

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005457.D
 Acq On : 14 May 2016 09:23
 Operator : UM/SJ
 Sample : H2834-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4118

Quant Time: May 16 03:40:31 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	58954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	277226	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	179000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	454700	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	614788	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	582278	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1967	1.57	ng/uL	0.00
5) Phenol-d5	6.93	99	32625	6.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	95107	31.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	101421	25.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	64228	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	64041	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	74212	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	118599	28.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	8082	1.61	ng/ul	0.03
43) Dimethylphthalate-d6	13.80	166	467687	32.60	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	544919	32.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	8401	3.21	ng/ul	0.03
57) Fluorene-d10	15.39	176	407738	32.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	66525	26.01	ng/ul	0.00
70) Anthracene-d10	17.24	188	659755	32.82	ng/ul	0.00
76) Pyrene-d10	19.54	212	848369	29.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	873385	33.89	ng/ul	0.00

Target Compounds

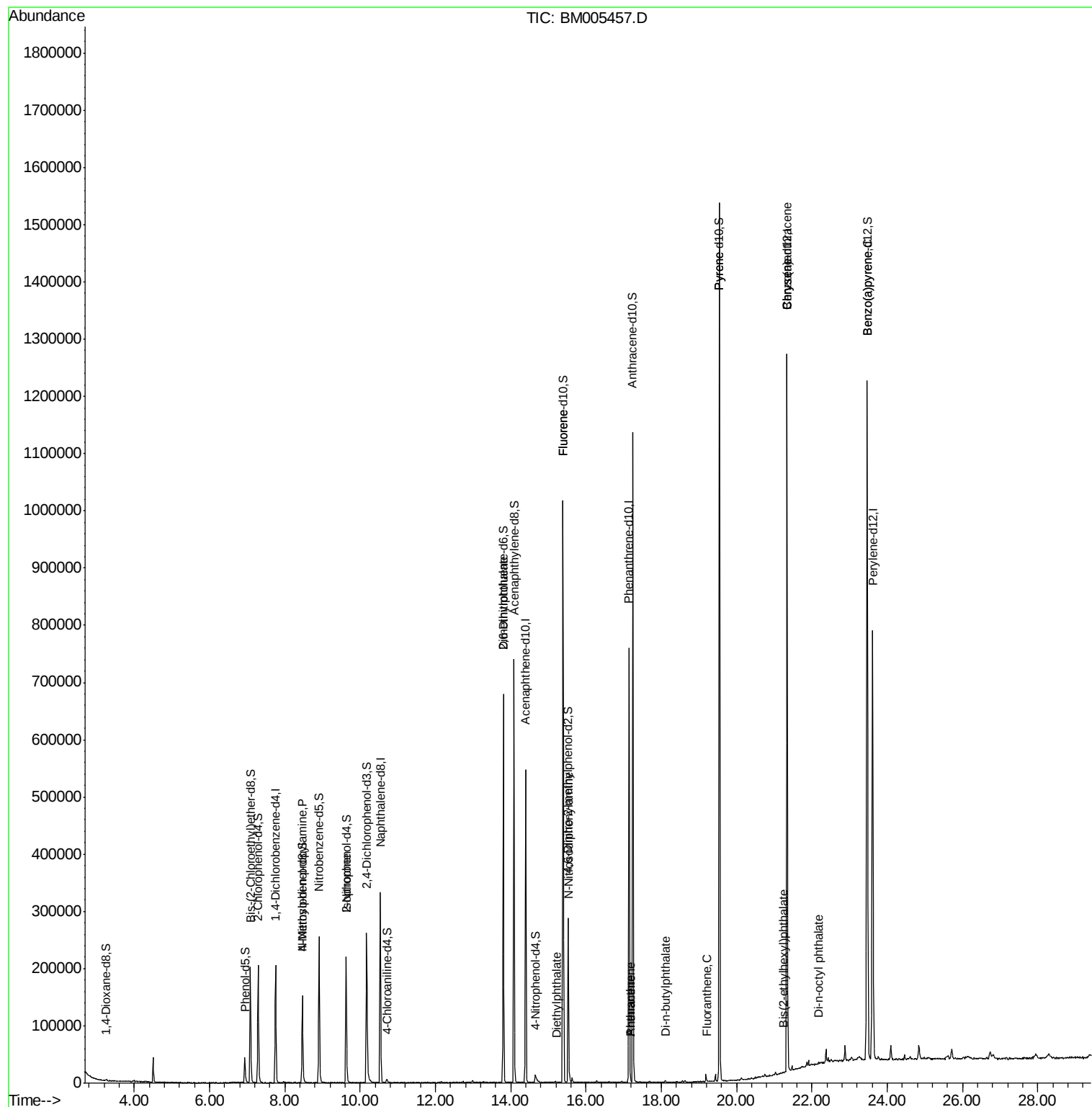
						Qvalue
15) N-Nitroso-di-n-propylamine	8.46	70	1393	0.41	ng/ul#	1
21) Isophorone	9.63	82	6258	0.65	ng/ul#	70
45) 2,6-Dinitrotoluene	13.80	165	2953	1.04	ng/ul#	41
56) Diethylphthalate	15.22	149	1075	0.07	ng/ul#	59
58) Fluorene	15.39	166	730	0.05	ng/ul#	9
64) N-Nitrosodiphenylamine	15.53	169	401	0.03	ng/ul#	25
69) Phenanthrene	17.19	178	1921	0.08	ng/ul#	76
71) Anthracene	17.19	178	1921	0.08	ng/ul#	76
73) Di-n-butylphthalate	18.10	149	3958	0.15	ng/ul#	90
74) Fluoranthene	19.22	202	725	0.03	ng/ul#	72
77) Pyrene	19.54	202	1011	0.03	ng/ul#	1
80) Benzo(a)anthracene	21.34	228	1372	0.04	ng/ul#	56
81) Bis(2-ethylhexyl)phthalate	21.24	149	621	0.03	ng/ul#	52
82) Chrysene	21.34	228	1372	0.04	ng/ul#	54
84) Di-n-octyl phthalate	22.18	149	250	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.47	252	2516	0.08	ng/ul#	47

