

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
 Data File : BM003496.D
 Acq On : 11 Dec 2015 23:43
 Operator : UM/IZ
 Sample : G4734-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX5

Quant Time: Dec 12 00:59:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 12 00:54:45 2015
 Response via : Initial Calibration

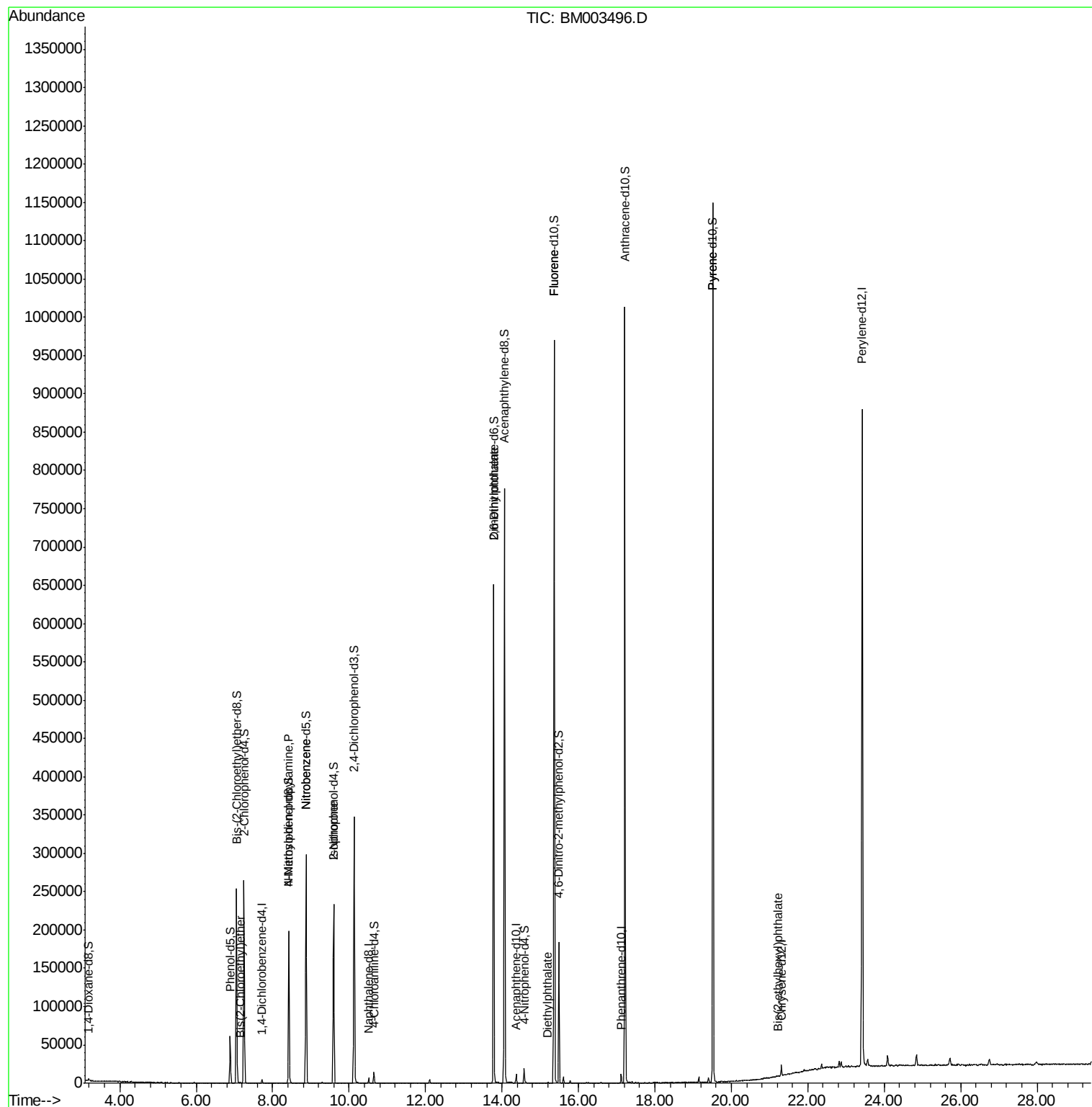
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	8331	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	4722	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	8291	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	7847	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	599927	20.00	ng/ul	-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	1874	55.07	ng/uL	0.00
5) Phenol-d5	6.89	99	38151	282.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	106520	1430.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	129252	1157.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	76024	671.27	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	76885	1352.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	82381	1386.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	137393	1166.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	10684	80.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	453091	1276.30	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	561775	1287.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	7522	118.21	ng/ul	0.00
58) Fluorene-d10	15.37	176	390942	1279.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	40788	961.55	ng/ul	0.00
71) Anthracene-d10	17.22	188	558667	1516.65	ng/ul	0.00
79) Pyrene-d10	19.52	212	591045	1538.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						
8) Bis(2-Chloroethyl)ether	7.15	93	448	4.08	ng/ul#	25
15) N-Nitroso-di-n-propylamine	8.42	70	1533	18.72	ng/ul#	1
20) Nitrobenzene	8.87	77	343	2.61	ng/ul#	37
21) Isophorone	9.59	82	6397	26.09	ng/ul#	66
46) 2,6-Dinitrotoluene	13.79	165	2492	37.19	ng/ul#	41
57) Diethylphthalate	15.19	149	570	1.61	ng/ul#	59
59) Fluorene	15.36	166	706	2.02	ng/ul#	9
80) Pyrene	19.52	202	643	1.27	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.23	149	669	2.91	ng/ul#	53

