

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021317\
 Data File : BM008989.D
 Acq On : 13 Feb 2017 18:48
 Operator : SJ/MA
 Sample : I1781-10

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC2-BLANK

Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 14 00:10:31 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 14 00:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	173186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	631650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	421284	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	837426	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	985399	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	931908	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	10.71	131	846	0.08	ng/ul	-0.14
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.54	176	1127	0.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	837426	21.26	ng/ul	-0.10
76) Pyrene-d10	0.00	212	0	0.00	ng/ul	
87) Benzo(a)pyrene-d12	23.81	264	898878	21.40	ng/ul	0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	777	0.16	ng/uL#	13
78) Butylbenzylphthalate	20.59	149	711	0.04	ng/ul#	10
79) 3,3'-Dichlorobenzidine	21.38	252	191	0.01	ng/ul#	25
80) Benzo(a)anthracene	21.46	228	3403	0.06	ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.34	149	467	0.02	ng/ul#	56
82) Chrysene	21.46	228	3403	0.06	ng/ul#	80
84) Di-n-octyl phthalate	22.27	149	1086	0.02	ng/ul#	90
85) Benzo(b)fluoranthene	23.10	252	773	0.01	ng/ul#	1
86) Benzo(k)fluoranthene	23.16	252	602	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.70	252	713	0.01	ng/ul#	1
90) Dibenzo(a,h)anthracene	26.23	278	142	0.00	ng/ul#	1

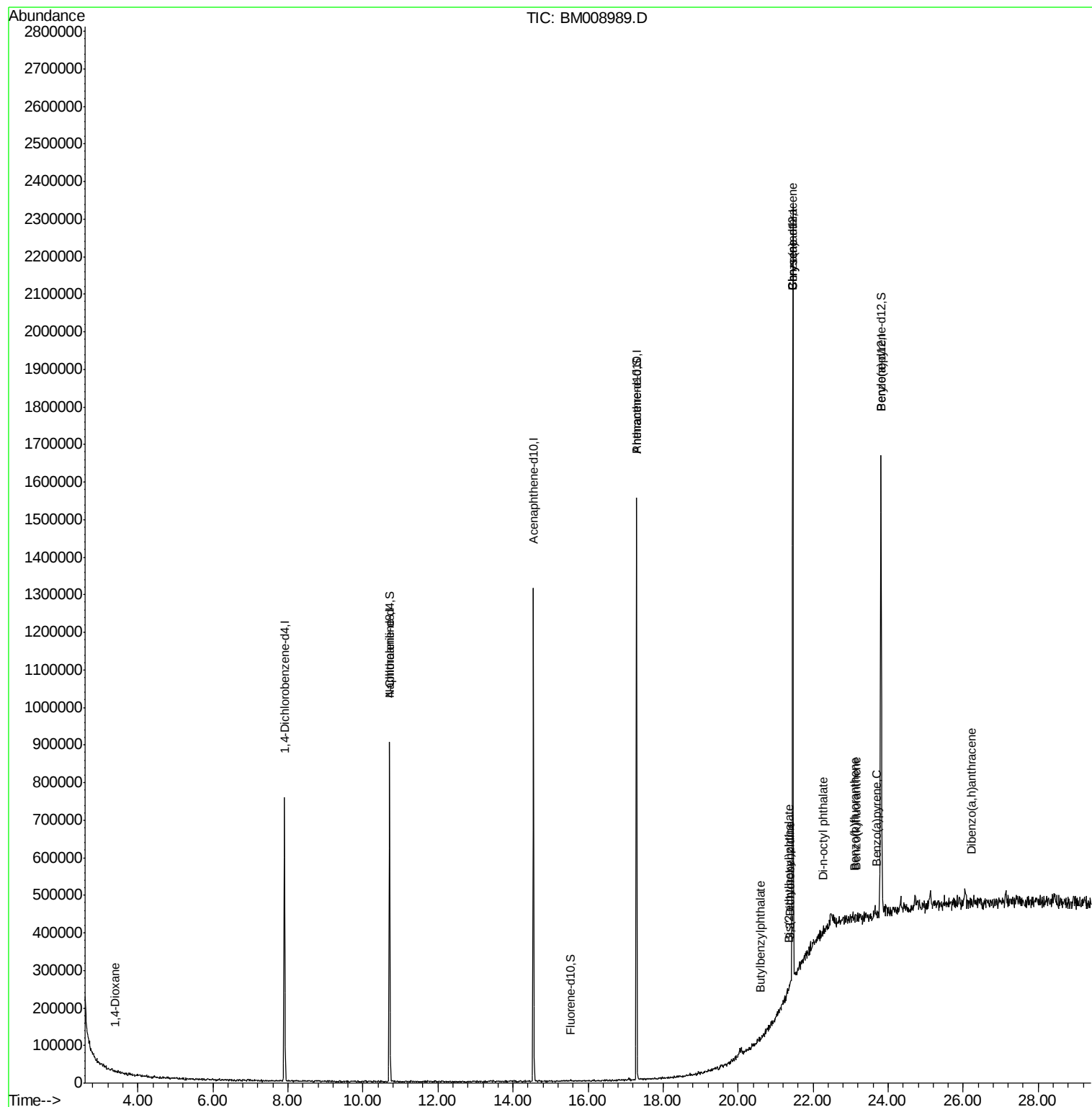
(#) = qualifier out of range (m) = manual integration (+) = signals summed

