

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005454.D
 Acq On : 14 May 2016 07:34
 Operator : UM/SJ
 Sample : H2834-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4102

Quant Time: May 16 03:39:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	59452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	280477	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	183415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	462833	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	624224	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	579206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1790	1.42	ng/uL	0.00
5) Phenol-d5	6.93	99	33726	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	92414	30.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	99811	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	63720	14.30	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	62054	30.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	71121	31.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	113495	26.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	8884	1.75	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	457306	31.11	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	544128	31.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	7244	2.70	ng/ul	0.04
57) Fluorene-d10	15.39	176	399202	31.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	63208	24.28	ng/ul	0.00
70) Anthracene-d10	17.24	188	653118	31.92	ng/ul	0.00
76) Pyrene-d10	19.54	212	816527	28.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	827381	32.27	ng/ul	0.00

Target Compounds

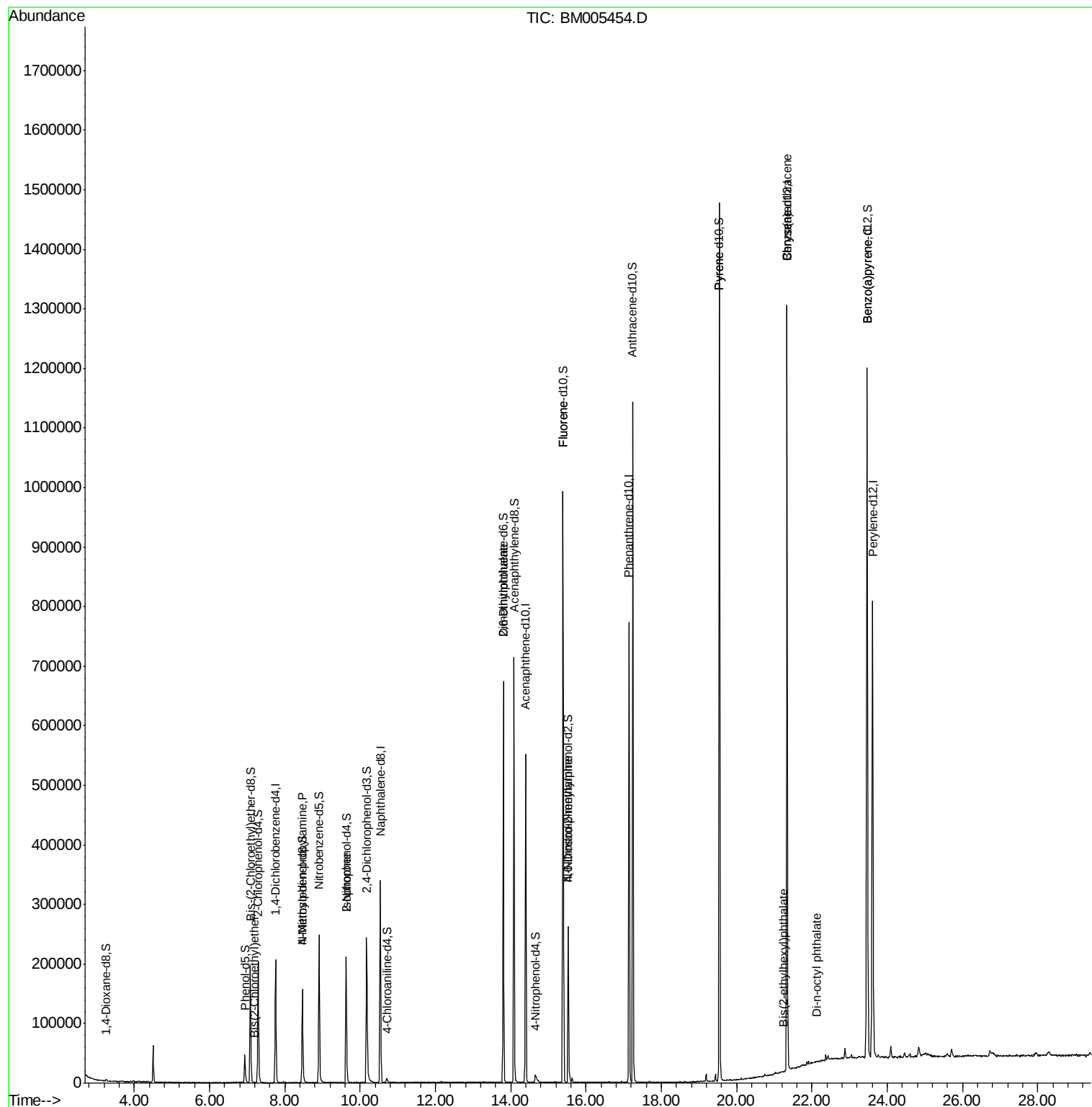
						Qvalue
8) Bis(2-Chloroethyl)ether	7.19	93	227	0.05	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.46	70	1232	0.36	ng/ul#	1
21) Isophorone	9.63	82	6070	0.62	ng/ul#	71
45) 2,6-Dinitrotoluene	13.80	165	2923	1.01	ng/ul#	40
58) Fluorene	15.39	166	678	0.05	ng/ul#	9
64) N-Nitrosodiphenylamine	15.53	169	252	0.02	ng/ul#	1
77) Pyrene	19.54	202	1162	0.03	ng/ul#	1
80) Benzo(a)anthracene	21.34	228	1490	0.04	ng/ul#	61
81) Bis(2-ethylhexyl)phthalate	21.24	149	474	0.02	ng/ul#	52
82) Chrysene	21.34	228	1490	0.04	ng/ul#	59
84) Di-n-octyl phthalate	22.12	149	349	0.01	ng/ul#	78
88) Benzo(a)pyrene	23.46	252	2654	0.08	ng/ul#	64

