

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091117\
 Data File : BM011507.D
 Acq On : 11 Sep 2017 21:28
 Operator : SJ/JU
 Sample : I5162-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC2-BLANK

Quant Time: Sep 12 07:03:39 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	257403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1098247	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	640886	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1480279	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	1550329	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	1552121	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	1220	0.06	ng/ul	-0.13
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	159	0.00	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.44	188	8388	0.12	ng/ul	0.00
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.88	264	1479698	20.00	ng/ul	0.15

Target Compounds

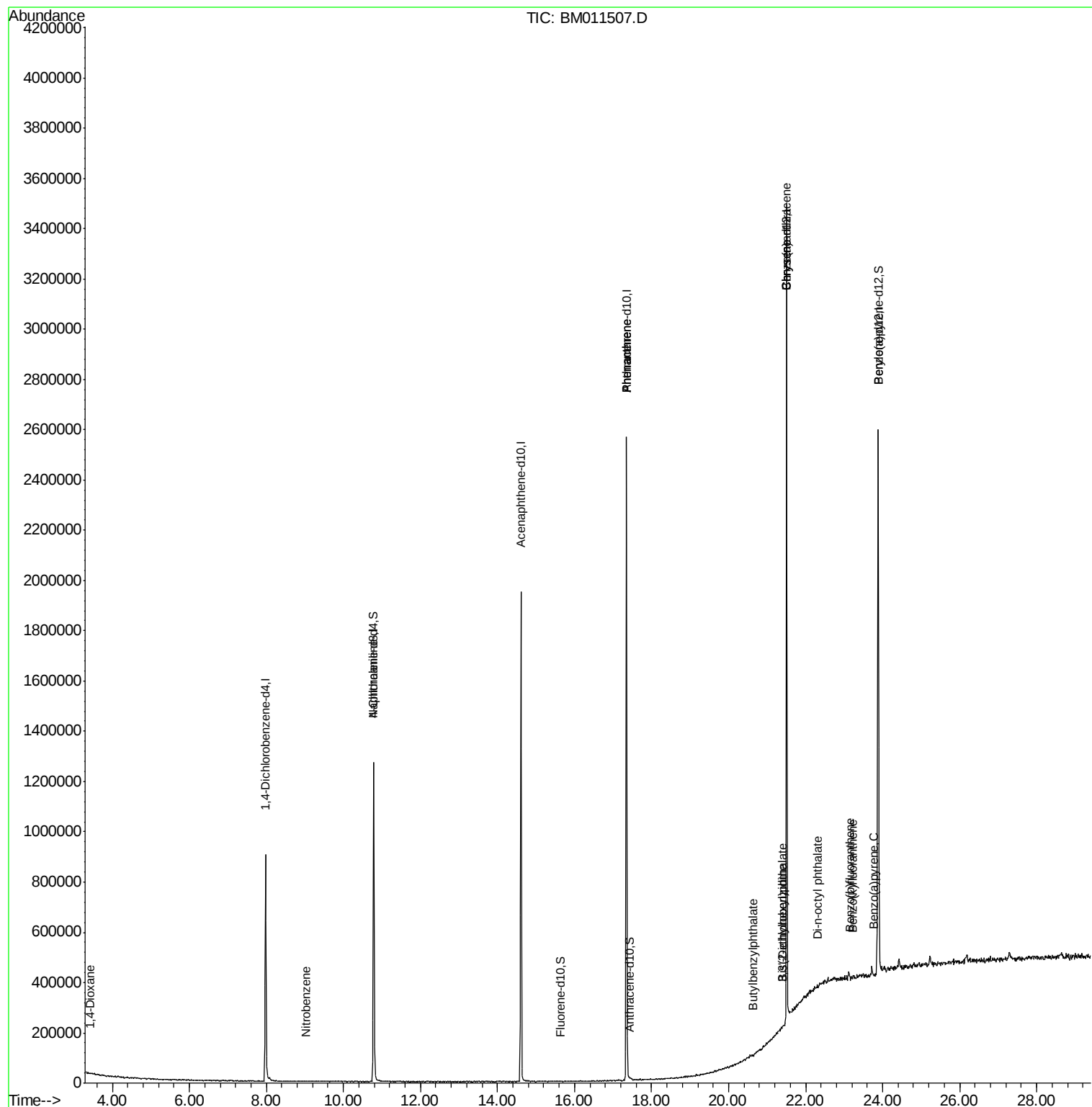
					Qvalue	
2) 1,4-Dioxane	3.44	88	39	0.006	ng/uL#	29
20) Nitrobenzene	9.01	77	266	0.014	ng/ul#	43
70) Phenanthrene	17.35	178	518	0.006	ng/ul#	1
72) Anthracene	17.35	178	518	0.006	ng/ul#	1
81) Butylbenzylphthalate	20.62	149	206	0.005	ng/ul#	26
82) 3,3'-Dichlorobenzidine	21.39	252	286	0.010	ng/ul#	24
83) Benzo(a)anthracene	21.50	228	3936	0.046	ng/ul#	68
84) Bis(2-ethylhexyl)phthalate	21.40	149	1214	0.019	ng/ul#	84
85) Chrysene	21.50	228	3936	0.051	ng/ul#	65
87) Di-n-octyl phthalate	22.32	149	1097	0.010	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	341	0.004	ng/ul#	1
89) Benzo(k)fluoranthene	23.21	252	455	0.005	ng/ul#	1
91) Benzo(a)pyrene	23.79	252	712	0.008	ng/ul#	1