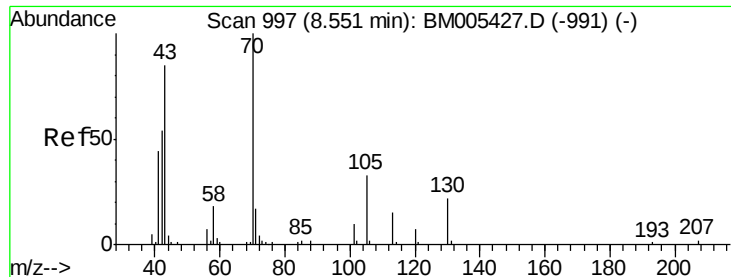
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 14 00:15:57 2016
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#15

N-Nitroso-di-n-propylamine

Concen: 0.41 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. -0.09 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

Instrument :

BNA_M

ClientSampleId :

H4118

Tgt Ion: 70 Resp: 1393

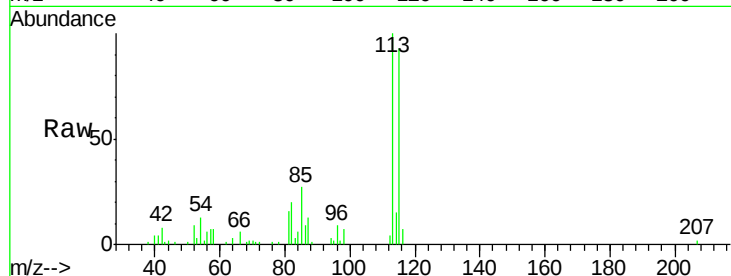
Ion Ratio Lower Upper

70 100

42 352.7 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

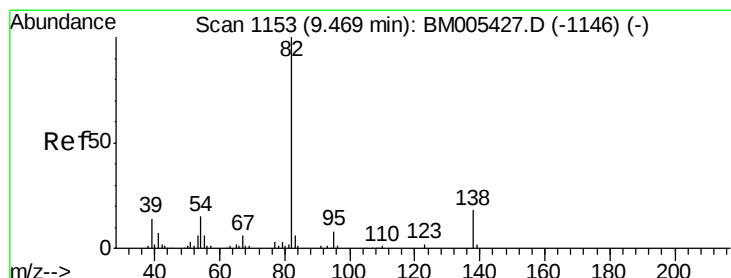
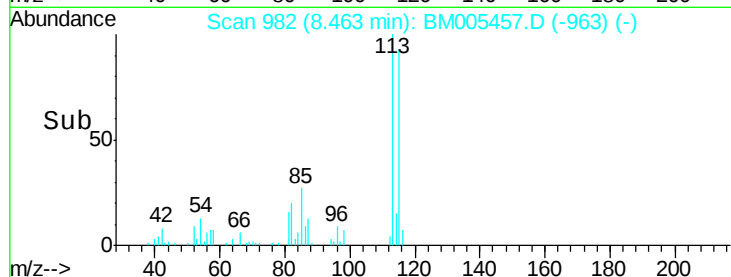
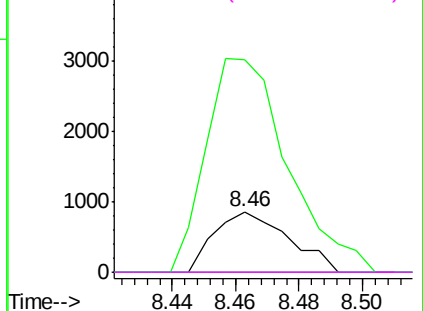


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: BM005457.D

Acq: 14 May 2016 09:23

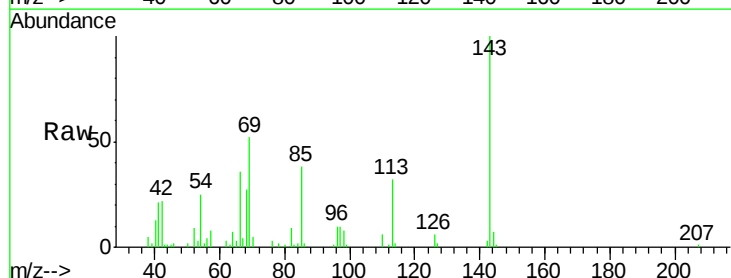
Tgt Ion: 82 Resp: 6258

Ion Ratio Lower Upper

82 100

95 9.8 5.4 8.0#

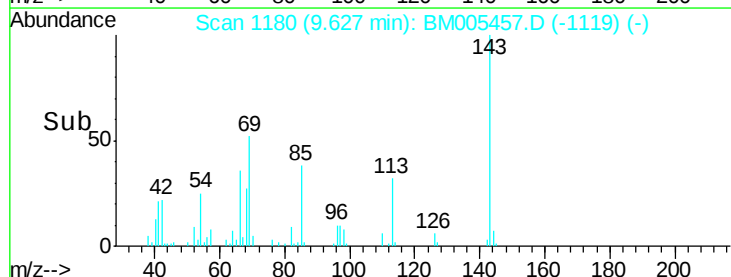
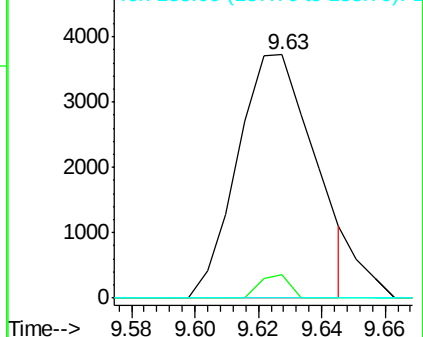
138 0.0 13.4 20.2#

