

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005456.D
 Acq On : 14 May 2016 08:47
 Operator : UM/SJ
 Sample : H2834-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4117

Quant Time: May 16 03:40:21 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	59923	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	287489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	188536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	468918	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	600035	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	535962	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1763	1.38	ng/uL	0.00
5) Phenol-d5	6.93	99	34814	6.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	96883	31.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	105175	25.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	65277	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	66489	32.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	76348	32.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	119147	27.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	9889	1.90	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	483566	32.00	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	575966	32.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	7570	2.74	ng/ul	0.03
57) Fluorene-d10	15.39	176	420362	32.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	65350	24.77	ng/ul	0.00
70) Anthracene-d10	17.24	188	674626	32.55	ng/ul	0.00
76) Pyrene-d10	19.54	212	824229	29.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	782907	33.00	ng/ul	0.00

Target Compounds

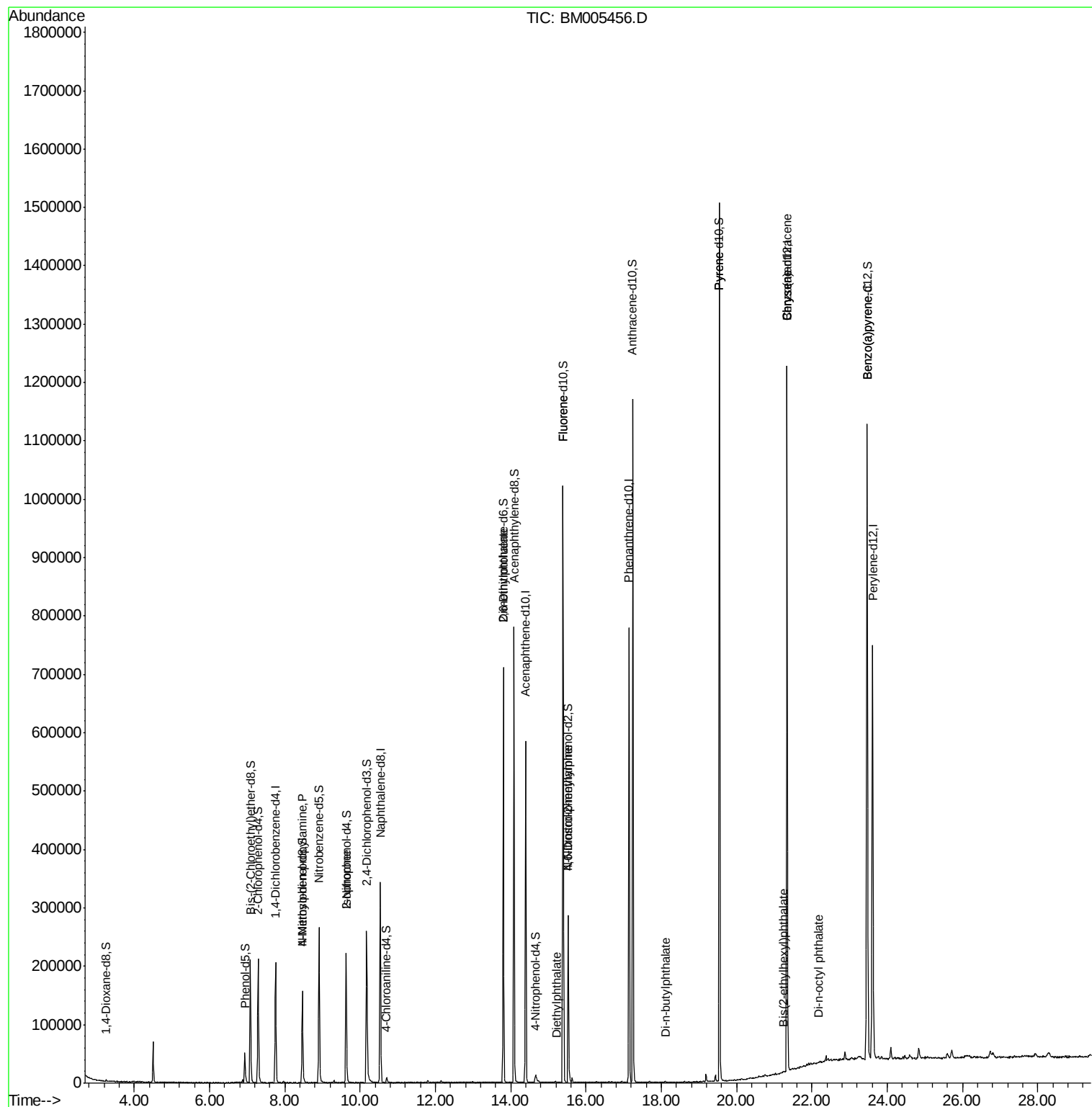
						Qvalue
15) N-Nitroso-di-n-propylamine	8.46	70	1327	0.38	ng/ul#	1
21) Isophorone	9.63	82	6494	0.65	ng/ul#	72
45) 2,6-Dinitrotoluene	13.80	165	3033	1.02	ng/ul#	41
56) Diethylphthalate	15.22	149	575	0.04	ng/ul#	59
58) Fluorene	15.39	166	929	0.07	ng/ul#	9
64) N-Nitrosodiphenylamine	15.53	169	416	0.03	ng/ul#	25
73) Di-n-butylphthalate	18.10	149	1675	0.06	ng/ul#	78
77) Pyrene	19.54	202	849	0.02	ng/ul#	1
80) Benzo(a)anthracene	21.34	228	1346	0.04	ng/ul#	52
81) Bis(2-ethylhexyl)phthalate	21.24	149	480	0.02	ng/ul#	52
82) Chrysene	21.34	228	1346	0.04	ng/ul#	50
84) Di-n-octyl phthalate	22.17	149	241	0.01	ng/ul#	78
88) Benzo(a)pyrene	23.47	252	2339	0.08	ng/ul#	44