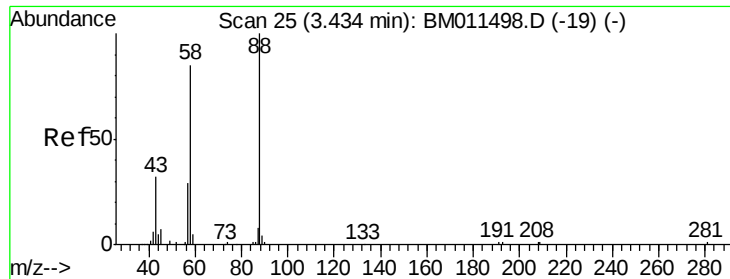
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.006 ng/uL

RT: 3.44 min Scan# 26

Delta R.T. 0.01 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

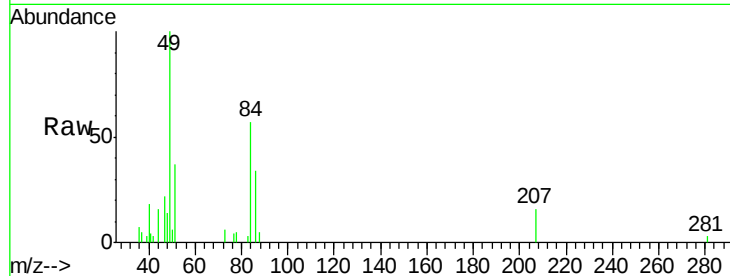
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

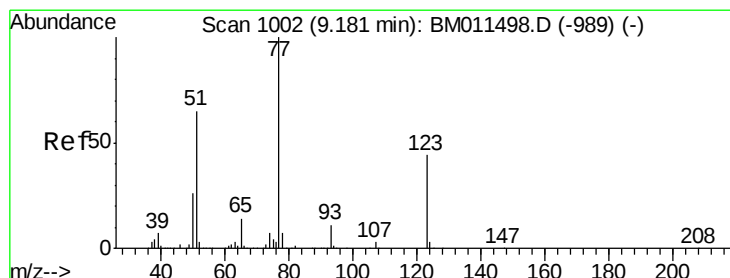
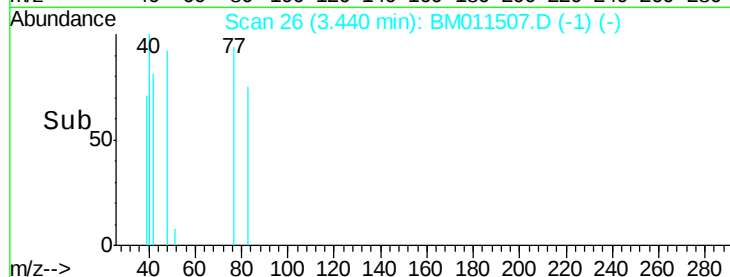
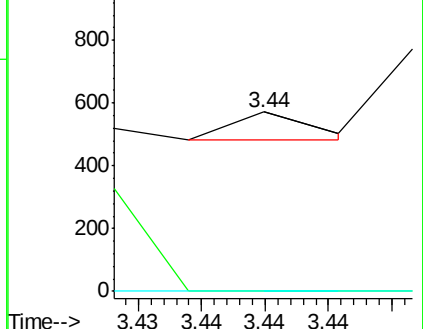
58 0.0 45.9 68.9#



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) (-)



#20

Nitrobenzene

Concen: 0.014 ng/uL

RT: 9.01 min Scan# 973

Delta R.T. -0.17 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

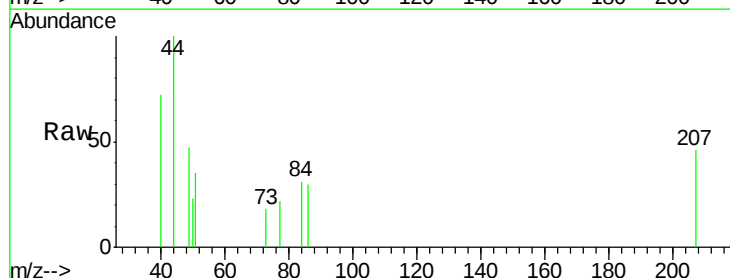
Tgt Ion: 77 Resp: 266

Ion Ratio Lower Upper

77 100

123 0.0 31.8 47.8#

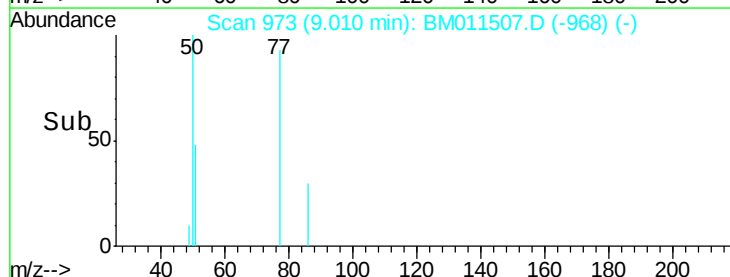
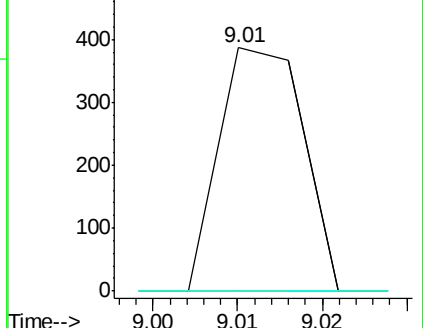
65 0.0 10.6 16.0#

