

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002083.D
 Acq On : 28 Jul 2015 06:09
 Operator : UM/HP
 Sample : MDL-03-S-ML
 Misc : MDL-SOIL-SVOC-MED LEVEL-4PPM
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Quant Time: Jul 28 07:20:54 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	53384	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	205137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	119259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	269421	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	317325	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	329408	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	6340	6.14	ng/uL	0.00
5) Phenol-d5	6.77	99	111199	29.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	63530	30.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	98134	30.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	89671	29.56	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	44232	30.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	50062	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	93583	29.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	123354	35.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	283739	32.48	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	344859	31.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	39875	27.35	ng/ul	0.00
58) Fluorene-d10	15.25	176	247179	32.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	35282	21.41	ng/ul	0.00
71) Anthracene-d10	17.10	188	391536	32.56	ng/ul	0.00
79) Pyrene-d10	19.40	212	437648	32.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	515796	32.30	ng/ul	0.00

Target Compounds

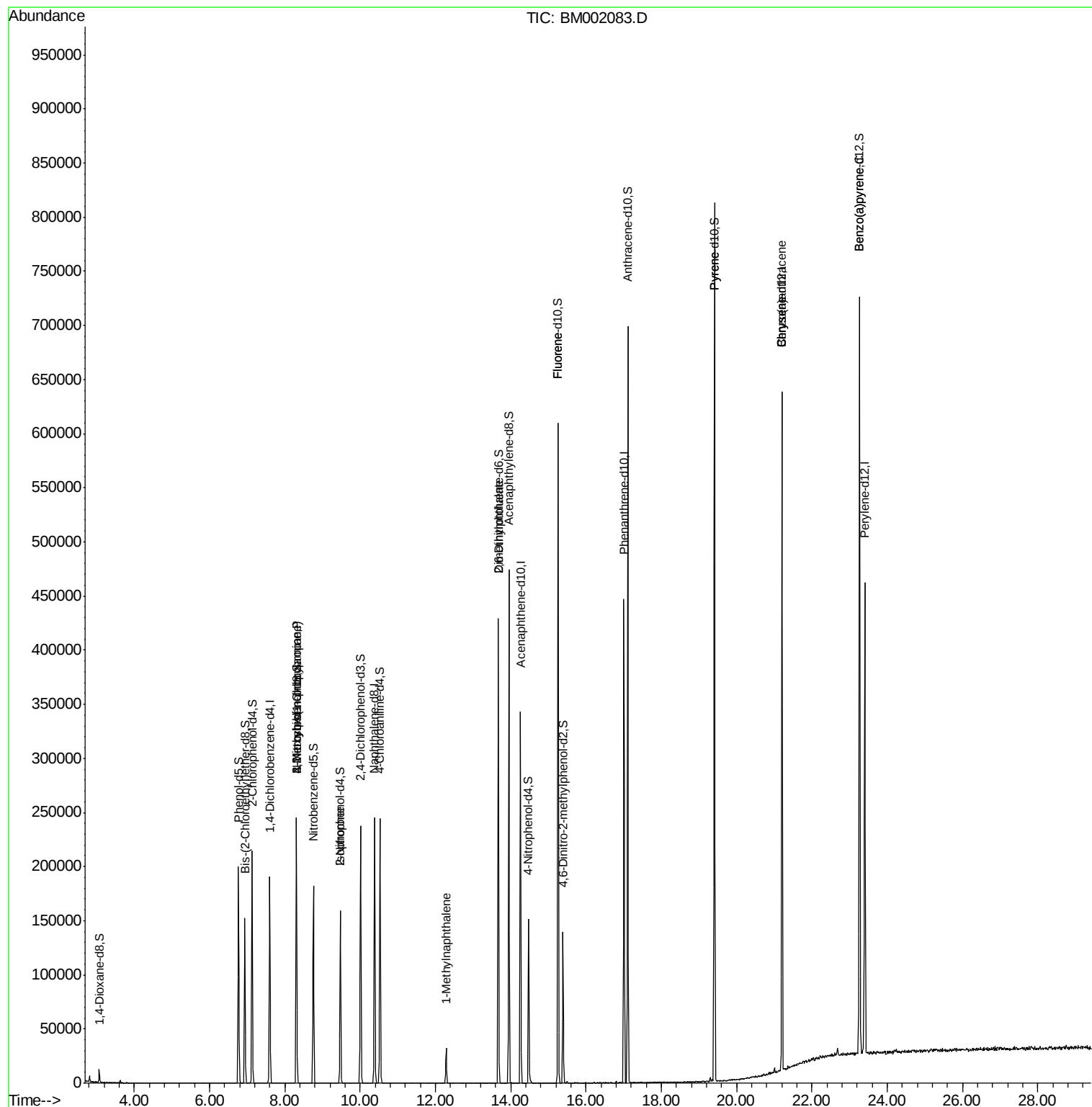
						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.30	45	253	0.08	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	2114	0.91	ng/ul#	1
21) Isophorone	9.47	82	4170	0.68	ng/ul#	63
35) 1-Methylnaphthalene	12.28	142	17528	2.57	ng/ul	96
46) 2,6-Dinitrotoluene	13.67	165	2054	1.16	ng/ul#	30
59) Fluorene	15.25	166	262	0.03	ng/ul#	10
80) Pyrene	19.41	202	435	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	532	0.03	ng/ul#	53
85) Chrysene	21.20	228	532	0.03	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	1359	0.08	ng/ul#	61

