

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
 Data File : BM011506.D
 Acq On : 11 Sep 2017 20:52
 Operator : SJ/JU
 Sample : I5162-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Sep 12 07:03:18 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 02:59:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	318196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1412987	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	841009	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1912334	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	2019920	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2000492	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.79	131	1759	0.07	ng/ul	-0.12
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.62	176	473	0.01	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	6595	0.07	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.88	264	1903401	19.96	ng/ul	0.15

Target Compounds

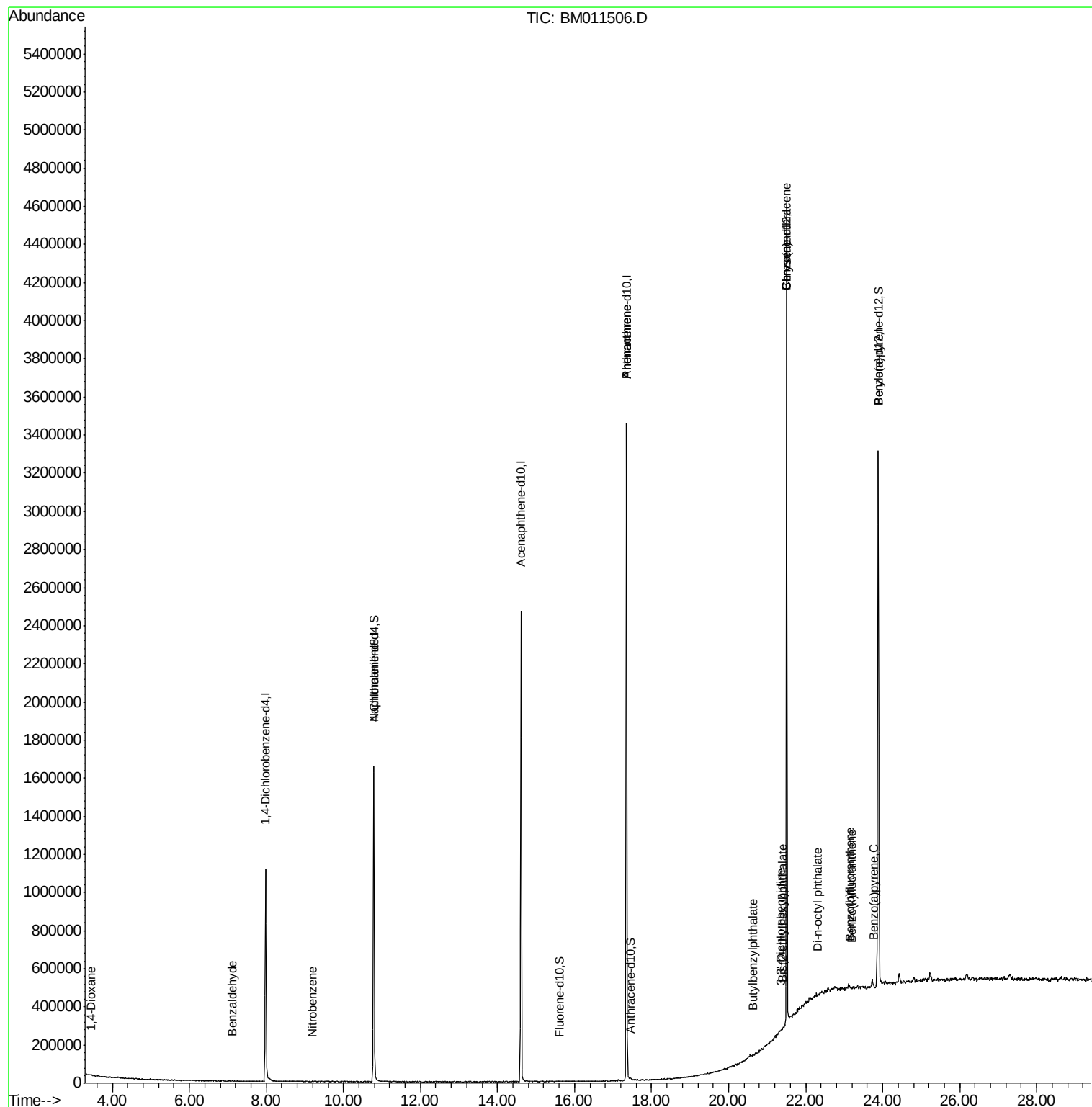
					Qvalue	
2) 1,4-Dioxane	3.45	88	156	0.020	ng/uL#	29
4) Benzaldehyde	7.12	77	270	0.015	ng/ul#	5
20) Nitrobenzene	9.20	77	252	0.010	ng/ul#	43
70) Phenanthrene	17.34	178	639	0.006	ng/ul#	1
72) Anthracene	17.34	178	639	0.006	ng/ul#	1
81) Butylbenzylphthalate	20.63	149	103	0.002	ng/ul#	26
82) 3,3'-Dichlorobenzidine	21.36	252	112	0.003	ng/ul#	24
83) Benzo(a)anthracene	21.51	228	5278	0.047	ng/ul#	62
84) Bis(2-ethylhexyl)phthalate	21.40	149	1883	0.023	ng/ul#	71
85) Chrysene	21.51	228	5278	0.052	ng/ul#	60
87) Di-n-octyl phthalate	22.31	149	1178	0.008	ng/ul	100
88) Benzo(b)fluoranthene	23.14	252	203	0.002	ng/ul#	1
89) Benzo(k)fluoranthene	23.21	252	230	0.002	ng/ul#	1
91) Benzo(a)pyrene	23.77	252	542	0.005	ng/ul#	1