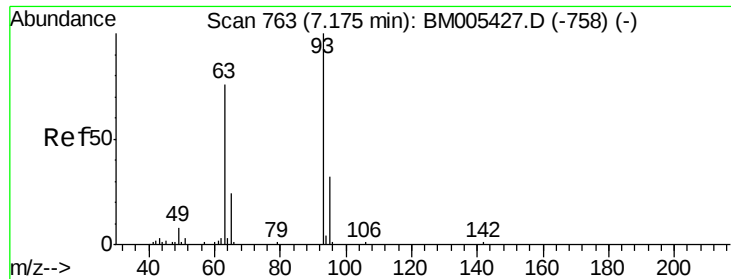
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 0.05 ng/ul

RT: 7.19 min Scan# 765

Delta R.T. 0.01 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

Instrument :

BNA_M

ClientSampleId :

H4102

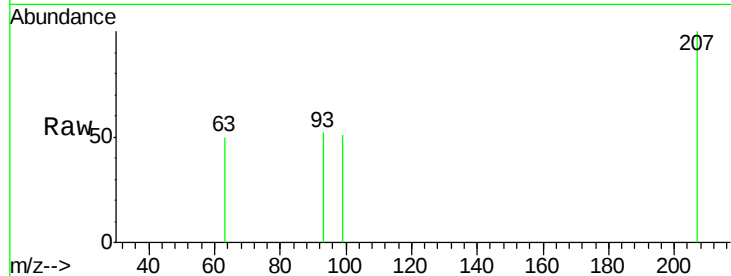
Tgt Ion: 93 Resp: 227

Ion Ratio Lower Upper

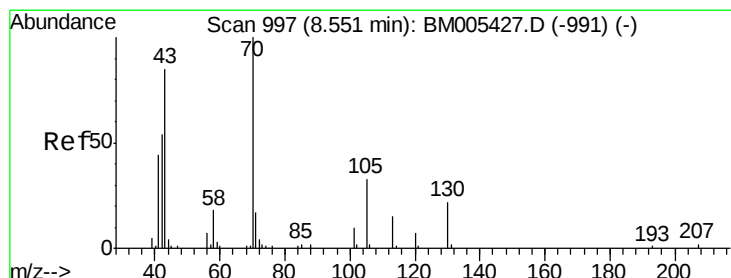
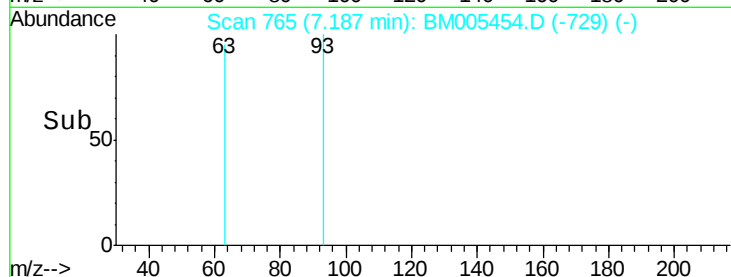
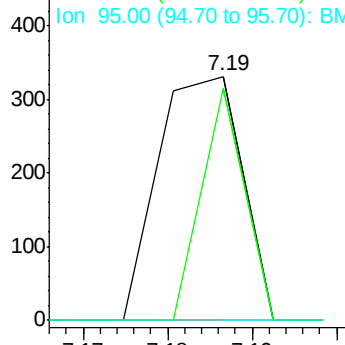
93 100

63 95.2 60.6 90.8#

95 0.0 24.2 36.4#



Abundance Ion 93.00 (92.70 to 93.70): BM005427.D (-758) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 0.36 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. -0.09 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

