

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
 Data File : BM002080.D
 Acq On : 28 Jul 2015 04:20
 Operator : UM/HP
 Sample : MDL-BLK-S
 Misc : MDL-SOIL-SVOC-MED LEVEL-BLK
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-BLK-S

Quant Time: Jul 28 07:20:22 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	51997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	202159	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	117343	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	269123	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	315742	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	323166	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	6407	6.38	ng/uL	0.00
5) Phenol-d5	6.77	99	117682	31.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	67282	32.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	104458	33.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	95015	32.15	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	47226	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	52736	33.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	98365	31.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	129800	38.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	299328	34.83	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	361240	33.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	42550	29.66	ng/ul	0.00
58) Fluorene-d10	15.26	176	258764	34.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	36486	22.16	ng/ul	0.00
71) Anthracene-d10	17.10	188	413602	34.43	ng/ul	0.00
79) Pyrene-d10	19.41	212	464348	34.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	537369	34.30	ng/ul	0.00

Target Compounds

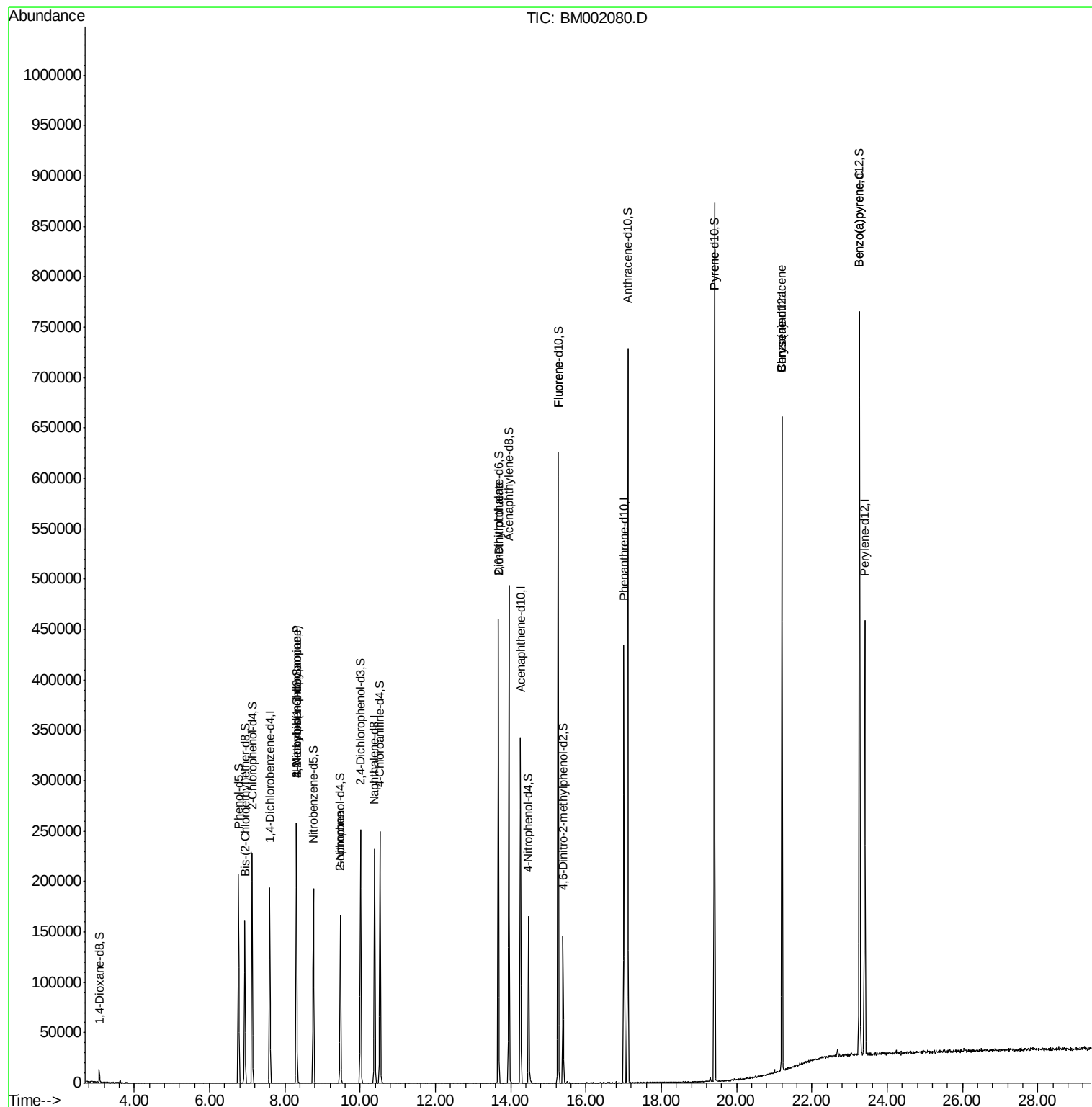
						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.30	45	393	0.13	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.30	70	2182	0.96	ng/ul#	1
21) Isophorone	9.47	82	4099	0.68	ng/ul#	63
46) 2,6-Dinitrotoluene	13.67	165	2089	1.20	ng/ul#	41
59) Fluorene	15.26	166	408	0.05	ng/ul#	10
80) Pyrene	19.42	202	546	0.03	ng/ul#	1
83) Benzo(a)anthracene	21.20	228	619	0.04	ng/ul#	53
85) Chrysene	21.20	228	619	0.04	ng/ul#	51
91) Benzo(a)pyrene	23.26	252	865	0.05	ng/ul#	68