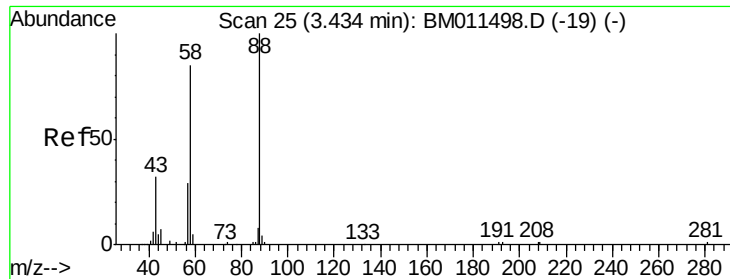
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
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QLast Update : Mon Sep 11 02:59:45 2017
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#2

1,4-Dioxane

Concen: 0.020 ng/uL

RT: 3.45 min Scan# 27

Delta R.T. 0.01 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

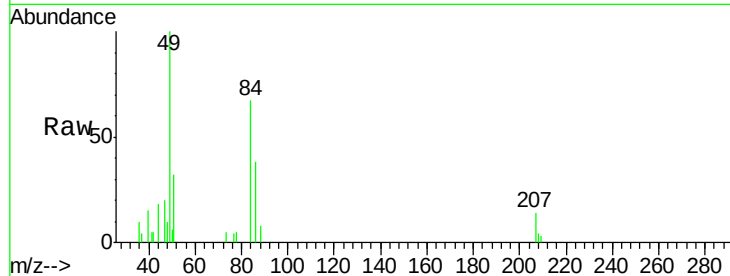
Tgt Ion: 88 Resp: 156

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

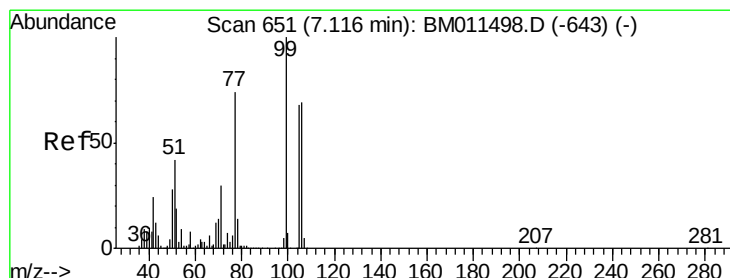
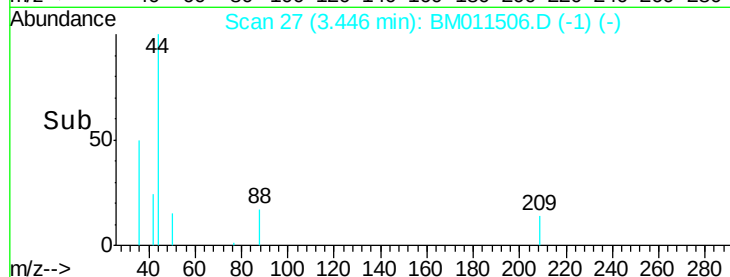
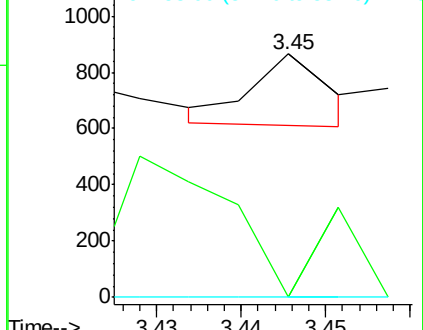
58 0.0 45.9 68.9#



Abundance Ion 88.00 (87.70 to 88.70): BM011498.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM011498.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM011498.D (-19) (-)



#4

Benzaldehyde

Concen: 0.015 ng/uL

RT: 7.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

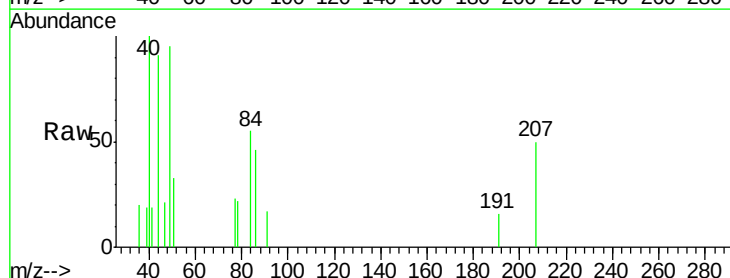
Tgt Ion: 77 Resp: 270

Ion Ratio Lower Upper

77 100

105 0.0 71.0 106.6#

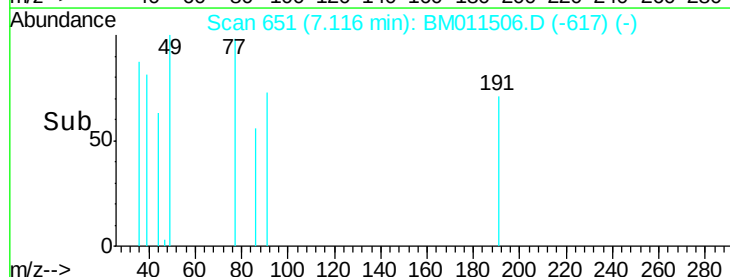
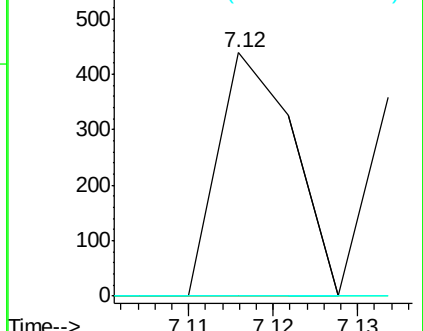
106 0.0 69.5 104.3#

