

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021317\
 Data File : BM008990.D
 Acq On : 13 Feb 2017 19:24
 Operator : SJ/MA
 Sample : I1781-05

Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 14 00:10:41 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	7.91	152	138491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	505474	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	333704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	675754	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	824602	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	832933	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	10.72	131	324	0.04	ng/ul	-0.13
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	1216	0.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	675754	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	805861	21.47	ng/ul	0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	661	0.17	ng/uL#	16
69) Phenanthrene	17.29	178	350	0.01	ng/ul#	59
71) Anthracene	17.29	178	350	0.01	ng/ul#	59
78) Butylbenzylphthalate	20.60	149	683	0.04	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.36	252	355	0.02	ng/ul#	25
80) Benzo(a)anthracene	21.46	228	2548	0.05	ng/ul#	64
81) Bis(2-ethylhexyl)phthalate	21.36	149	321	0.01	ng/ul#	56
82) Chrysene	21.46	228	2548	0.06	ng/ul#	61
84) Di-n-octyl phthalate	22.26	149	622	0.01	ng/ul#	1
85) Benzo(b)fluoranthene	23.10	252	544	0.01	ng/ul#	1
86) Benzo(k)fluoranthene	23.14	252	360	0.01	ng/ul#	1
88) Benzo(a)pyrene	23.71	252	454	0.01	ng/ul#	1

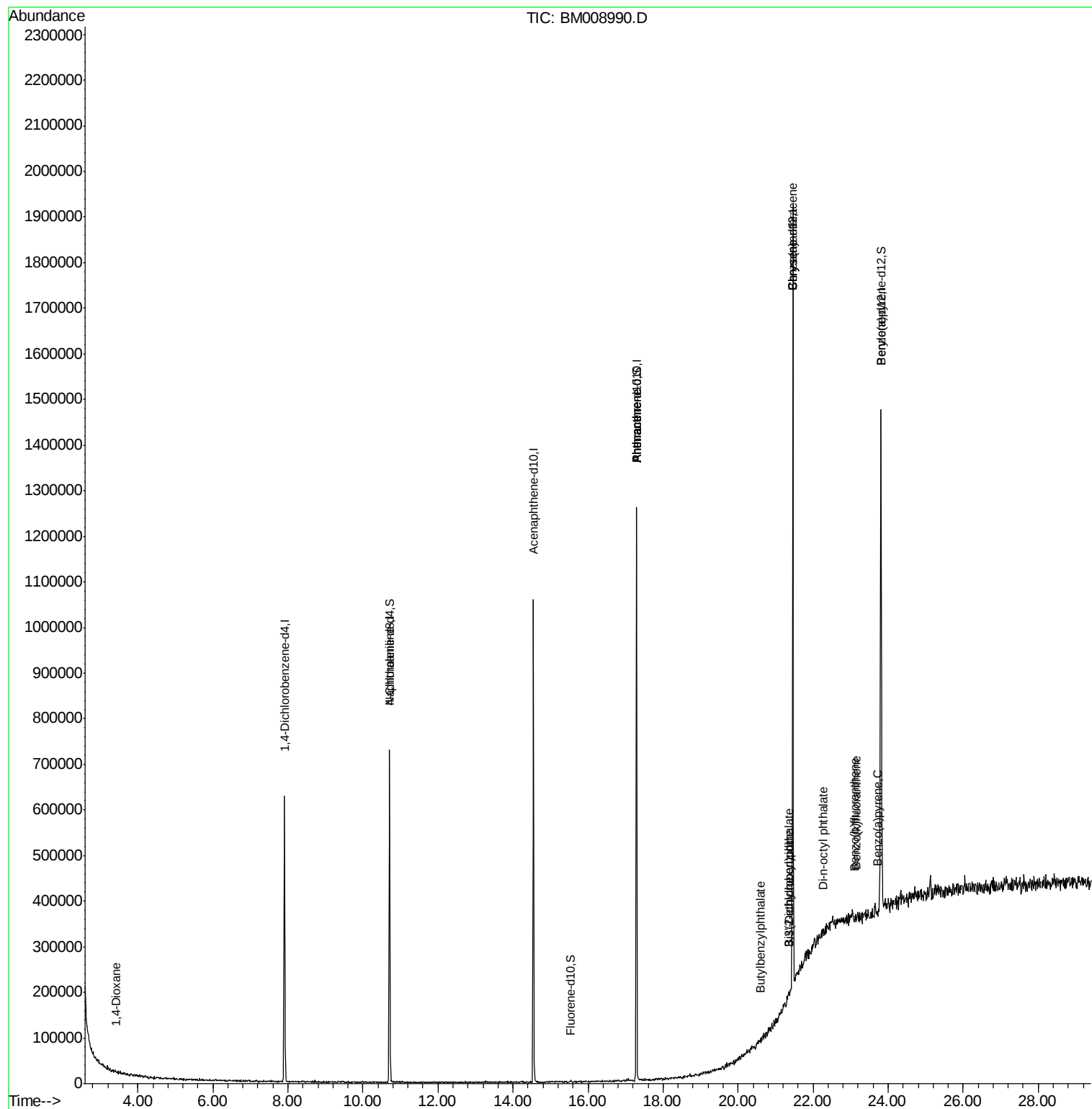
(#) = qualifier out of range (m) = manual integration (+) = signals summed

