

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005451.D
 Acq On : 14 May 2016 05:45
 Operator : UM/SJ
 Sample : H2834-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4002

Quant Time: May 16 03:39:21 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	51866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	247395	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	166462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	417043	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	546706	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	500572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1664	1.51	ng/uL	0.00
5) Phenol-d5	6.93	99	32450	6.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	86793	32.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	92174	25.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	60687	15.61	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	59072	33.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	67168	33.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	109832	29.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	12525	2.80	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	452555	33.92	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	522280	33.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	6287	2.58	ng/ul	0.04
57) Fluorene-d10	15.39	176	391110	33.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	63277	26.97	ng/ul	0.00
70) Anthracene-d10	17.24	188	647448	35.12	ng/ul	0.00
76) Pyrene-d10	19.54	212	816304	32.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	807577	36.45	ng/ul	0.00

Target Compounds

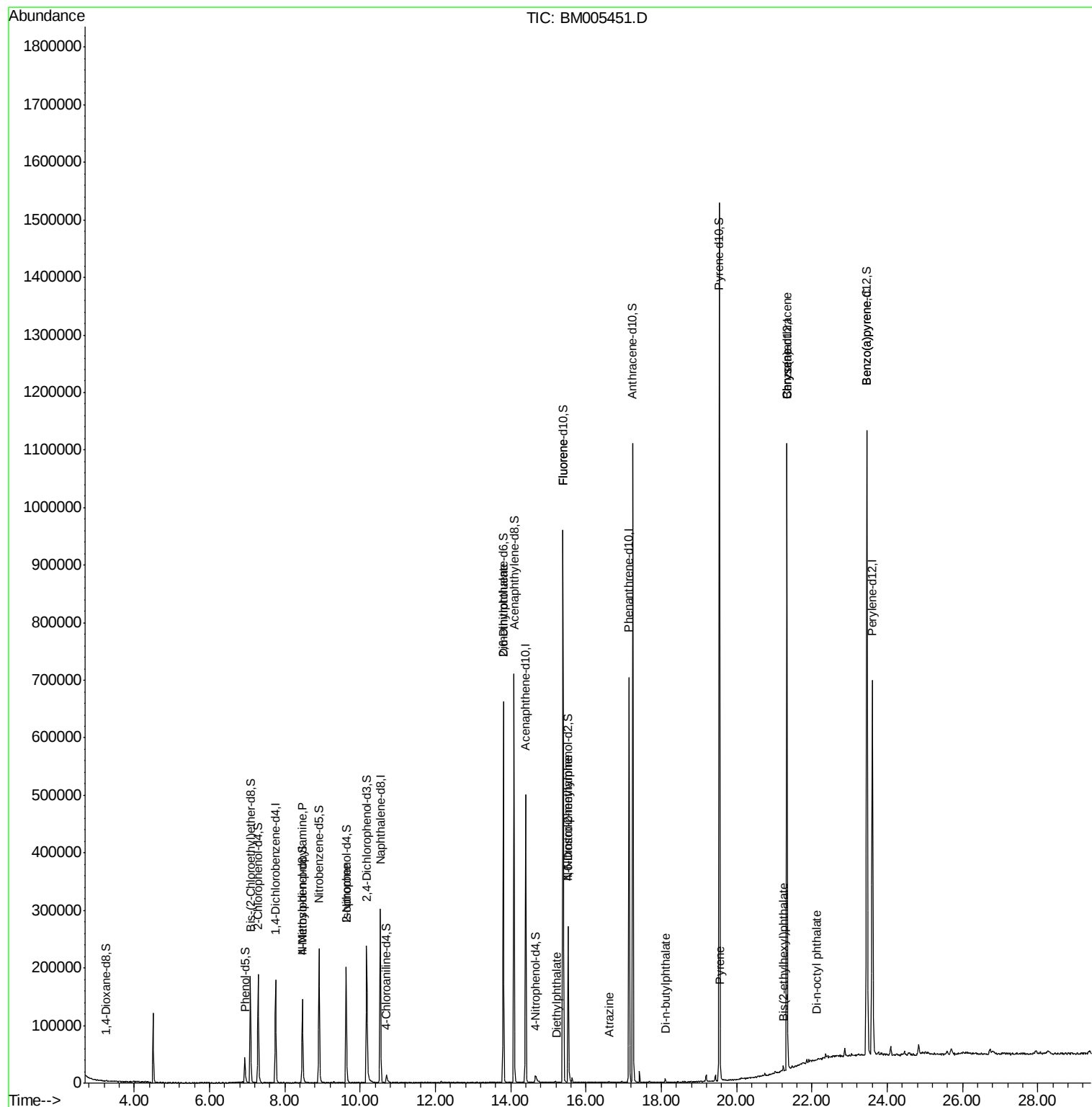
						Qvalue
15) N-Nitroso-di-n-propylamine	8.46	70	1268	0.42	ng/ul#	1
21) Isophorone	9.63	82	5842	0.68	ng/ul#	67
45) 2,6-Dinitrotoluene	13.80	165	2929	1.11	ng/ul#	40
56) Diethylphthalate	15.22	149	451	0.03	ng/ul#	59
58) Fluorene	15.39	166	885	0.07	ng/ul#	9
64) N-Nitrosodiphenylamine	15.53	169	370	0.03	ng/ul#	14
67) Atrazine	16.61	200	265	0.06	ng/ul#	37
73) Di-n-butylphthalate	18.10	149	6750	0.29	ng/ul	99
77) Pyrene	19.57	202	107	0.00	ng/ul#	69
80) Benzo(a)anthracene	21.33	228	1321	0.04	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.23	149	3406	0.19	ng/ul#	93
82) Chrysene	21.33	228	1321	0.04	ng/ul#	58
84) Di-n-octyl phthalate	22.13	149	354	0.01	ng/ul#	78
88) Benzo(a)pyrene	23.46	252	2589	0.09	ng/ul#	49