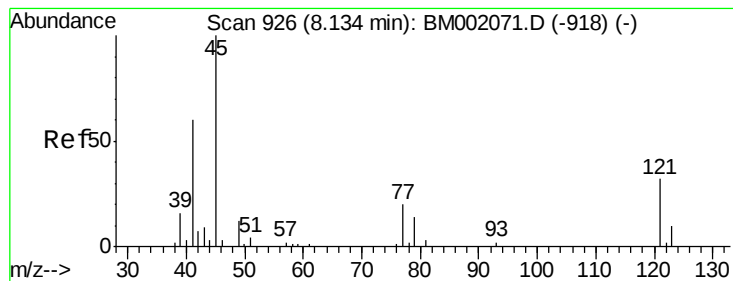
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002083.D
Acq On : 28 Jul 2015 06:09
Operator : UM/HP
Sample : MDL-03-S-ML
Misc : MDL-SOIL-SVOC-MED LEVEL-4PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Quant Time: Jul 28 07:20:54 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





#12

2,2'-oxybis(1-Chloropropane)

Concen: 0.08 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.17 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

Instrument :

BNA_M

ClientSampled :

MDL-03-S-ML

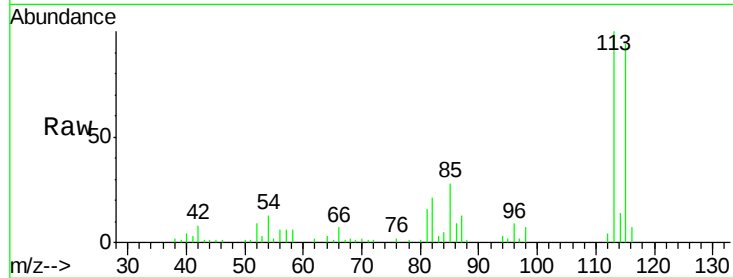
Tgt Ion: 45 Resp: 253

Ion Ratio Lower Upper

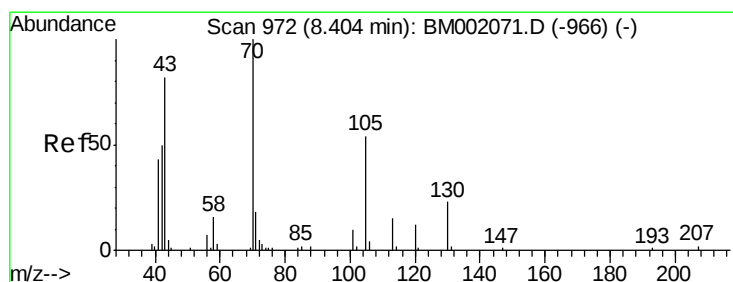
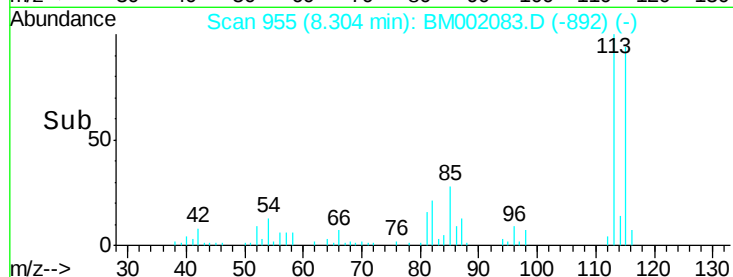
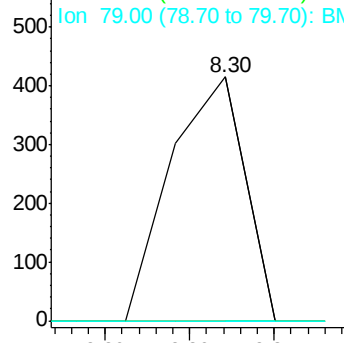
45 100