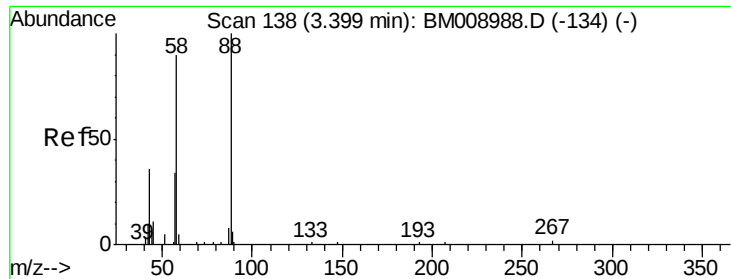
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021317\
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ALS Vial : 4 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 14 00:06:01 2017
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.17 ng/uL

RT: 3.43 min Scan# 143

Delta R.T. 0.03 min

Lab File: BM008990.D

Acq: 13 Feb 2017 19:24

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

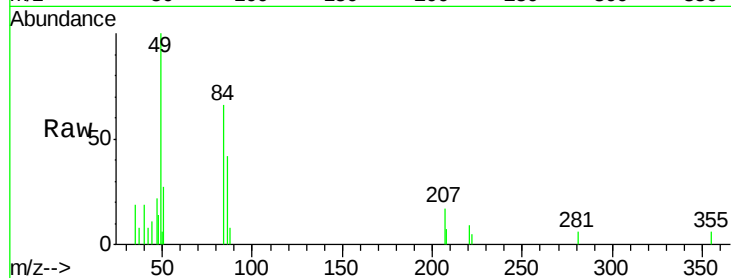
Tgt Ion: 88 Resp: 661

Ion Ratio Lower Upper

88 100

43 26.6 59.0 88.4#

58 0.0 87.4 131.2#

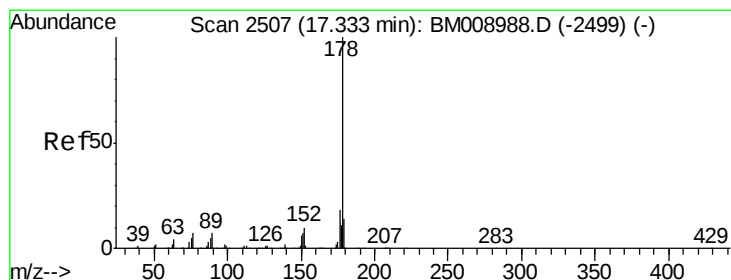
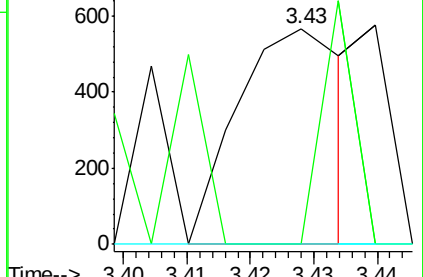
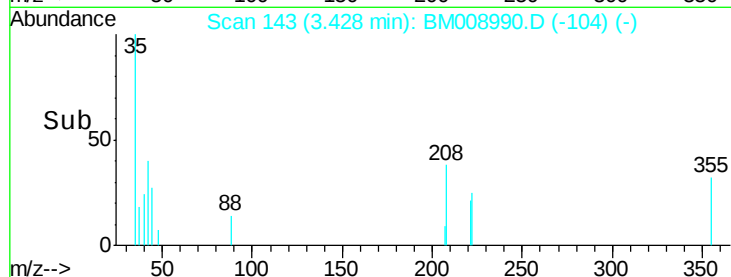


Abundance Ion 88.00 (87.70 to 88.70): BM008988.D (-134) (-)