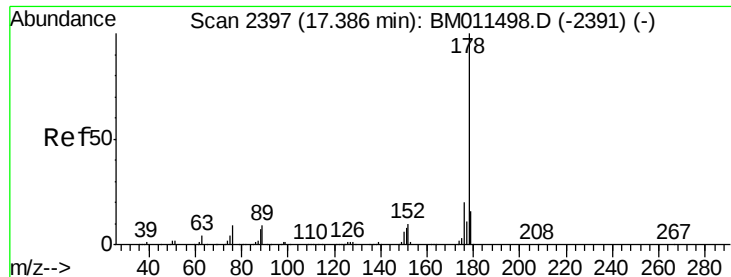


Abundance Ion 77.00 (76.70 to 77.70): BM011498.D (-989) (-)

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: 17.35 min Scan# 2391

Delta R.T. -0.04 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

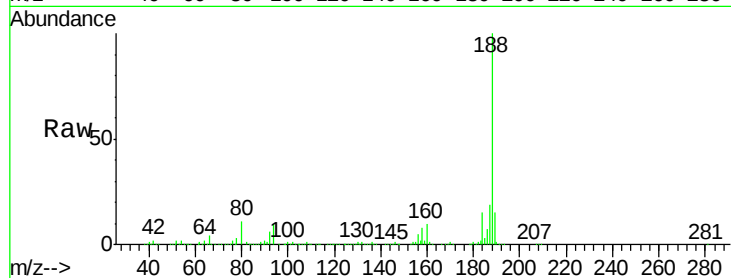
Tgt Ion:178 Resp: 518

Ion Ratio Lower Upper

178 100

179 218.1 12.3 18.5#

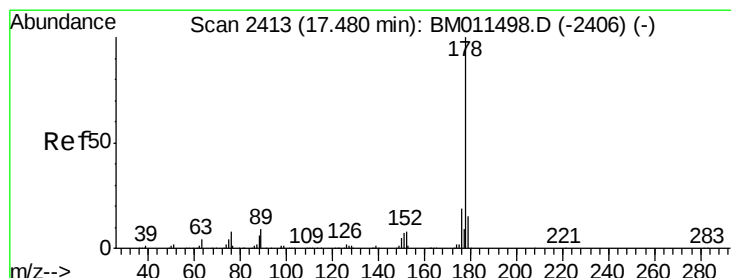
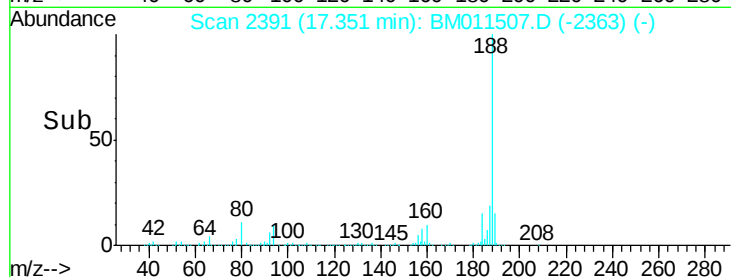
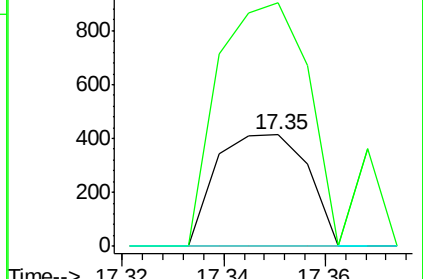
176 0.0 15.4 23.0#



