

Data File : BM016742.D
Acq On : 12 Sep 2018 02:57
Operator : SJ/JU
Sample : J4832-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC2-BLANK

Quant Time: Sep 12 04:42:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 12 04:42:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	216084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	881716	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	480881	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1096880	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1255034	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1317750	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	10.53	131	209	0.01	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	15.37	176	2509	0.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.22	188	2418	0.05	ng/ul	0.00
79) Pyrene-d10	19.52	212	791	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1307230	19.02	ng/ul	0.14

Target Compounds

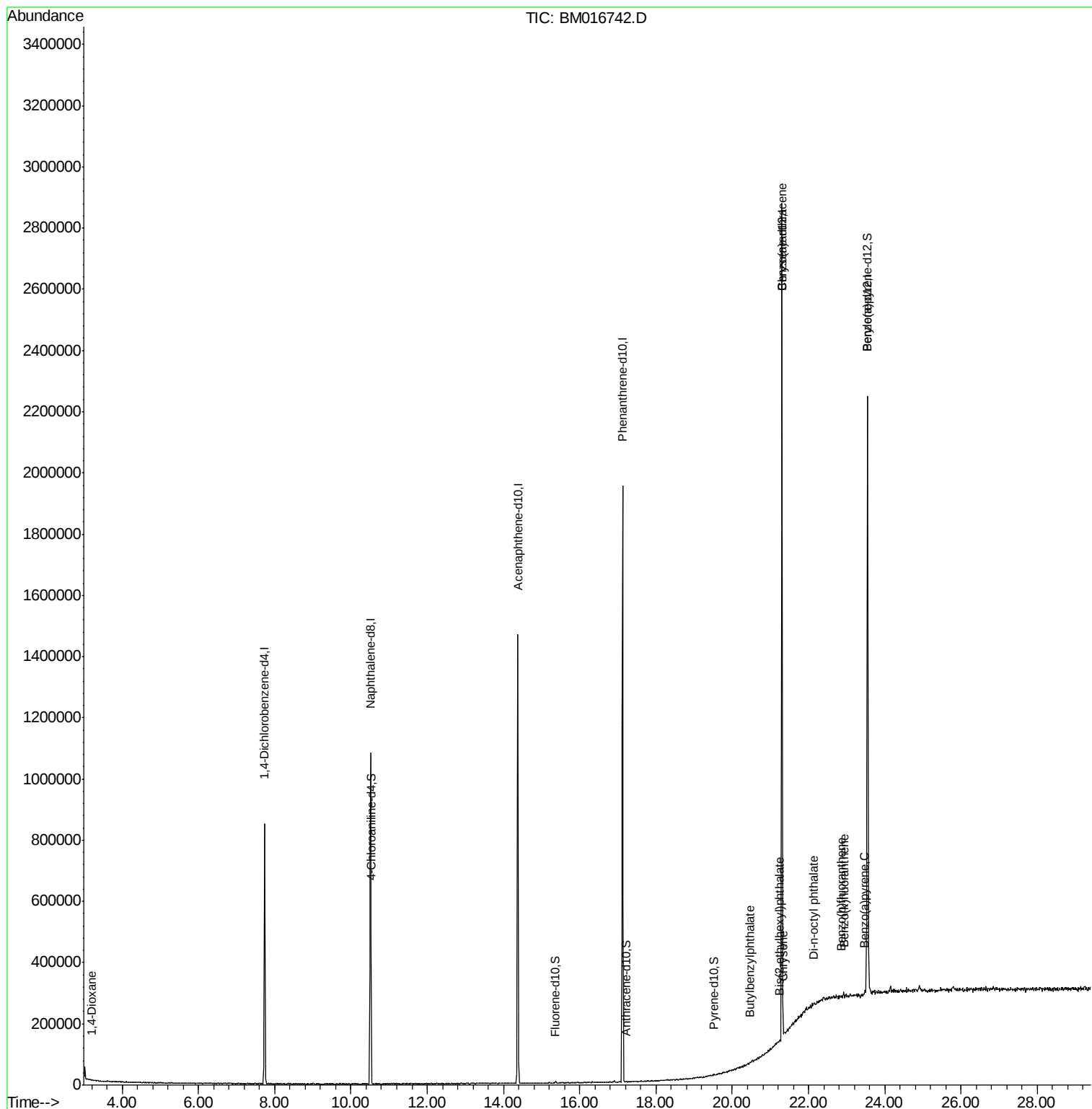
					Qvalue	
2) 1,4-Dioxane	3.20	88	348	0.066	ng/uL#	29
81) Butylbenzylphthalate	20.47	149	248	0.009	ng/ul#	26
83) Benzo(a)anthracene	21.30	228	3311	0.043	ng/ul#	70
84) Bis(2-ethylhexyl)phthalate	21.24	149	378	0.008	ng/ul#	52
85) Chrysene	21.34	228	262	0.004	ng/ul#	49
87) Di-n-octyl phthalate	22.12	149	338	0.004	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	641	0.008	ng/ul#	1
89) Benzo(k)fluoranthene	22.93	252	280	0.004	ng/ul#	1
91) Benzo(a)pyrene	23.45	252	383	0.005	ng/ul#	1