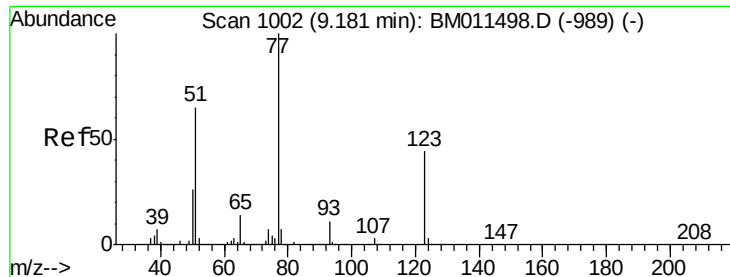


Abundance Ion 77.00 (76.70 to 77.70): BM011498.D (-643) (-)

Ion 105.00 (104.70 to 105.70): BM011498.D (-643) (-)

Ion 106.00 (105.70 to 106.70): BM011498.D (-643) (-)

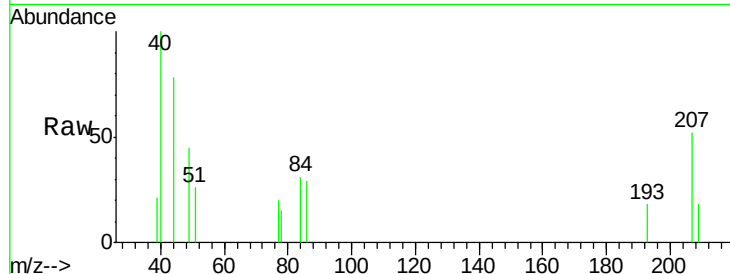




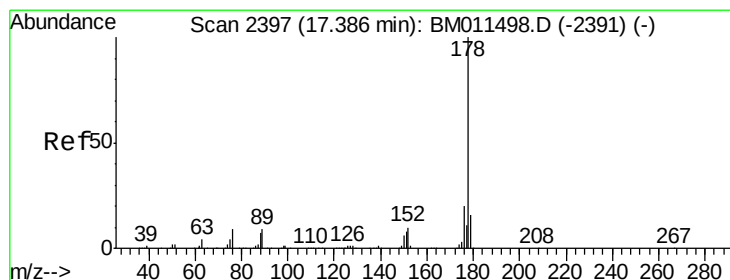
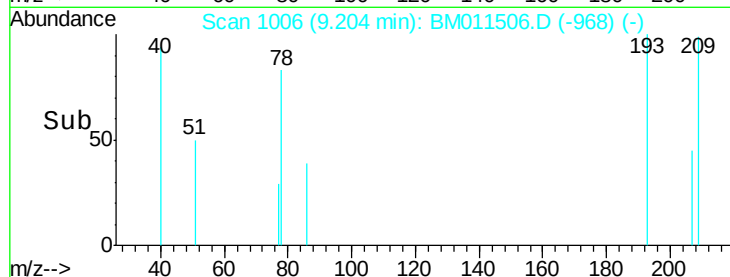
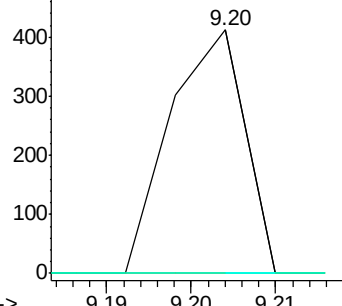
#20
 Nitrobenzene
 Concen: 0.010 ng/ul
 RT: 9.20 min Scan# 1006
 Delta R.T. 0.02 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

Tgt Ion: 77 Resp: 252
 Ion Ratio Lower Upper
 77 100
 123 0.0 31.8 47.8#
 65 0.0 10.6 16.0#

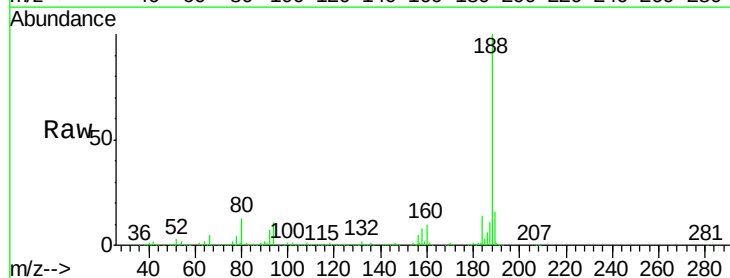


Abundance Ion 77.00 (76.70 to 77.70): BM011498.D (-989) (-)
 Ion 123.00 (122.70 to 123.70): BM011498.D (-989) (-)
 Ion 65.00 (64.70 to 65.70): BM011498.D (-989) (-)

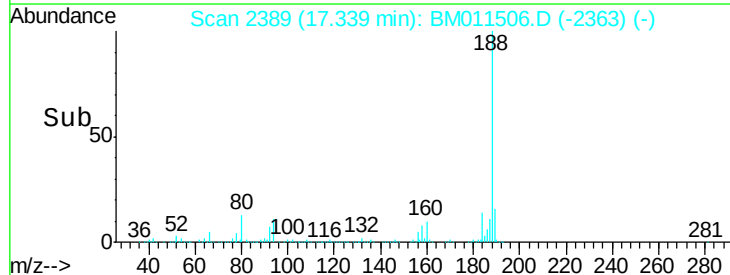
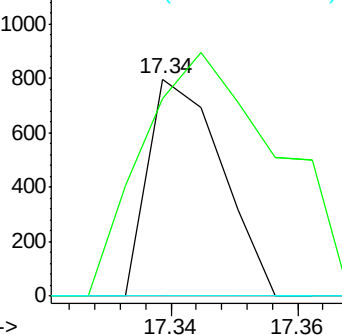