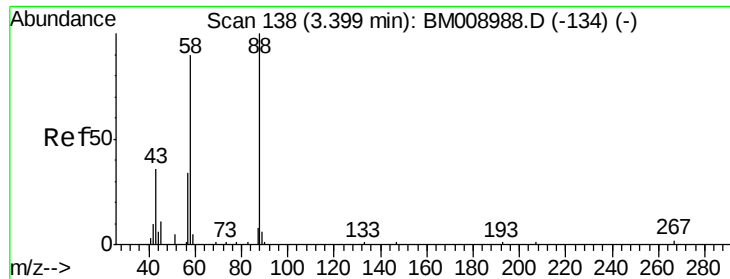
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021317\
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QLast Update : Tue Feb 14 00:06:01 2017
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.16 ng/uL

RT: 3.39 min Scan# 137

Delta R.T. -0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

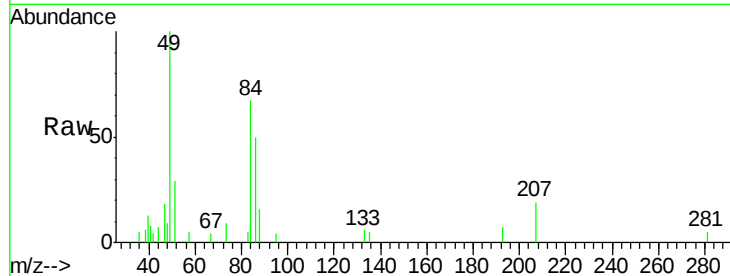
Tgt Ion: 88 Resp: 777

Ion Ratio Lower Upper

88 100

43 21.5 59.0 88.4#

58 0.0 87.4 131.2#

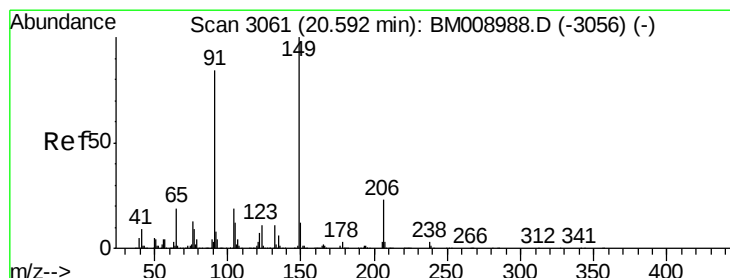
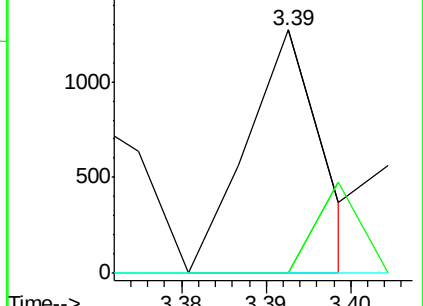
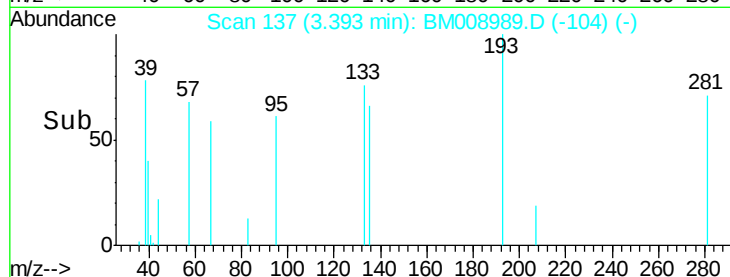