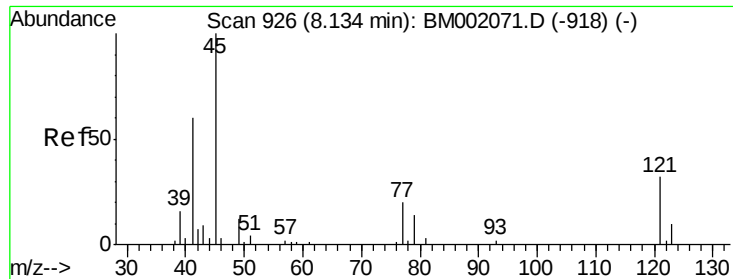
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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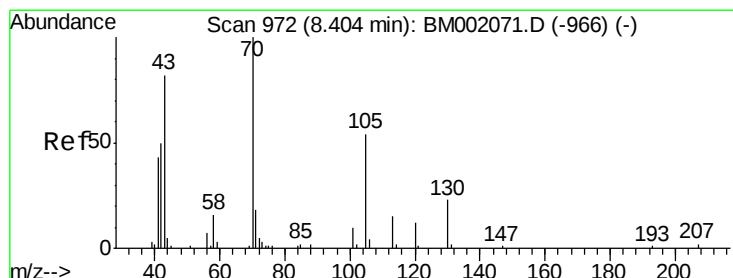
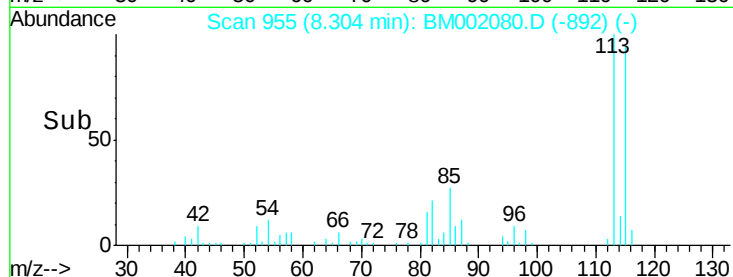
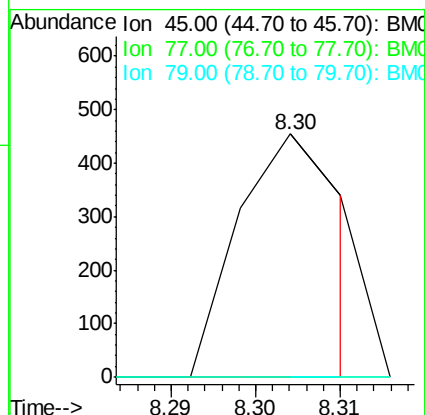
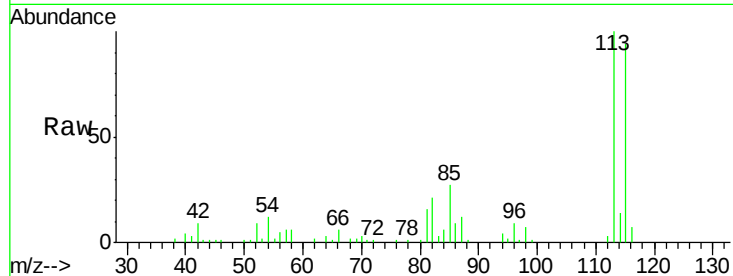