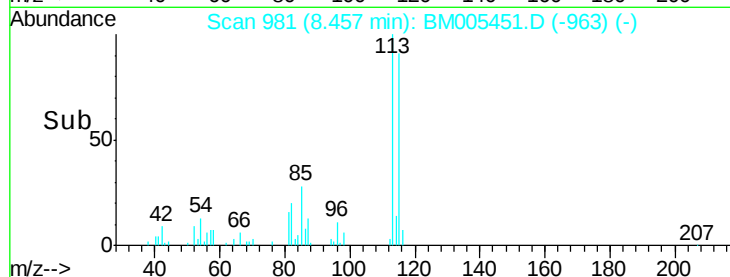
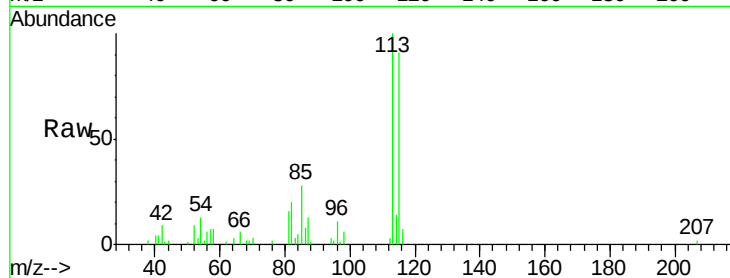
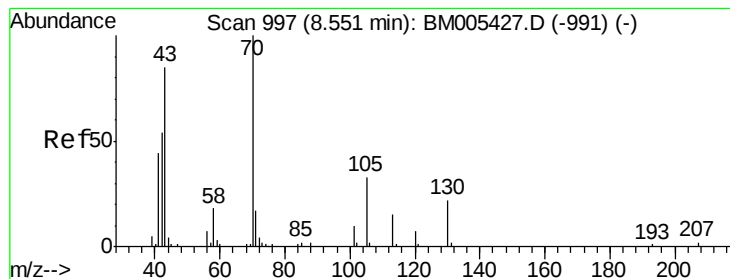
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 0.42 ng/ul

RT: 8.46 min Scan# 981

Delta R.T. -0.09 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

Instrument :

BNA_M

ClientSampleId :

H4002

Tgt Ion: 70 Resp: 1268

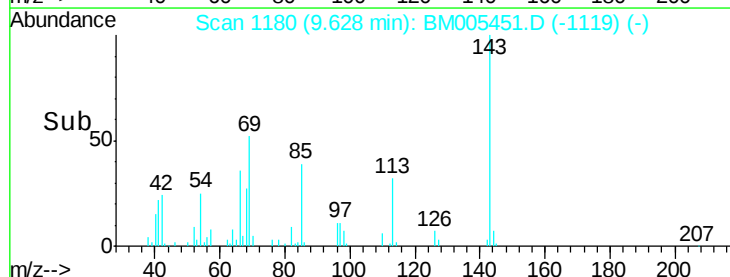
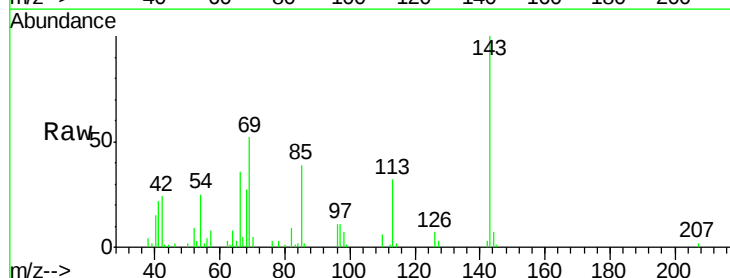
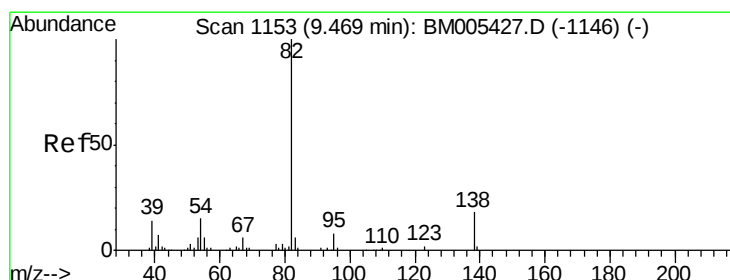
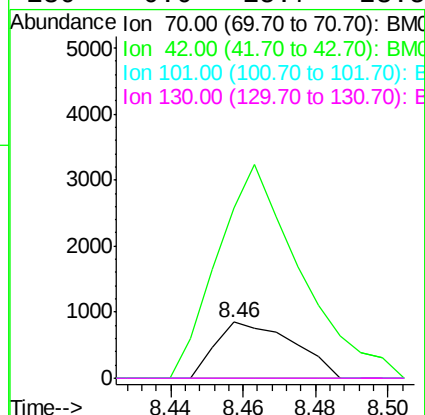
Ion Ratio Lower Upper