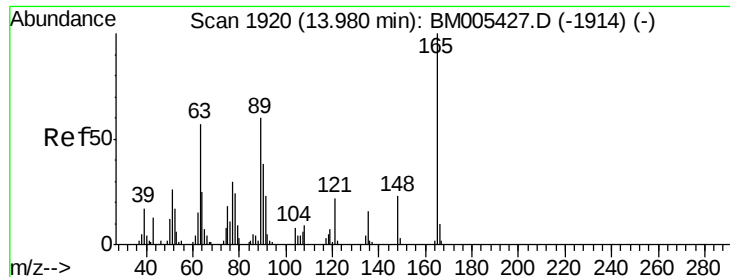


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

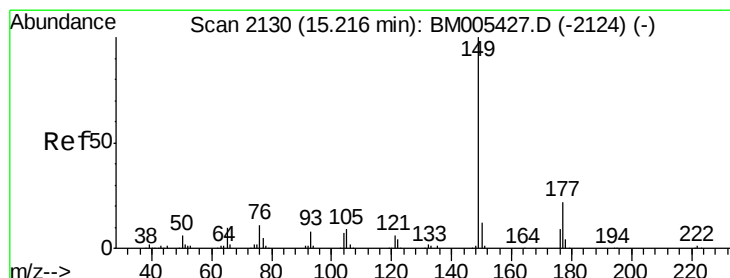
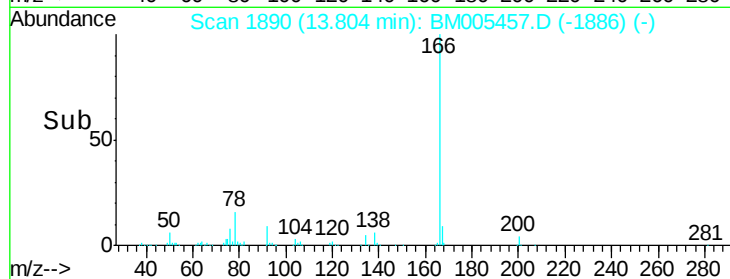
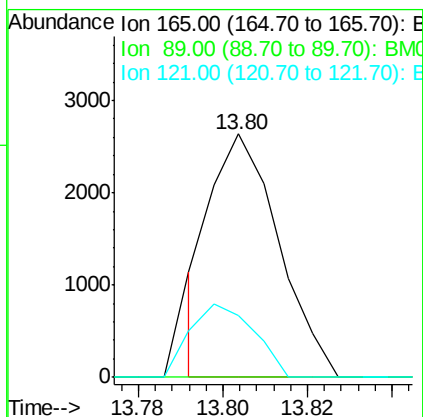
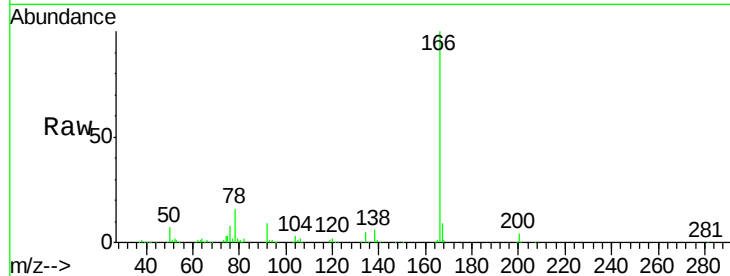




#45
 2,6-Dinitrotoluene
 Concen: 1.04 ng/ul
 RT: 13.80 min Scan# 1890
 Delta R.T. -0.18 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

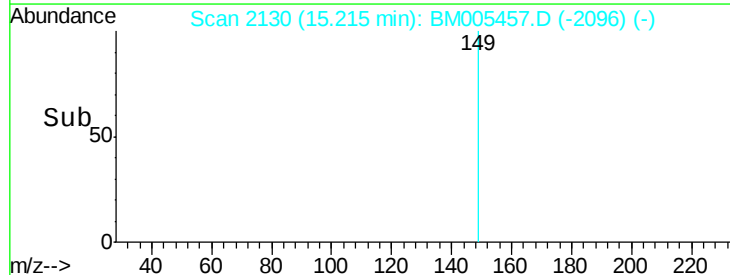
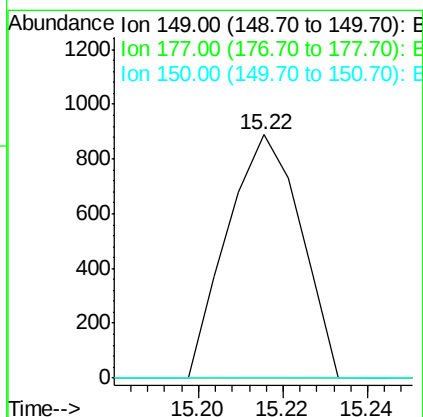
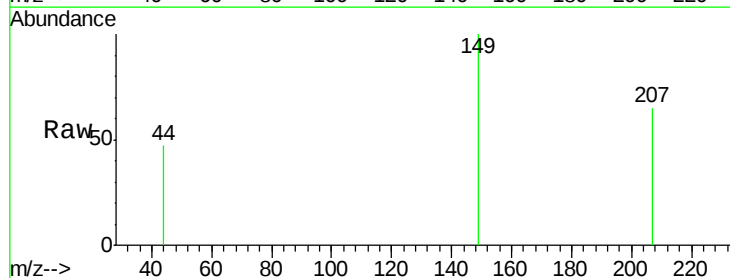
Instrument :
 BNA_M
 ClientSampleId :
 H4118

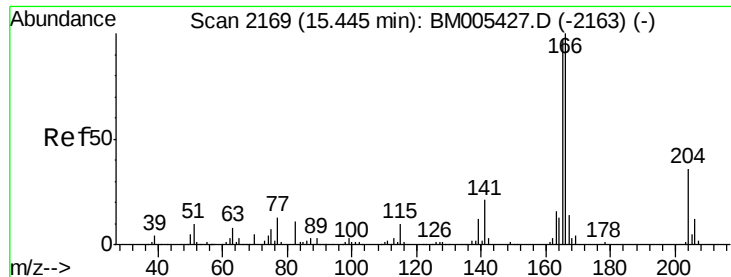
Tgt Ion:165 Resp: 2953
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 25.3 21.0 31.4



#56
 Diethylphthalate
 Concen: 0.07 ng/ul
 RT: 15.22 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

Tgt Ion:149 Resp: 1075
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.6 26.4#
 150 0.0 9.8 14.8#