#12
2,2'-oxybis(1-Chloropropane)
Concen: 0.13 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. 0.17 min
Lab File: BM002080.D
Acq: 28 Jul 2015 04:20

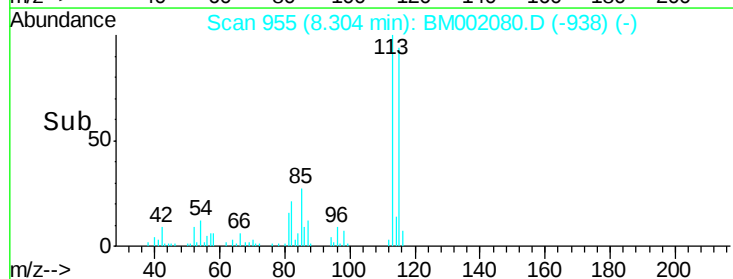
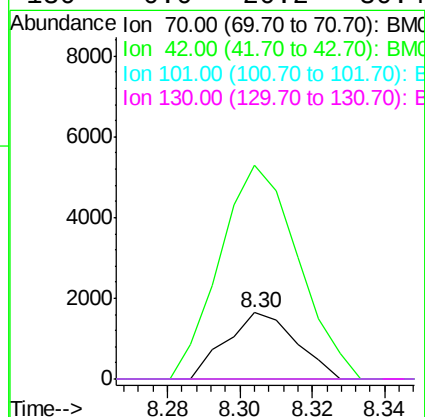
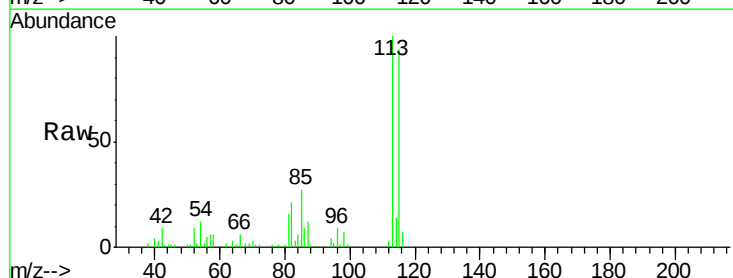
Instrument :
BNA_M
ClientSampleId :
MDL-BLK-S

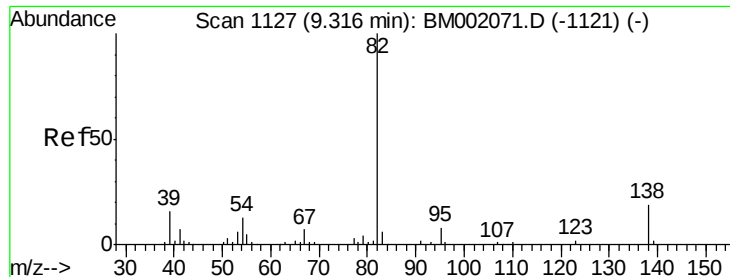
Tgt Ion: 45 Resp: 393
Ion Ratio Lower Upper
45 100
77 0.0 18.0 27.0#
79 0.0 13.9 20.9#



#15
N-Nitroso-di-n-propylamine
Concen: 0.96 ng/ul
RT: 8.30 min Scan# 955
Delta R.T. -0.10 min
Lab File: BM002080.D
Acq: 28 Jul 2015 04:20

Tgt Ion: 70 Resp: 2182
Ion Ratio Lower Upper
70 100
42 322.0 39.2 58.8#
101 0.0 8.6 12.8#
130 0.0 20.2 30.4#