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



#72

Anthracene

Concen: 0.006 ng/ul

RT: 17.35 min Scan# 2391

Delta R.T. -0.13 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

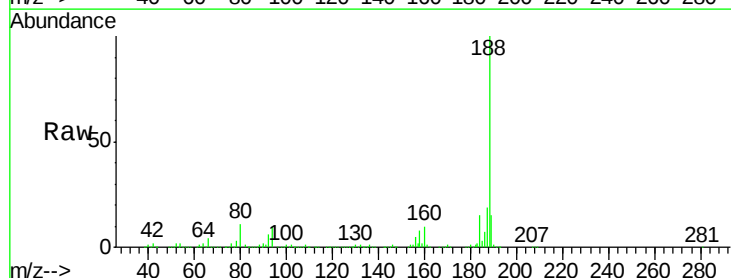
Tgt Ion:178 Resp: 518

Ion Ratio Lower Upper

178 100

179 218.1 13.4 20.2#

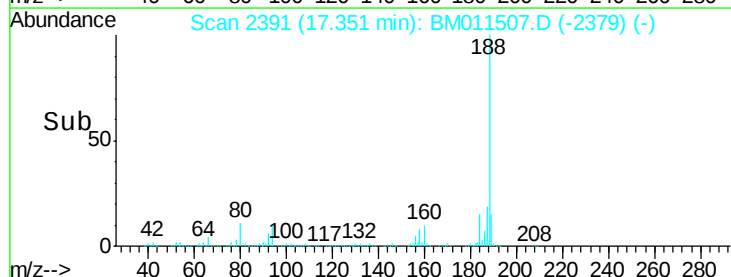
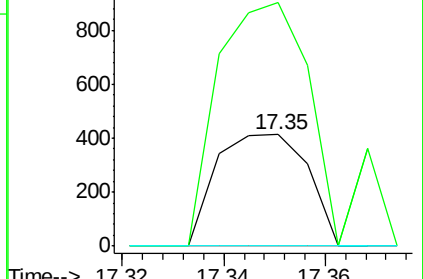
176 0.0 15.4 23.0#

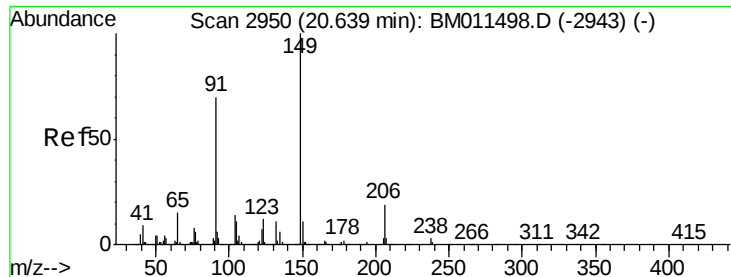


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

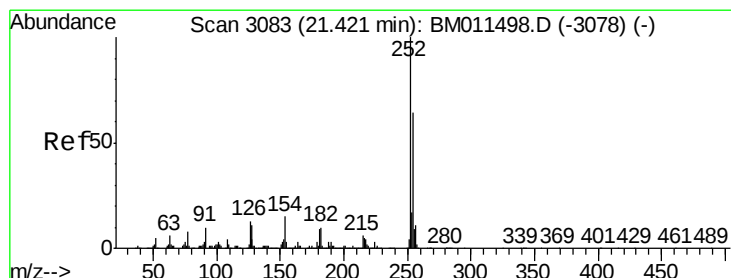
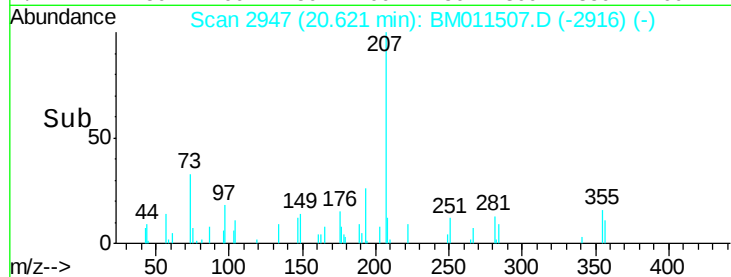
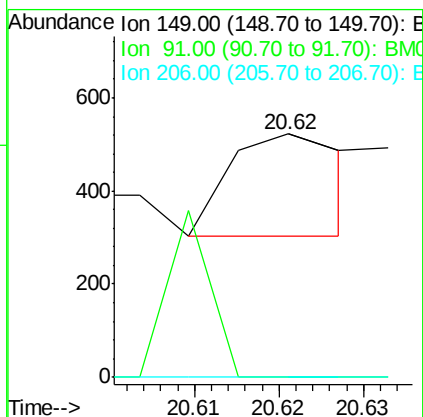
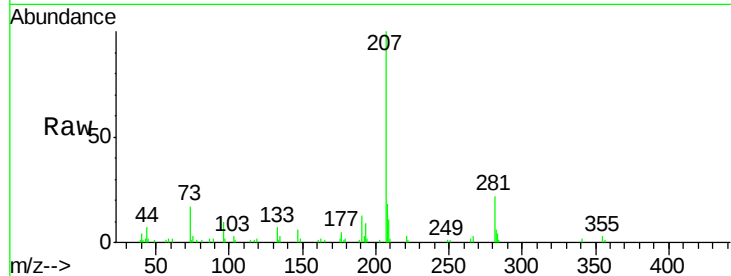




#81
Butylbenzylphthalate
Concen: 0.005 ng/ul
RT: 20.62 min Scan# 2947
Delta R.T. -0.02 min
Lab File: BM011507.D
Acq: 11 Sep 2017 21:28