Tgt Ion: 70 Resp: 1232

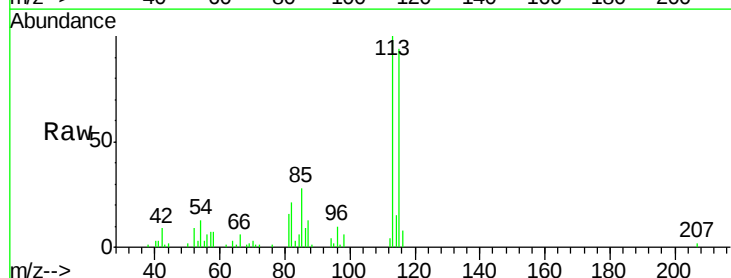
Ion Ratio Lower Upper

70 100

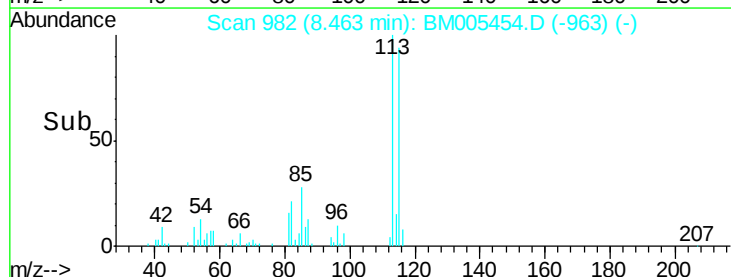
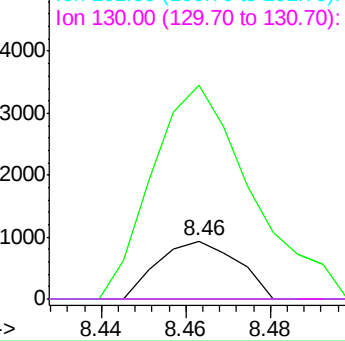
42 366.9 42.8 64.2#

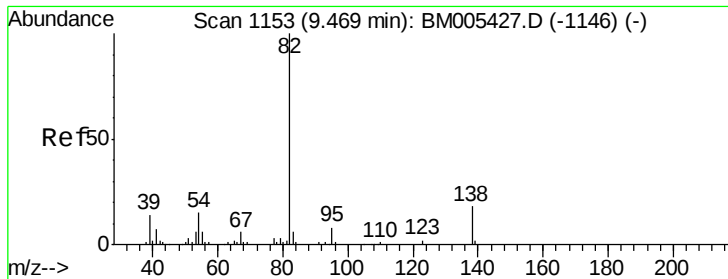
101 0.0 7.8 11.6#

130 0.0 15.7 23.5#



Abundance Ion 70.00 (69.70 to 70.70): BM005427.D (-991) (-)





#21

Isophorone

Concen: 0.62 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.16 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

Instrument :

BNA_M

ClientSampleId :

H4102

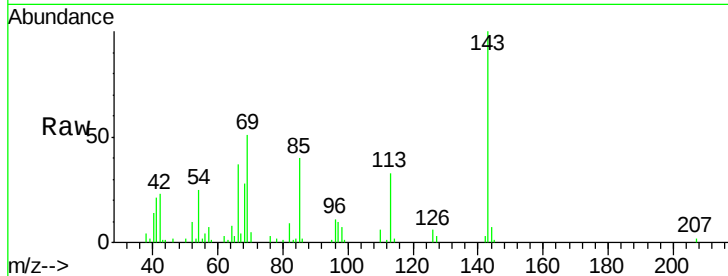
Tgt Ion: 82 Resp: 6070

Ion Ratio Lower Upper

82 100

95 8.2 5.4 8.0#

138 0.0 13.4 20.2#

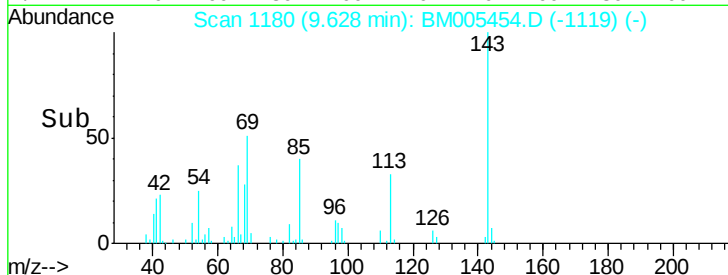


Abundance Ion 82.00 (81.70 to 82.70): BM005427.D (-1146) (-)

Ion 95.00 (94.70 to 95.70): BM005427.D (-1146) (-)

Ion 138.00 (137.70 to 138.70): BM005427.D (-1146) (-)

Time-->

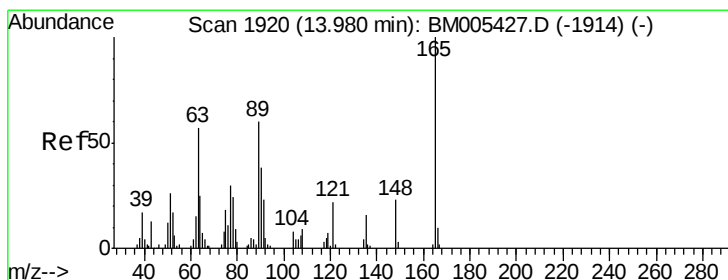


Abundance Ion 82.00 (81.70 to 82.70): BM005427.D (-1146) (-)