77 0.0 18.0 27.0#

79 0.0 13.9 20.9#



Abundance Ion 45.00 (44.70 to 45.70): BM002071.D (-918) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.91 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. -0.10 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

Tgt Ion: 70 Resp: 2114

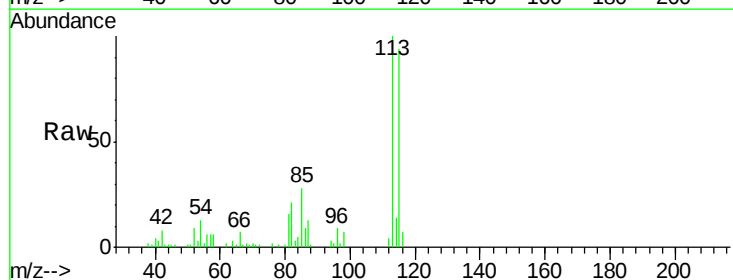
Ion Ratio Lower Upper

70 100

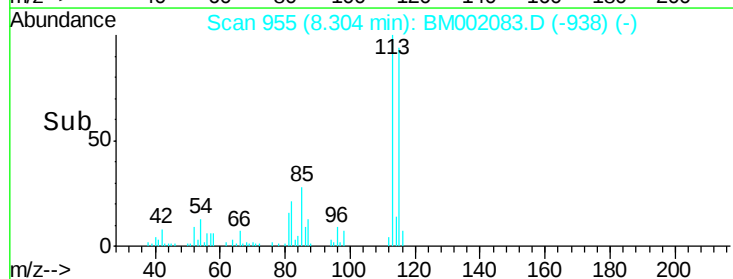
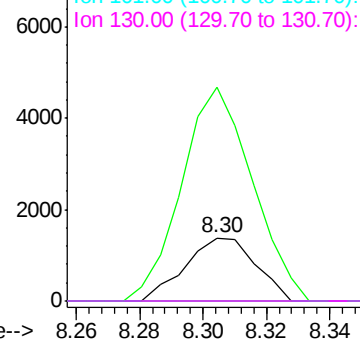
42 338.0 39.2 58.8#