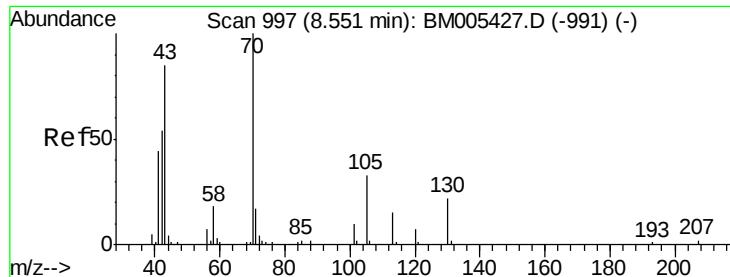
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 0.38 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. -0.09 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

Instrument :

BNA_M

ClientSampleId :

H4117

Tgt Ion: 70 Resp: 1327

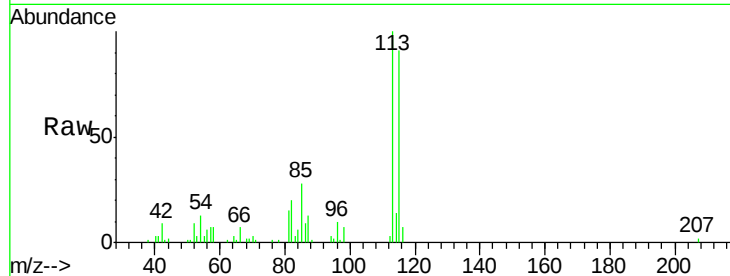
Ion Ratio Lower Upper

70 100

42 347.7 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

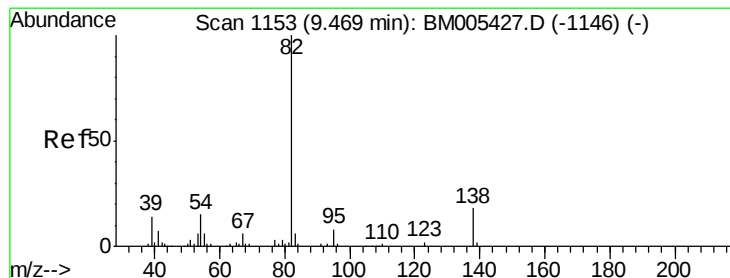
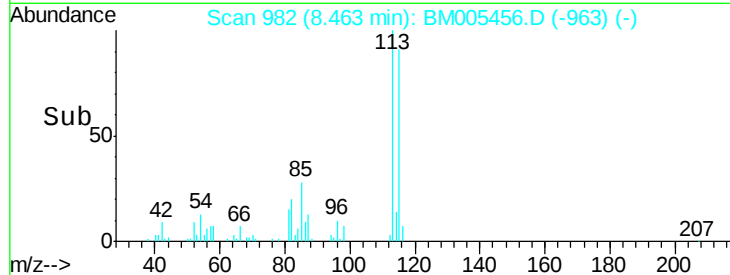
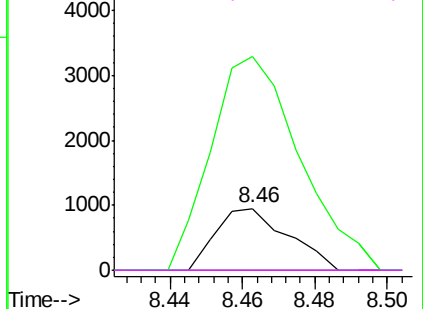


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 0.65 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.16 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