Ion 95.00 (94.70 to 95.70): BM005427.D (-1146) (-)

Ion 138.00 (137.70 to 138.70): BM005427.D (-1146) (-)

Time-->



#45

2,6-Dinitrotoluene

Concen: 1.01 ng/ul

RT: 13.80 min Scan# 1890

Delta R.T. -0.18 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

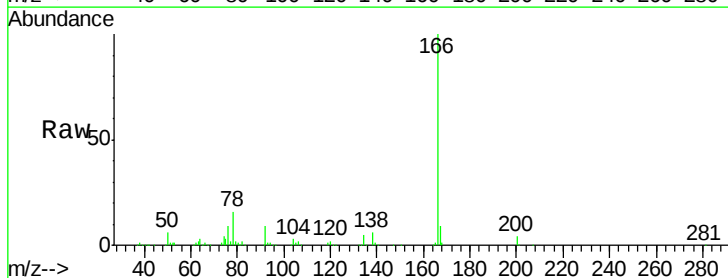
Tgt Ion: 165 Resp: 2923

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

121 28.8 21.0 31.4

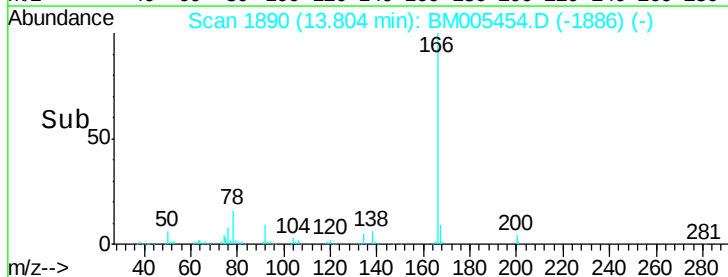


Abundance Ion 165.00 (164.70 to 165.70): BM005427.D (-1914) (-)

Ion 89.00 (88.70 to 89.70): BM005427.D (-1914) (-)

Ion 121.00 (120.70 to 121.70): BM005427.D (-1914) (-)

Time-->

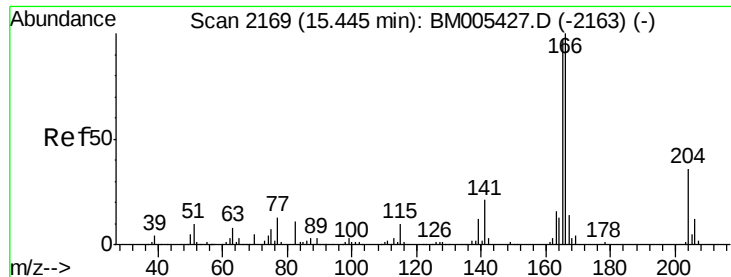


Abundance Ion 165.00 (164.70 to 165.70): BM005427.D (-1914) (-)

Ion 89.00 (88.70 to 89.70): BM005427.D (-1914) (-)

Ion 121.00 (120.70 to 121.70): BM005427.D (-1914) (-)

Time-->



#58

Fluorene

Concen: 0.05 ng/ul

RT: 15.39 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

Instrument :

BNA_M

ClientSampleId :