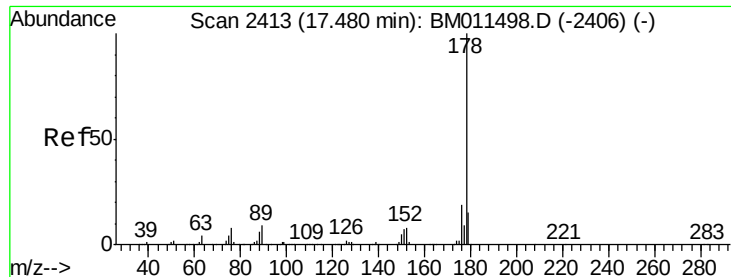
#70
 Phenanthrene
 Concen: 0.006 ng/ul
 RT: 17.34 min Scan# 2389
 Delta R.T. -0.05 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

Tgt Ion: 178 Resp: 639
 Ion Ratio Lower Upper
 178 100
 179 90.9 12.3 18.5#
 176 0.0 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): BM011498.D (-2391) (-)
 Ion 179.00 (178.70 to 179.70): BM011498.D (-2391) (-)
 Ion 176.00 (175.70 to 176.70): BM011498.D (-2391) (-)

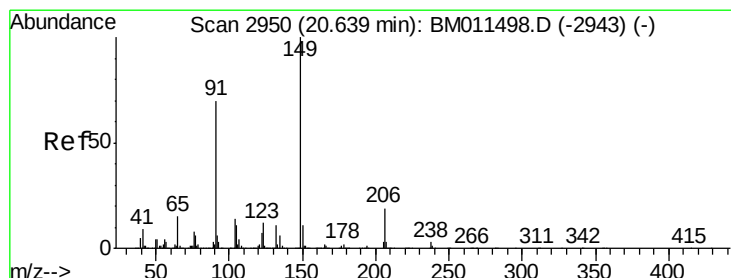
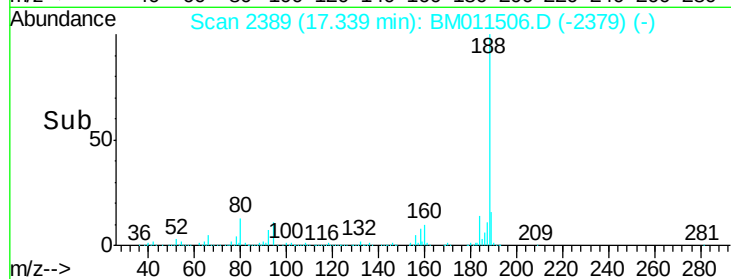
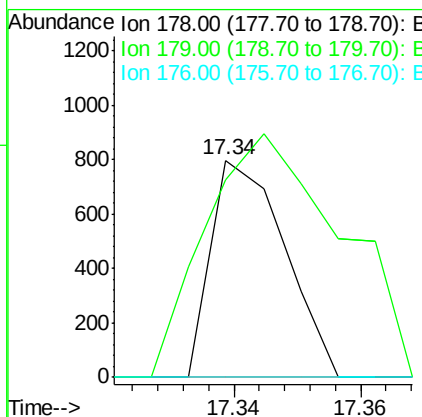
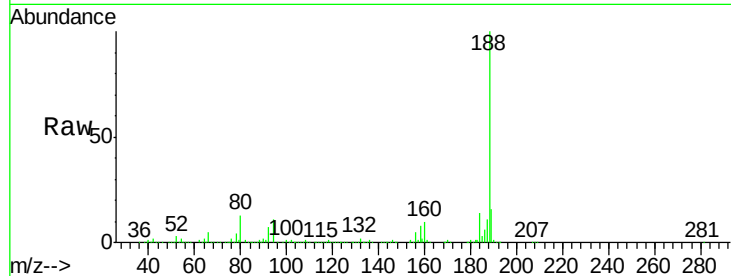




#72
 Anthracene
 Concen: 0.006 ng/ul
 RT: 17.34 min Scan# 2389
 Delta R.T. -0.14 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

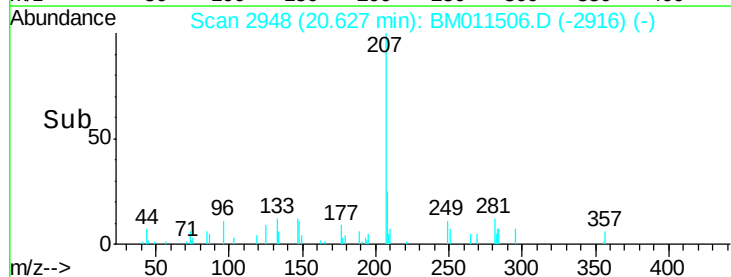
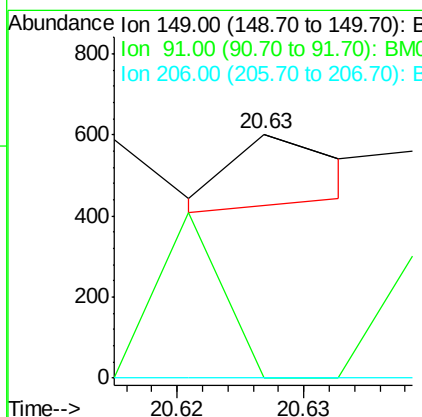
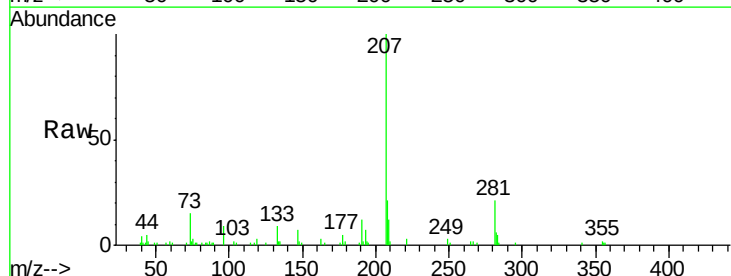
Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