#21

Isophorone

Concen: 0.68 ng/ul

RT: 9.47 min Scan# 1154

Delta R.T. 0.16 min

Lab File: BM002080.D

Acq: 28 Jul 2015 04:20

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

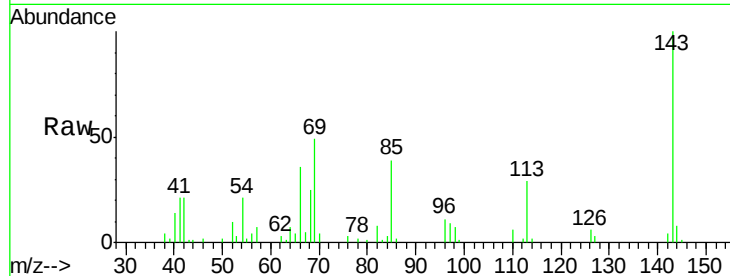
Tgt Ion: 82 Resp: 4099

Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

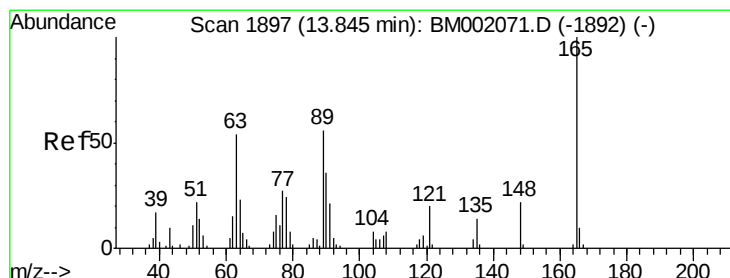
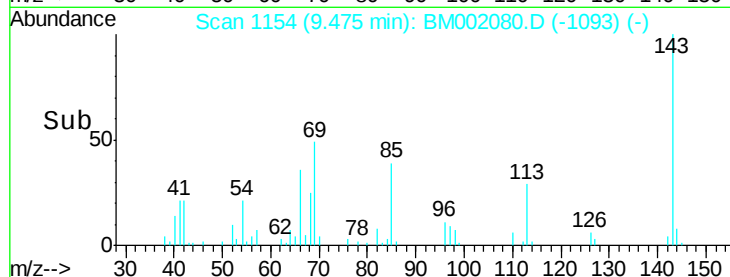
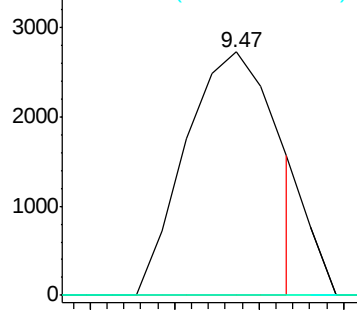
138 0.0 15.4 23.2#



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) (-)



#46

2,6-Dinitrotoluene

Concen: 1.20 ng/ul

RT: 13.67 min Scan# 1868

Delta R.T. -0.17 min

Lab File: BM002080.D

Acq: 28 Jul 2015 04:20

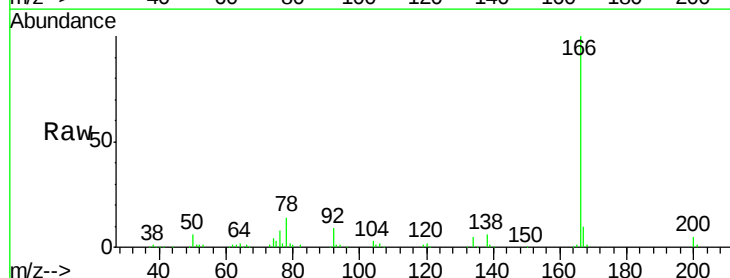
Tgt Ion: 165 Resp: 2089

Ion Ratio Lower Upper

165 100

89 0.0 42.7 64.1#

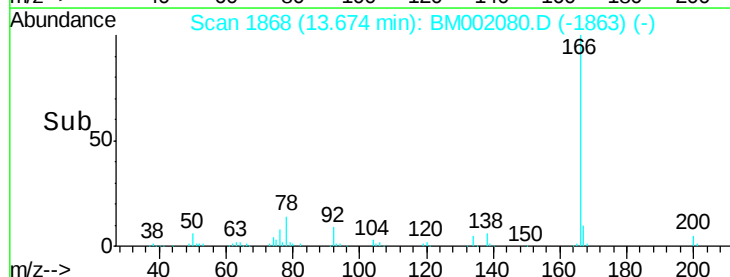
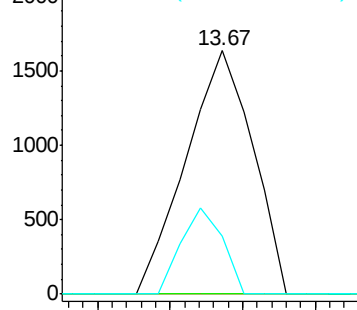
121 23.7 14.8 22.2#