Abundance Ion 88.00 (87.70 to 88.70): BM008988.D (-134) (-)

Ion 43.00 (42.70 to 43.70): BM008988.D (-134) (-)

Ion 58.00 (57.70 to 58.70): BM008988.D (-134) (-)

Time-->



#78

Butylbenzylphthalate

Concen: 0.04 ng/uL

RT: 20.59 min Scan# 3061

Delta R.T. -0.00 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

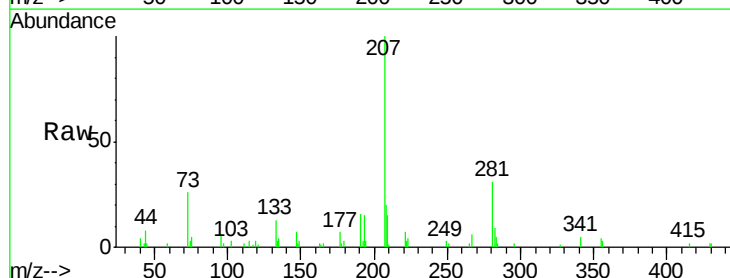
Tgt Ion: 149 Resp: 711

Ion Ratio Lower Upper

149 100

91 0.0 80.0 120.0#

206 0.0 19.1 28.7#

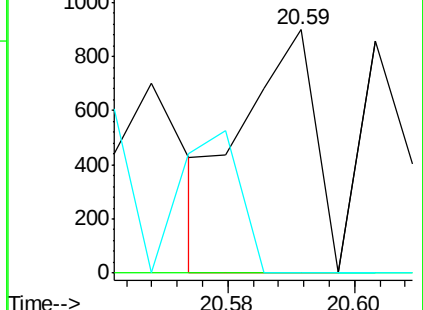
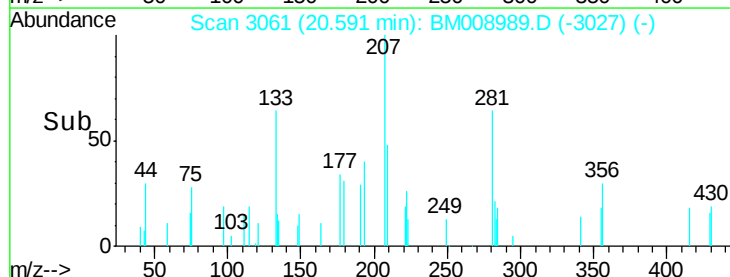


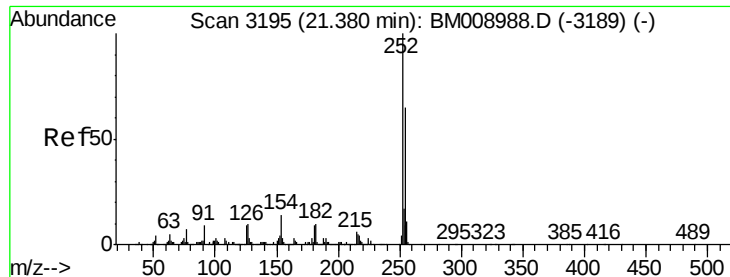
Abundance Ion 149.00 (148.70 to 149.70): BM008988.D (-3056) (-)

Ion 91.00 (90.70 to 91.70): BM008988.D (-3056) (-)

Ion 206.00 (205.70 to 206.70): BM008988.D (-3056) (-)

Time-->





#79

3,3'-Dichlorobenzidine

Concen: 0.01 ng/ul

RT: 21.38 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

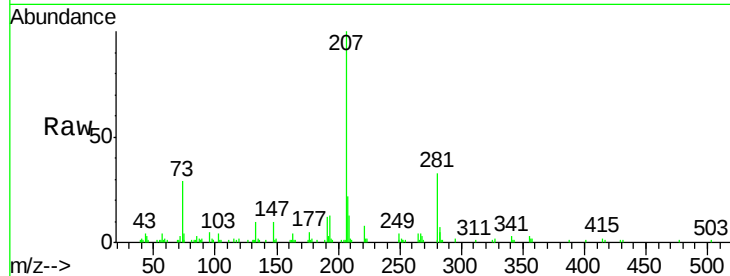
Tgt Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