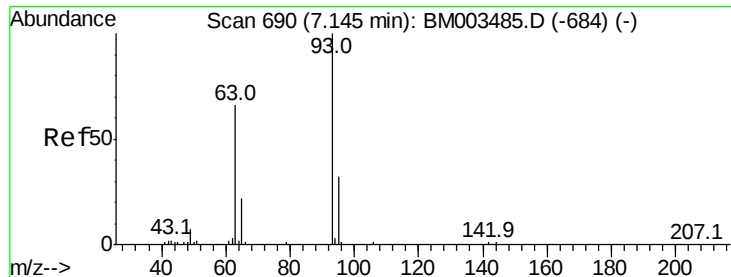
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 4.08 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM003496.D

Acq: 11 Dec 2015 23:43

Instrument :

BNA_M

ClientSampleId :

A4KX5

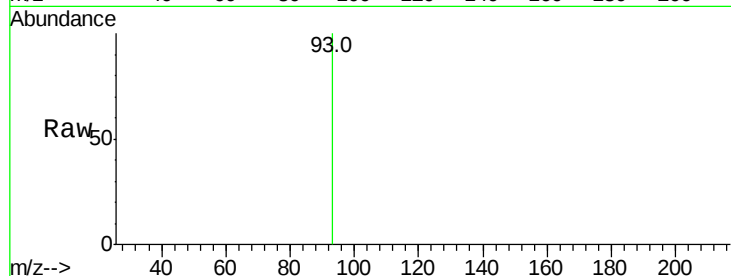
Tot Ion: 93 Resp: 448

Ion Ratio Lower Upper

93 100

63 0.0 52.9 79.3#

95 0.0 26.1 39.1#



Abundance Ion 93.00 (92.70 to 93.70): BM003485.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM003485.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM003485.D (-684) (-)

7.15

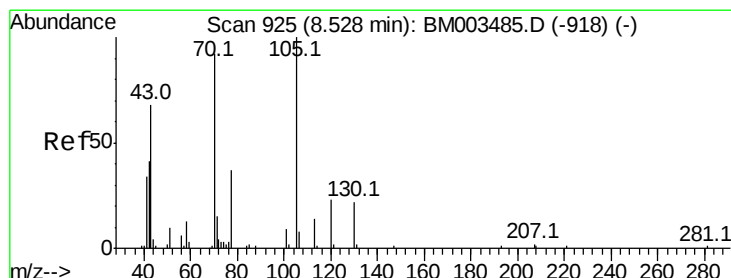
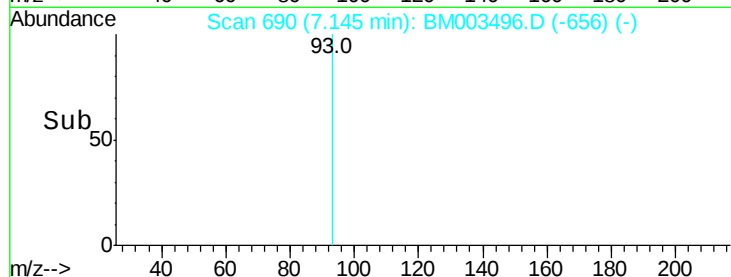
400