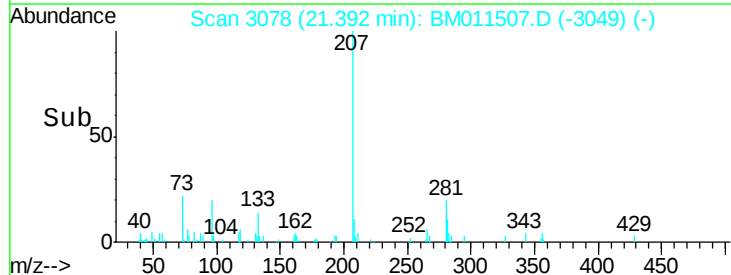
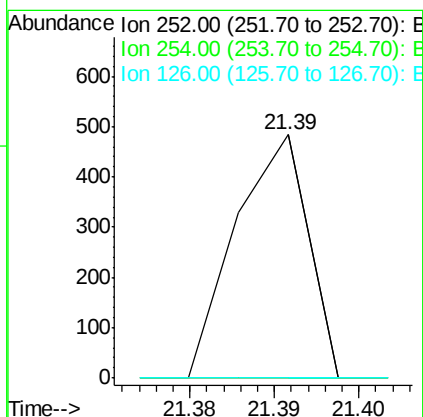
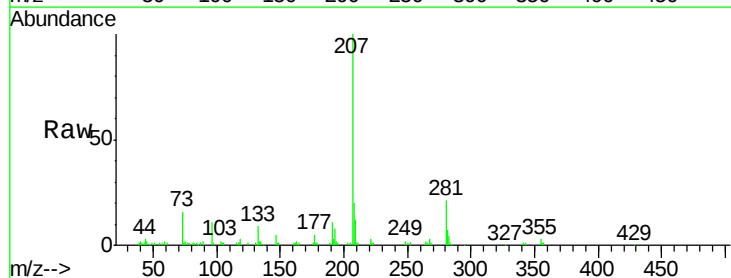
Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

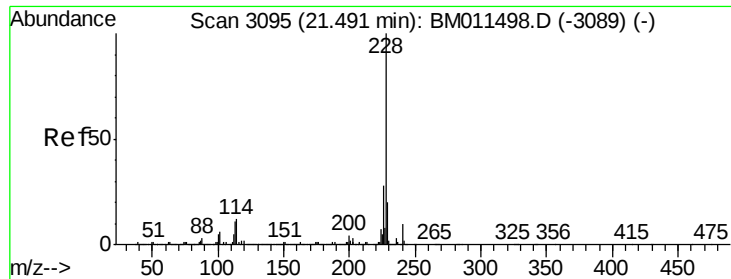
Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.4	80.0#
206	0.0	19.3	28.9#



#82
3,3'-Dichlorobenzidine
Concen: 0.010 ng/ul
RT: 21.39 min Scan# 3078
Delta R.T. -0.03 min
Lab File: BM011507.D
Acq: 11 Sep 2017 21:28

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: 0.046 ng/ul

RT: 21.50 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

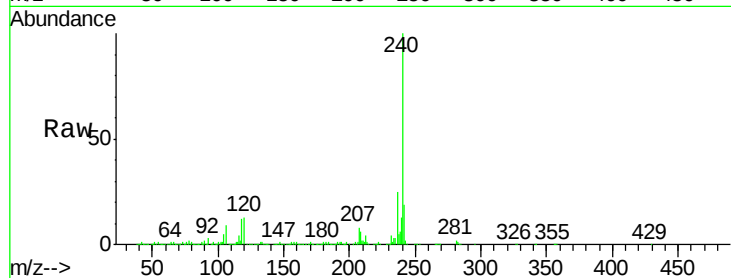
Tgt Ion:228 Resp: 3936

Ion Ratio Lower Upper

228 100

229 21.5 16.0 24.0

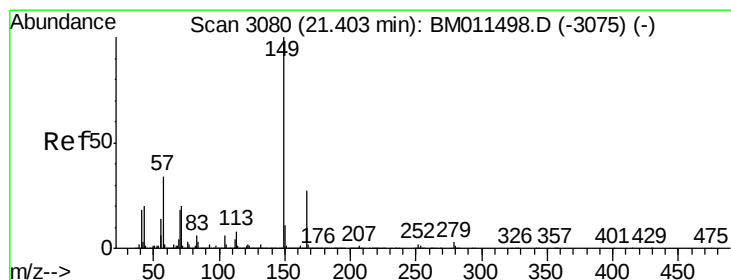
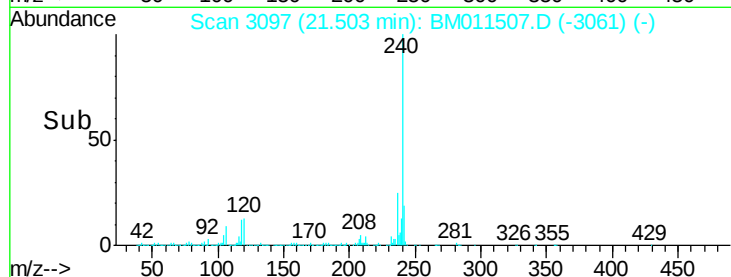
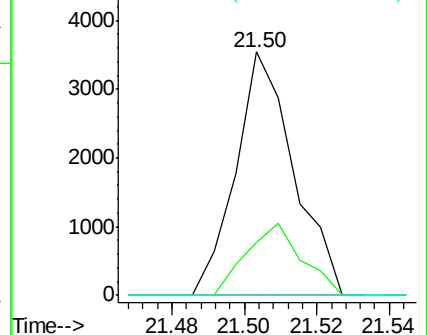
226 0.0 21.8 32.8#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.019 ng/ul