254 0.0 51.9 77.9#

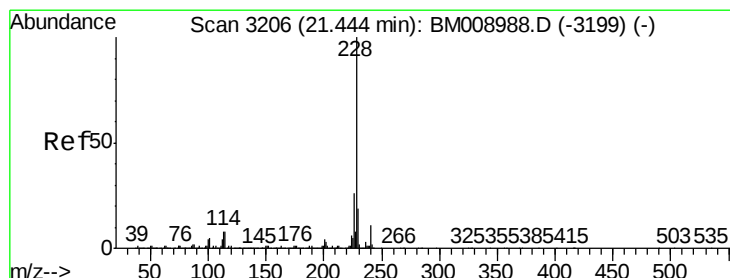
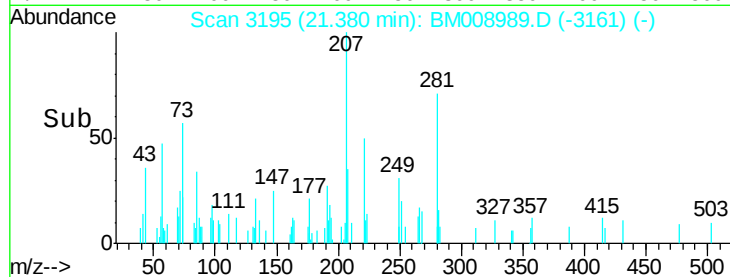
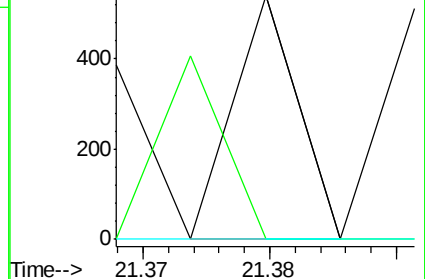
126 0.0 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.46 min Scan# 3208

Delta R.T. 0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

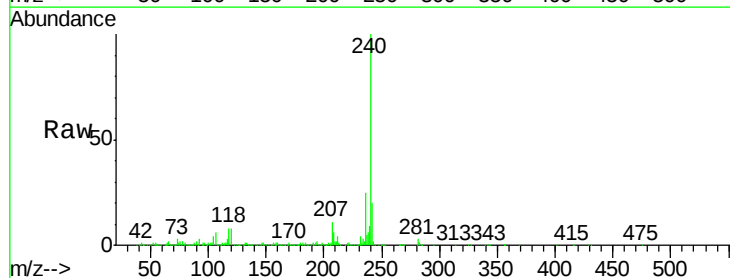
Tgt Ion:228 Resp: 3403

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.2

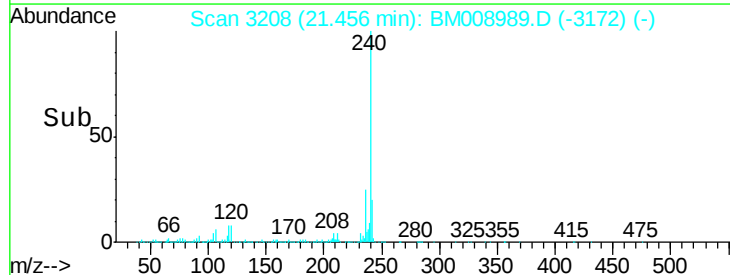
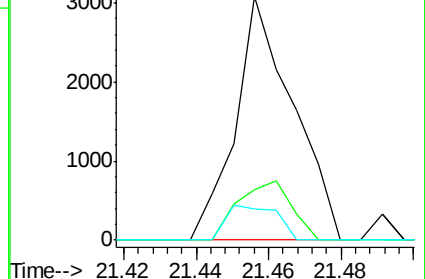
226 13.0 21.2 31.8#