200

0

7.13 7.14 7.15 7.16

Time-->



#15

N-Nitroso-di-n-propylamine

Concen: 18.72 ng/ul

RT: 8.42 min Scan# 907

Delta R.T. -0.11 min

Lab File: BM003496.D

Acq: 11 Dec 2015 23:43

Tgt Ion: 70 Resp: 1533

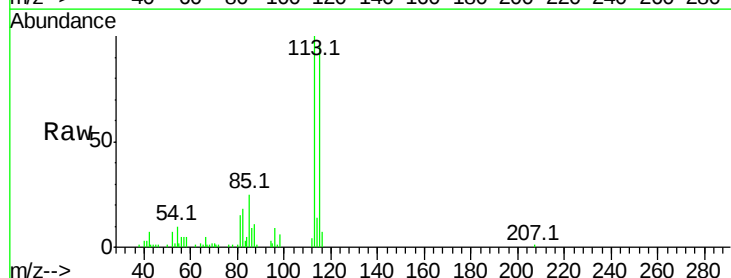
Ion Ratio Lower Upper

70 100

42 313.7 35.0 52.6#

101 0.0 8.6 13.0#

130 0.0 18.6 27.8#



Abundance Ion 70.00 (69.70 to 70.70): BM003485.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM003485.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BM003485.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM003485.D (-918) (-)