70 100

42 302.2 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#



#21

Isophorone

Concen: 0.68 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.16 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

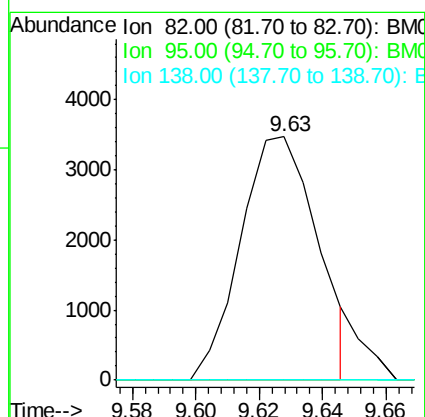
Tgt Ion: 82 Resp: 5842

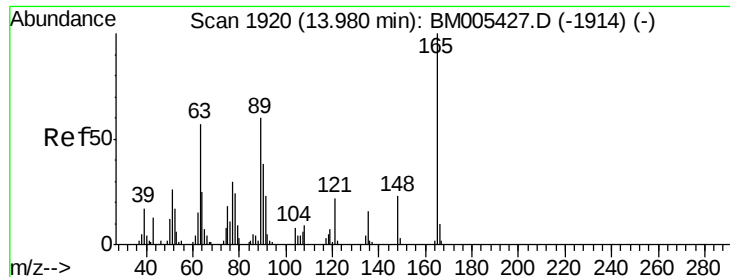
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.2#

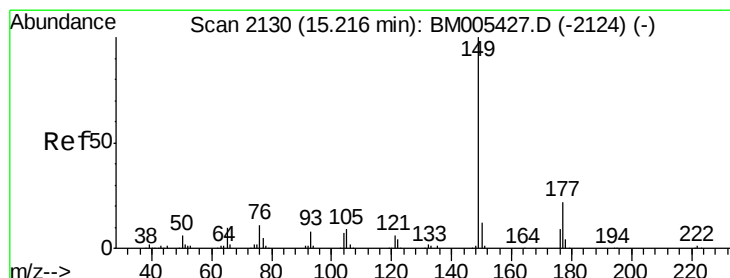
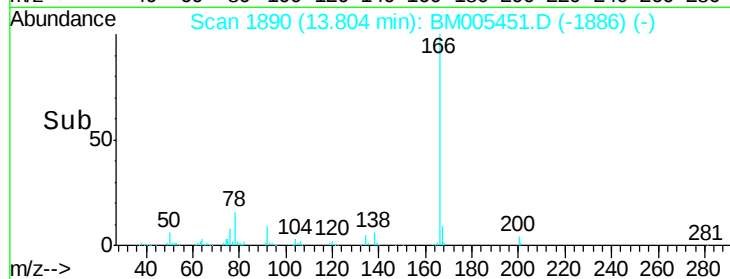
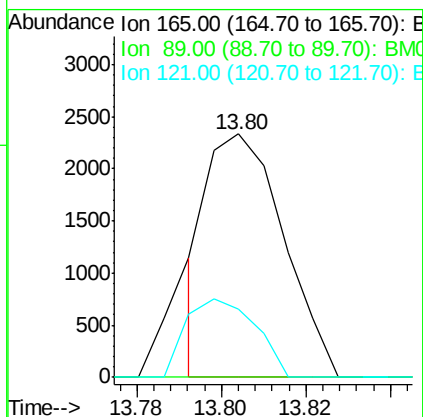
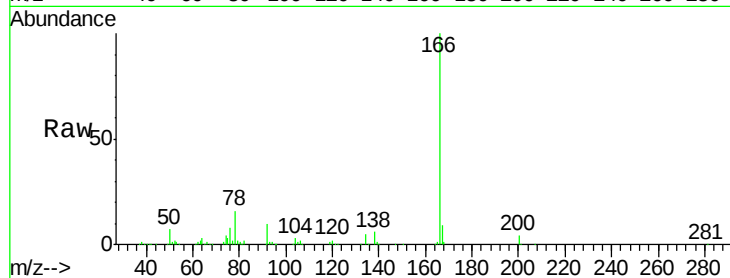




#45
 2,6-Dinitrotoluene
 Concen: 1.11 ng/ul
 RT: 13.80 min Scan# 1890
 Delta R.T. -0.18 min
 Lab File: BM005451.D
 Acq: 14 May 2016 05:45

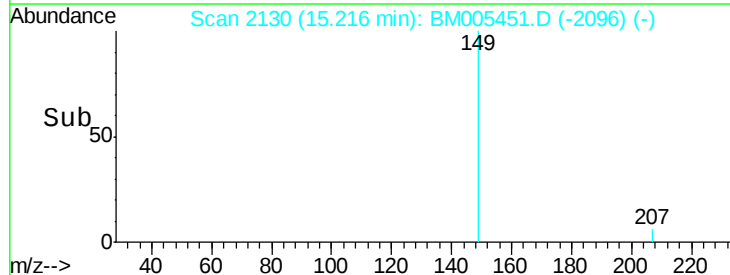
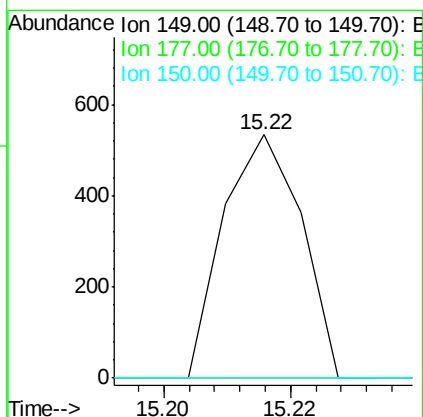
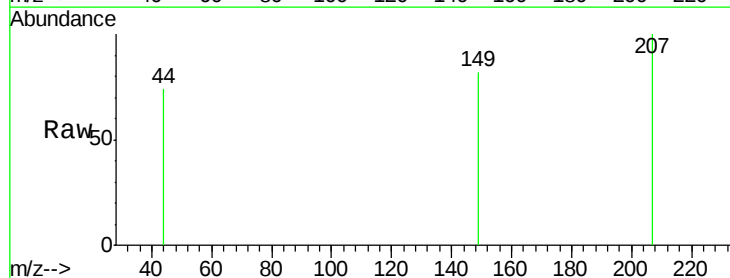
Instrument :
 BNA_M
 ClientSampleId :
 H4002