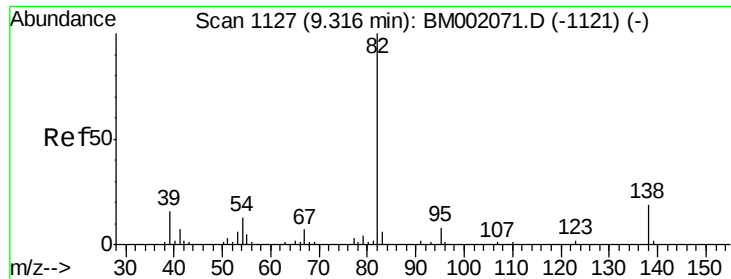
101 0.0 8.6 12.8#

130 0.0 20.2 30.4#



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

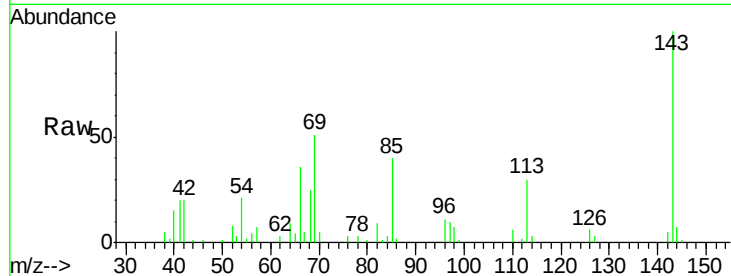




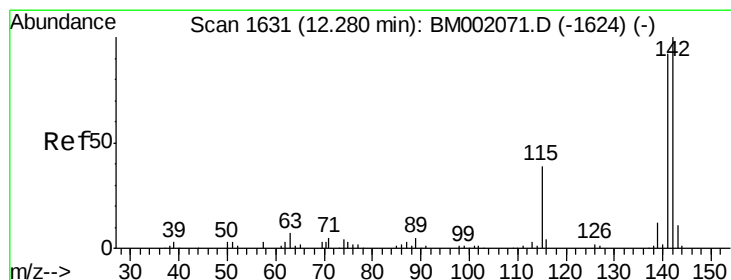
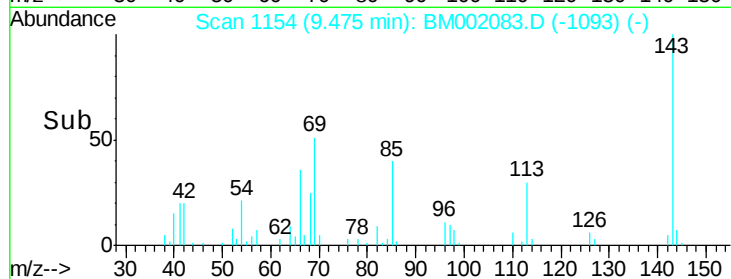
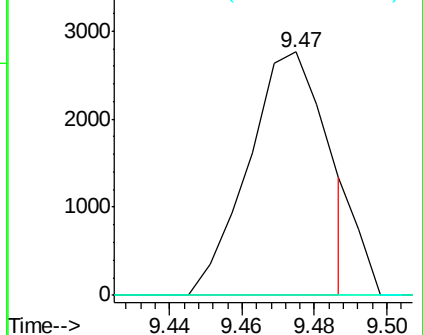
#21
Isophorone
Concen: 0.68 ng/ul
RT: 9.47 min Scan# 1154
Delta R.T. 0.16 min
Lab File: BM002083.D
Acq: 28 Jul 2015 06:09

Instrument :
BNA_M
ClientSampleId :
MDL-03-S-ML

Tgt Ion: 82 Resp: 4170
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 15.4 23.2#

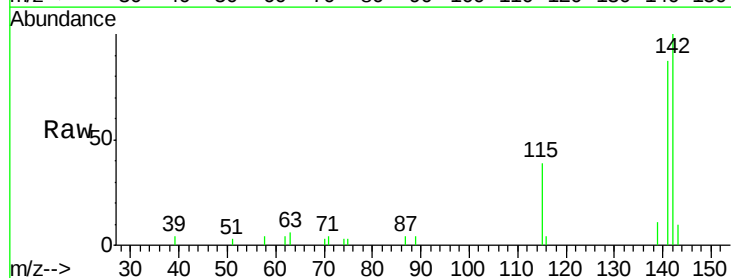


Abundance Ion 82.00 (81.70 to 82.70): BM002071.D (-1121) (-)
Ion 95.00 (94.70 to 95.70): BM002071.D (-1121) (-)
Ion 138.00 (137.70 to 138.70): BM002071.D (-1121) (-)

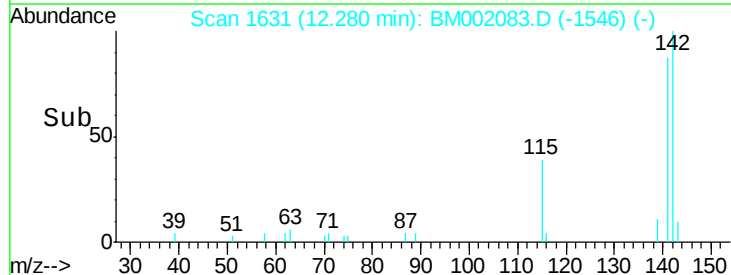
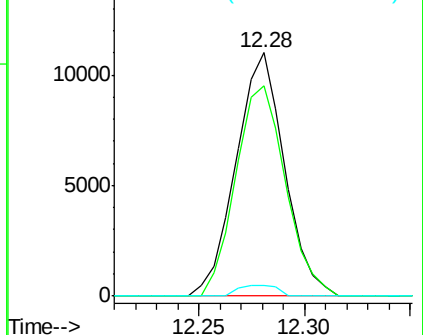