8.42

5000

4000

3000

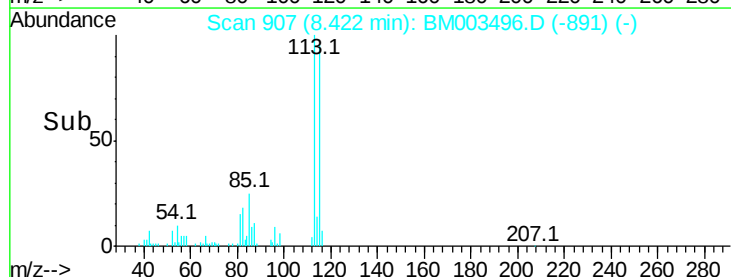
2000

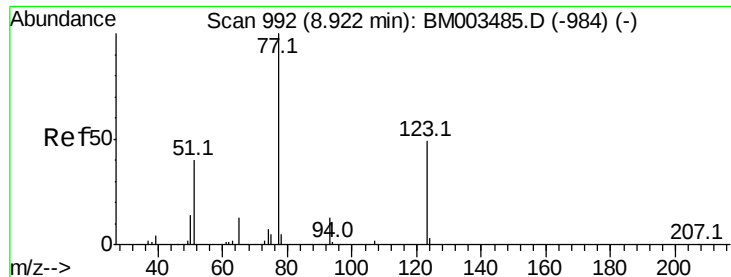
1000

0

8.40 8.42 8.44 8.46

Time-->

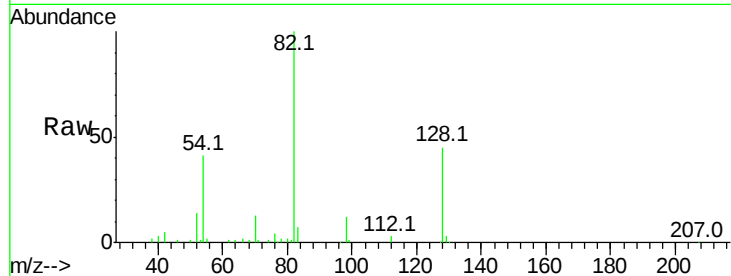




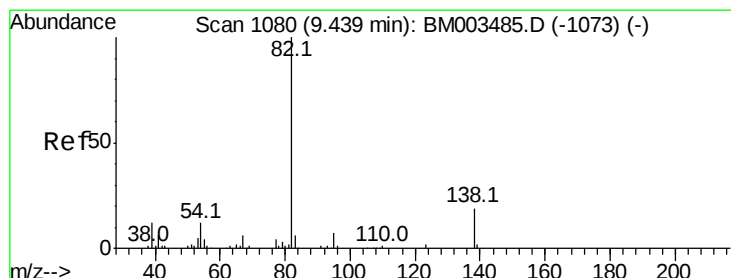
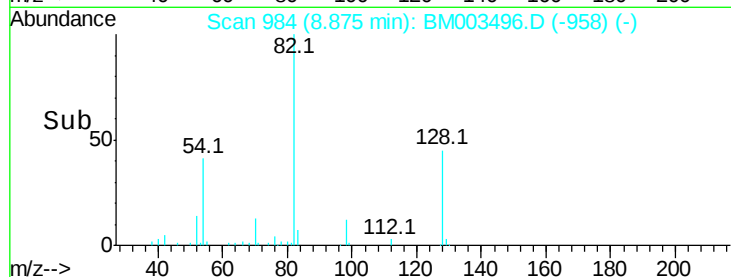
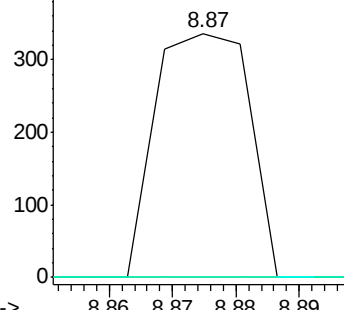
#20
Nitrobenzene
Concen: 2.61 ng/ul
RT: 8.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BM003496.D
Acq: 11 Dec 2015 23:43

Instrument :
BNA_M
ClientSampleId :
A4KX5

Tot Ion: 77 Resp: 343
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.8#
65 0.0 9.8 14.8#

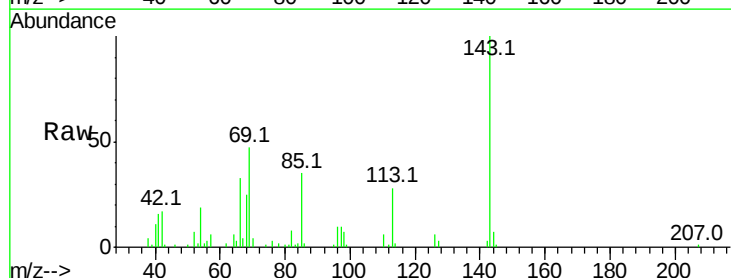


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): B

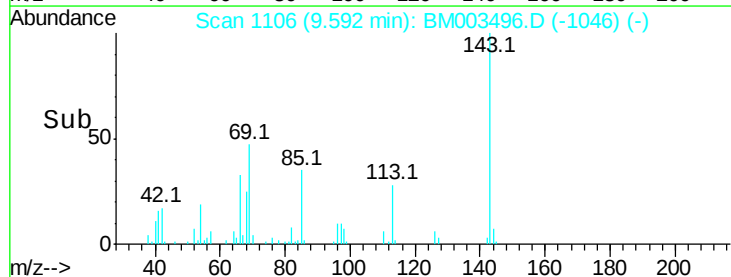
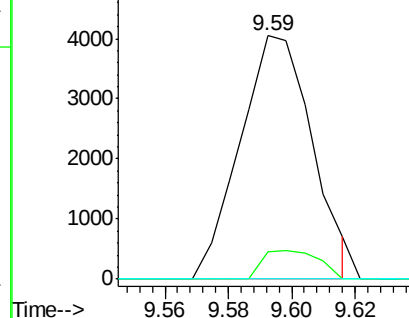


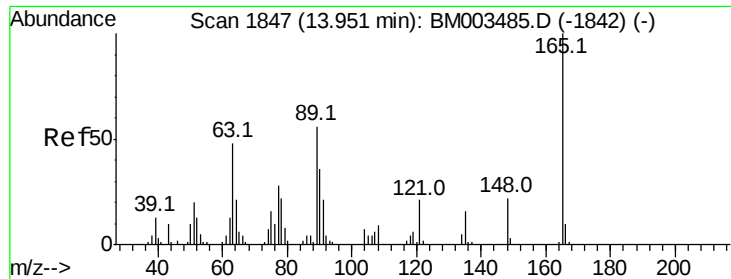
#21
Isophorone
Concen: 26.09 ng/ul
RT: 9.59 min Scan# 1106
Delta R.T. 0.15 min
Lab File: BM003496.D
Acq: 11 Dec 2015 23:43