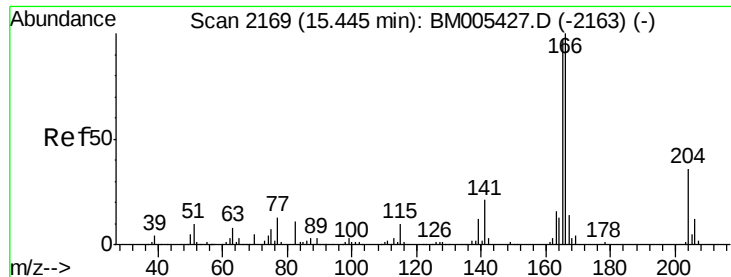
Tgt Ion:165 Resp: 2929
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 28.3 21.0 31.4



#56
 Diethylphthalate
 Concen: 0.03 ng/ul
 RT: 15.22 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM005451.D
 Acq: 14 May 2016 05:45

Tgt Ion:149 Resp: 451
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.6 26.4#
 150 0.0 9.8 14.8#





#58

Fluorene

Concen: 0.07 ng/ul

RT: 15.39 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

Instrument :

BNA_M

ClientSampleId :

H4002

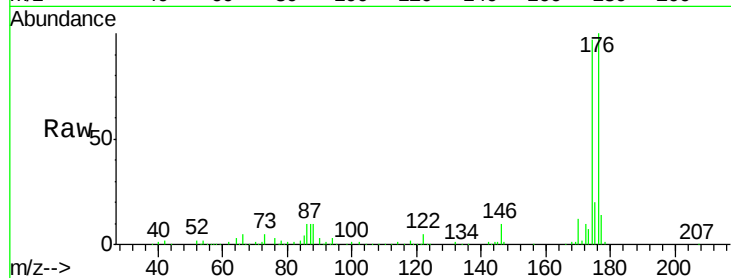
Tgt Ion:166 Resp: 885

Ion Ratio Lower Upper

166 100

165 0.0 77.9 116.9#

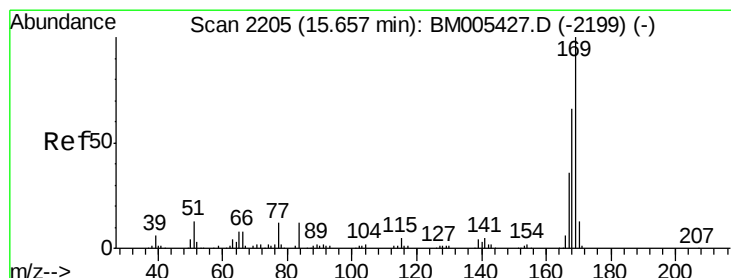
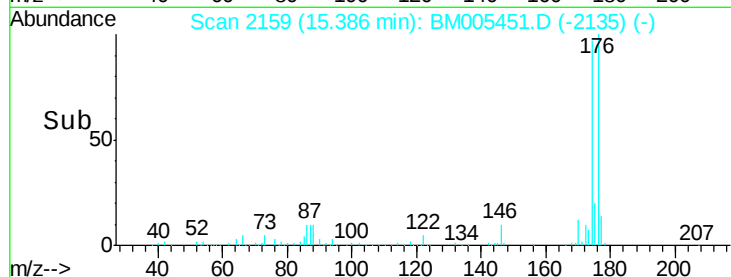
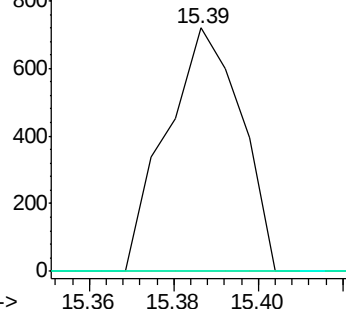
167 0.0 10.6 16.0#