#58

Fluorene

Concen: 0.05 ng/ul

RT: 15.39 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

Instrument :

BNA_M

ClientSampleId :

H4118

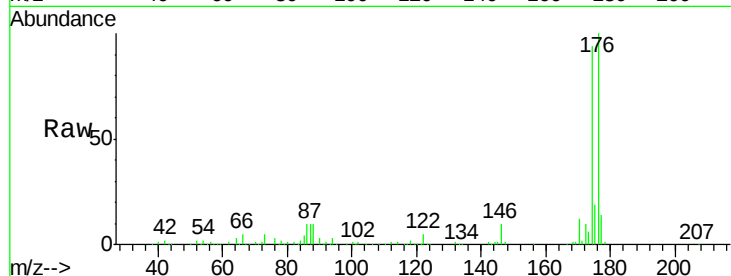
Tgt Ion:166 Resp: 730

Ion Ratio Lower Upper

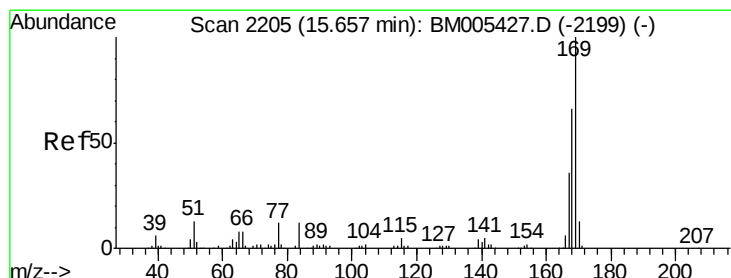
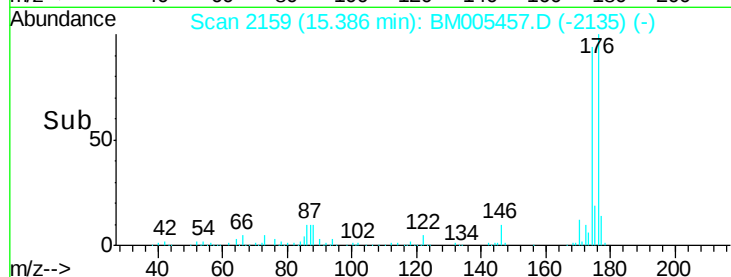
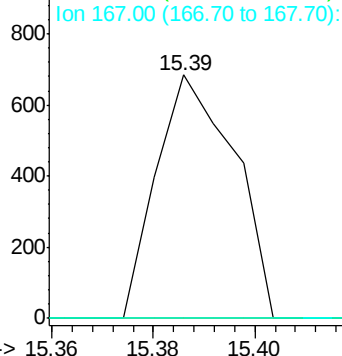
166 100

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# 2184

Delta R.T. -0.12 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

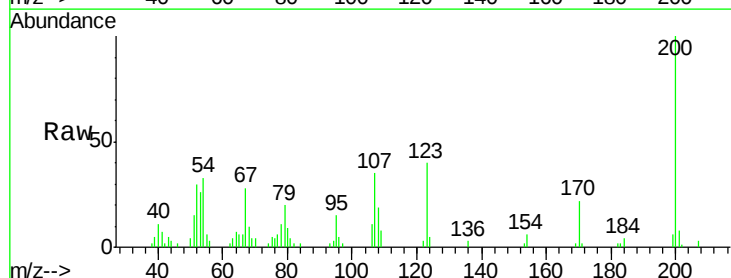
Tgt Ion:169 Resp: 401

Ion Ratio Lower Upper

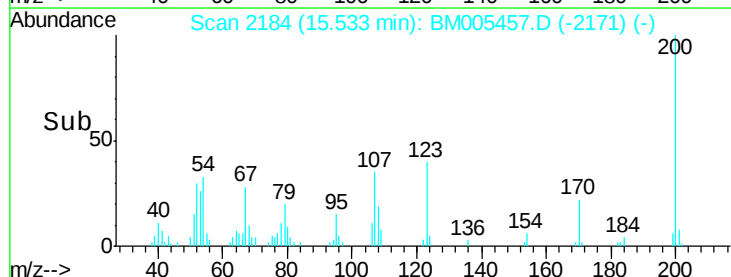
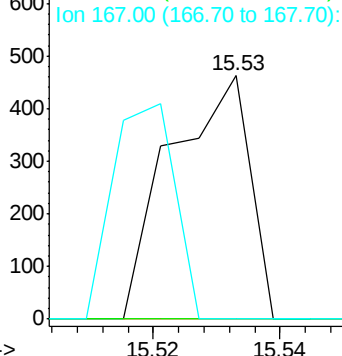
169 100

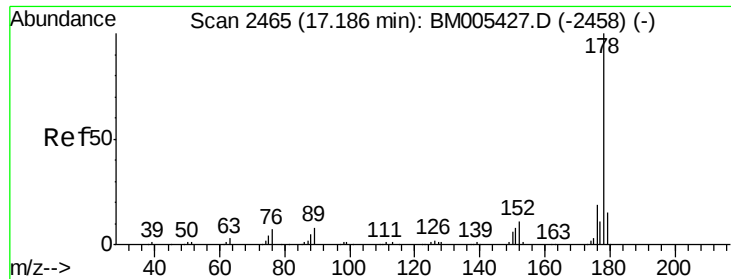
168 0.0 52.9 79.3#

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





#69

Phenanthrene

Concen: 0.08 ng/ul

RT: 17.19 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

Instrument :

BNA_M

ClientSampleId :