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

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

Time-->



#69

Phenanthrene

Concen: 0.01 ng/uL

RT: 17.29 min Scan# 2499

Delta R.T. -0.05 min

Lab File: BM008990.D

Acq: 13 Feb 2017 19:24

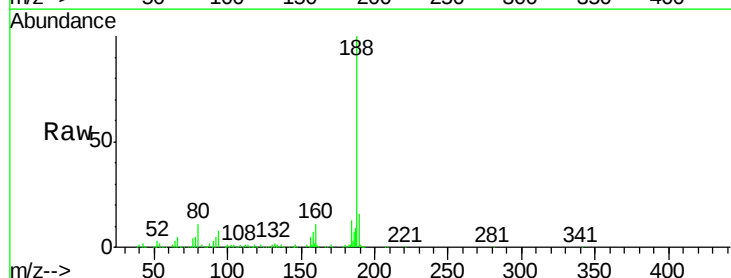
Tgt Ion: 178 Resp: 350

Ion Ratio Lower Upper

178 100

179 0.0 12.6 19.0#

176 0.0 15.8 23.6#

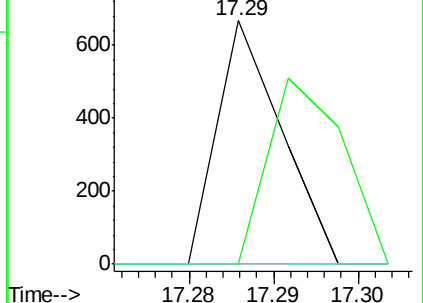
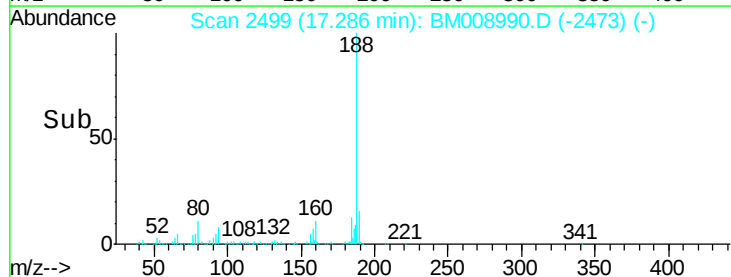


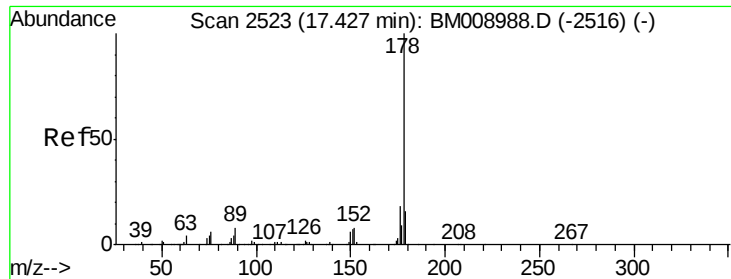
Abundance Ion 178.00 (177.70 to 178.70): BM008988.D (-2499) (-)

Ion 179.00 (178.70 to 179.70): BM008988.D (-2499) (-)

Ion 176.00 (175.70 to 176.70): BM008988.D (-2499) (-)

Time-->

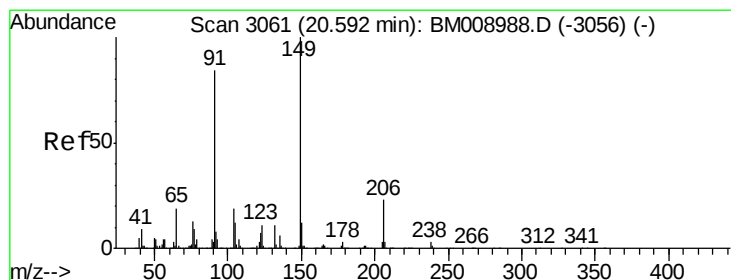
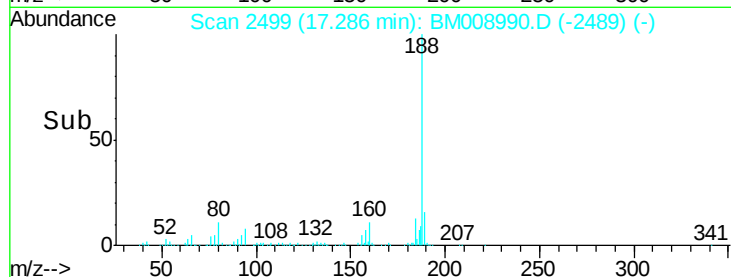
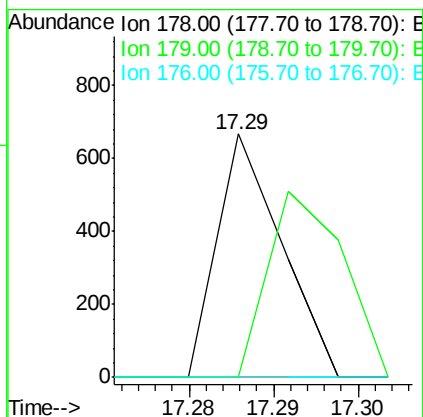
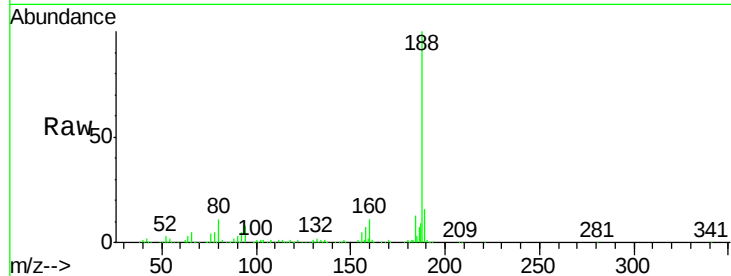