Tgt Ion: 82 Resp: 6397
Ion Ratio Lower Upper
82 100
95 11.4 5.8 8.8#
138 0.0 15.5 23.3#



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): B

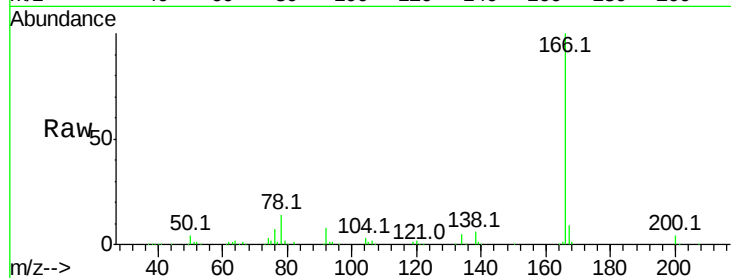




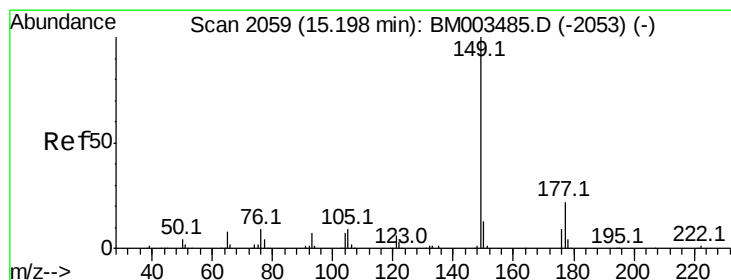
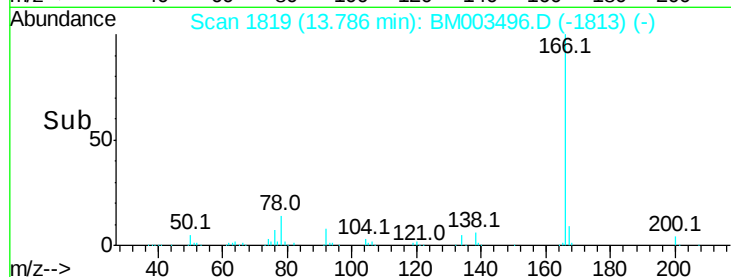
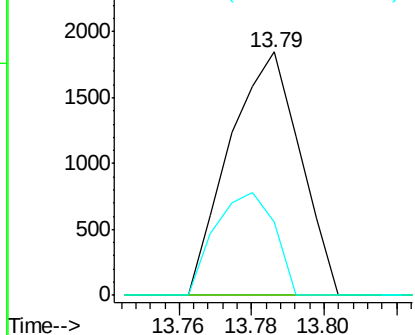
#46
 2,6-Dinitrotoluene
 Concen: 37.19 ng/ul
 RT: 13.79 min Scan# 1819
 Delta R.T. -0.16 min
 Lab File: BM003496.D
 Acq: 11 Dec 2015 23:43

Instrument :
 BNA_M
 ClientSampleId :
 A4KX5

Tot Ion:165 Resp: 2492
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.0 63.0#
 121 30.1 16.6 24.8#

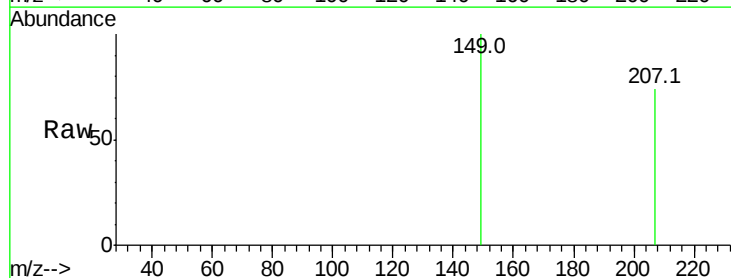


Abundance Ion 165.00 (164.70 to 165.70): E
 2500 Ion 89.00 (88.70 to 89.70): BM0
 2000 Ion 121.00 (120.70 to 121.70): E