H4118

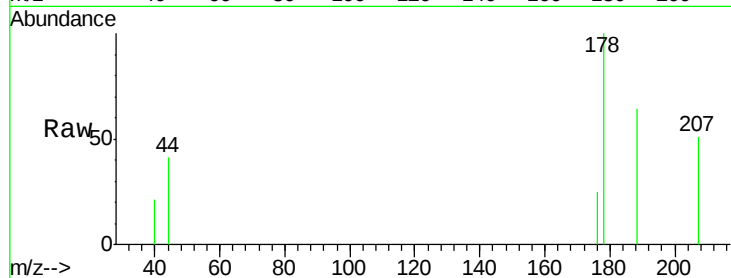
Tgt Ion:178 Resp: 1921

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

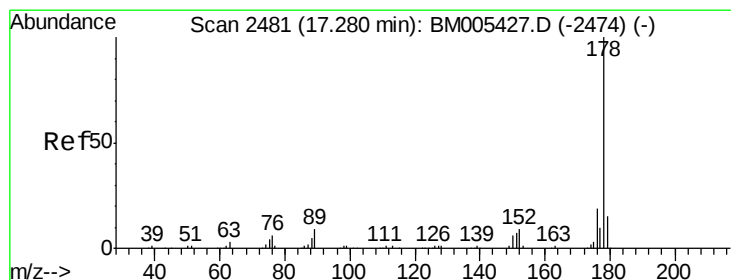
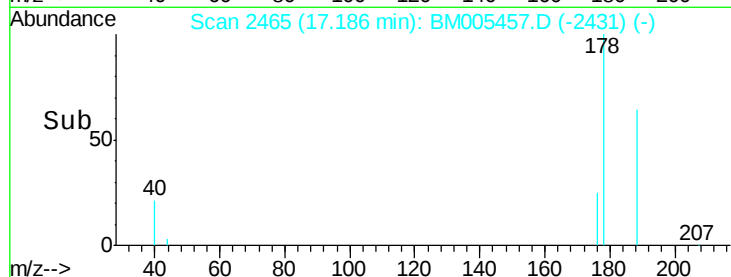
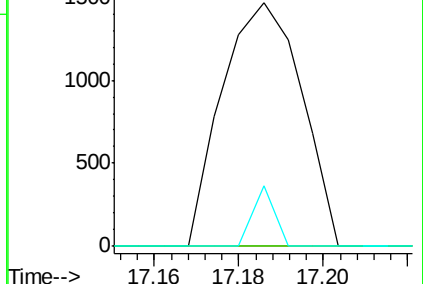
176 25.1 15.2 22.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 0.08 ng/ul

RT: 17.19 min Scan# 2465

Delta R.T. -0.09 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

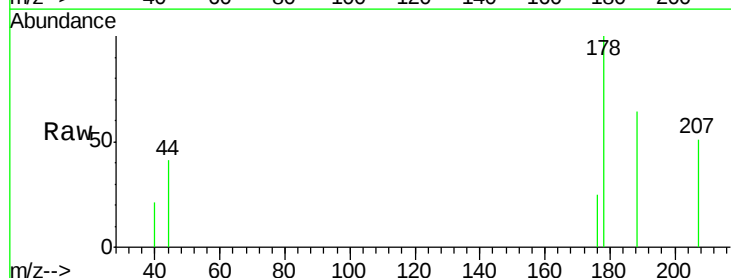
Tgt Ion:178 Resp: 1921

Ion Ratio Lower Upper

178 100

179 0.0 12.4 18.6#

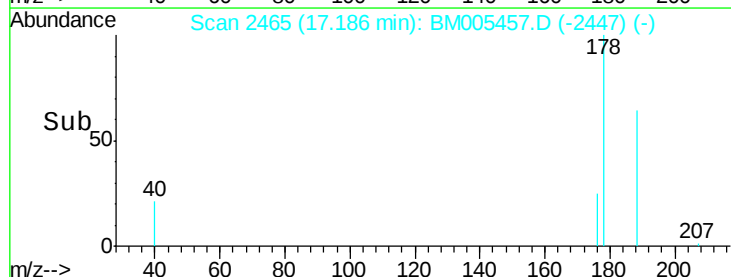
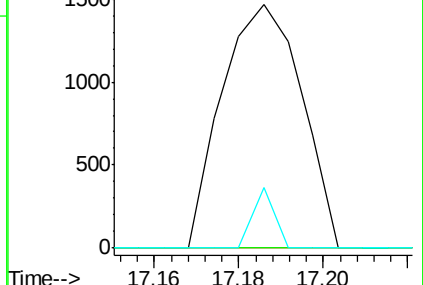
176 25.1 15.1 22.7#

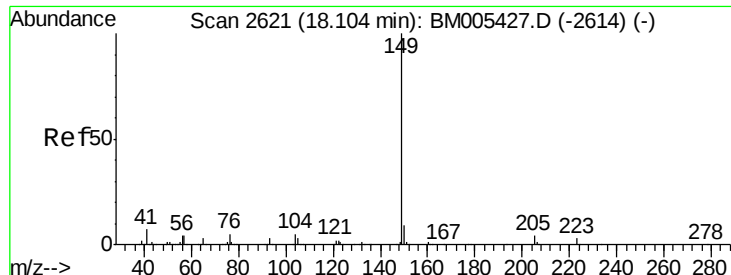


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 0.15 ng/ul

RT: 18.10 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

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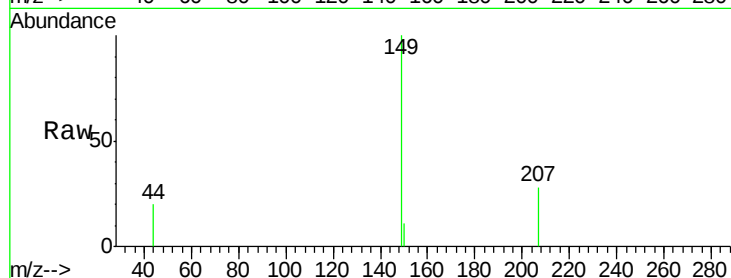
Tgt Ion:149 Resp: 3958