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: BM005451.D

Acq: 14 May 2016 05:45

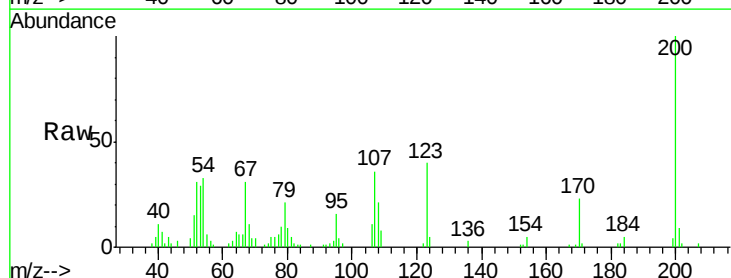
Tgt Ion:169 Resp: 370

Ion Ratio Lower Upper

169 100

168 0.0 52.9 79.3#

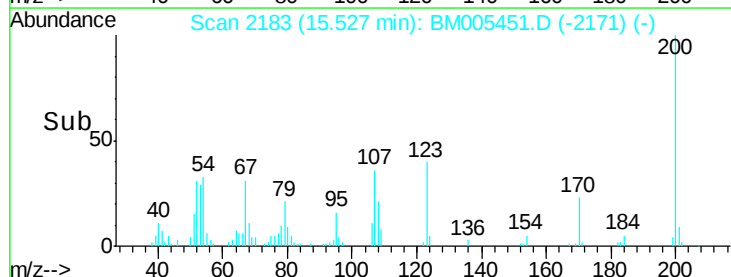
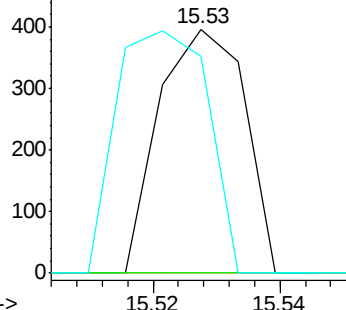
167 89.1 28.2 42.4#

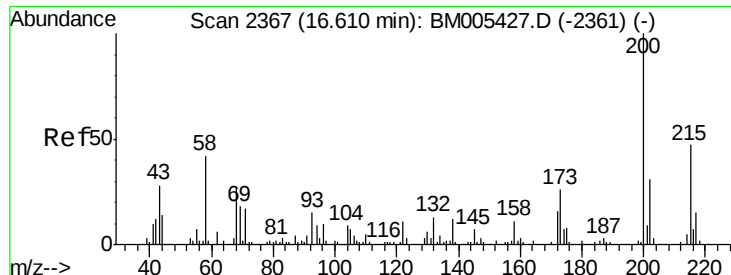


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Atrazine

Concen: 0.06 ng/ul

RT: 16.61 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

Instrument :

BNA_M

ClientSampleId :

H4002

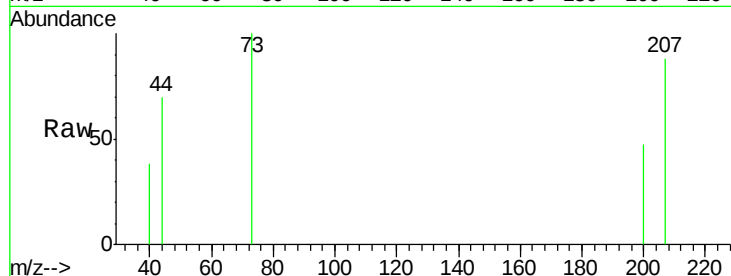
Tgt Ion:200 Resp: 265

Ion Ratio Lower Upper

200 100

173 0.0 21.0 31.4#

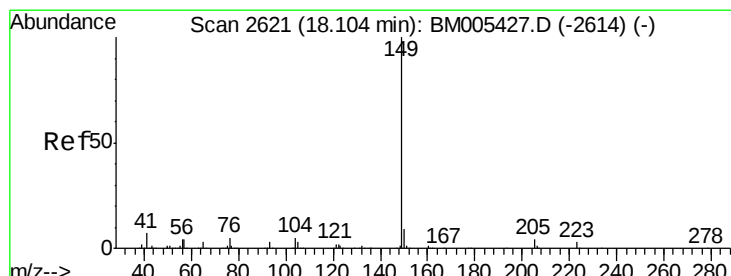
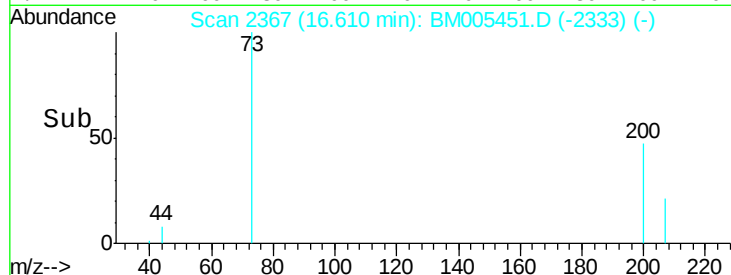
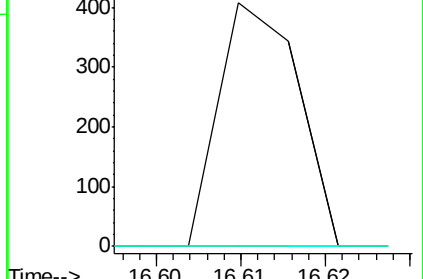
215 0.0 37.4 56.2#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#73