H4102

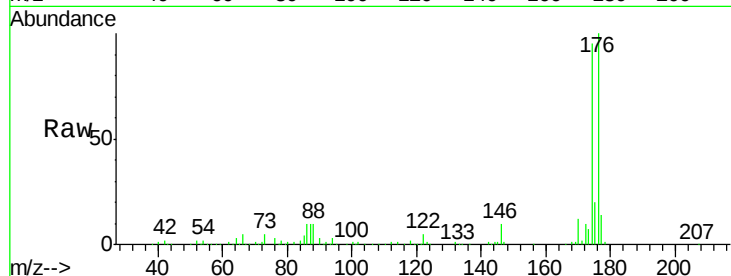
Tgt Ion:166 Resp: 678

Ion Ratio Lower Upper

166 100

165 0.0 77.9 116.9#

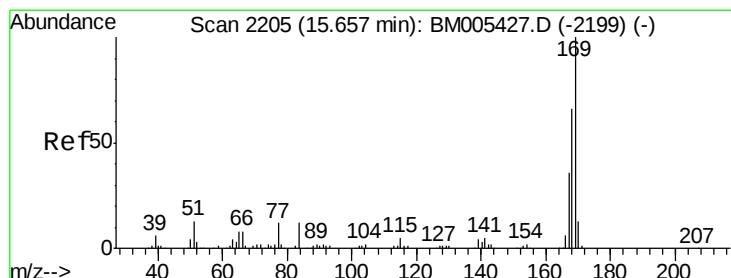
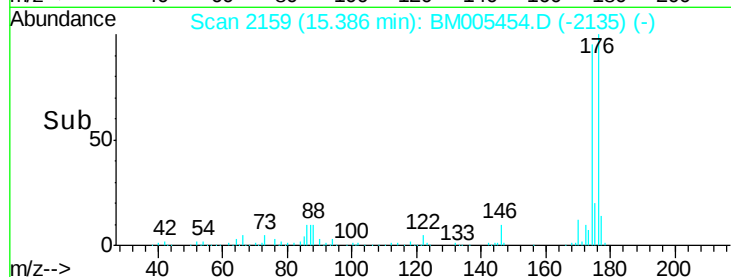
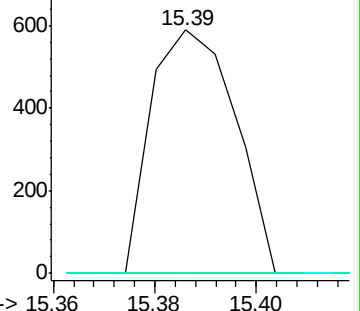
167 0.0 10.6 16.0#



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



#64

N-Nitrosodiphenylamine

Concen: 0.02 ng/ul

RT: 15.53 min Scan# 2183

Delta R.T. -0.13 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

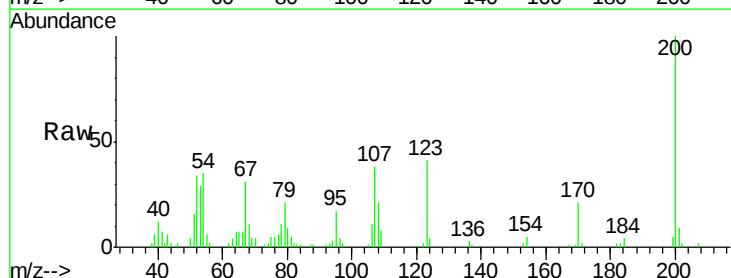
Tgt Ion:169 Resp: 252

Ion Ratio Lower Upper

169 100

168 0.0 52.9 79.3#

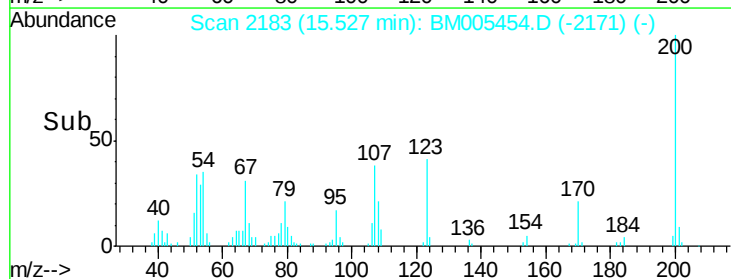
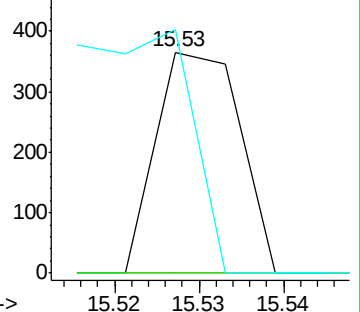
167 110.1 28.2 42.4#