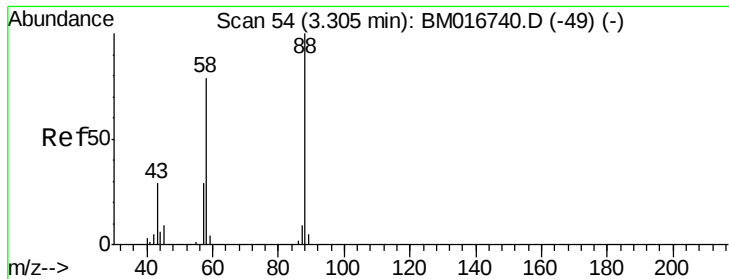
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.066 ng/uL

RT: 3.20 min Scan# 36

Delta R.T. -0.11 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

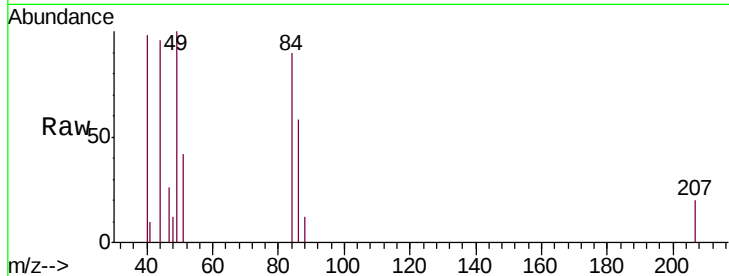
Tgt Ion: 88 Resp: 348

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 0.0 45.9 68.9#

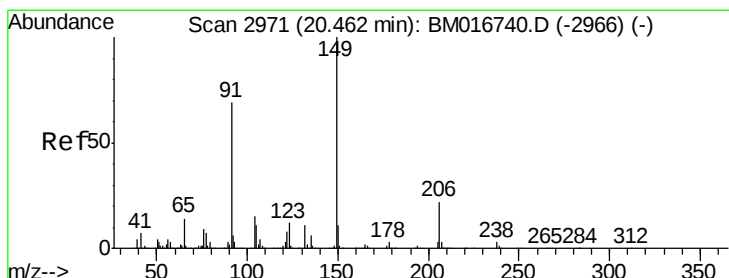
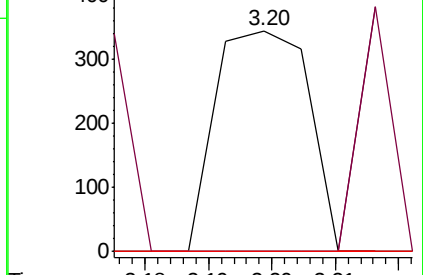
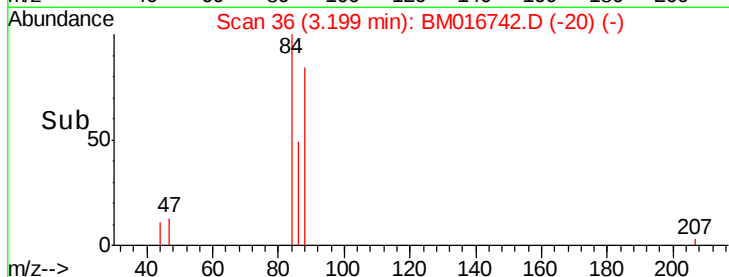