#71
 Anthracene
 Concen: 0.01 ng/ul
 RT: 17.29 min Scan# 2499
 Delta R.T. -0.14 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

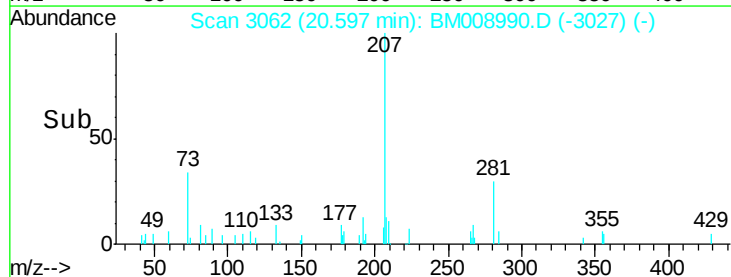
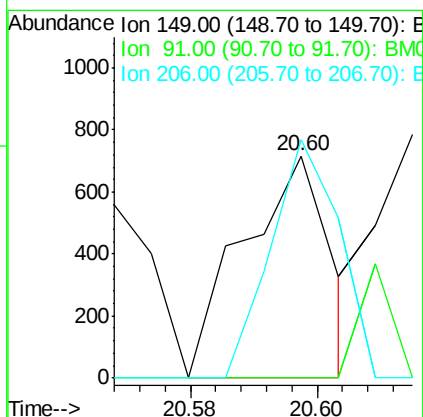
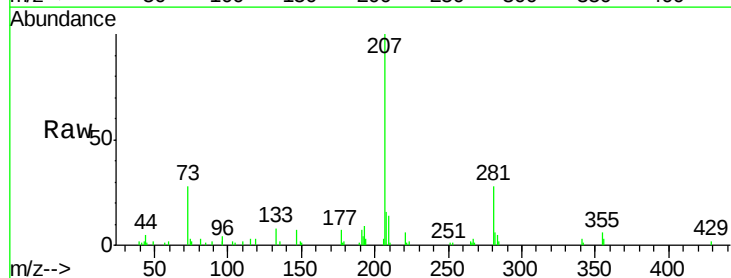
Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

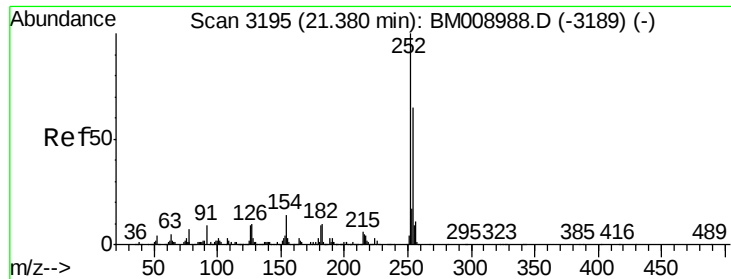
Tgt Ion:178 Resp: 350
 Ion Ratio Lower Upper
 178 100
 179 0.0 13.1 19.7#
 176 0.0 15.6 23.4#



#78
 Butylbenzylphthalate
 Concen: 0.04 ng/ul
 RT: 20.60 min Scan# 3062
 Delta R.T. 0.01 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

Tgt Ion:149 Resp: 683
 Ion Ratio Lower Upper
 149 100
 91 0.0 80.0 120.0#
 206 107.5 19.1 28.7#