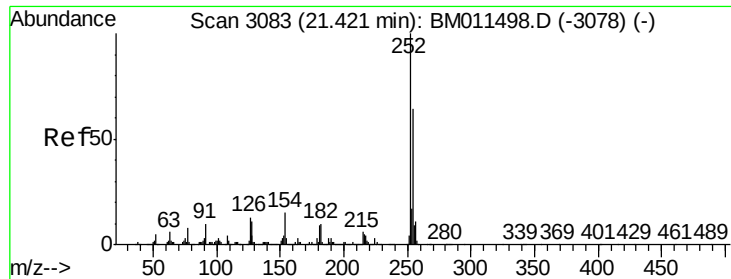
Tgt Ion:178 Resp: 639
 Ion Ratio Lower Upper
 178 100
 179 90.9 13.4 20.2#
 176 0.0 15.4 23.0#



#81
 Butylbenzylphthalate
 Concen: 0.002 ng/ul
 RT: 20.63 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

Tgt Ion:149 Resp: 103
 Ion Ratio Lower Upper
 149 100
 91 0.0 53.4 80.0#
 206 0.0 19.3 28.9#

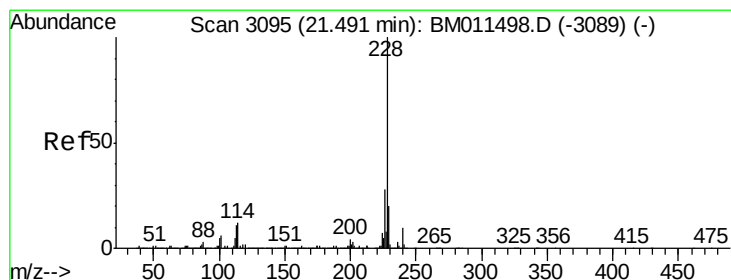
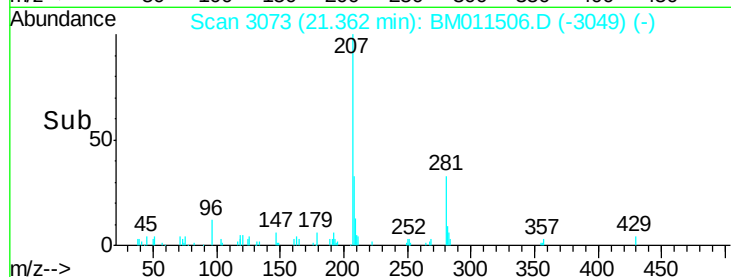
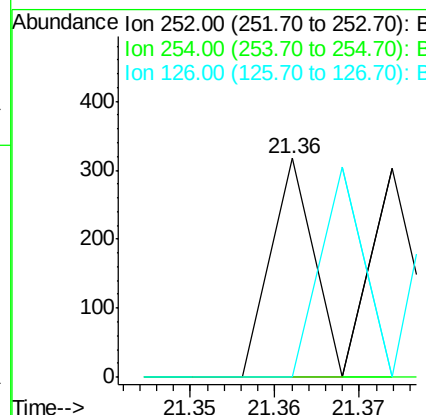
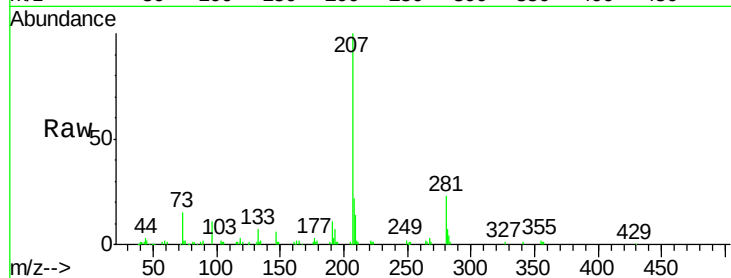




#82
 3,3'-Dichlorobenzidine
 Concen: 0.003 ng/ul
 RT: 21.36 min Scan# 3073
 Delta R.T. -0.06 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

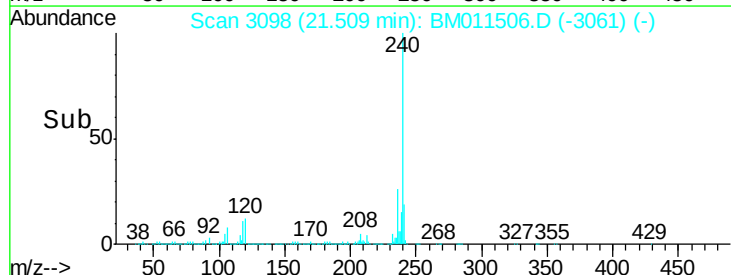
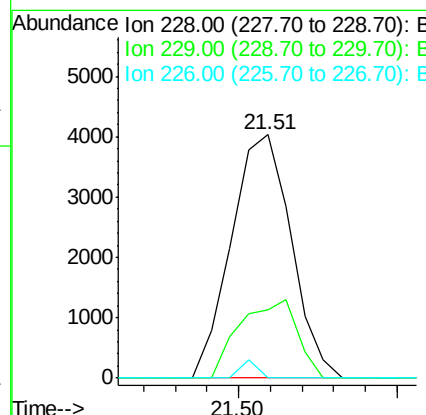
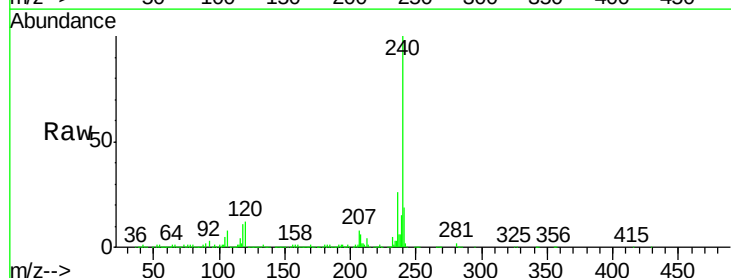
Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