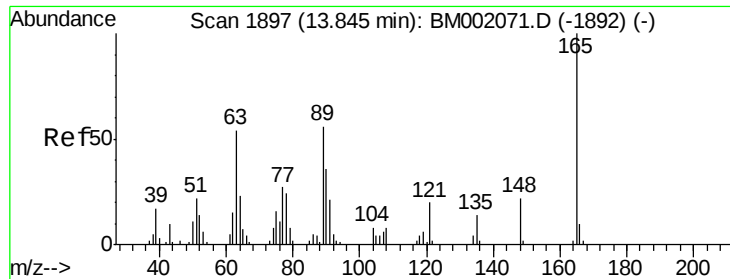
#35
1-Methylnaphthalene
Concen: 2.57 ng/ul
RT: 12.28 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BM002083.D
Acq: 28 Jul 2015 06:09

Tgt Ion: 142 Resp: 17528
Ion Ratio Lower Upper
142 100
141 86.6 72.4 108.6
116 4.4 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) (-)





#46

2,6-Dinitrotoluene

Concen: 1.16 ng/ul

RT: 13.67 min Scan# 1867

Delta R.T. -0.18 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

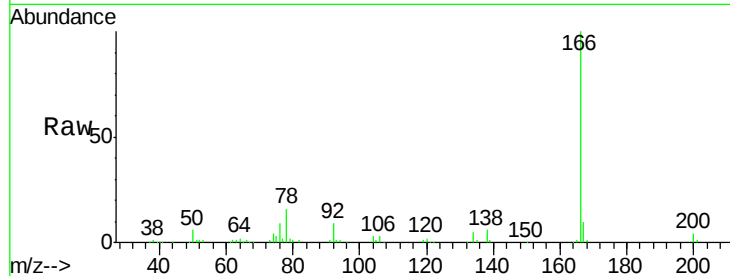
Tgt Ion:165 Resp: 2054

Ion Ratio Lower Upper

165 100

89 0.0 42.7 64.1#

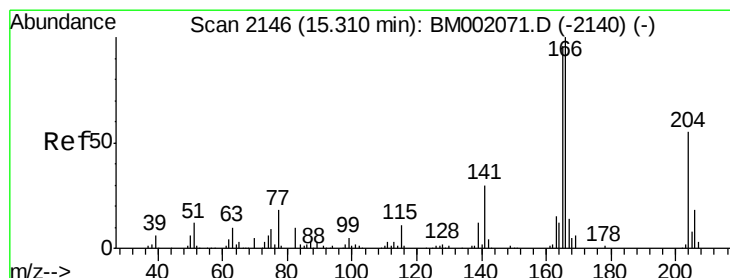
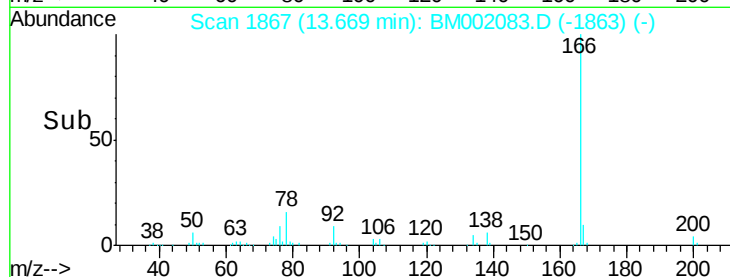
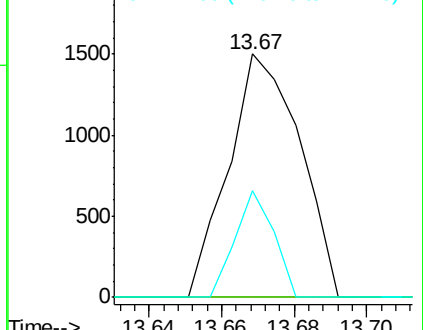
121 44.0 14.8 22.2#