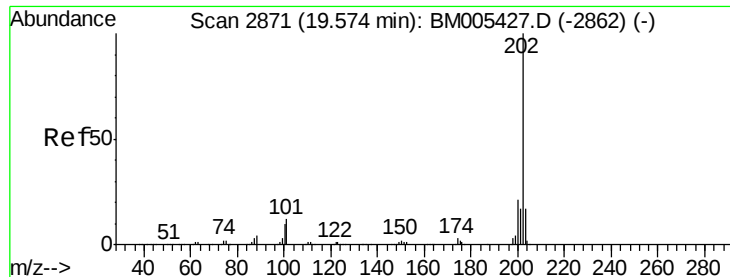


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

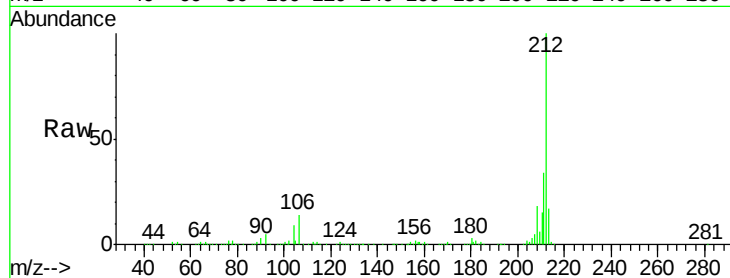




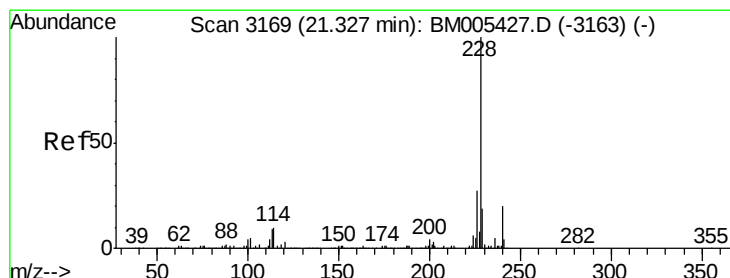
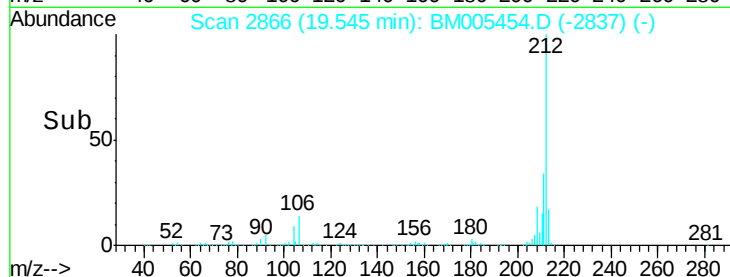
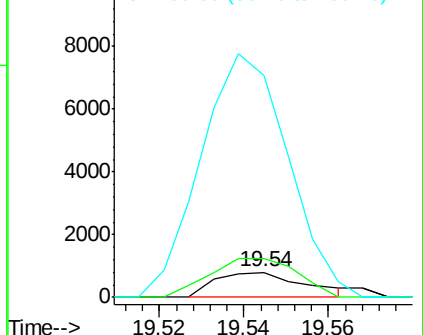
#77
 Pyrene
 Concen: 0.03 ng/ul
 RT: 19.54 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BM005454.D
 Acq: 14 May 2016 07:34

Instrument :
 BNA_M
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Tgt Ion:202 Resp: 1162
 Ion Ratio Lower Upper
 202 100
 101 153.5 10.8 16.2#
 100 880.0 8.4 12.6#

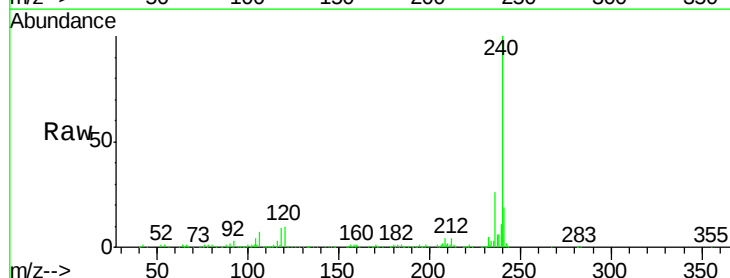


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

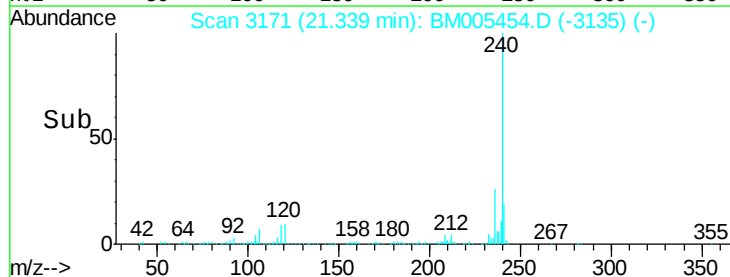
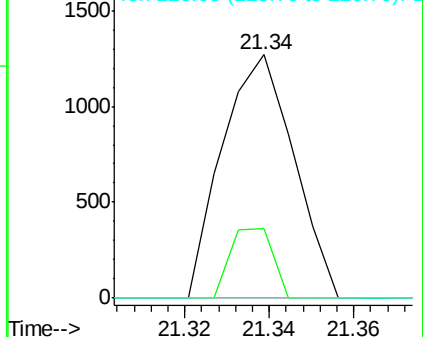


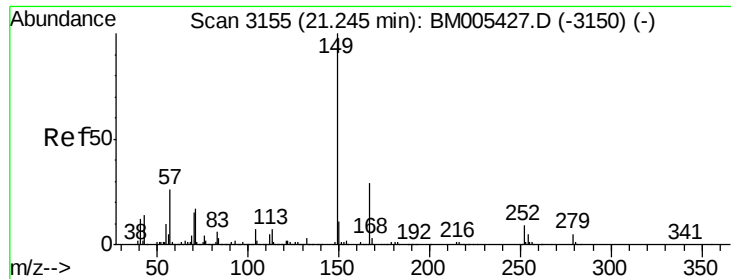
#80
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. 0.01 min
 Lab File: BM005454.D
 Acq: 14 May 2016 07:34