RT: 21.40 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

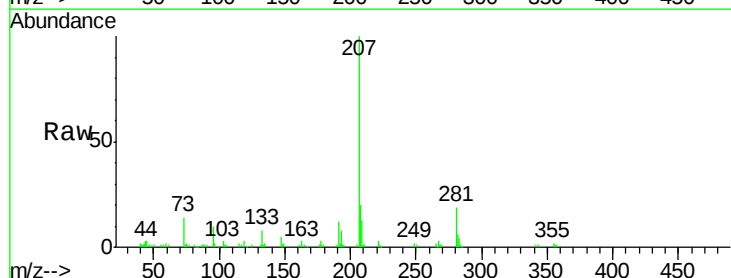
Tgt Ion:149 Resp: 1214

Ion Ratio Lower Upper

149 100

167 20.4 23.0 34.6#

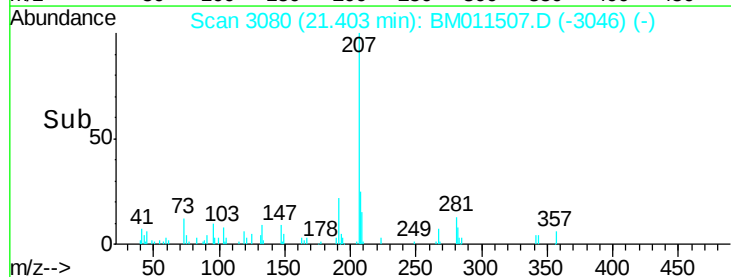
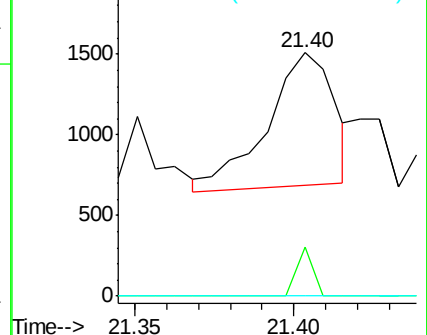
279 0.0 4.3 6.5#

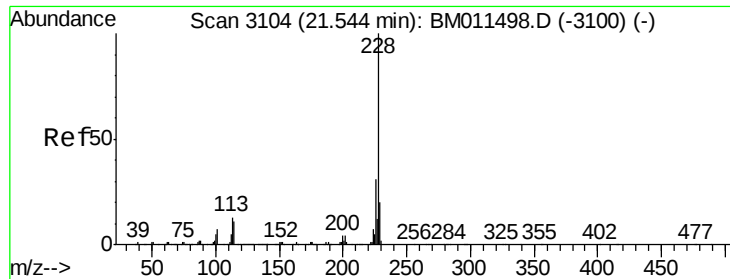


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.051 ng/ul

RT: 21.50 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

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ClientSampleId :

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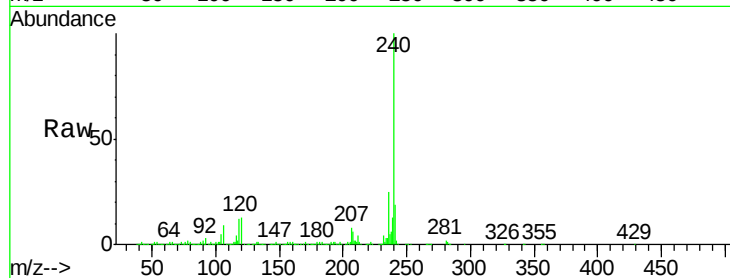
Tgt Ion:228 Resp: 3936

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

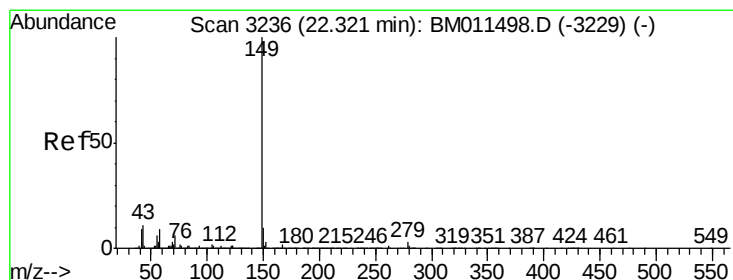
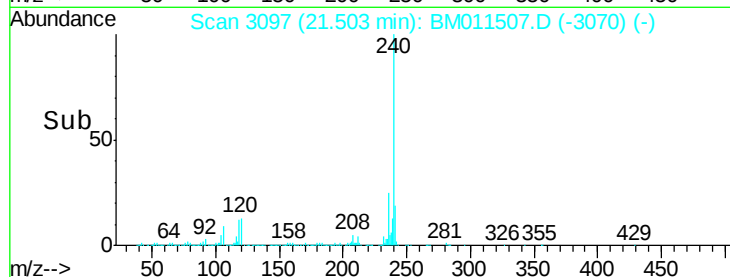
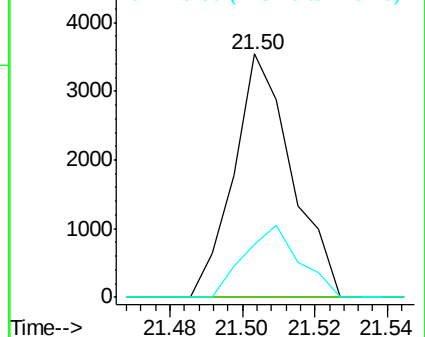
229 21.5 16.0 24.0