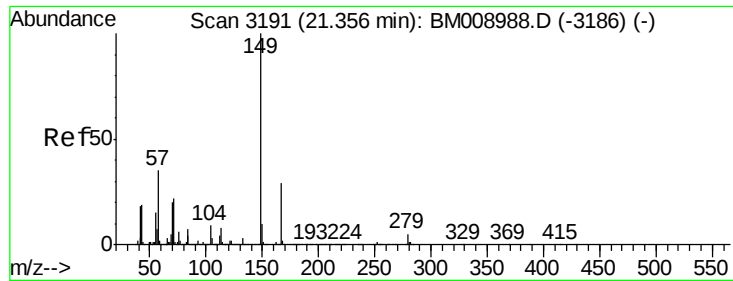


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

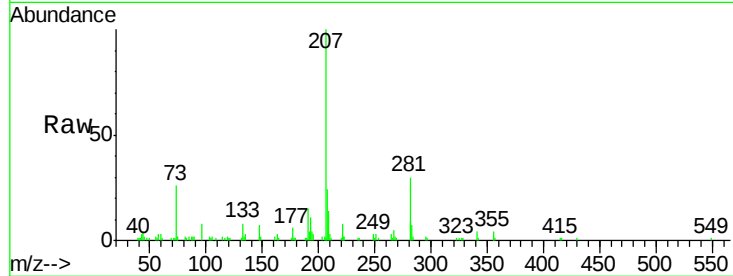
Tgt Ion:149 Resp: 467

Ion Ratio Lower Upper

149 100

167 0.0 20.2 30.2#

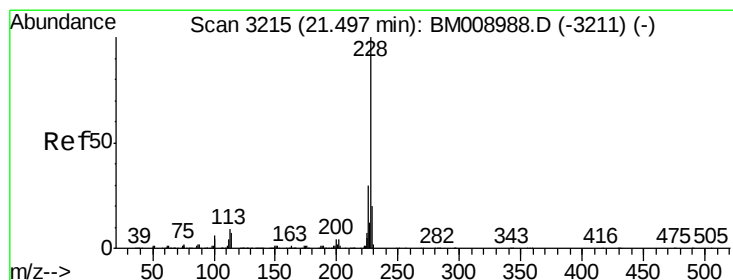
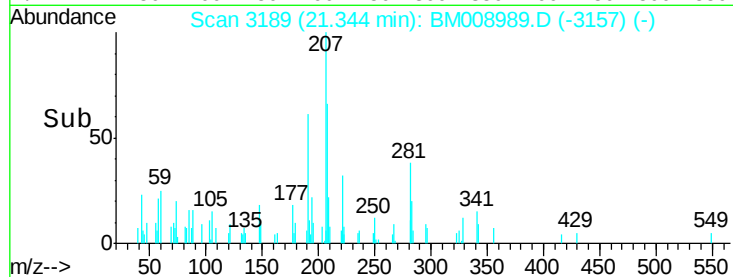
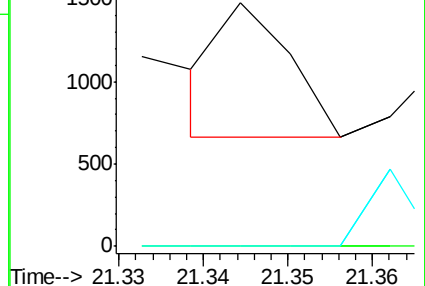
279 0.0 4.0 6.0#



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: 0.06 ng/ul

RT: 21.46 min Scan# 3208

Delta R.T. -0.04 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

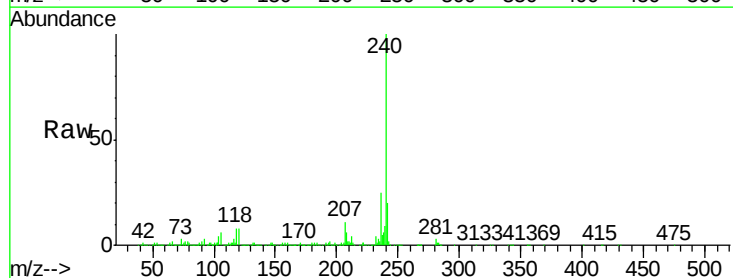
Tgt Ion:228 Resp: 3403

Ion Ratio Lower Upper

228 100

226 13.0 23.9 35.9#

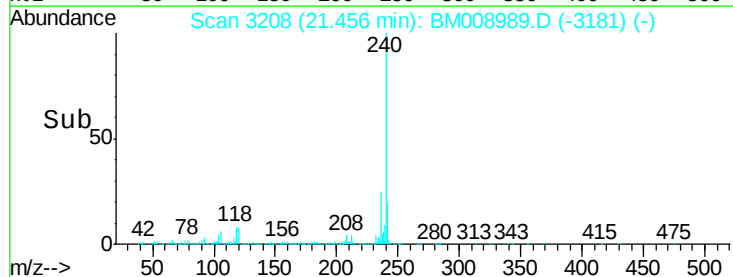
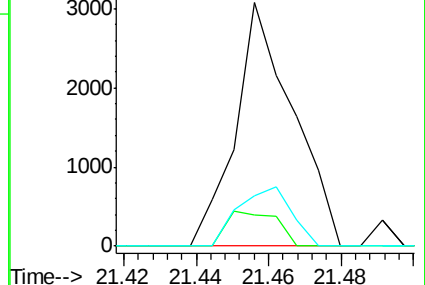
229 20.5 15.4 23.2