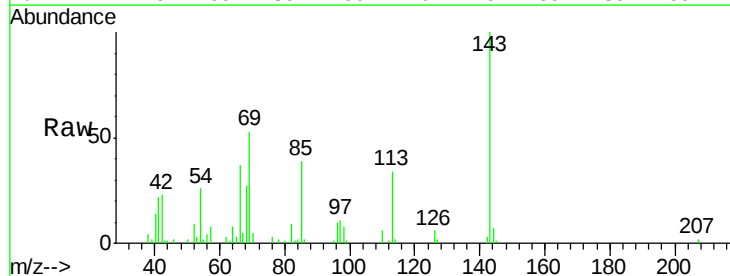
Tgt Ion: 82 Resp: 6494

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.0

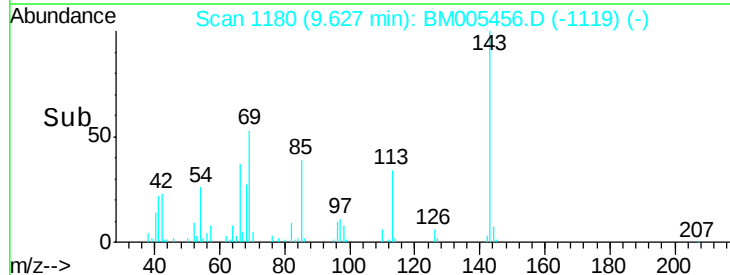
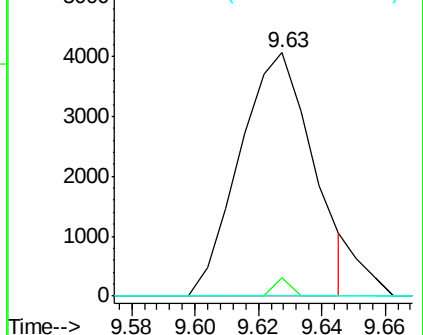
138 0.0 13.4 20.2#

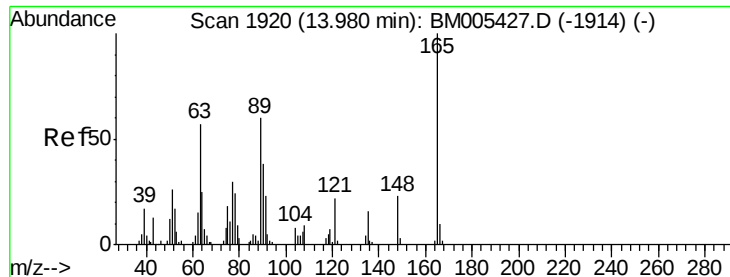


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#45

2,6-Dinitrotoluene

Concen: 1.02 ng/ul

RT: 13.80 min Scan# 1890

Delta R.T. -0.18 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

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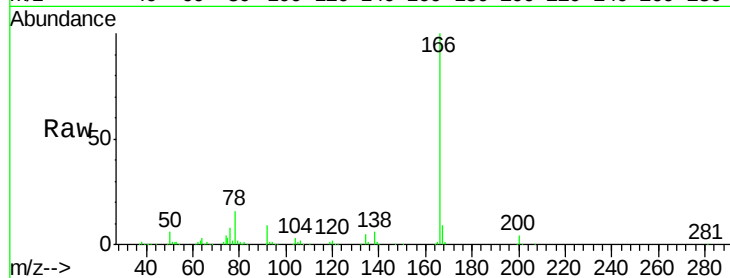
Tgt Ion:165 Resp: 3033

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

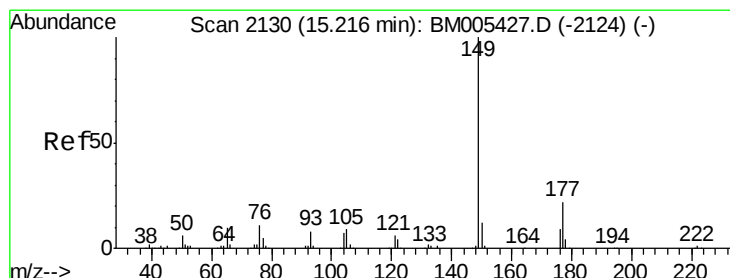
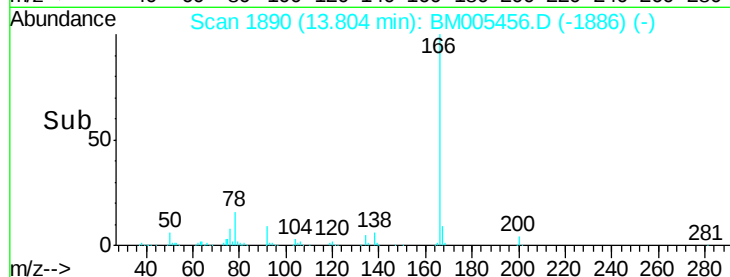
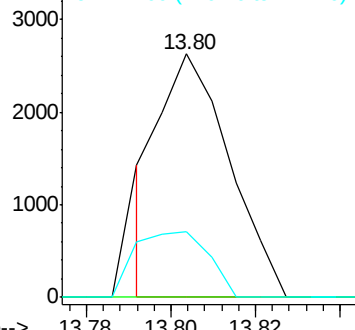
121 27.0 21.0 31.4