Di-n-butylphthalate

Concen: 0.29 ng/ul

RT: 18.10 min Scan# 2621

Delta R.T. 0.00 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

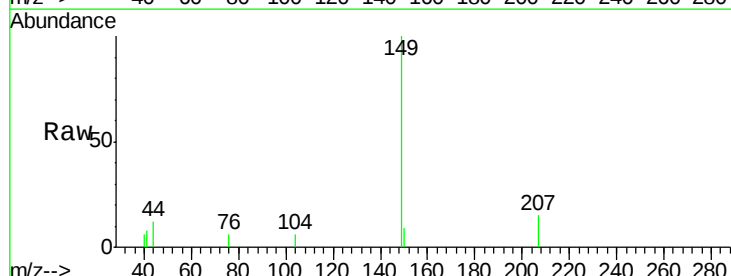
Tgt Ion:149 Resp: 6750

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

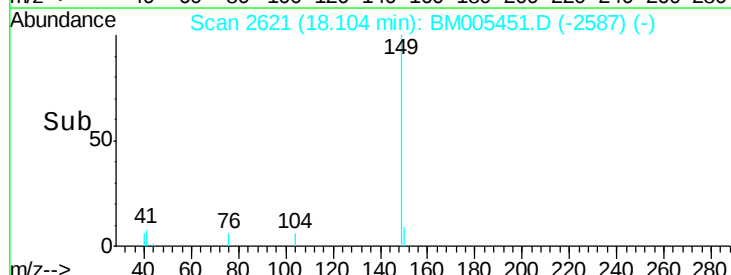
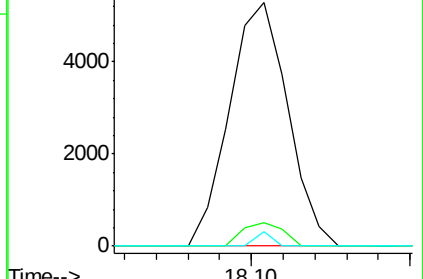
104 5.7 4.1 6.1

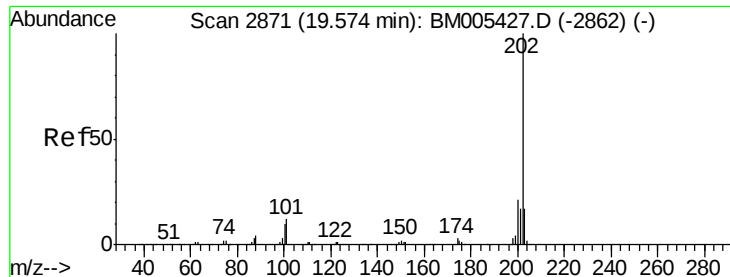


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Pyrene

Concen: 0.00 ng/ul

RT: 19.57 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

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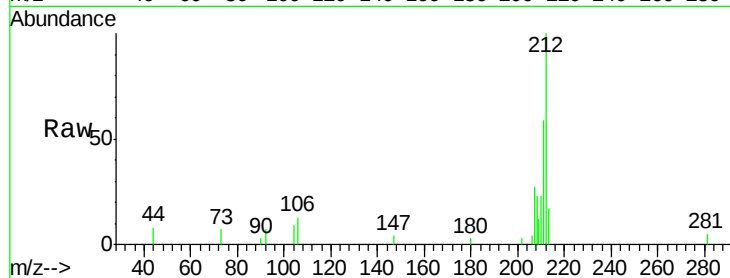
Tgt Ion:202 Resp: 107

Ion Ratio Lower Upper

202 100

101 0.0 10.8 16.2#

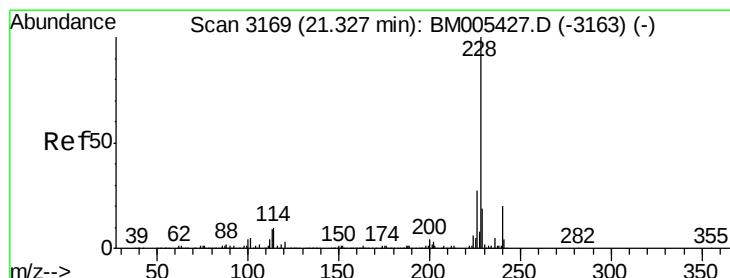
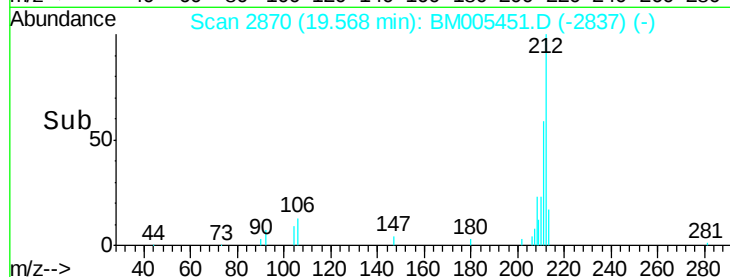
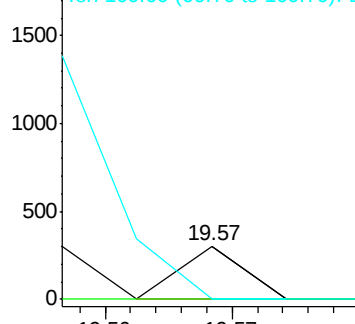
100 0.0 8.4 12.6#