Ion Ratio Lower Upper

149 100

150 11.5 7.3 10.9#

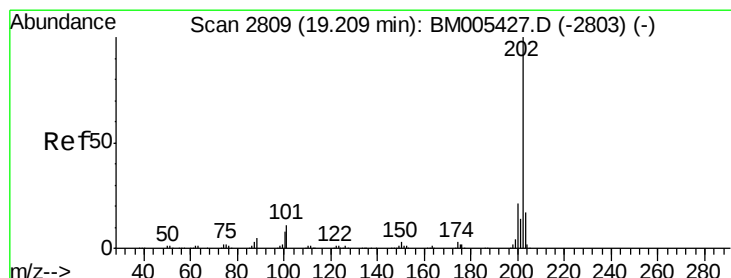
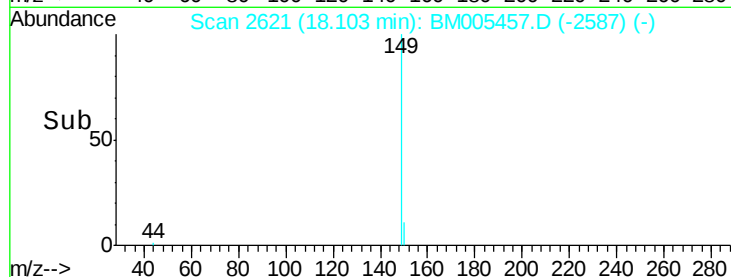
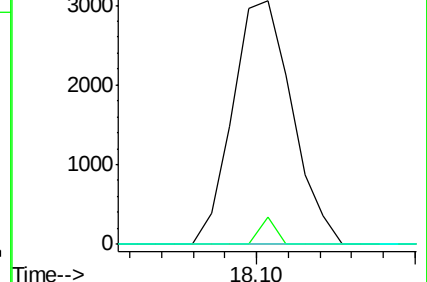
104 0.0 4.1 6.1#



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



#74

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.22 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

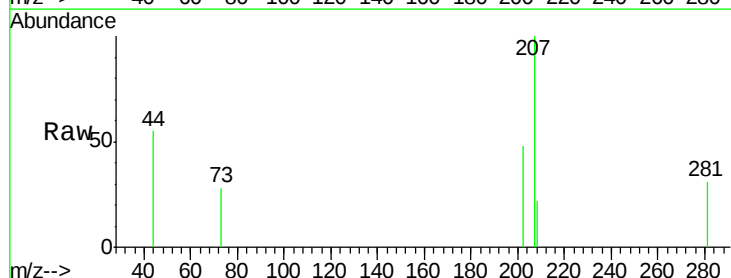
Tgt Ion:202 Resp: 725

Ion Ratio Lower Upper

202 100

101 0.0 9.2 13.8#

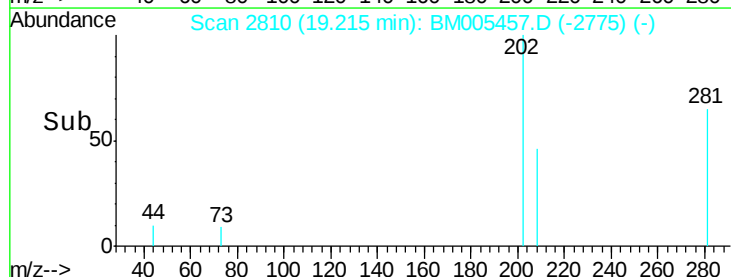
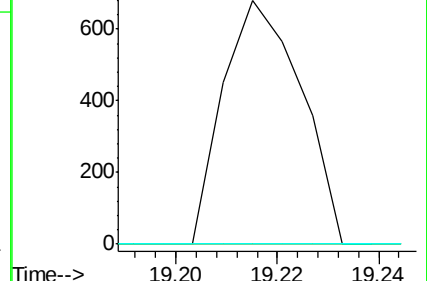
100 0.0 7.1 10.7#

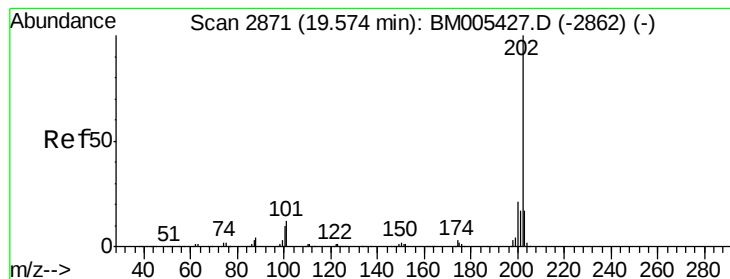


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 0.03 ng/ul

RT: 19.54 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

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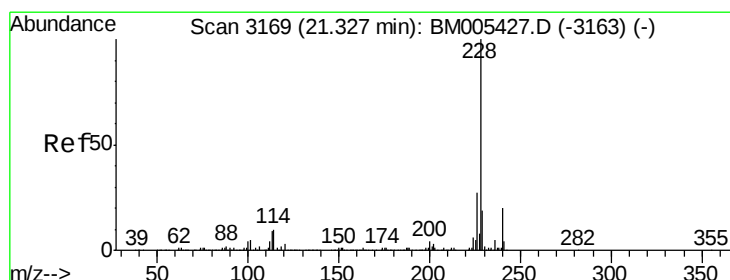
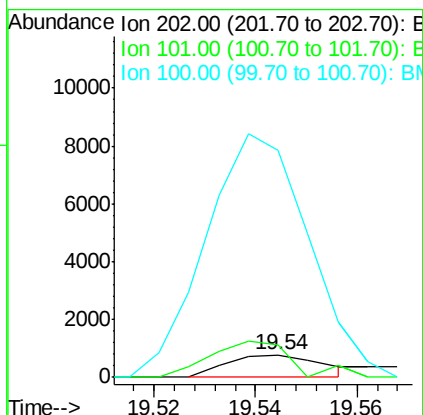
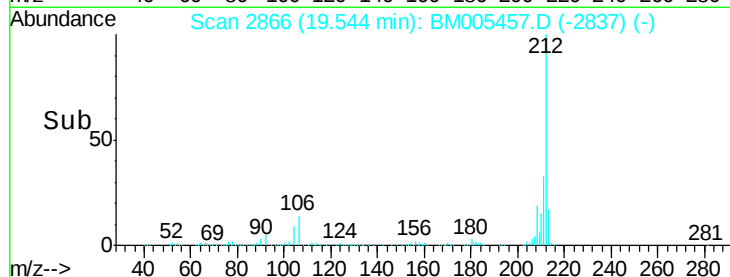
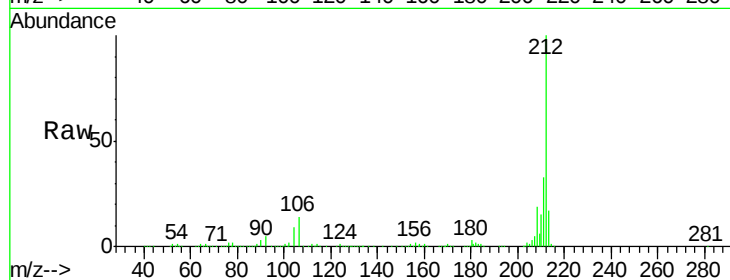
Tgt Ion:202 Resp: 1011

