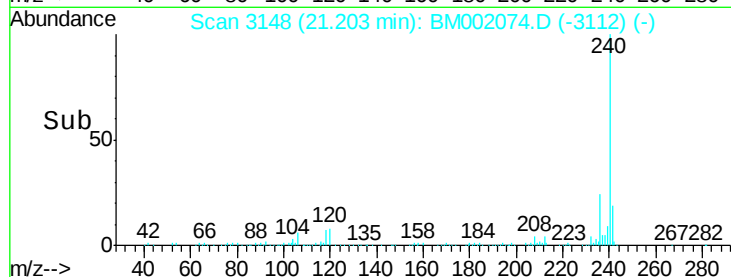
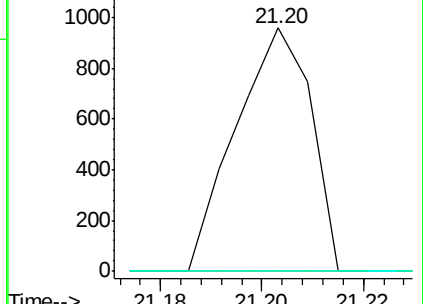
226 0.0 20.5 30.7#



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: BM002074.D

Acq: 28 Jul 2015 00:06

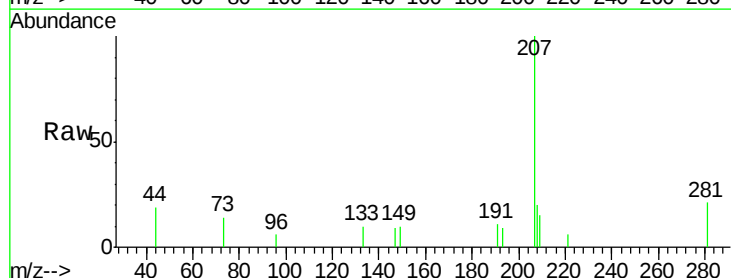
Tgt Ion:149 Resp: 316

Ion Ratio Lower Upper

149 100

167 0.0 23.6 35.4#

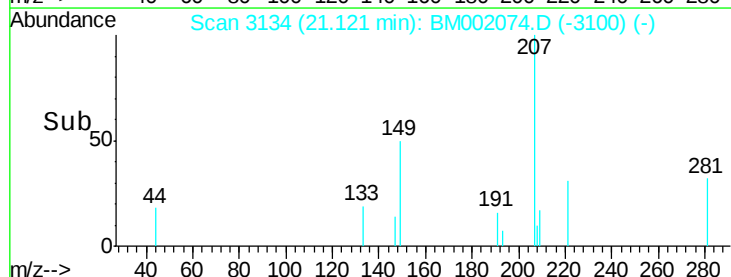
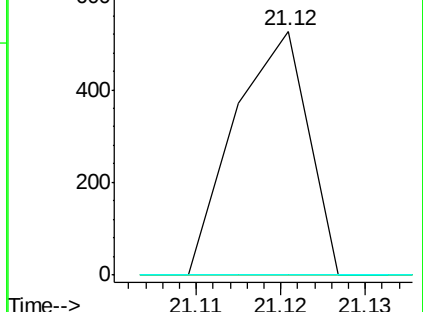
279 0.0 4.2 6.4#

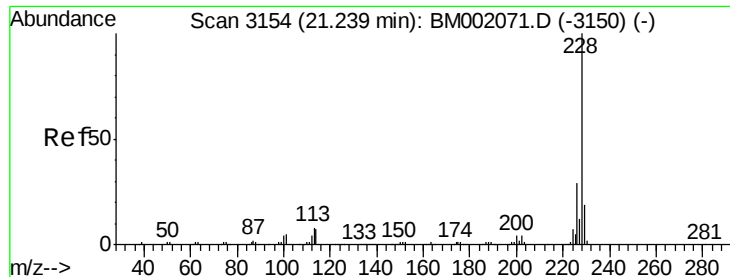


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.04 ng/u1

RT: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

Instrument :

BNA_M

ClientSampleId :

MDL-02-W

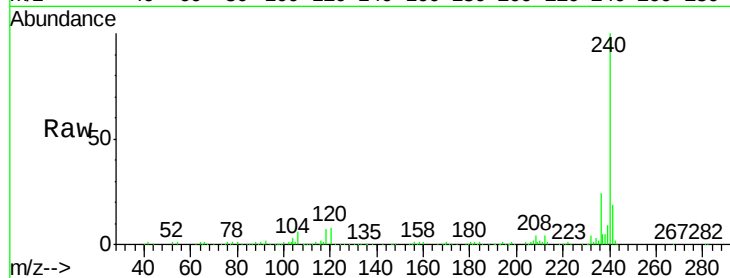
Tgt Ion:228 Resp: 989

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

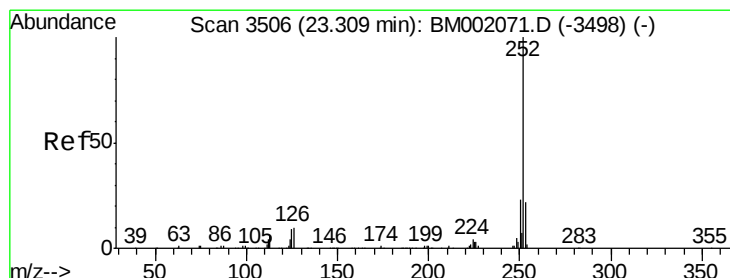
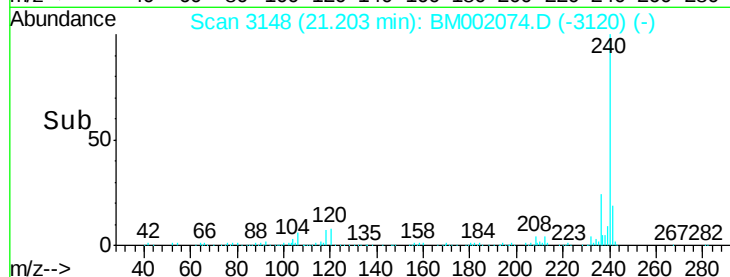
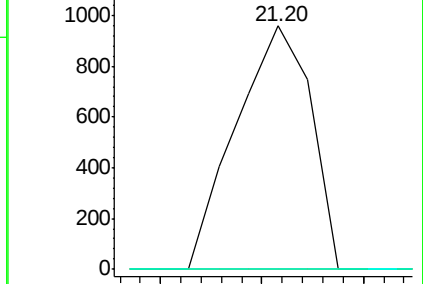
229 0.0 15.5 23.3#



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/u1

RT: 23.26 min Scan# 3498

Delta R.T. -0.05 min

Lab File: BM002074.D

Acq: 28 Jul 2015 00:06

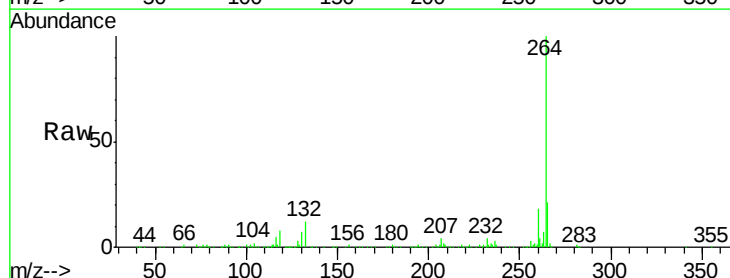
Tgt Ion:252 Resp: 1801

Ion Ratio Lower Upper

252 100

253 33.6 17.2 25.8#

125 32.3 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