Abundance Ion 88.00 (87.70 to 88.70): BM016742.D (-49) (-)

Ion 43.00 (42.70 to 43.70): BM016742.D (-49) (-)

Ion 58.00 (57.70 to 58.70): BM016742.D (-49) (-)

Time-->



#81

Butylbenzylphthalate

Concen: 0.009 ng/uL

RT: 20.47 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

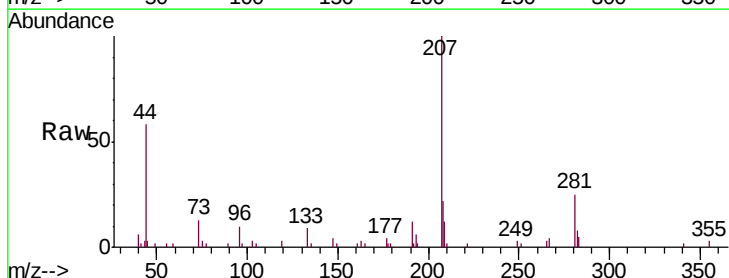
Tgt Ion: 149 Resp: 248

Ion Ratio Lower Upper

149 100

91 0.0 53.4 80.0#

206 0.0 19.3 28.9#

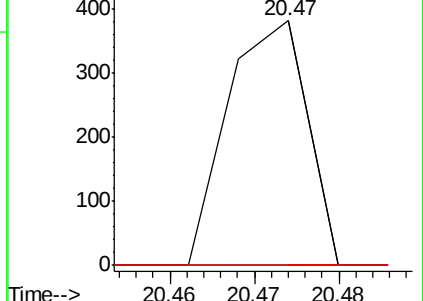
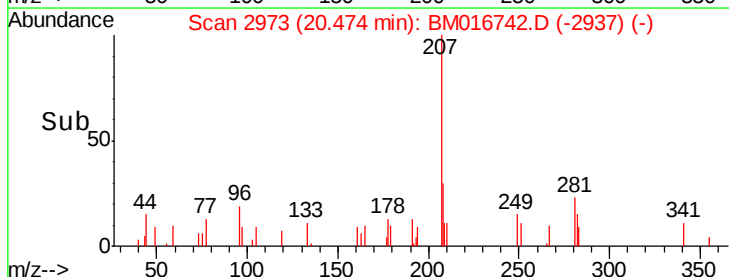


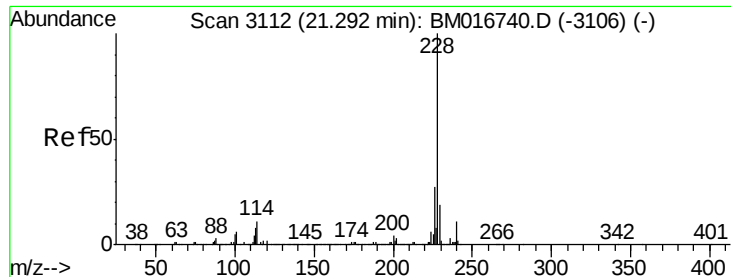
Abundance Ion 149.00 (148.70 to 149.70): BM016742.D (-2937) (-)

Ion 91.00 (90.70 to 91.70): BM016742.D (-2937) (-)

Ion 206.00 (205.70 to 206.70): BM016742.D (-2937) (-)