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



#56

Diethylphthalate

Concen: 0.04 ng/ul

RT: 15.22 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

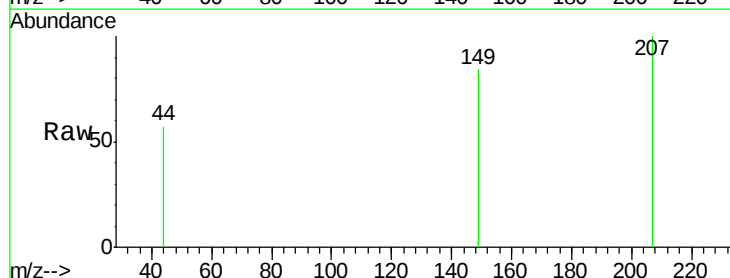
Tgt Ion:149 Resp: 575

Ion Ratio Lower Upper

149 100

177 0.0 17.6 26.4#

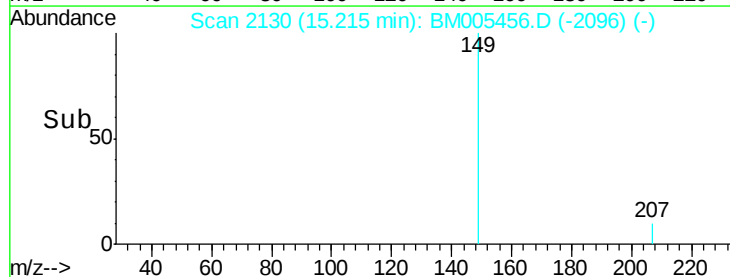
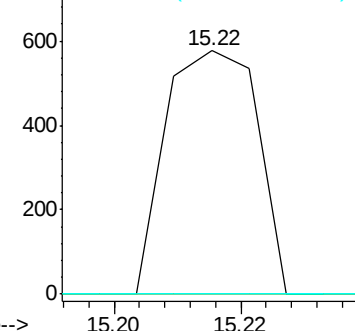
150 0.0 9.8 14.8#

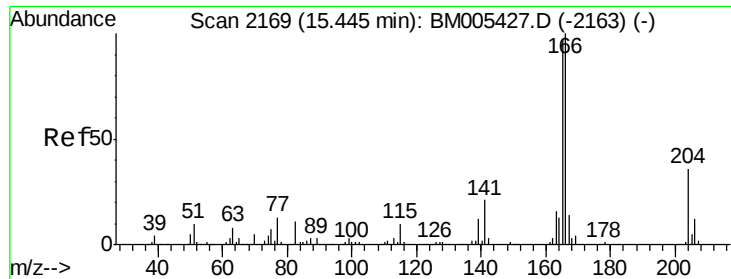


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 0.07 ng/ul

RT: 15.39 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

Instrument :

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H4117

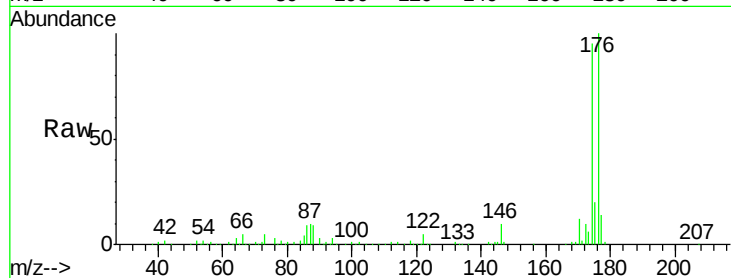
Tgt Ion:166 Resp: 929

Ion Ratio Lower Upper

166 100

165 0.0 77.9 116.9#

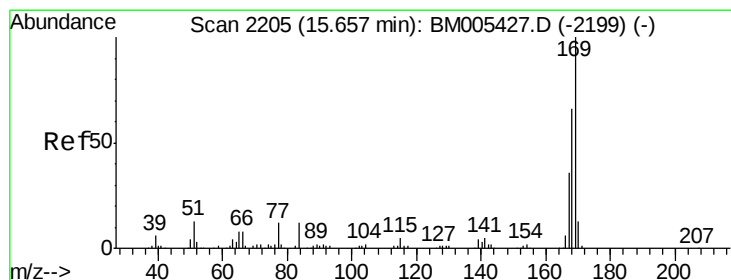
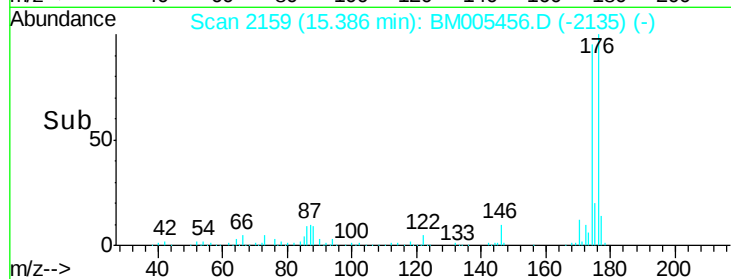
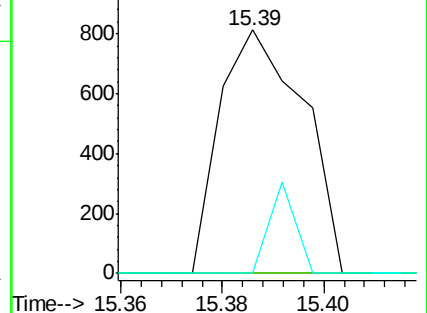
167 0.0 10.6 16.0#