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



#59

Fluorene

Concen: 0.03 ng/ul

RT: 15.25 min Scan# 2136

Delta R.T. -0.06 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

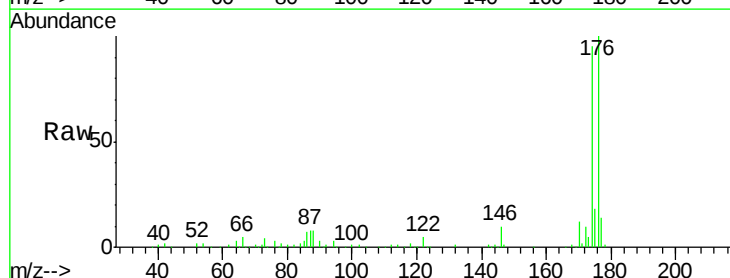
Tgt Ion:166 Resp: 262

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

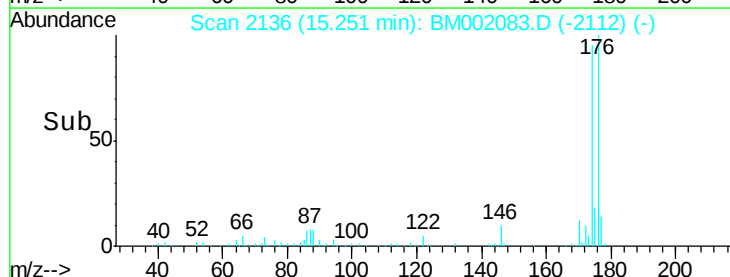
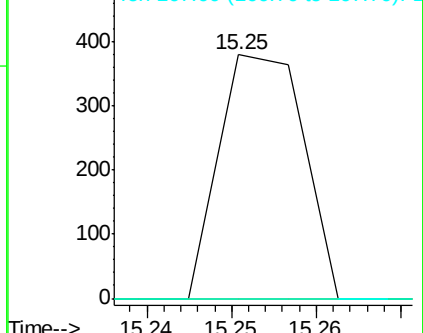
167 0.0 10.5 15.7#

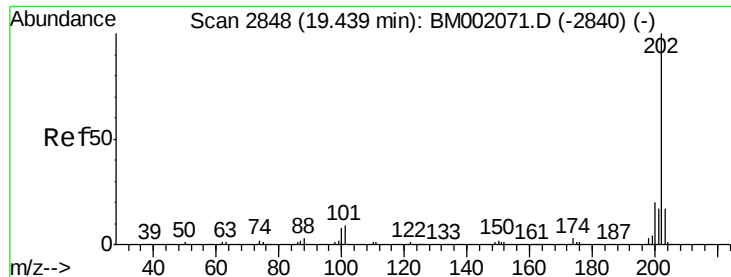


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

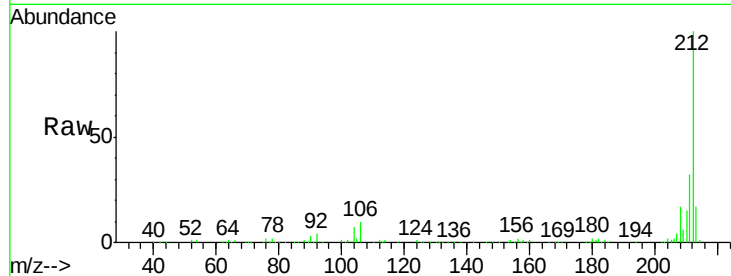




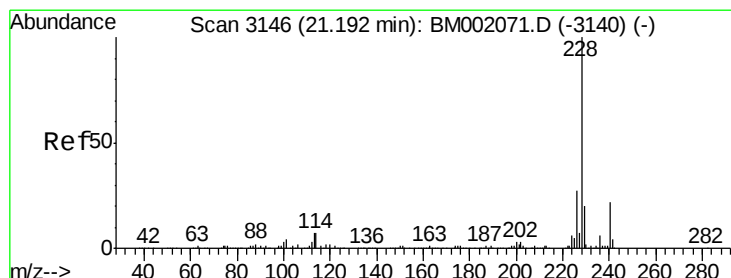
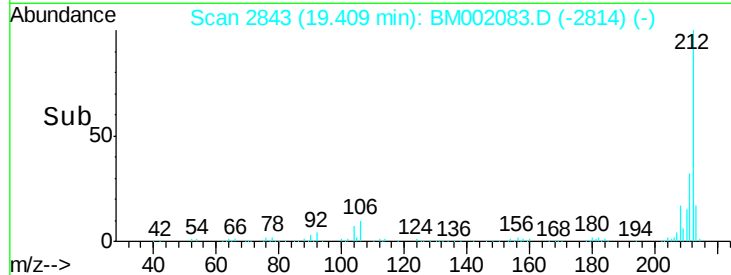
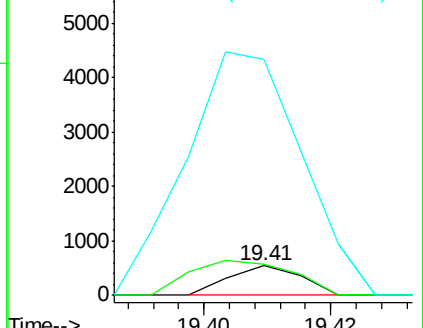
#80
 Pyrene
 Concen: 0.03 ng/ul
 RT: 19.41 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BM002083.D
 Acq: 28 Jul 2015 06:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S-ML