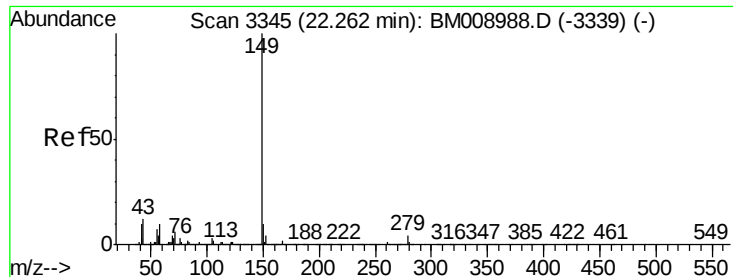


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng/ul

RT: 22.27 min Scan# 3346

Delta R.T. 0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

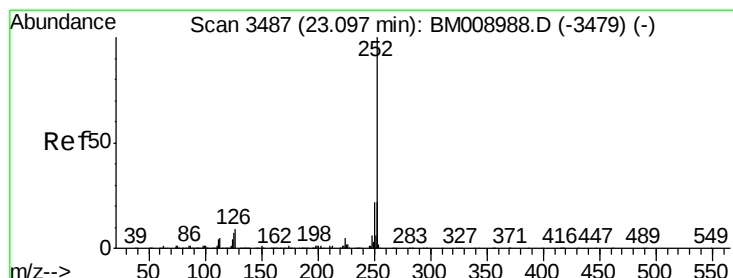
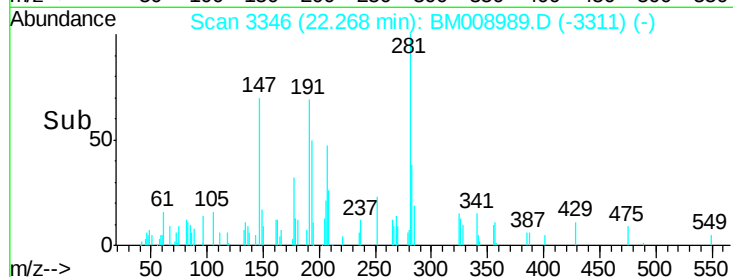
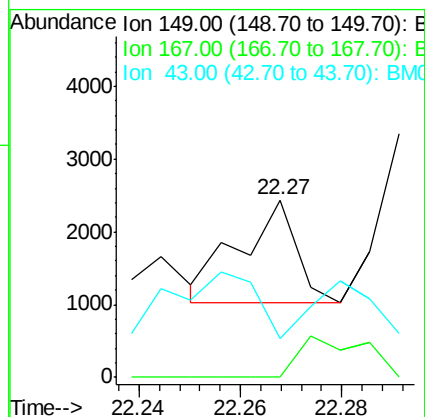
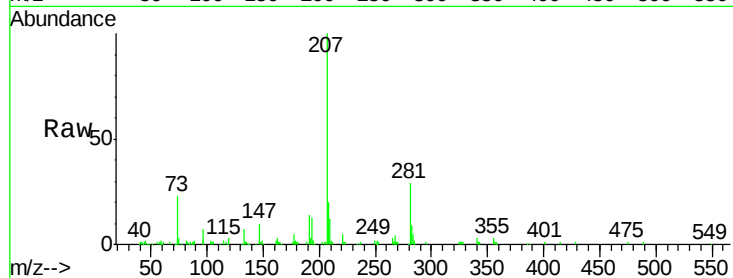
Tgt Ion:149 Resp: 1086

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 21.7 13.7 20.5#



#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.10 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