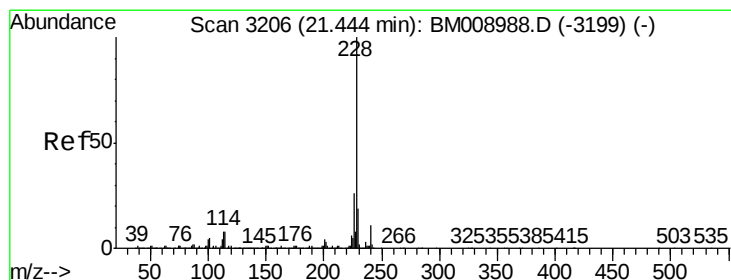
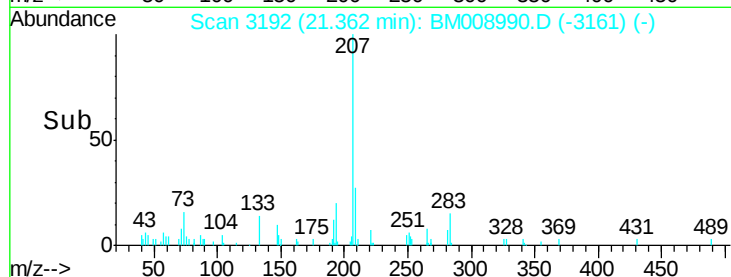
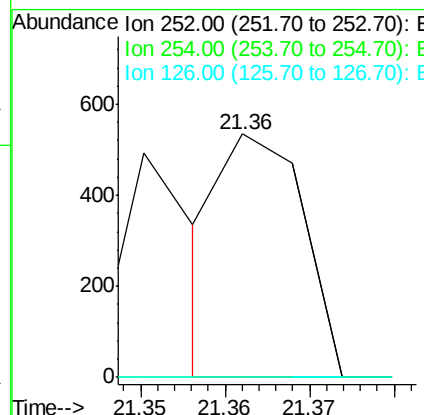
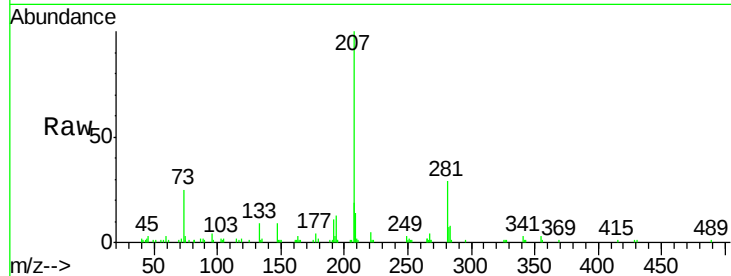




#79
 3,3'-Dichlorobenzidine
 Concen: 0.02 ng/ul
 RT: 21.36 min Scan# 3192
 Delta R.T. -0.02 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

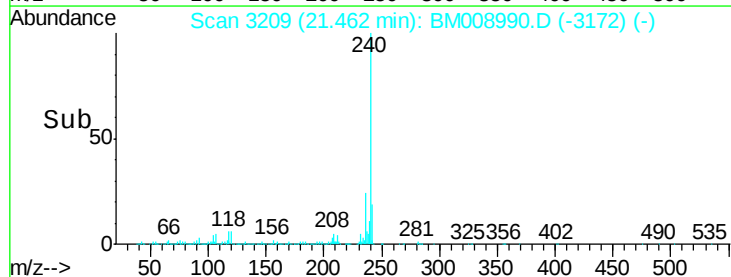
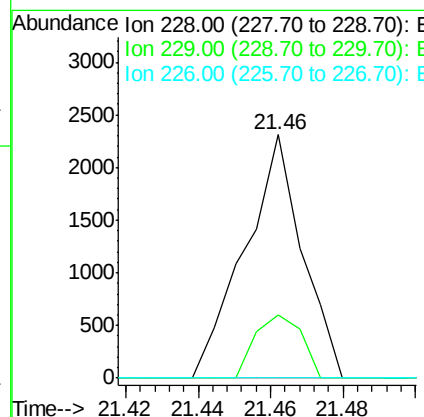
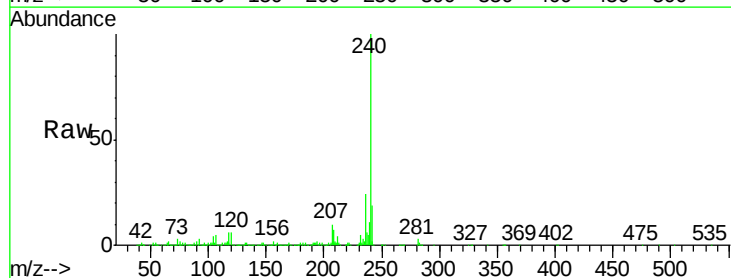
Instrument :
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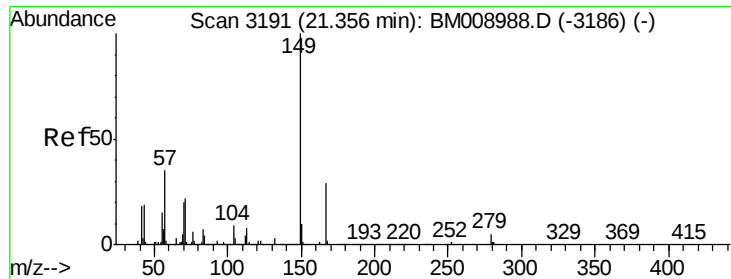
Tgt Ion: 252 Resp: 355
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 8.2 12.4#



#80
 Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.46 min Scan# 3209
 Delta R.T. 0.02 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

Tgt Ion: 228 Resp: 2548
 Ion Ratio Lower Upper
 228 100
 229 25.7 15.4 23.2#
 226 0.0 21.2 31.8#