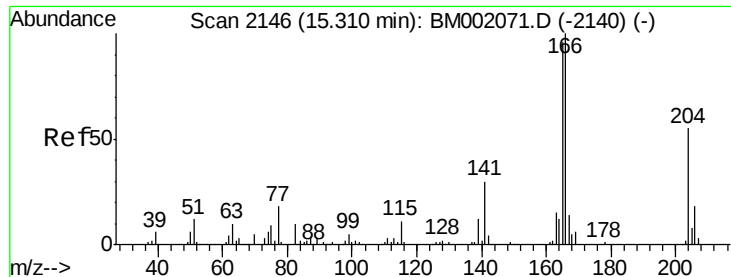


Abundance Ion 165.00 (164.70 to 165.70): BM002071.D (-1892) (-)

Ion 89.00 (88.70 to 89.70): BM002071.D (-1892) (-)

Ion 121.00 (120.70 to 121.70): BM002071.D (-1892) (-)





#59

Fluorene

Concen: 0.05 ng/ul

RT: 15.26 min Scan# 2137

Delta R.T. -0.05 min

Lab File: BM002080.D

Acq: 28 Jul 2015 04:20

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S

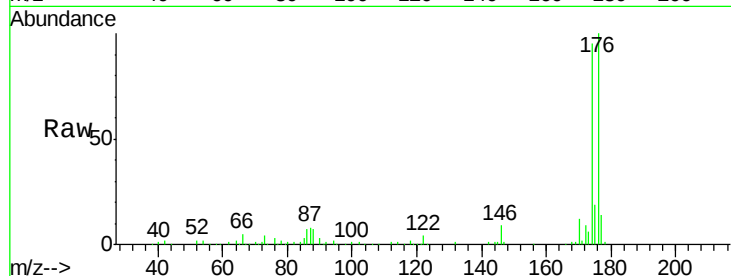
Tgt Ion:166 Resp: 408

Ion Ratio Lower Upper

166 100

165 0.0 75.6 113.4#

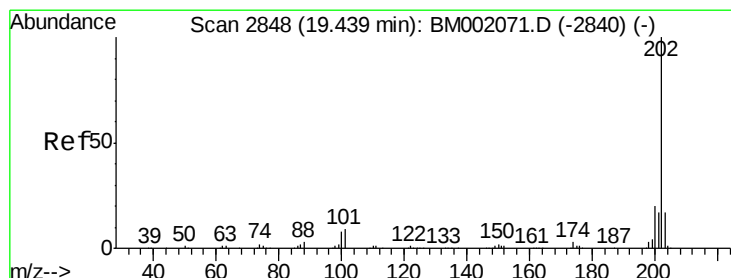
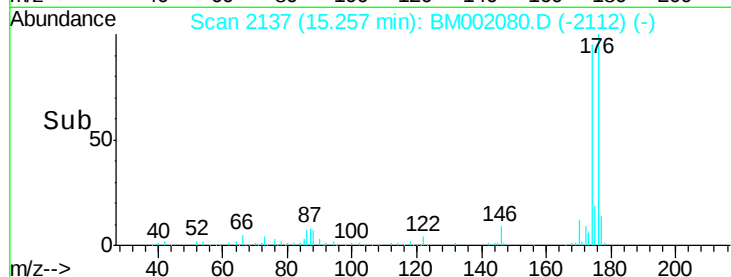
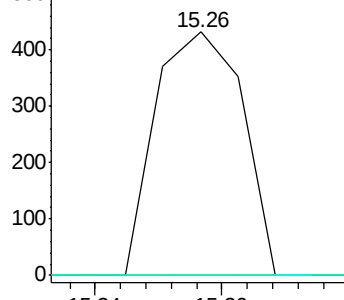
167 0.0 10.5 15.7#



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: 19.42 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BM002080.D