Tgt Ion: 202 Resp: 435
 Ion Ratio Lower Upper
 202 100
 101 104.6 7.4 11.2#
 100 805.8 6.3 9.5#

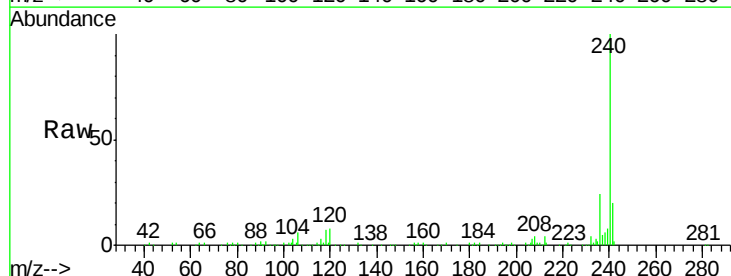


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

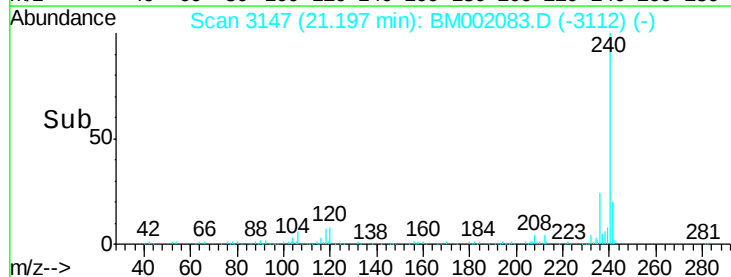
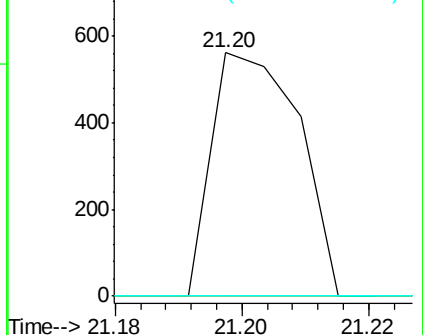


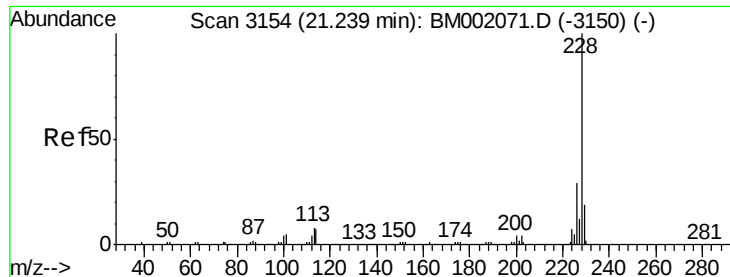
#83
 Benzo(a)anthracene
 Concen: 0.03 ng/ul
 RT: 21.20 min Scan# 3147
 Delta R.T. 0.01 min
 Lab File: BM002083.D
 Acq: 28 Jul 2015 06:09

Tgt Ion: 228 Resp: 532
 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





#85

Chrysene

Concen: 0.03 ng/u1

RT: 21.20 min Scan# 3147

Delta R.T. -0.04 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

Instrument :

BNA_M

ClientSampleId :