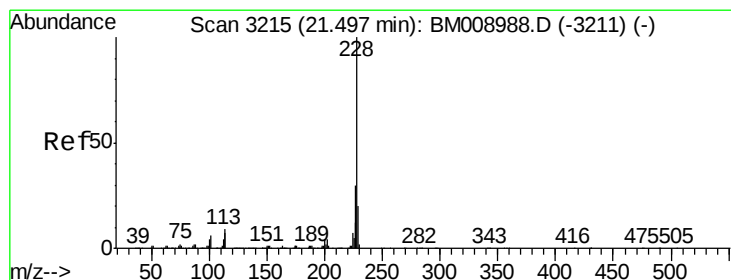
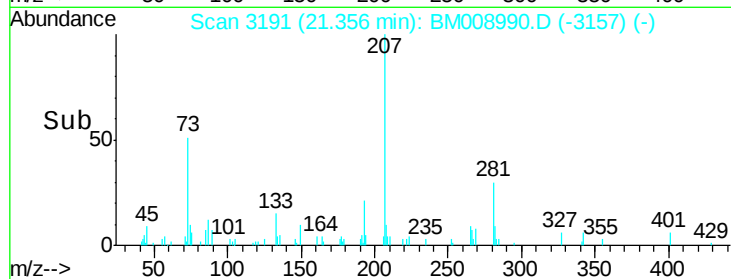
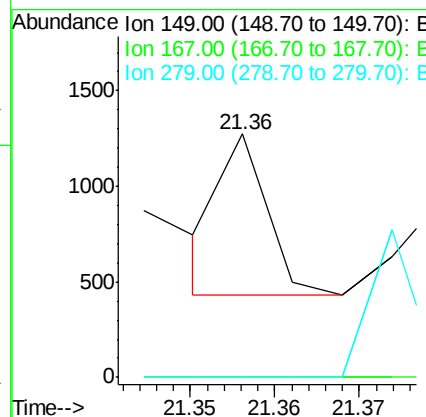
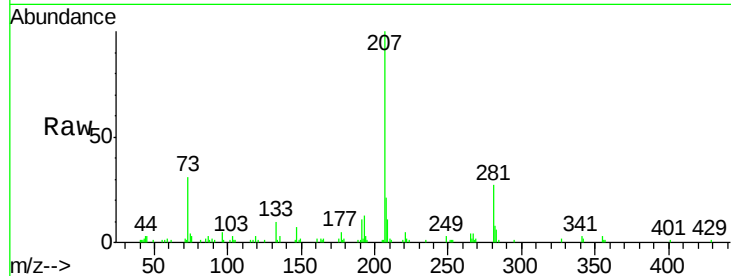




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 0.01 ng/ul
 RT: 21.36 min Scan# 3191
 Delta R.T. -0.00 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

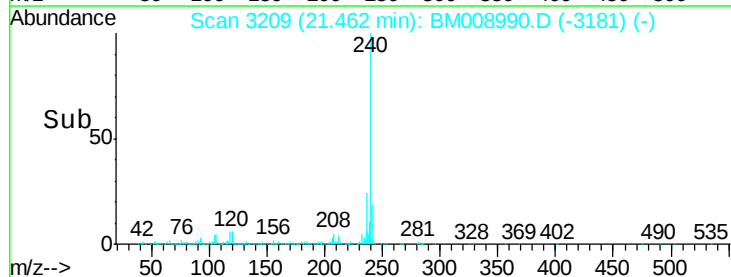
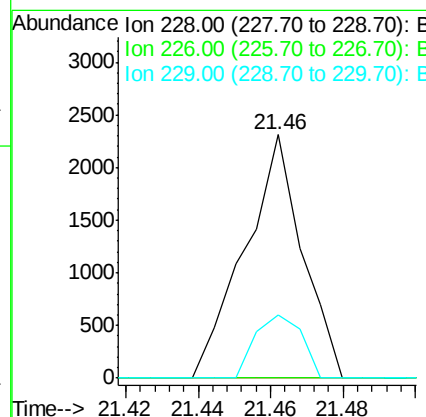
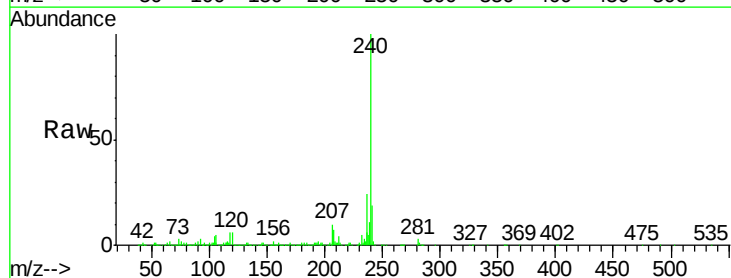
Instrument :
 BNA_M
 ClientSampleId :
 SVOC-GPC-BLANK