Acq: 28 Jul 2015 04:20

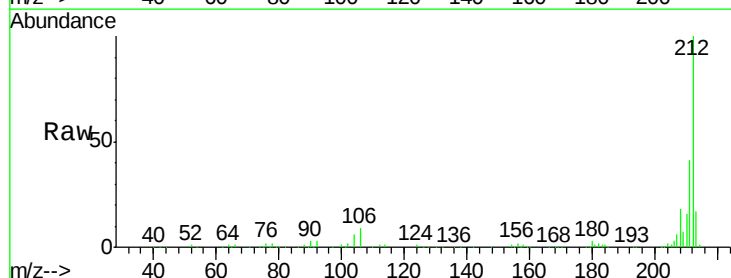
Tgt Ion:202 Resp: 546

Ion Ratio Lower Upper

202 100

101 99.4 7.4 11.2#

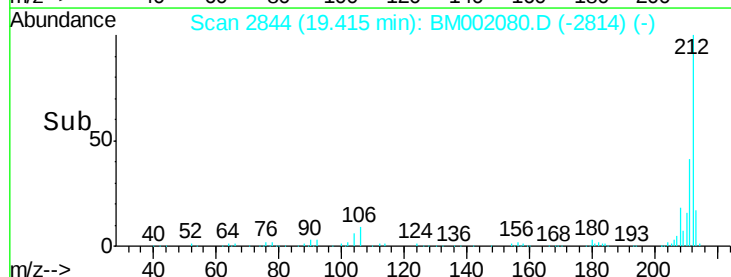
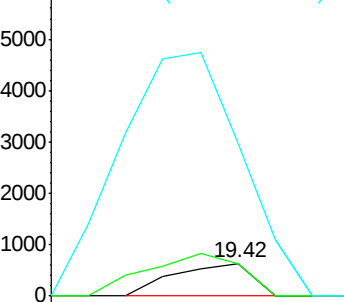
100 467.7 6.3 9.5#

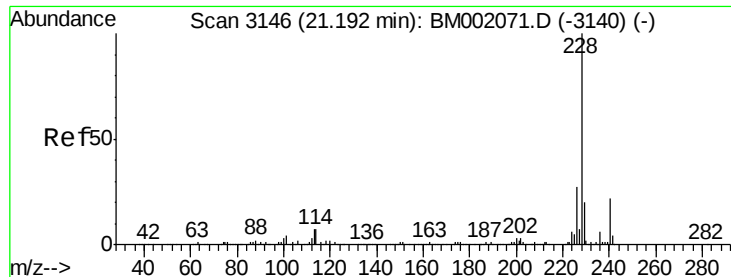


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM002080.D

Acq: 28 Jul 2015 04:20

Instrument :

BNA_M

ClientSampled :

MDL-BLK-S

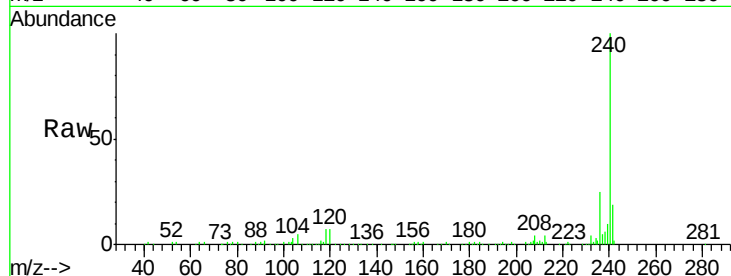
Tgt Ion:228 Resp: 619

Ion Ratio Lower Upper

228 100

229 0.0 15.4 23.2#

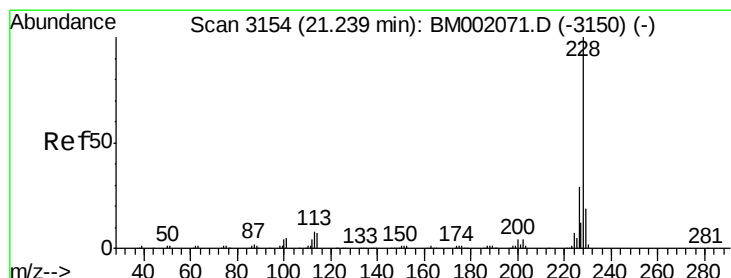
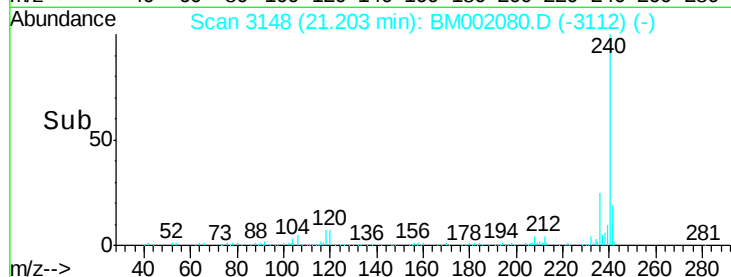
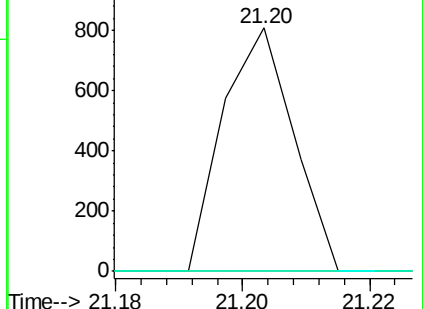
226 0.0 20.5 30.7#