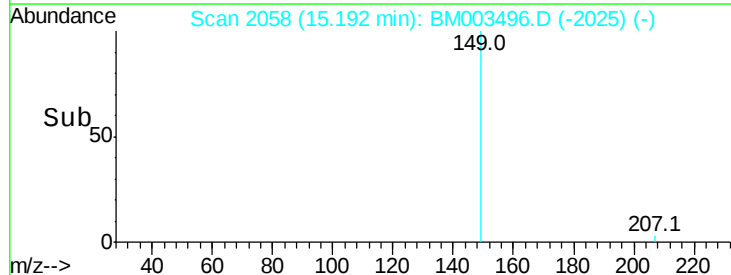
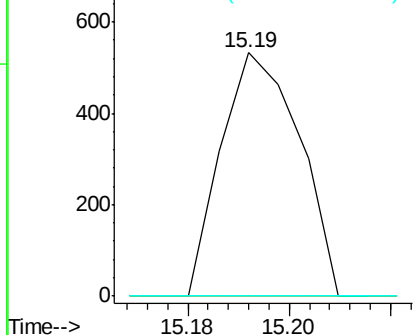


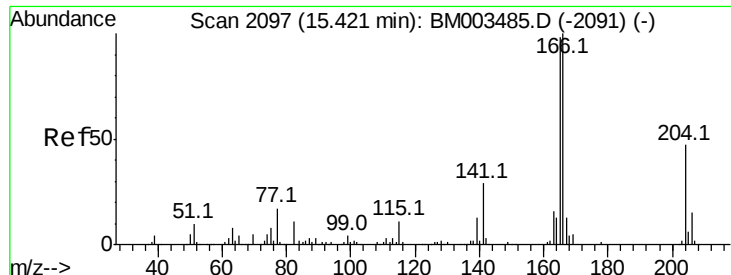
#57
 Diethylphthalate
 Concen: 1.61 ng/ul
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BM003496.D
 Acq: 11 Dec 2015 23:43

Tgt Ion:149 Resp: 570
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.8 26.6#
 150 0.0 9.9 14.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 600 Ion 177.00 (176.70 to 177.70): E
 400 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 2.02 ng/ul

RT: 15.36 min Scan# 2087

Delta R.T. -0.06 min

Lab File: BM003496.D

Acq: 11 Dec 2015 23:43

Instrument :

BNA_M

ClientSampleId :