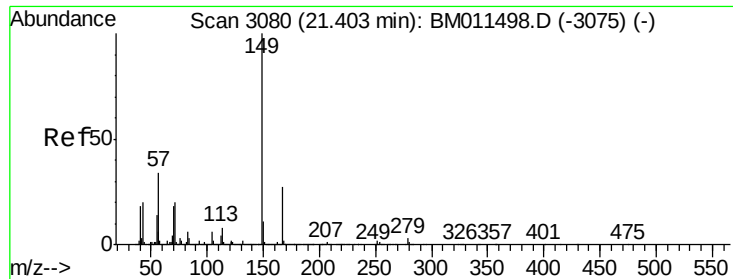
Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.8	79.2#
126	0.0	6.9	10.3#



#83
 Benzo(a)anthracene
 Concen: 0.047 ng/ul
 RT: 21.51 min Scan# 3098
 Delta R.T. 0.02 min
 Lab File: BM011506.D
 Acq: 11 Sep 2017 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.9	16.0	24.0#
226	0.0	21.8	32.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.023 ng/ul

RT: 21.40 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

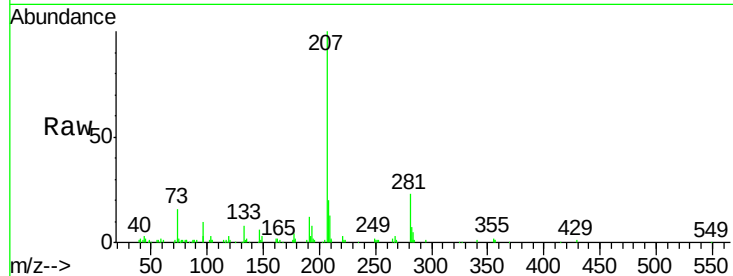
Tgt Ion:149 Resp: 1883

Ion Ratio Lower Upper

149 100

167 12.4 23.0 34.6#

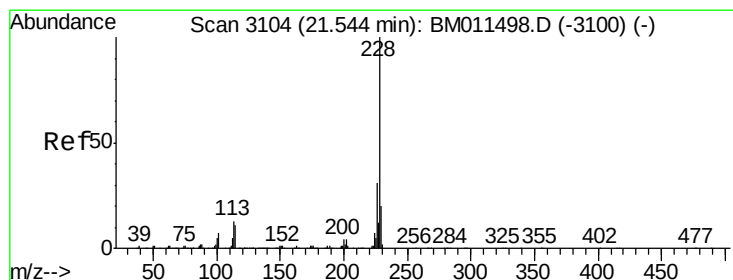
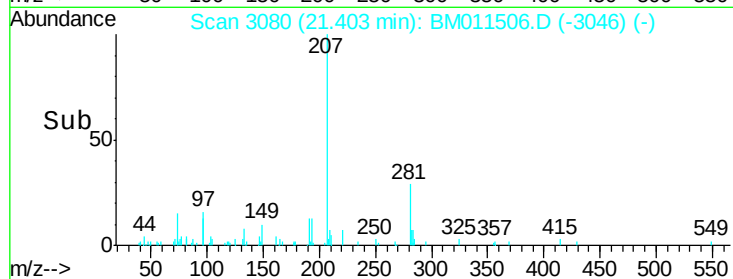
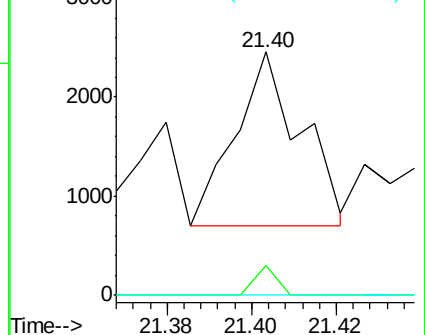
279 0.0 4.3 6.5#