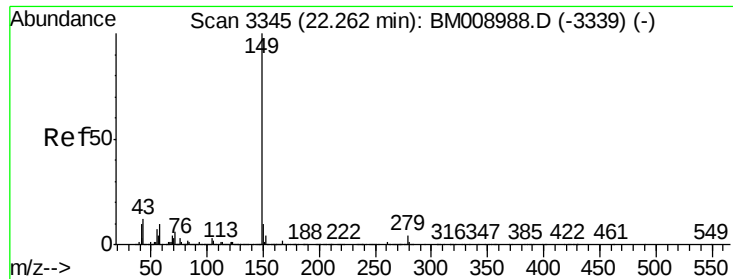
Tgt Ion:149 Resp: 321
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.2 30.2#
 279 0.0 4.0 6.0#



#82
 Chrysene
 Concen: 0.06 ng/ul
 RT: 21.46 min Scan# 3209
 Delta R.T. -0.04 min
 Lab File: BM008990.D
 Acq: 13 Feb 2017 19:24

Tgt Ion:228 Resp: 2548
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.9 35.9#
 229 25.7 15.4 23.2#





#84

Di-n-octyl phthalate

Concen: 0.01 ng/ul

RT: 22.26 min Scan# 3345

Delta R.T. 0.00 min

Lab File: BM008990.D

Acq: 13 Feb 2017 19:24

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

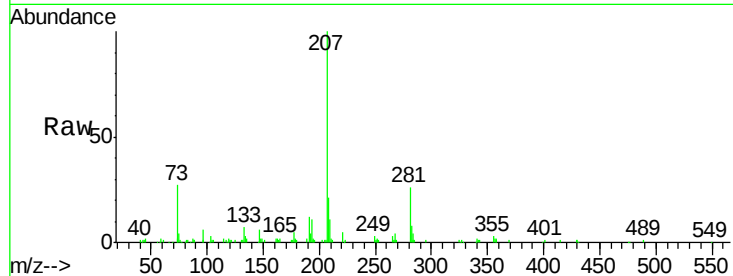
Tgt Ion:149 Resp: 622

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

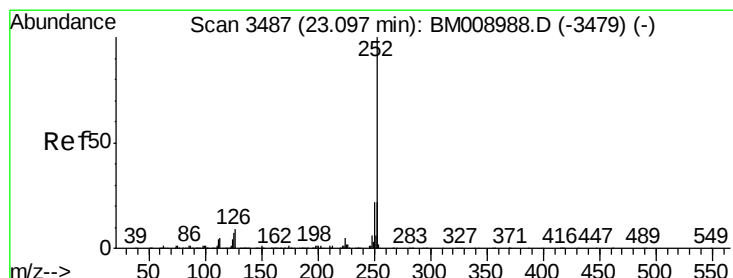
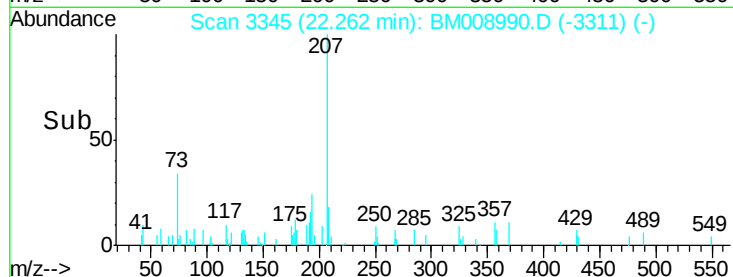
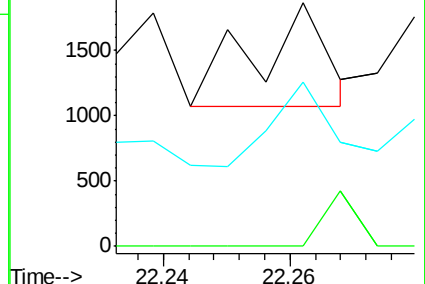
43 67.6 13.7 20.5#



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): E



#85

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 23.10 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM008990.D