A4KX5

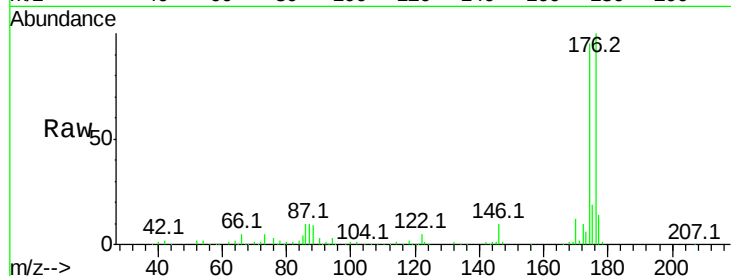
Tot Ion:166 Resp: 706

Ion Ratio Lower Upper

166 100

165 0.0 78.8 118.2#

167 0.0 10.8 16.2#



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

15.36

600

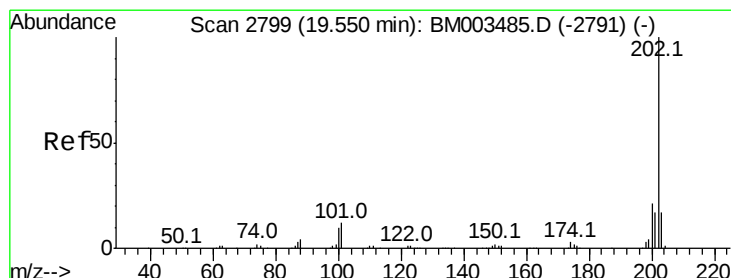
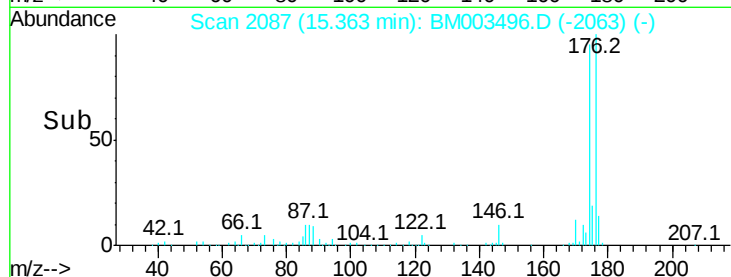
400

200

0

15.34 15.36 15.38

Time-->



#80

Pyrene

Concen: 1.27 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.04 min

Lab File: BM003496.D

Acq: 11 Dec 2015 23:43

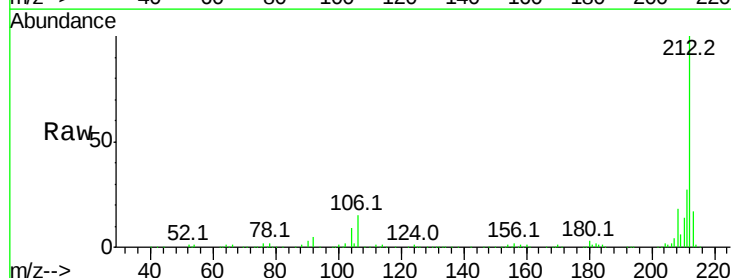
Tgt Ion:202 Resp: 643

Ion Ratio Lower Upper

202 100

101 171.0 10.6 16.0#

100 1084.0 8.5 12.7#



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

19.52

8000

6000

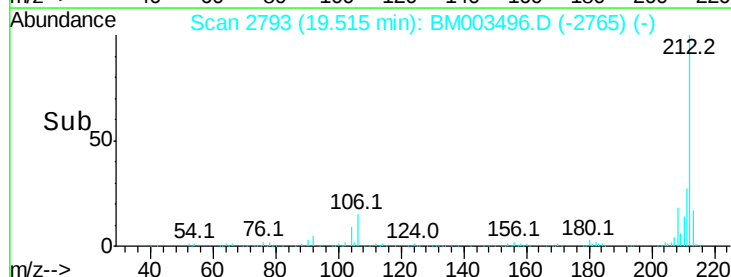
4000

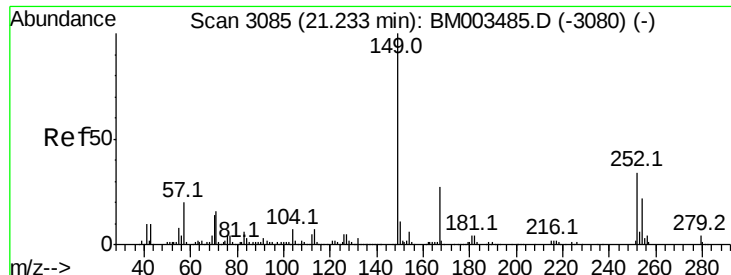
2000

0

19.50 19.52 19.54

Time-->

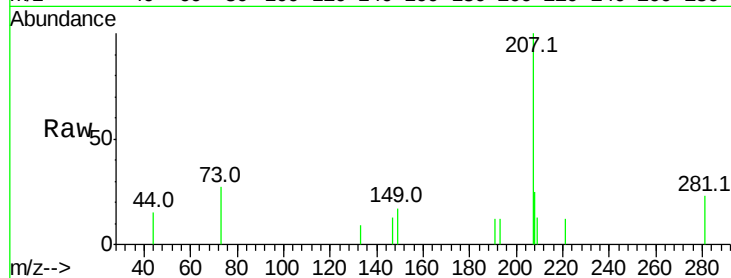




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.91 ng/ul
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM003496.D
 Acq: 11 Dec 2015 23:43

Instrument :
 BNA_M
 ClientSampleId :
 A4KX5

Tot Ion:149 Resp: 669
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.6 32.4#
 279 0.0 2.9 4.3#



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