Ion Ratio Lower Upper

202 100

101 144.2 10.8 16.2#

100 1021.0 8.4 12.6#



#80

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BM005457.D

Acq: 14 May 2016 09:23

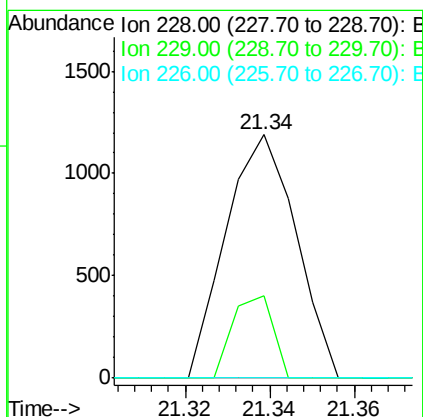
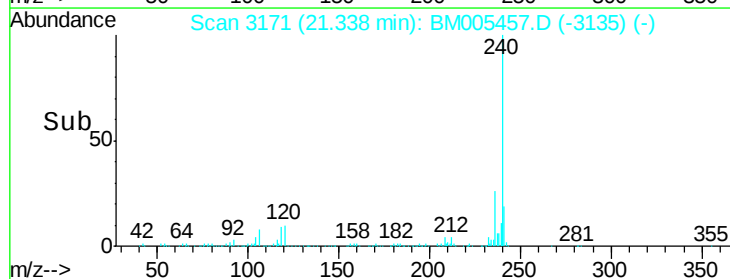
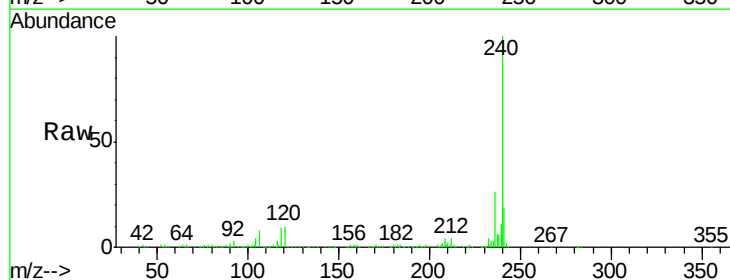
Tgt Ion:228 Resp: 1372

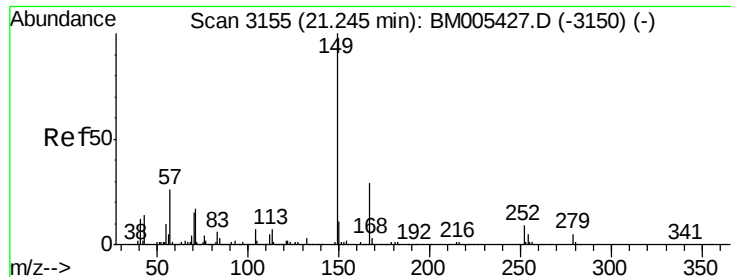
Ion Ratio Lower Upper

228 100

229 33.6 15.5 23.3#

226 0.0 21.8 32.8#

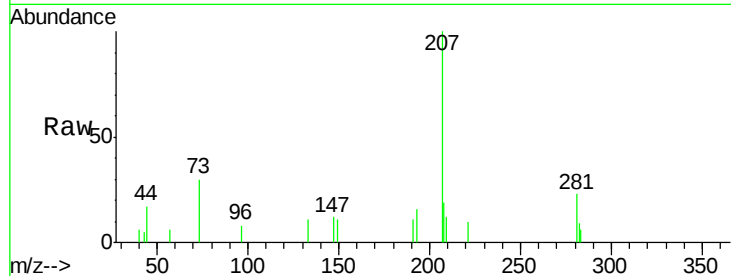




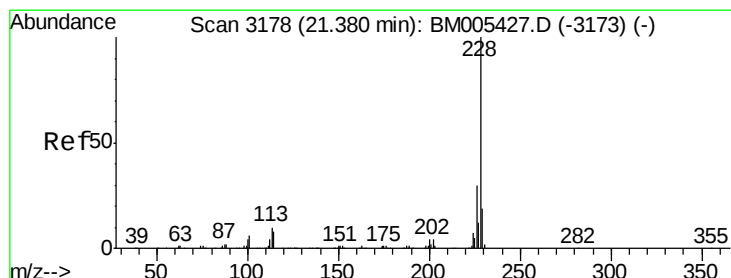
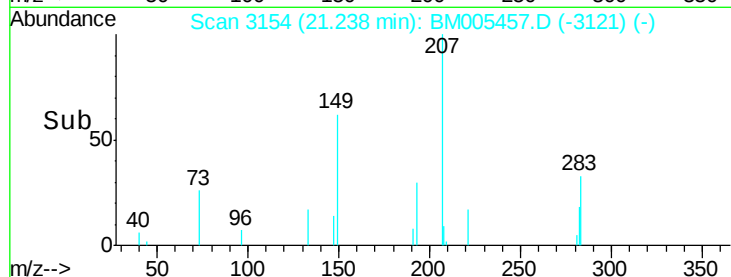
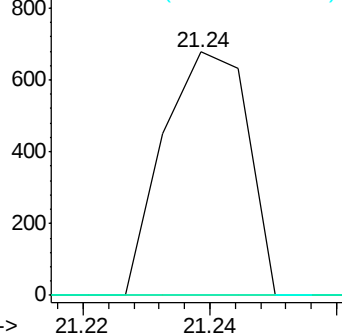
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