Tgt Ion:228 Resp: 1490
 Ion Ratio Lower Upper
 228 100
 229 28.5 15.5 23.3#
 226 0.0 21.8 32.8#



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

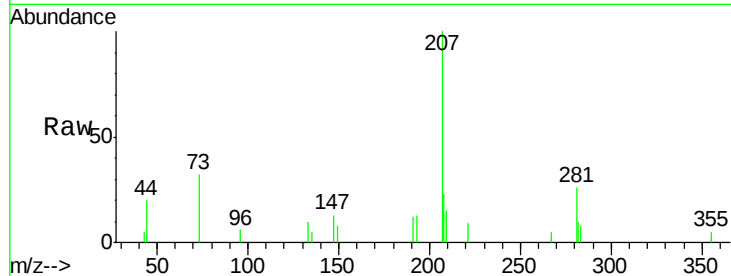




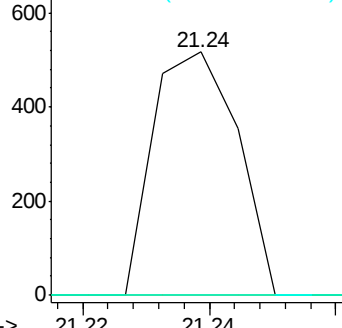
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BM005454.D
 Acq: 14 May 2016 07:34

Instrument :
 BNA_M
 ClientSampleId :
 H4102

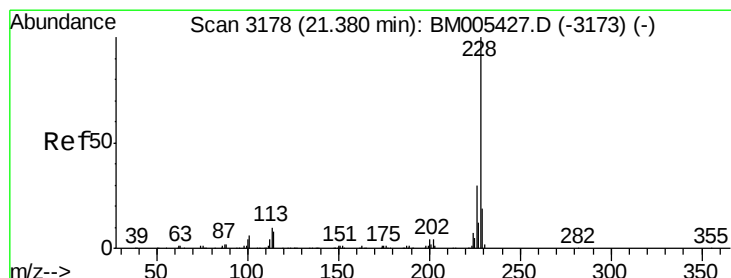
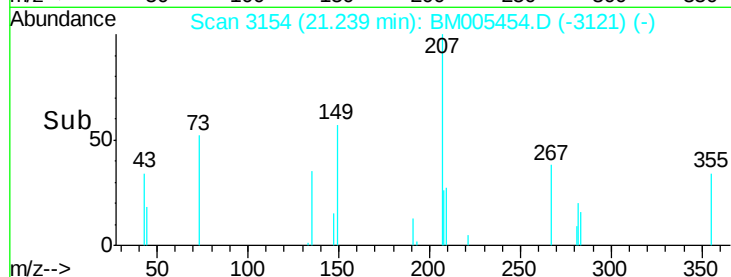
Tgt Ion:149 Resp: 474
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.0 4.4#



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

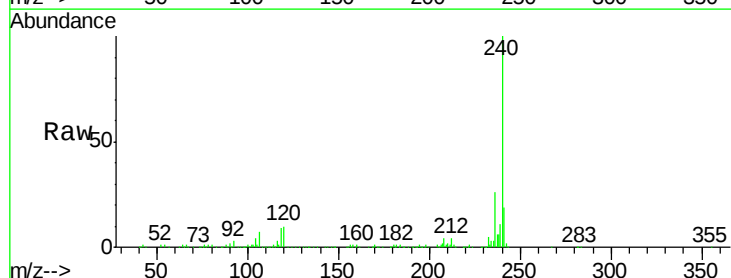


Time-->

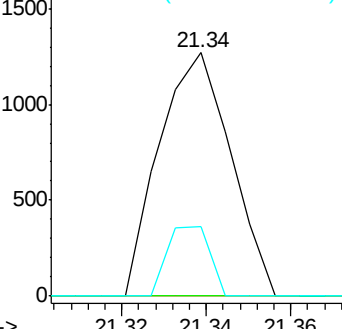


#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.04 min
 Lab File: BM005454.D
 Acq: 14 May 2016 07:34

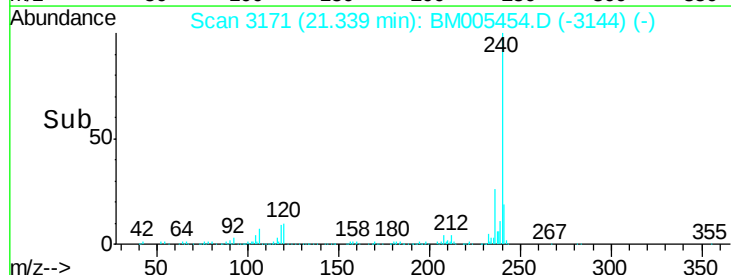
Tgt Ion:228 Resp: 1490
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.6 35.4#
 229 28.5 15.4 23.0#