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



#85

Chrysene

Concen: 0.052 ng/ul

RT: 21.51 min Scan# 3098

Delta R.T. -0.04 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

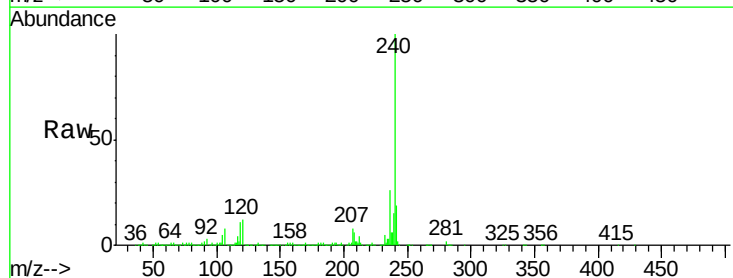
Tgt Ion:228 Resp: 5278

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

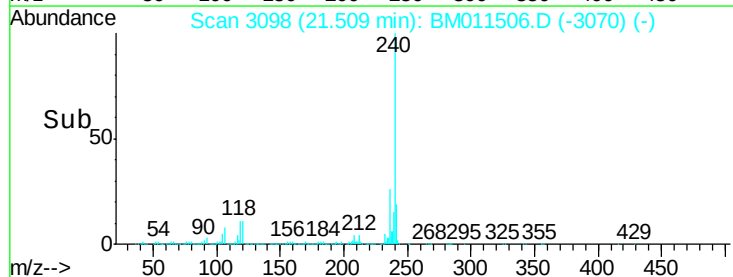
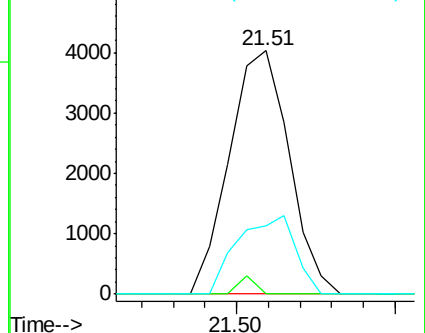
229 27.9 16.0 24.0#

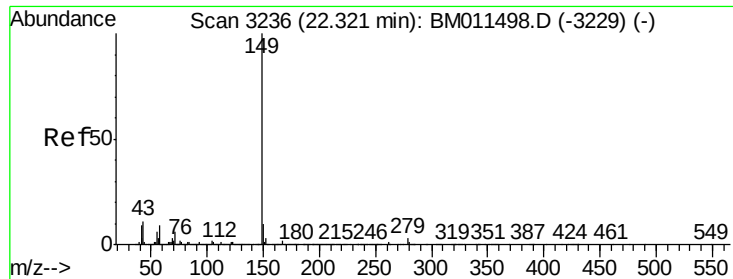


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 0.008 ng/ul

RT: 22.31 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

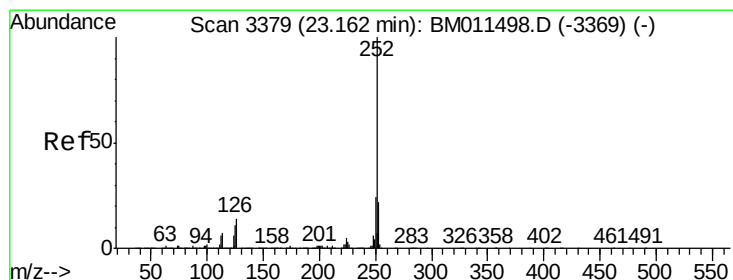
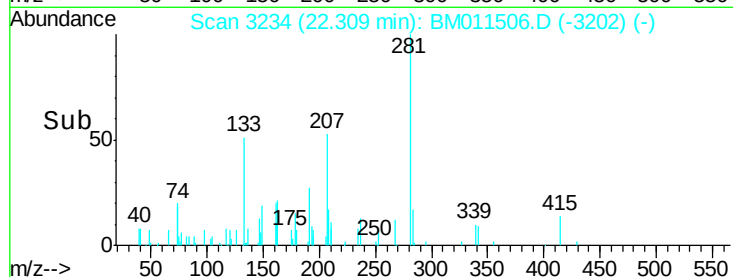
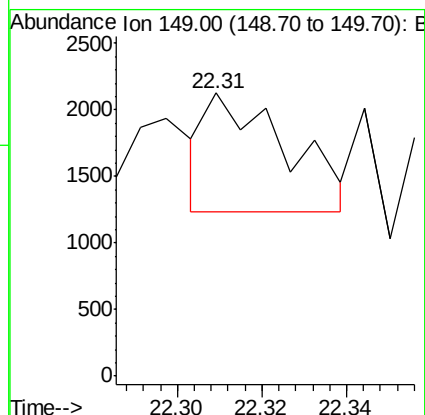
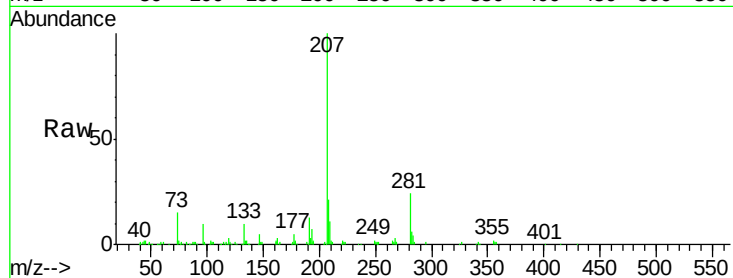
Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

Tgt Ion:149 Resp: 1178



#88

Benzo(b)fluoranthene

Concen: 0.002 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.02 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

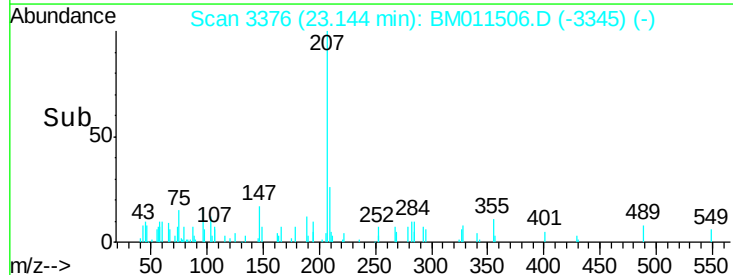
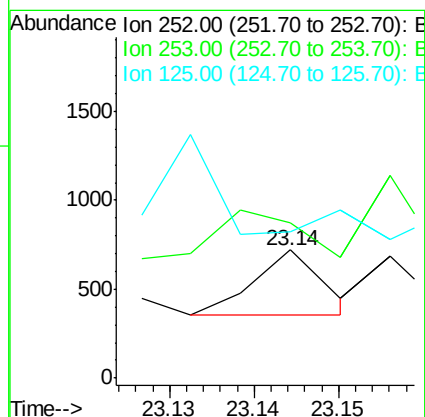
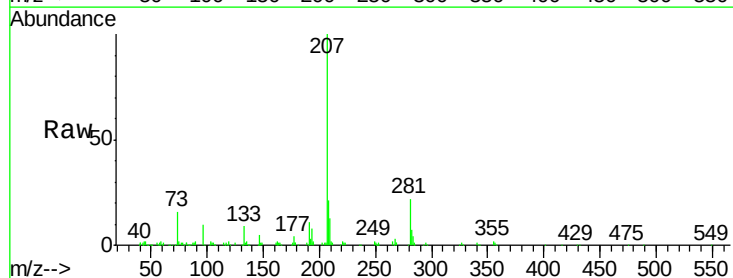
Tgt Ion:252 Resp: 203