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: 0.03 ng/ul

RT: 15.53 min Scan# 2183

Delta R.T. -0.13 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

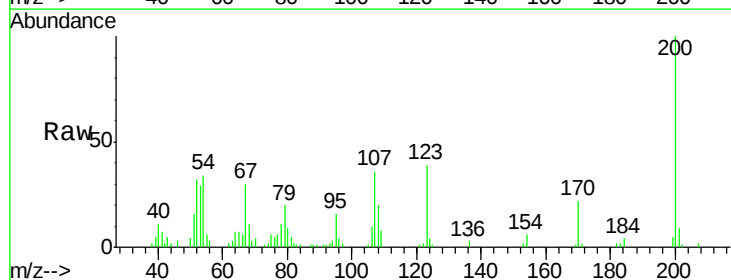
Tgt Ion:169 Resp: 416

Ion Ratio Lower Upper

169 100

168 0.0 52.9 79.3#

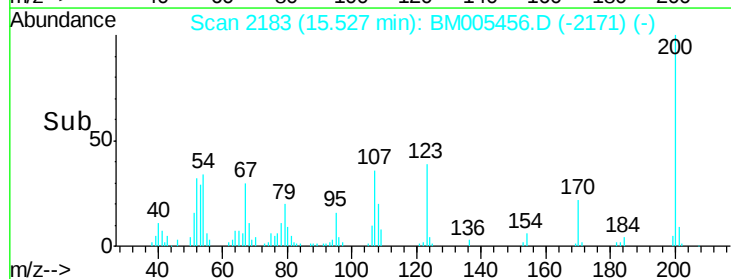
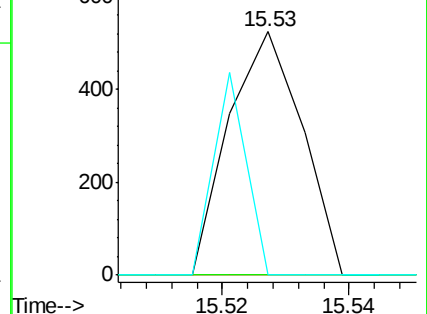
167 0.0 28.2 42.4#

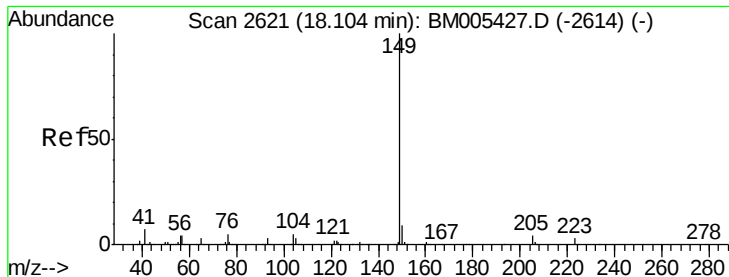


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#73

Di-n-butylphthalate

Concen: 0.06 ng/ul

RT: 18.10 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

Instrument :

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ClientSampleId :

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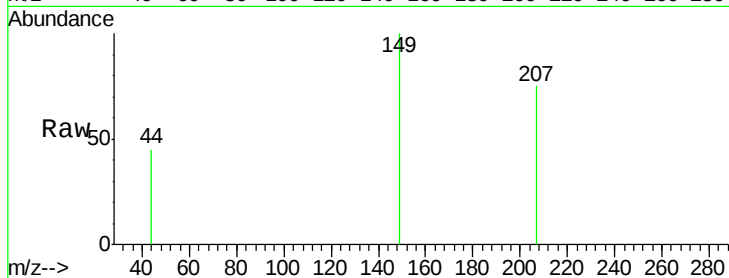
Tgt Ion:149 Resp: 1675

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

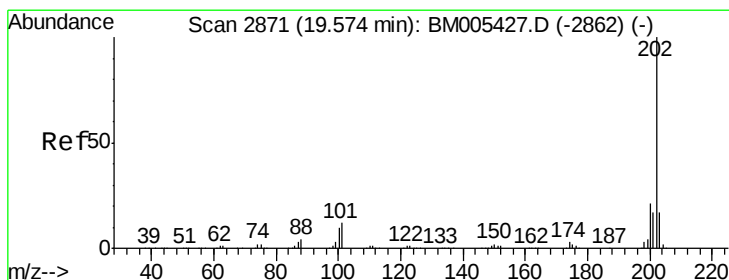
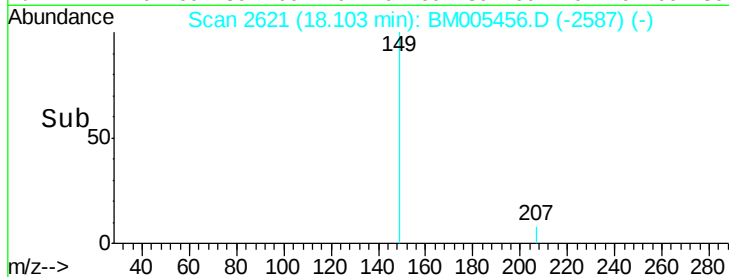
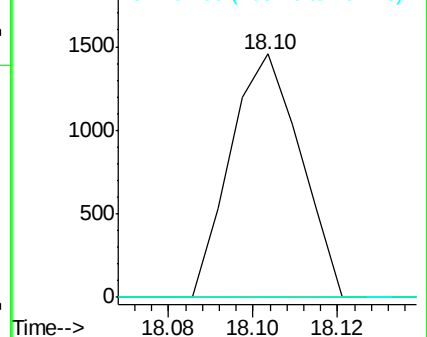
104 0.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Pyrene