MDL-03-S-ML

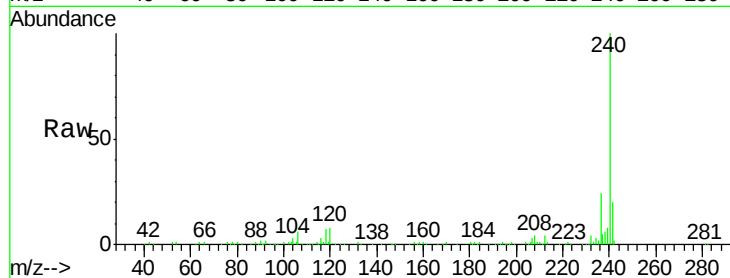
Tgt Ion:228 Resp: 532

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

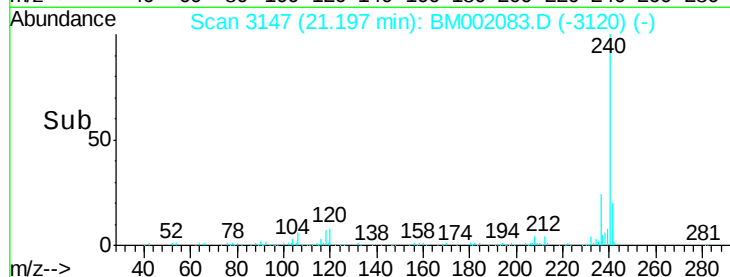
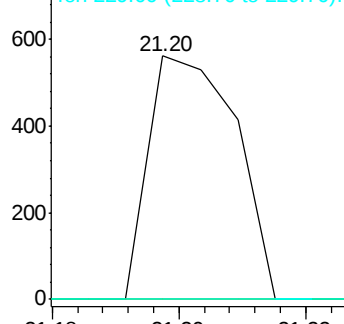
229 0.0 15.5 23.3#



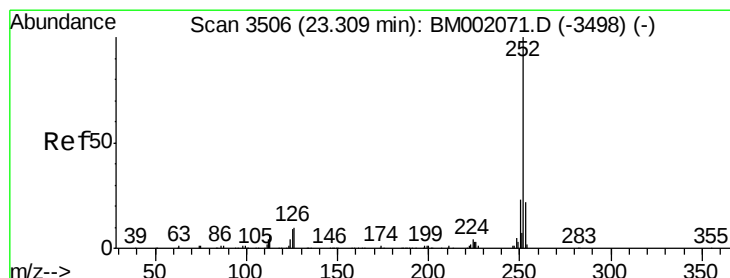
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.18 21.20 21.22



#91

Benzo(a)pyrene

Concen: 0.08 ng/u1

RT: 23.26 min Scan# 3498

Delta R.T. -0.05 min

Lab File: BM002083.D

Acq: 28 Jul 2015 06:09

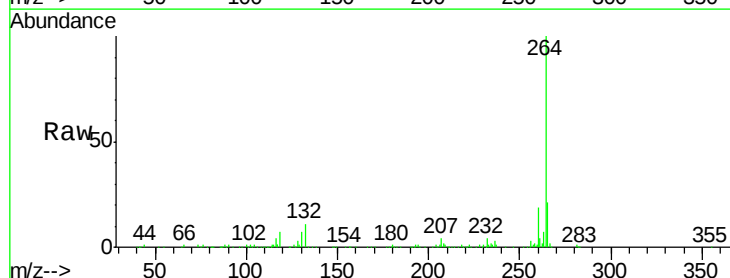
Tgt Ion:252 Resp: 1359

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

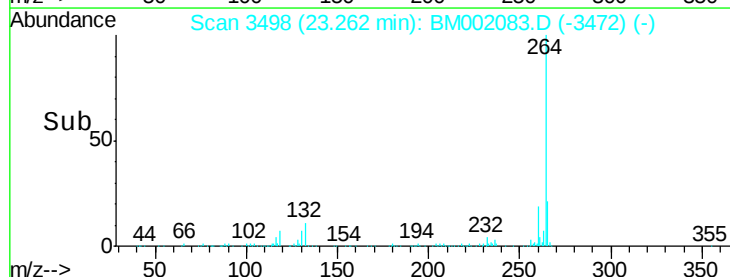
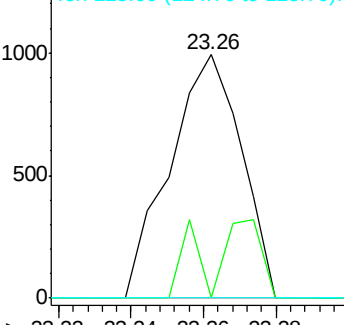
125 0.0 6.6 10.0#



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



Time--> 23.22 23.24 23.26 23.28