Time-->





#83

Benzo(a)anthracene

Concen: 0.043 ng/u1

RT: 21.30 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

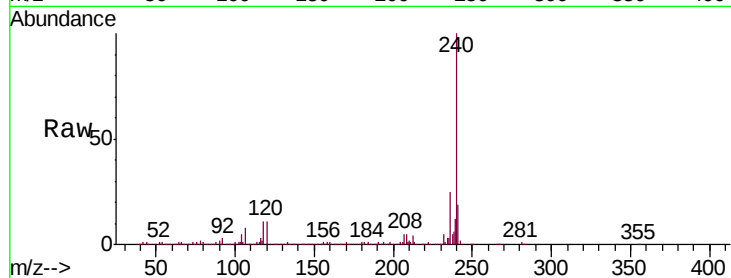
Tgt Ion:228 Resp: 3311

Ion Ratio Lower Upper

228 100

229 34.7 16.0 24.0#

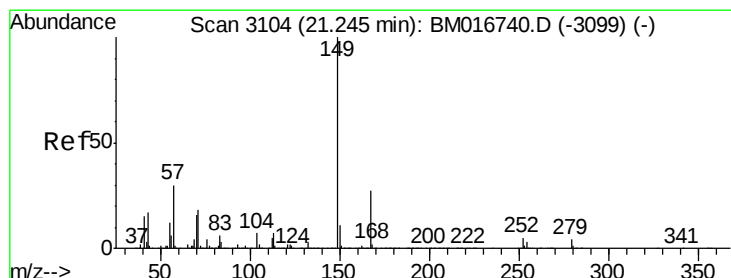
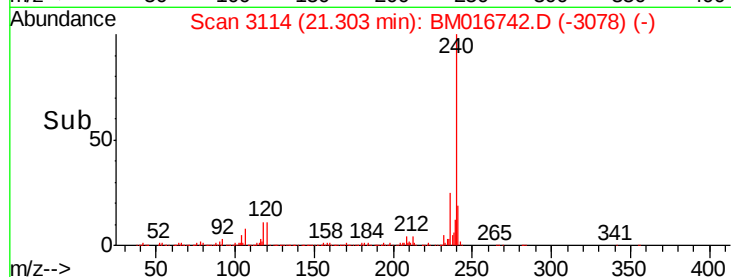
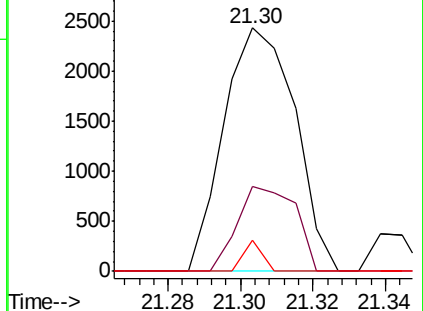
226 12.9 21.8 32.8#



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: 0.008 ng/u1

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

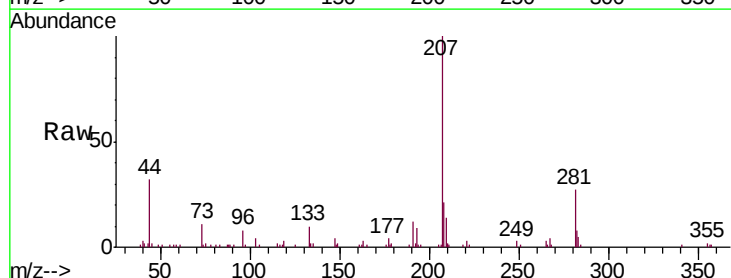
Tgt Ion:149 Resp: 378

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.6#

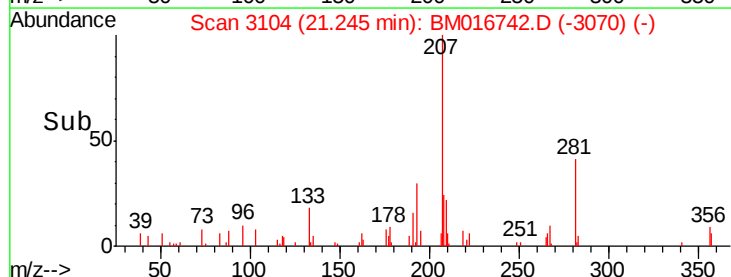
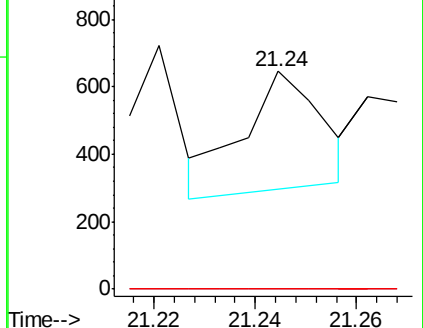
279 0.0 4.3 6.5#