Concen: 0.02 ng/ul

RT: 19.54 min Scan# 2865

Delta R.T. -0.04 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

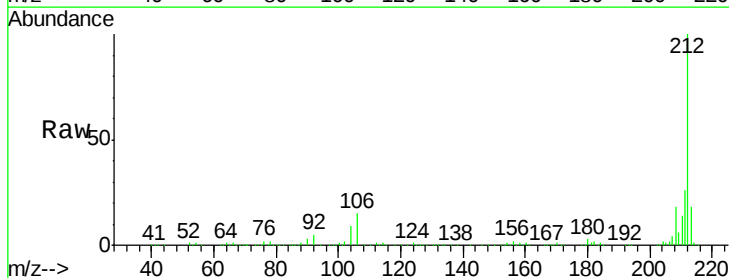
Tgt Ion:202 Resp: 849

Ion Ratio Lower Upper

202 100

101 186.5 10.8 16.2#

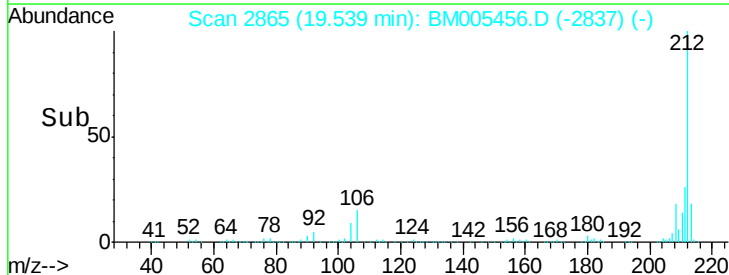
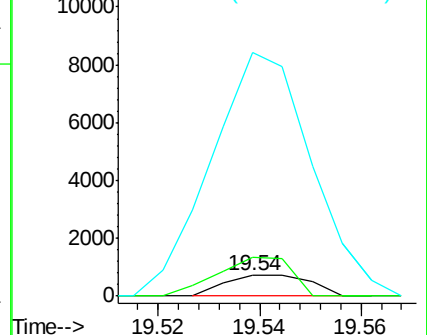
100 1169.7 8.4 12.6#