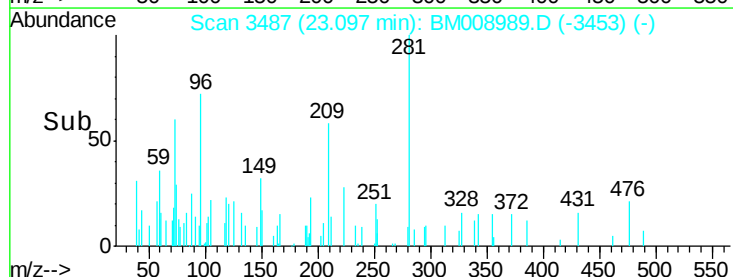
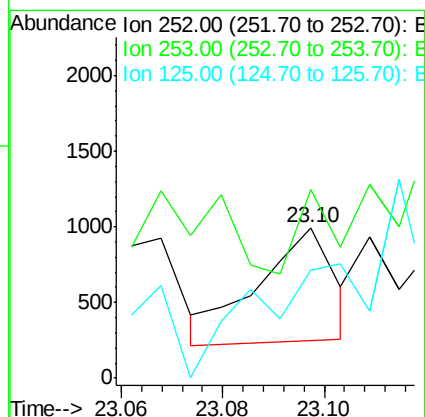
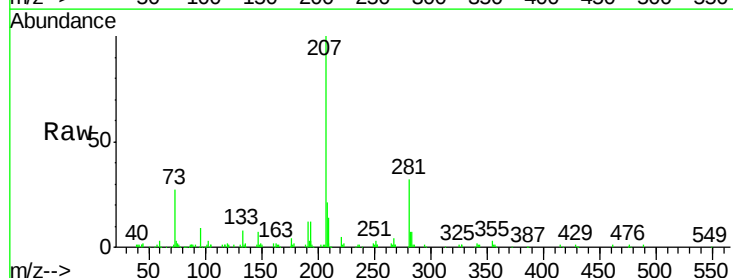
Tgt Ion:252 Resp: 773

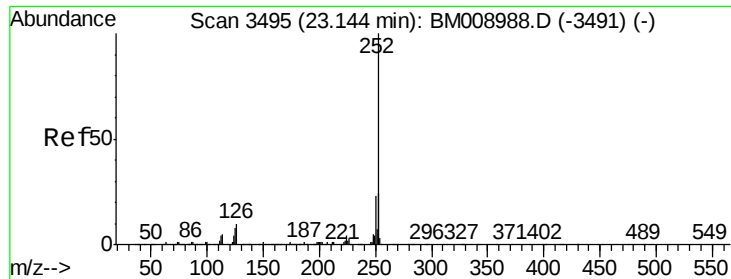
Ion Ratio Lower Upper

252 100

253 125.0 17.0 25.4#

125 71.4 3.7 5.5#





#86

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 23.16 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

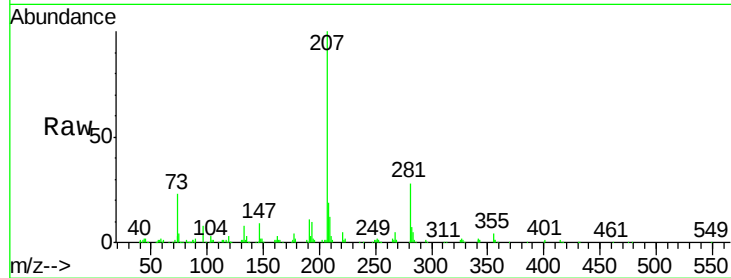
Tgt Ion:252 Resp: 602

Ion Ratio Lower Upper

252 100

253 203.5 17.4 26.0#

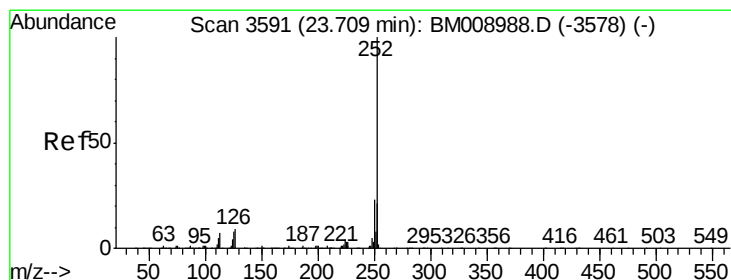
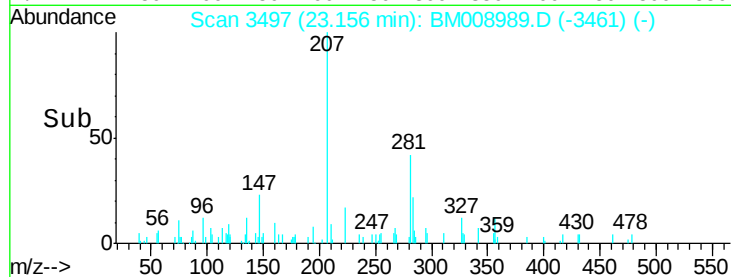
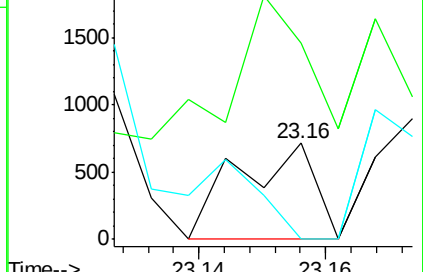
125 0.0 3.8 5.8#