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: 21.33 min Scan# 3170

Delta R.T. 0.01 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

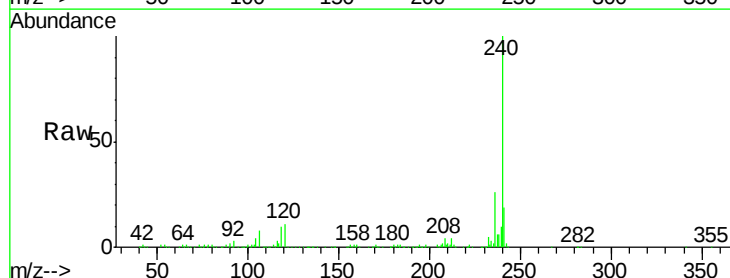
Tgt Ion:228 Resp: 1321

Ion Ratio Lower Upper

228 100

229 29.7 15.5 23.3#

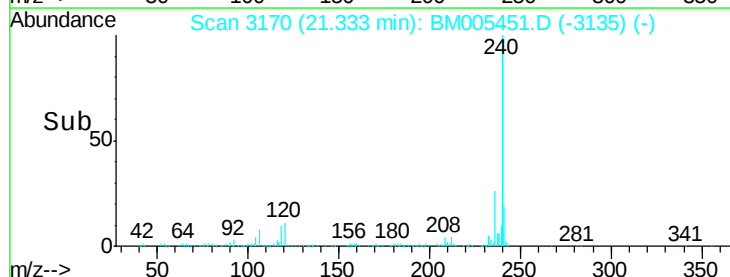
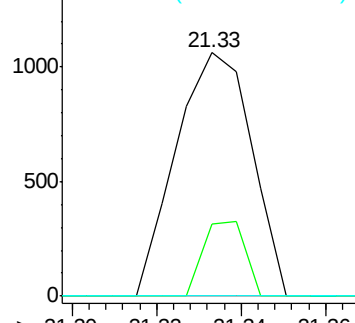
226 0.0 21.8 32.8#

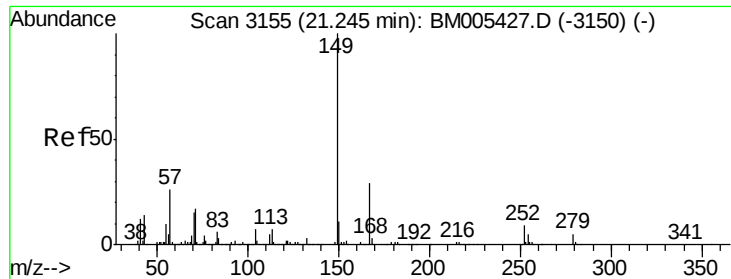


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

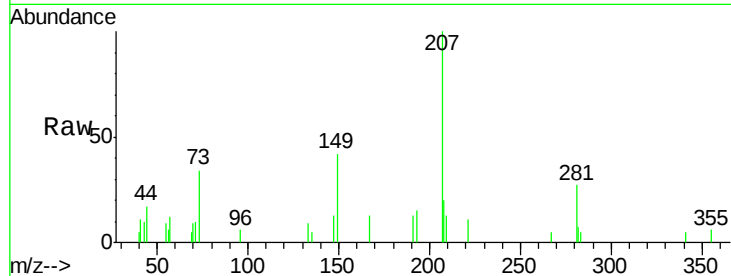




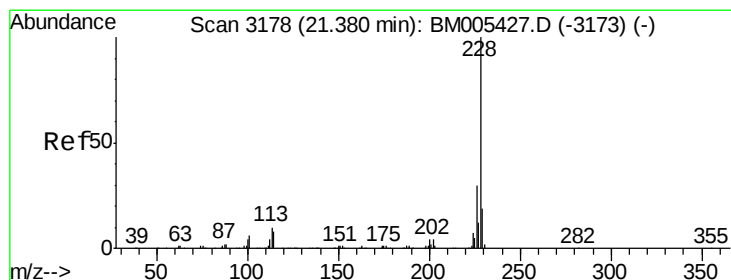
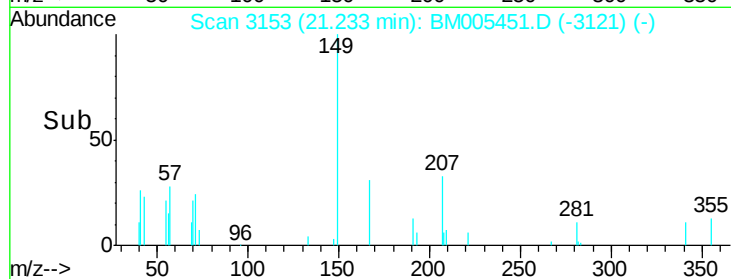
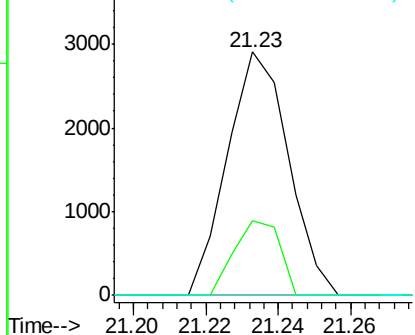
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng/ul
 RT: 21.23 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BM005451.D
 Acq: 14 May 2016 05:45