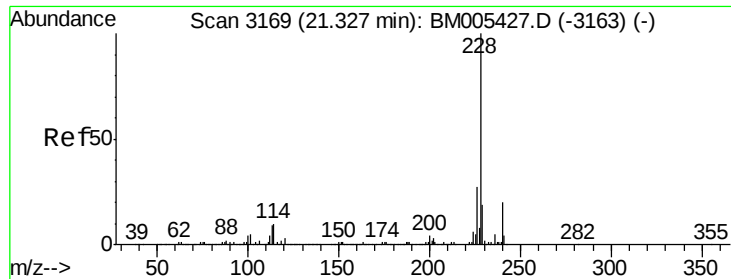


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

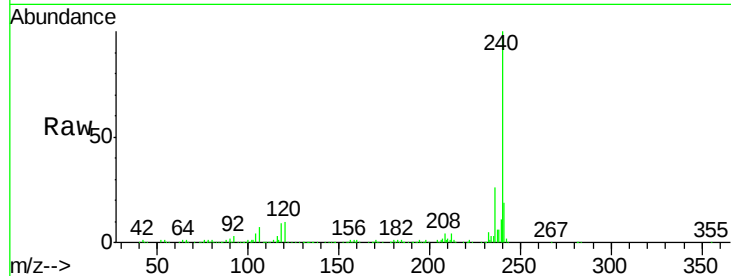




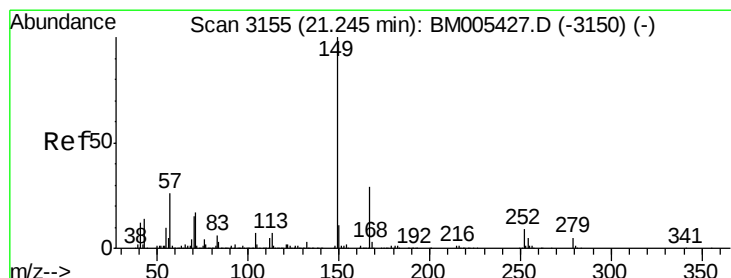
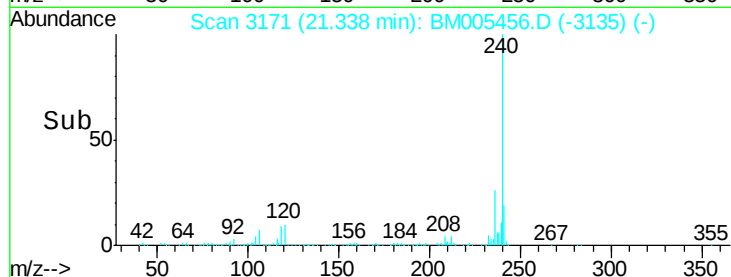
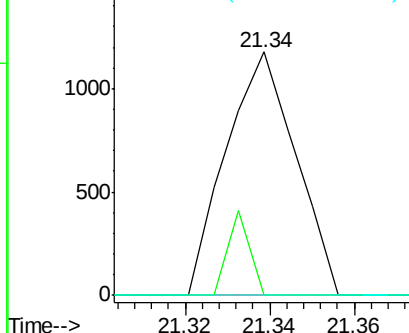
#80
 Benzo(a)anthracene
 Concen: 0.04 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. 0.01 min
 Lab File: BM005456.D
 Acq: 14 May 2016 08:47

Instrument :
 BNA_M
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Tgt Ion: 228 Resp: 1346
 Ion Ratio Lower Upper
 228 100
 229 0.0 15.5 23.3#
 226 0.0 21.8 32.8#

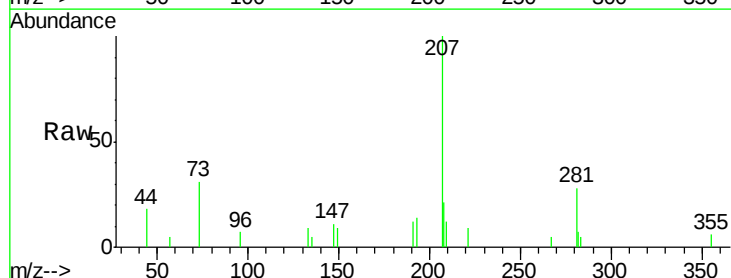


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

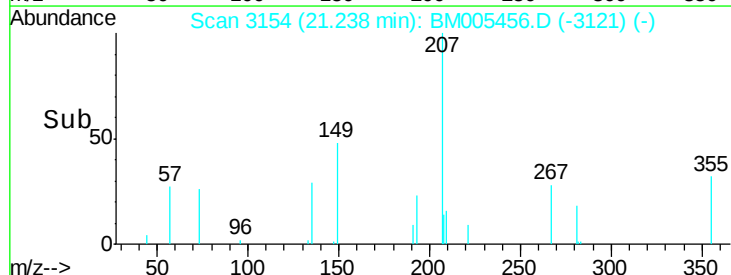
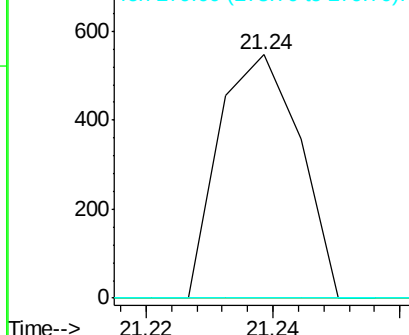


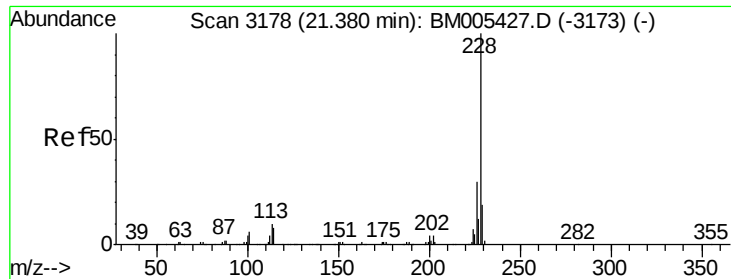
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.02 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BM005456.D
 Acq: 14 May 2016 08:47