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: 0.04 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. -0.04 min

Lab File: BM002080.D

Acq: 28 Jul 2015 04:20

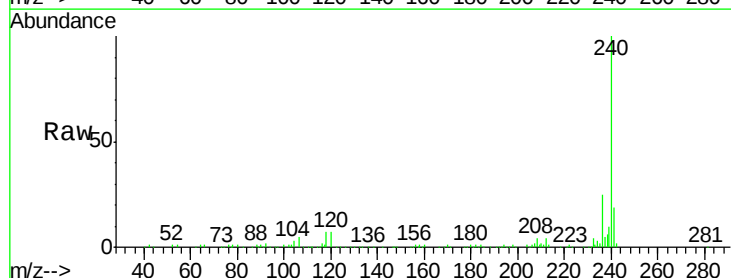
Tgt Ion:228 Resp: 619

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

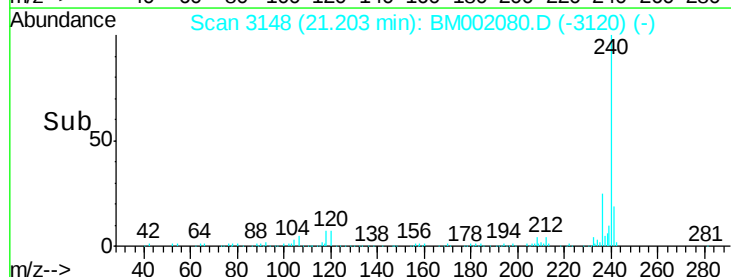
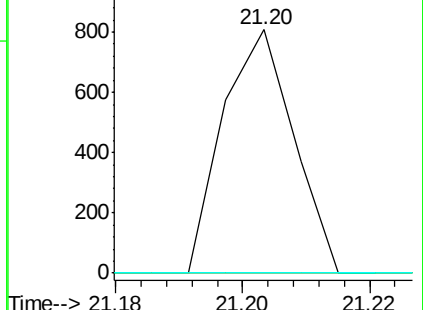
229 0.0 15.5 23.3#

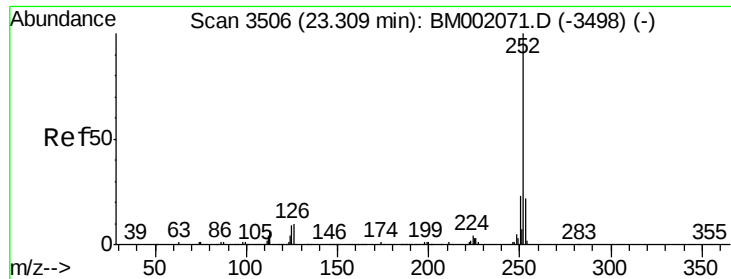


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.26 min Scan# 3497

Delta R.T. -0.05 min

Lab File: BM002080.D

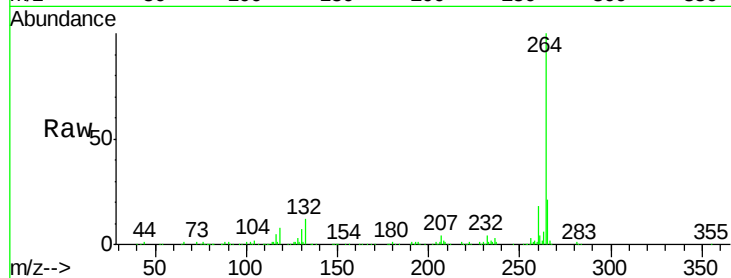
Acq: 28 Jul 2015 04:20

Instrument :

BNA_M

ClientSampleId :

MDL-BLK-S



Tgt Ion:	252	Resp:	865
Ion	Ratio	Lower	Upper
252	100		
253	38.4	17.2	25.8#
125	0.0	6.6	10.0#