Acq: 13 Feb 2017 19:24

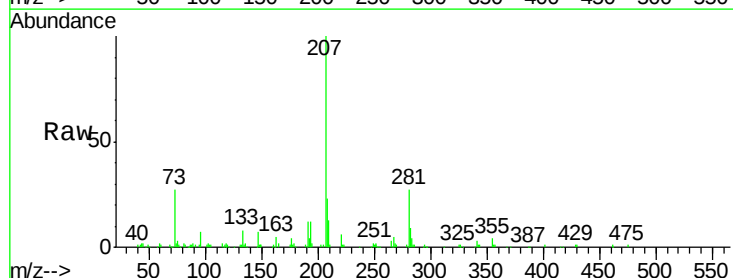
Tgt Ion:252 Resp: 544

Ion Ratio Lower Upper

252 100

253 83.3 17.0 25.4#

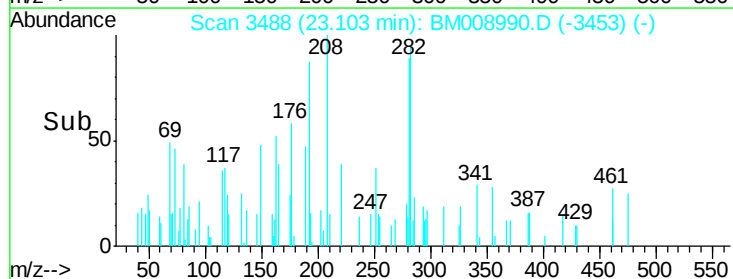
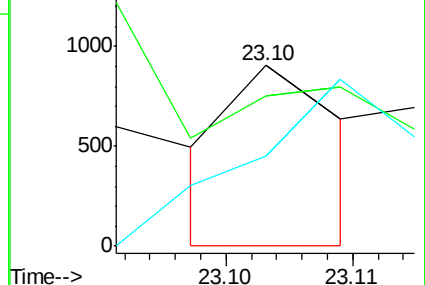
125 50.1 3.7 5.5#

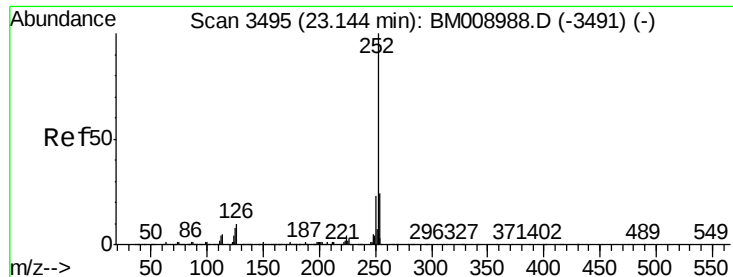


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

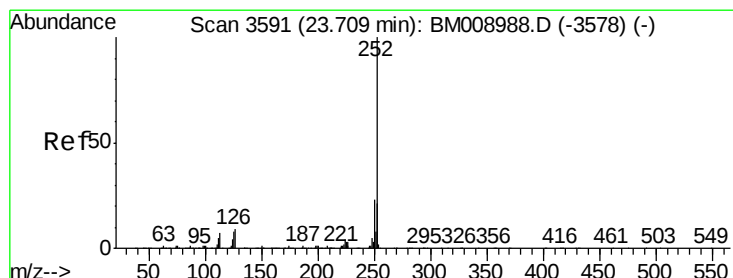
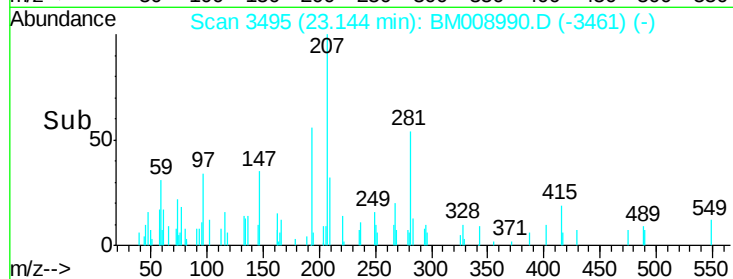
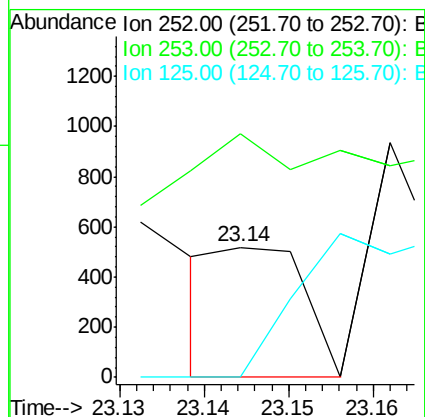
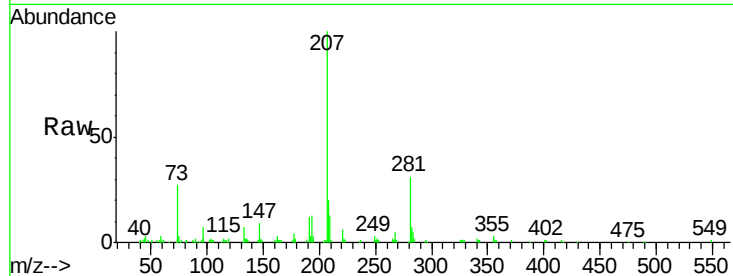




#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.14 min Scan# 3495
Delta R.T. 0.00 min
Lab File: BM008990.D
Acq: 13 Feb 2017 19:24

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC-BLANK

Tgt Ion:252 Resp: 360
Ion Ratio Lower Upper
252 100
253 187.1 17.4 26.0#
125 0.0 3.8 5.8#



#88
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 23.71 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BM008990.D
Acq: 13 Feb 2017 19:24

Tgt Ion:252 Resp: 454
Ion Ratio Lower Upper
252 100
253 115.8 17.4 26.0#
125 51.2 3.7 5.5#