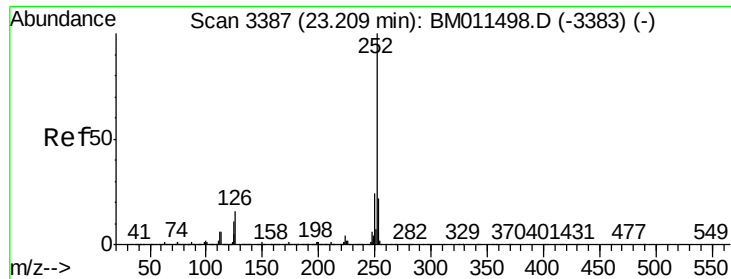
Ion Ratio Lower Upper

252 100

253 121.7 17.4 26.0#

125 114.0 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 0.002 ng/ul

RT: 23.21 min Scan# 3387

Delta R.T. -0.00 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

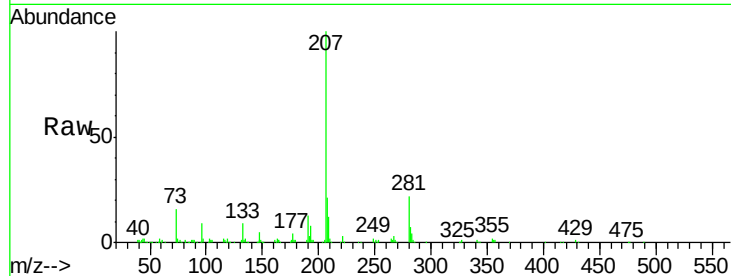
Tgt Ion:252 Resp: 230

Ion Ratio Lower Upper

252 100

253 146.9 17.1 25.7#

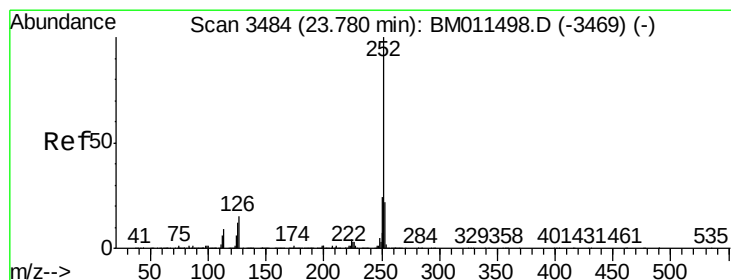
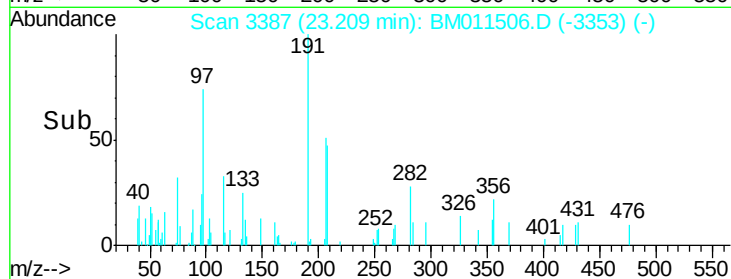
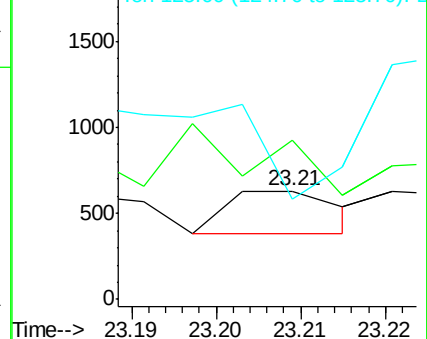
125 92.7 5.4 8.0#



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



#91

Benzo(a)pyrene

Concen: 0.005 ng/ul

RT: 23.77 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM011506.D

Acq: 11 Sep 2017 20:52

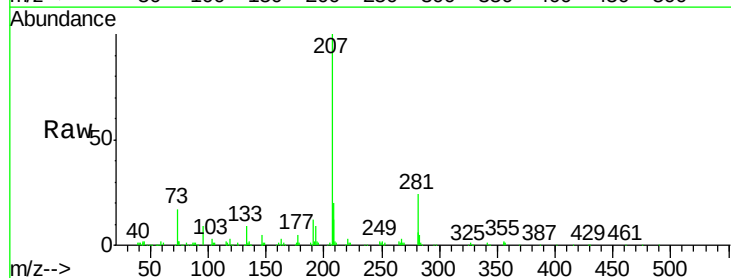
Tgt Ion:252 Resp: 542

Ion Ratio Lower Upper

252 100

253 115.6 17.2 25.8#

125 205.5 5.8 8.6#



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