Instrument :
 BNA_M
 ClientSampleId :
 H4118

Tgt Ion:149 Resp: 621
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 3.0 4.4#

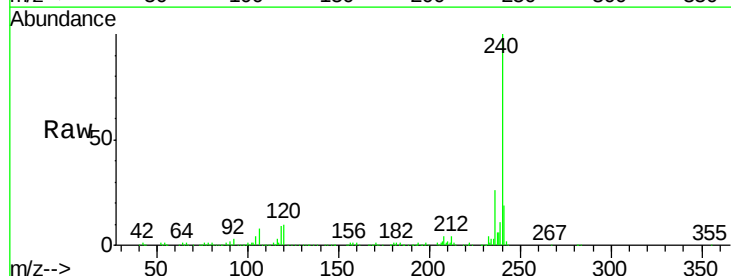


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

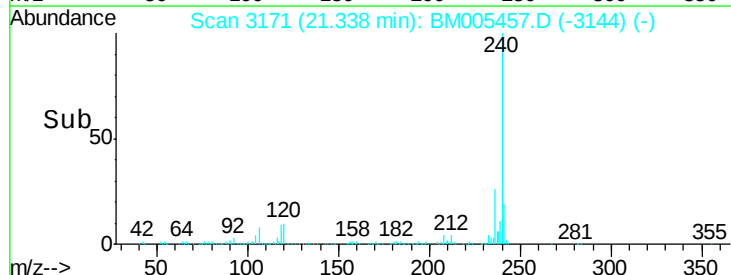
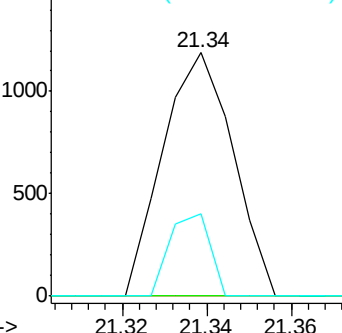


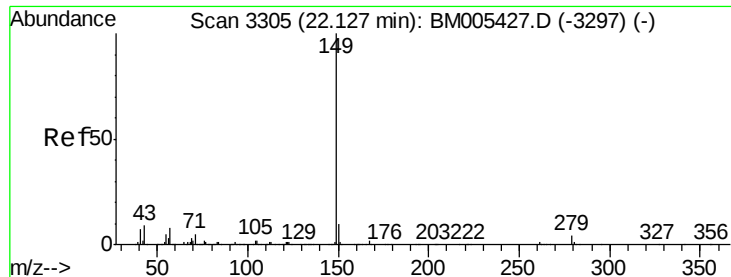
#82
 Chrysene
 Concen: 0.04 ng/ul
 RT: 21.34 min Scan# 3171
 Delta R.T. -0.04 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

Tgt Ion:228 Resp: 1372
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.6 35.4#
 229 33.6 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

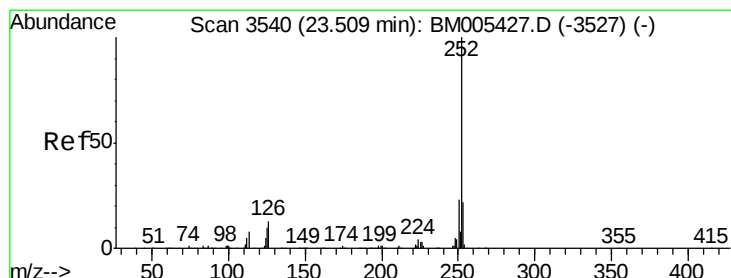
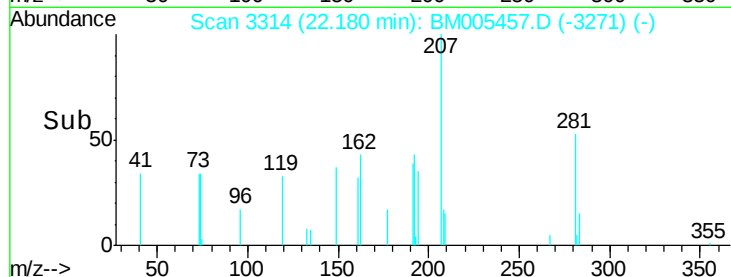
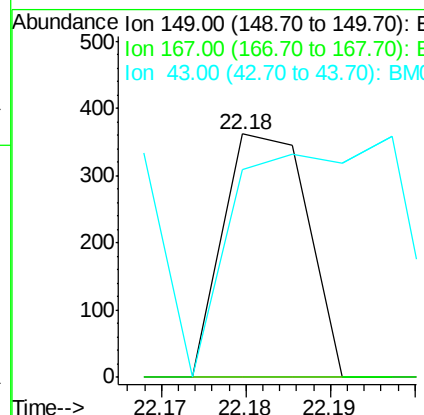
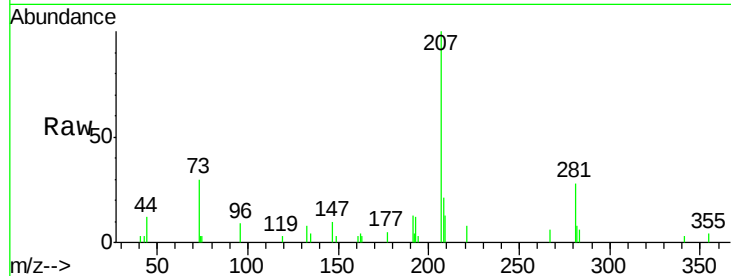




#84
 Di-n-octyl phthalate
 Concen: 0.01 ng/u1
 RT: 22.18 min Scan# 3314
 Delta R.T. 0.05 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

Instrument :
 BNA_M
 ClientSampleId :
 H4118

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	85.4	7.4	11.0#



#88
 Benzo(a)pyrene
 Concen: 0.08 ng/u1
 RT: 23.47 min Scan# 3533
 Delta R.T. -0.04 min
 Lab File: BM005457.D
 Acq: 14 May 2016 09:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.9	17.5	26.3#
125	0.0	8.7	13.1#