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: 0.010 ng/ul

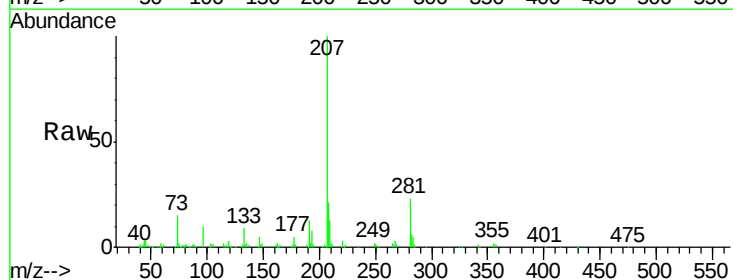
RT: 22.32 min Scan# 3235

Delta R.T. -0.01 min

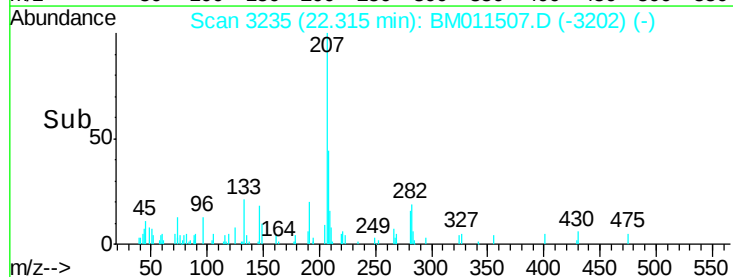
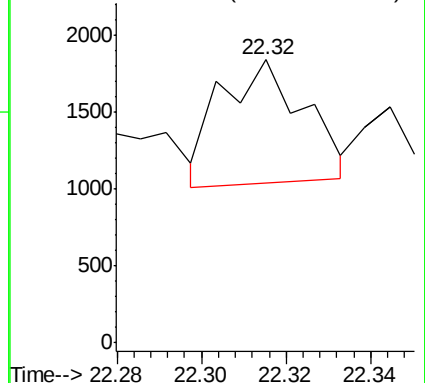
Lab File: BM011507.D

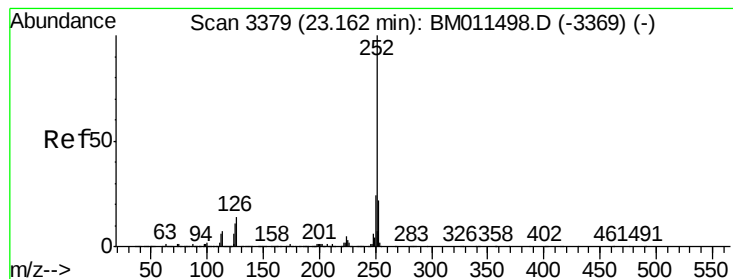
Acq: 11 Sep 2017 21:28

Tgt Ion:149 Resp: 1097



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.004 ng/u1

RT: 23.16 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

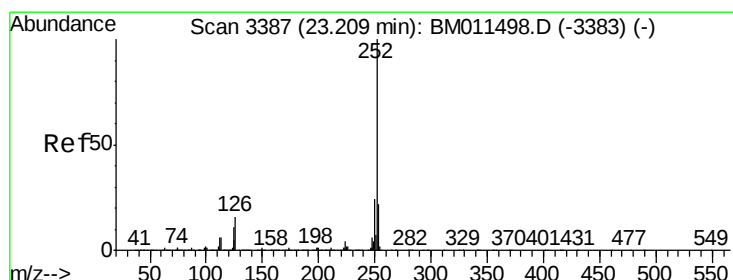
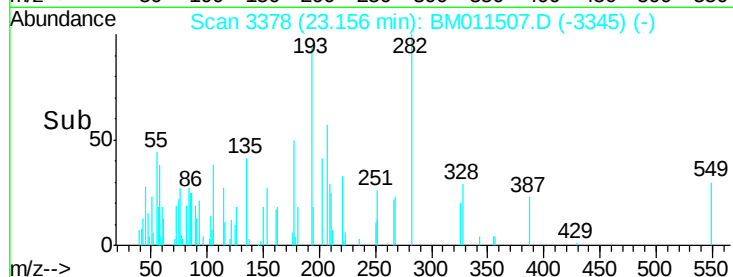
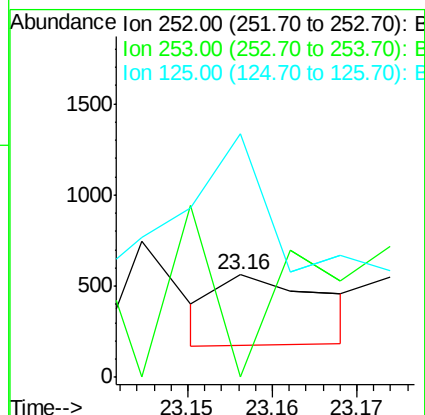
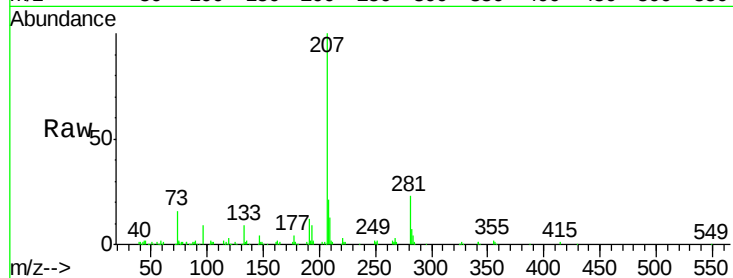
Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