Instrument :
 BNA_M
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 H4002

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	21.9	32.9
279	0.0	3.0	4.4#

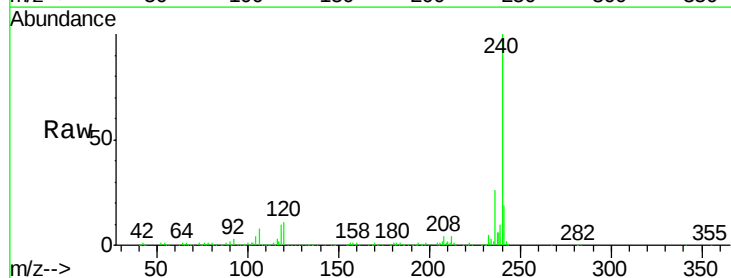


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

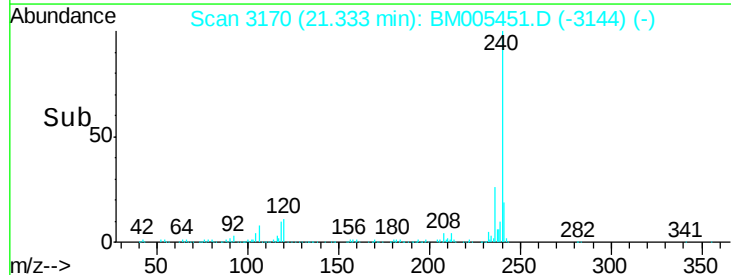
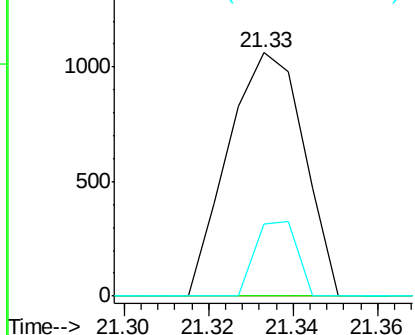


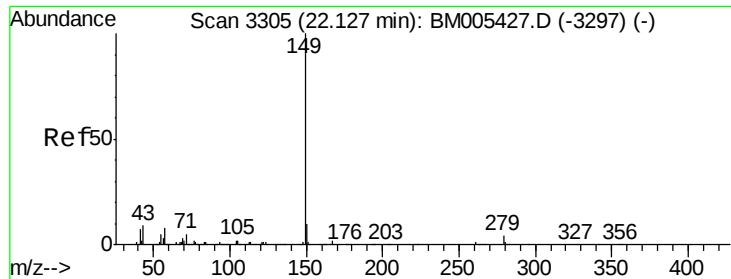
#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.33 min Scan# 3170
 Delta R.T. -0.05 min
 Lab File: BM005451.D
 Acq: 14 May 2016 05:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	29.7	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: 22.13 min Scan# 3305

Delta R.T. 0.00 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

Instrument :

BNA_M

ClientSampled :

H4002

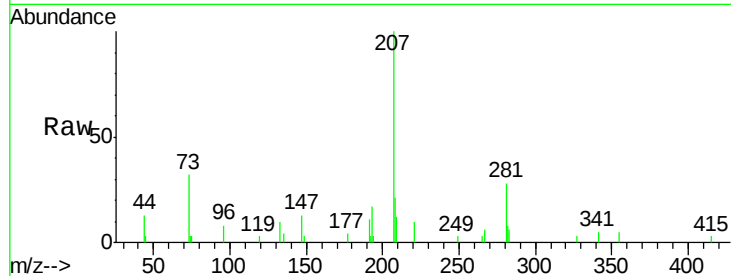
Tgt Ion:149 Resp: 354

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 7.4 11.0#

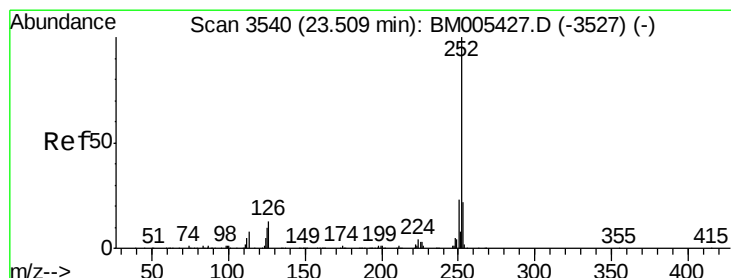
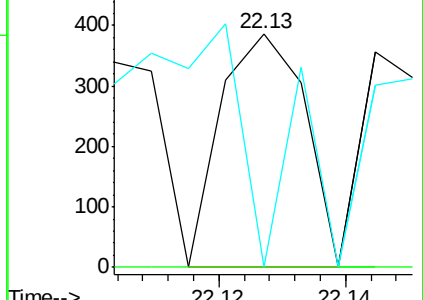
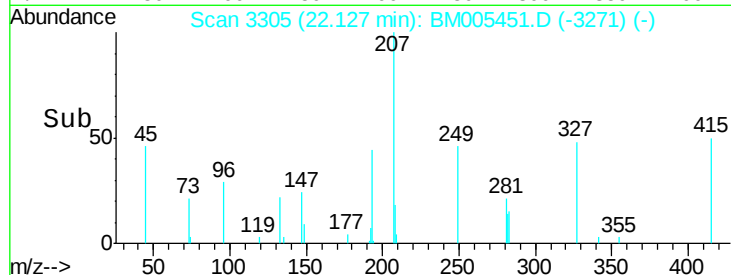


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

Time-->



#88

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.46 min Scan# 3531

Delta R.T. -0.05 min

Lab File: BM005451.D

Acq: 14 May 2016 05:45

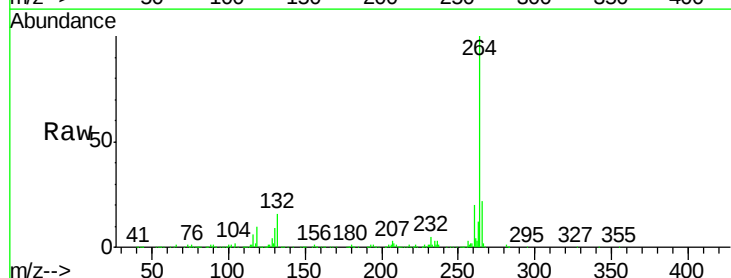
Tgt Ion:252 Resp: 2589

Ion Ratio Lower Upper

252 100

253 50.0 17.5 26.3#

125 24.6 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-->