Tgt Ion: 149 Resp: 480
 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

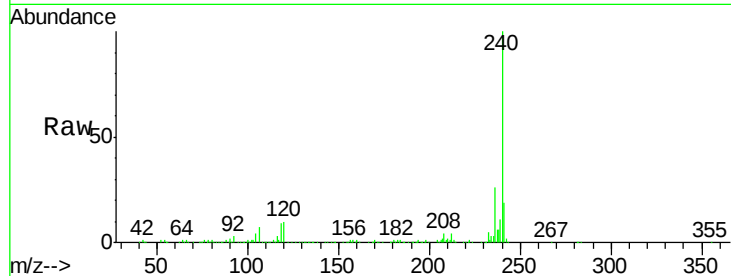




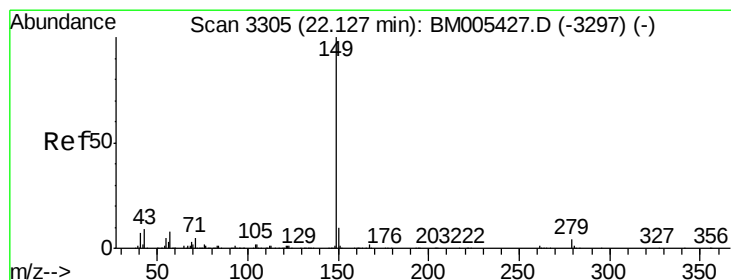
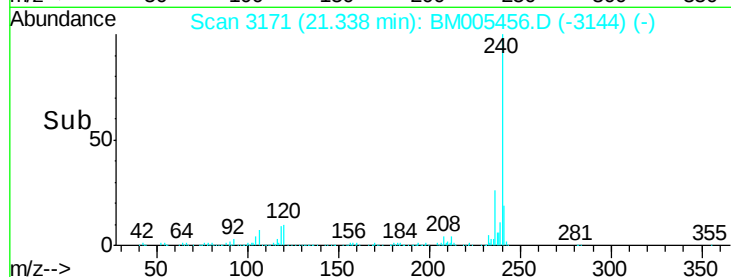
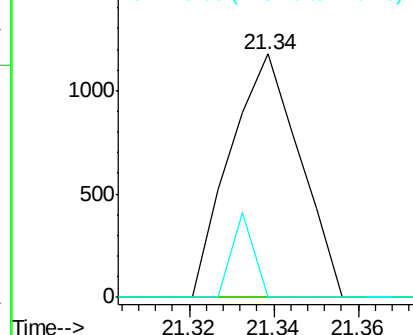
#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.04 min
 Lab File: BM005456.D
 Acq: 14 May 2016 08:47

Instrument :
 BNA_M
 ClientSampleId :
 H4117

Tgt Ion:228 Resp: 1346
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.6 35.4#
 229 0.0 15.4 23.0#

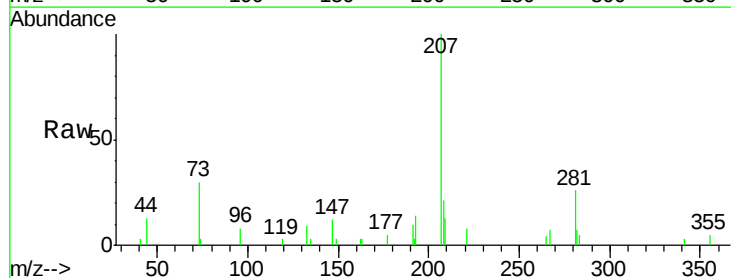


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

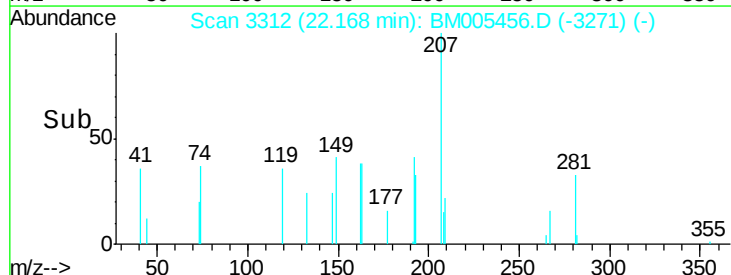
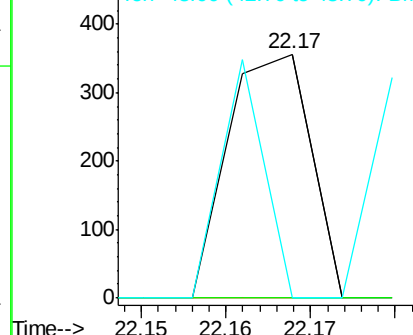


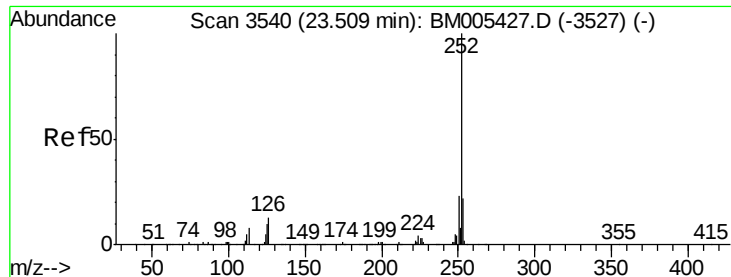
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng/ul
 RT: 22.17 min Scan# 3312
 Delta R.T. 0.04 min
 Lab File: BM005456.D
 Acq: 14 May 2016 08:47

Tgt Ion:149 Resp: 241
 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): BM0





#88

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.47 min Scan# 3533

Delta R.T. -0.04 min

Lab File: BM005456.D

Acq: 14 May 2016 08:47

Instrument :

BNA_M

ClientSampleId :

H4117

Tgt Ion:252 Resp: 2339

Ion Ratio Lower Upper

252 100

253 50.5 17.5 26.3#

125 29.0 8.7 13.1#