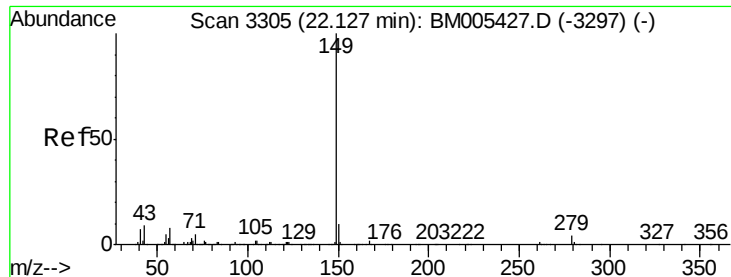


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.12 min Scan# 3304

Delta R.T. -0.01 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

Instrument :

BNA_M

ClientSampleId :

H4102

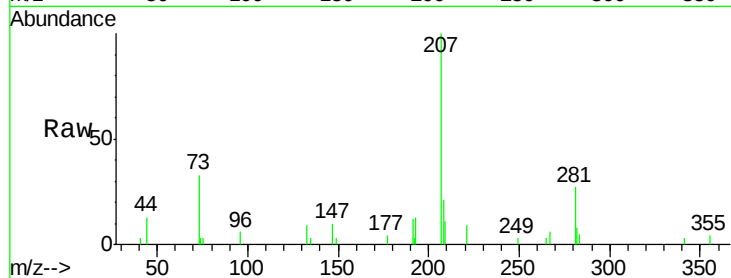
Tgt Ion:149 Resp: 349

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 7.4 11.0#

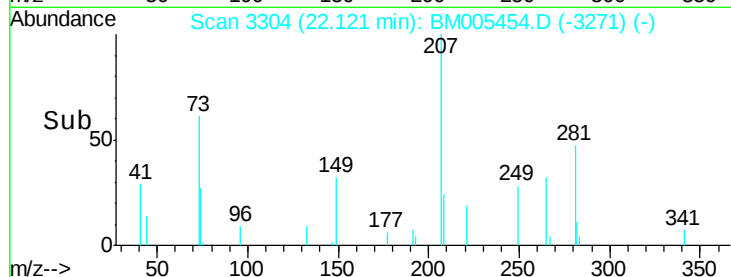


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

Time--> 22.10 22.12 22.14

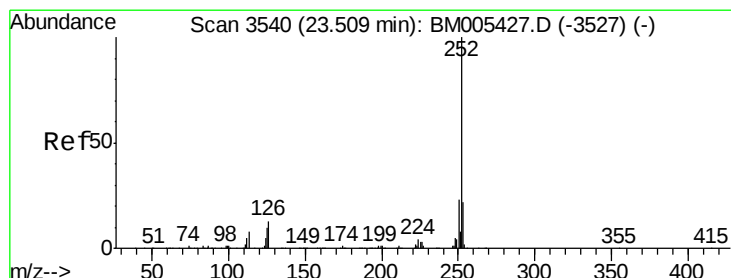


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

Time--> 22.10 22.12 22.14



#88

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.46 min Scan# 3532

Delta R.T. -0.05 min

Lab File: BM005454.D

Acq: 14 May 2016 07:34

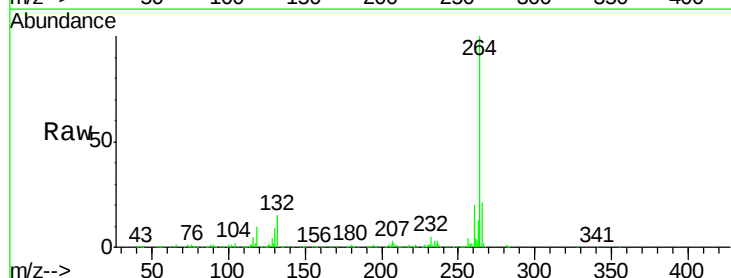
Tgt Ion:252 Resp: 2654

Ion Ratio Lower Upper

252 100

253 41.9 17.5 26.3#

125 19.9 8.7 13.1#

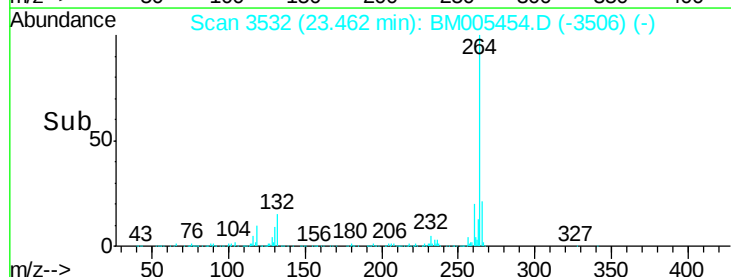


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 23.45 23.46 23.47



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--> 23.45 23.46 23.47