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



#88

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.70 min Scan# 3589

Delta R.T. -0.01 min

Lab File: BM008989.D

Acq: 13 Feb 2017 18:48

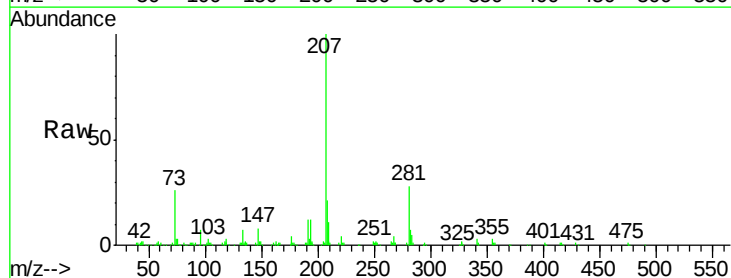
Tgt Ion:252 Resp: 713

Ion Ratio Lower Upper

252 100

253 121.7 17.4 26.0#

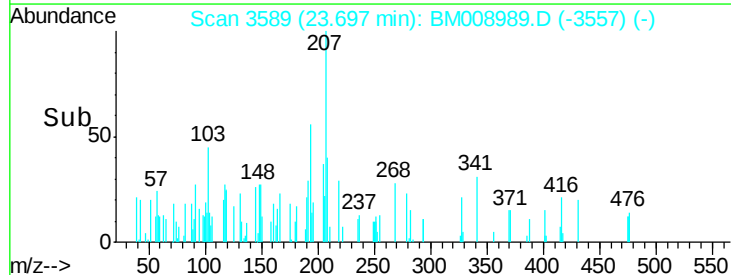
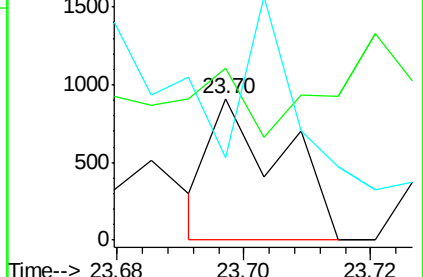
125 58.4 3.7 5.5#

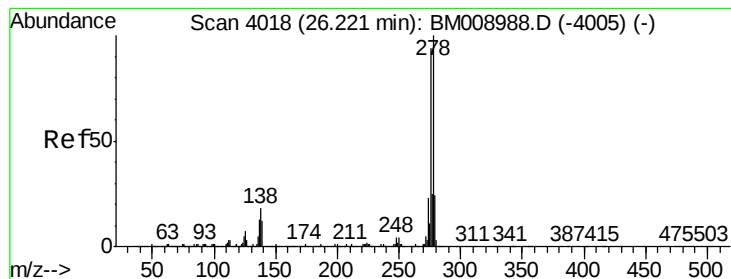


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 26.23 min Scan# 4019

Delta R.T. 0.01 min

Lab File: BM008989.D

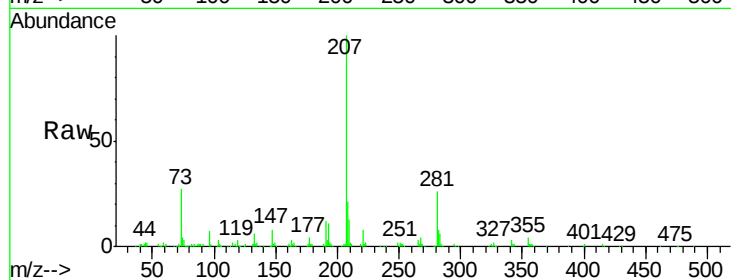
Acq: 13 Feb 2017 18:48

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK



Tgt Ion:	278	Resp:	142
Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	106.9	17.9	26.9#