Tgt Ion:	252	Resp:	341
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.0#
125	238.1	4.9	7.3#



#89

Benzo(k)fluoranthene

Concen: 0.005 ng/u1

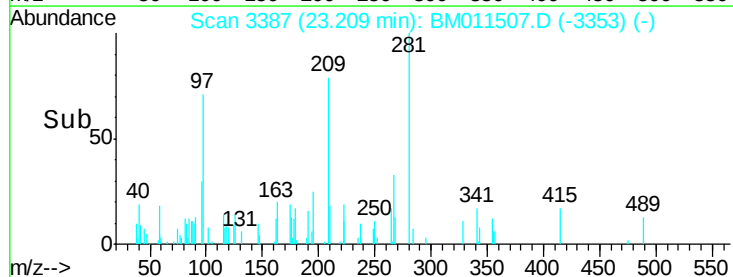
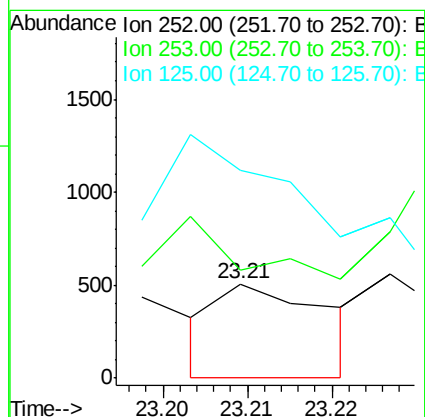
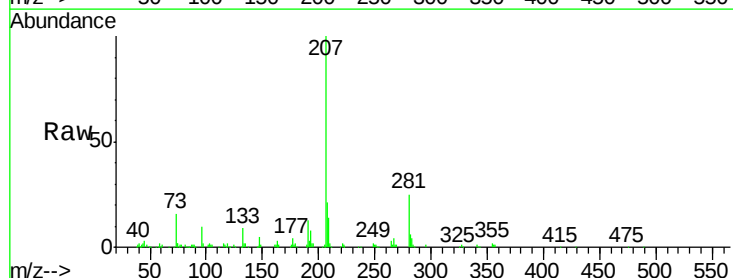
RT: 23.21 min Scan# 3387

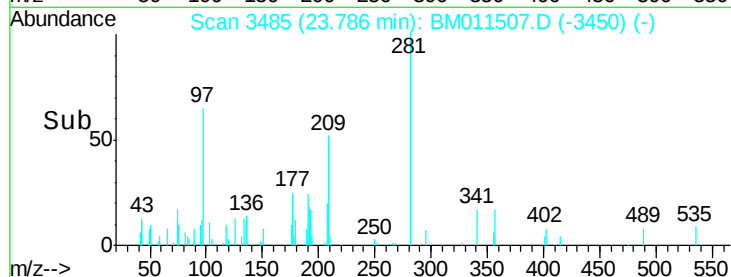
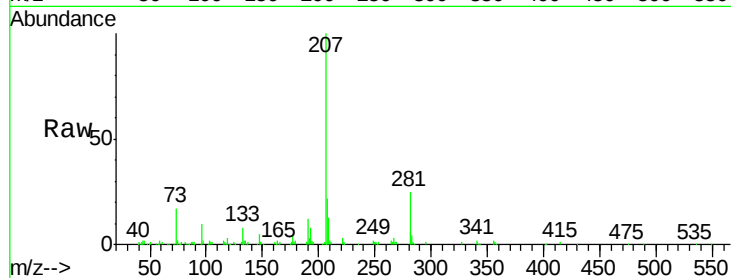
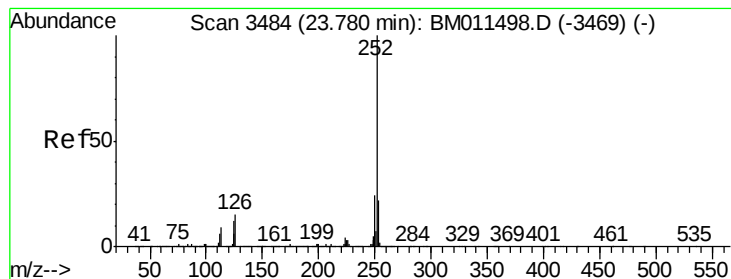
Delta R.T. -0.00 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

Tgt Ion:	252	Resp:	455
Ion Ratio	Lower	Upper	
252	100		
253	114.0	17.1	25.7#
125	220.1	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 0.008 ng/ul

RT: 23.79 min Scan# 3485

Delta R.T. 0.01 min

Lab File: BM011507.D

Acq: 11 Sep 2017 21:28

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

Tgt Ion: 252 Resp: 712

Ion Ratio Lower Upper

252 100

253 162.6 17.2 25.8#

125 123.6 5.8 8.6#