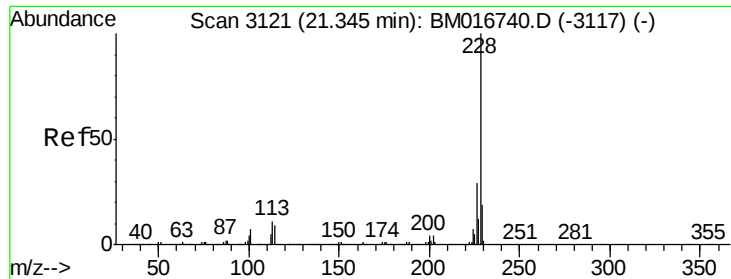


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 0.004 ng/ul

RT: 21.34 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK

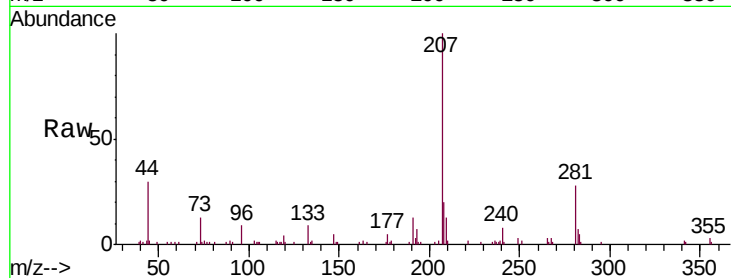
Tgt Ion:228 Resp: 262

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

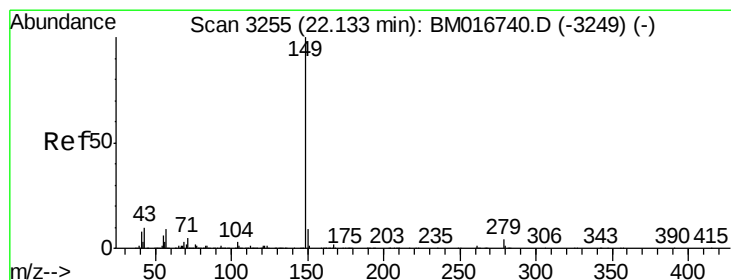
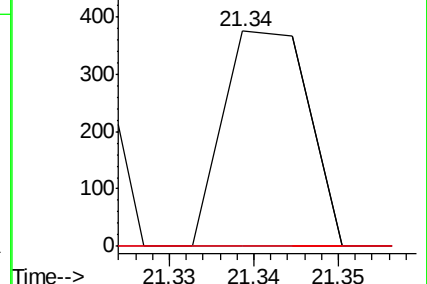
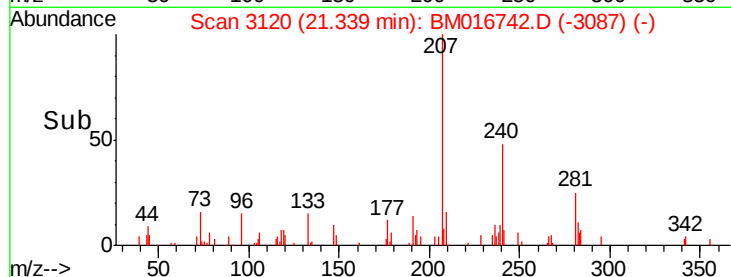
229 0.0 16.0 24.0#



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: 0.004 ng/ul

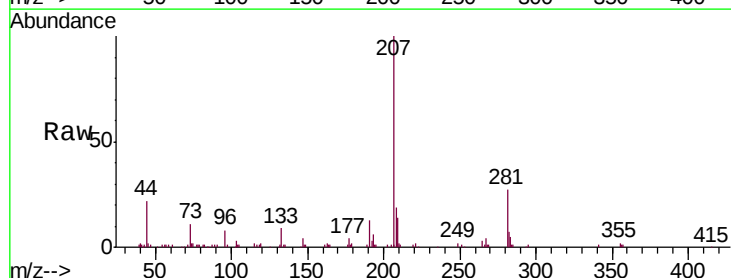
RT: 22.12 min Scan# 3252

Delta R.T. -0.02 min

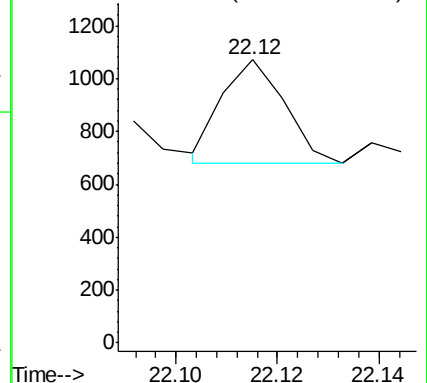
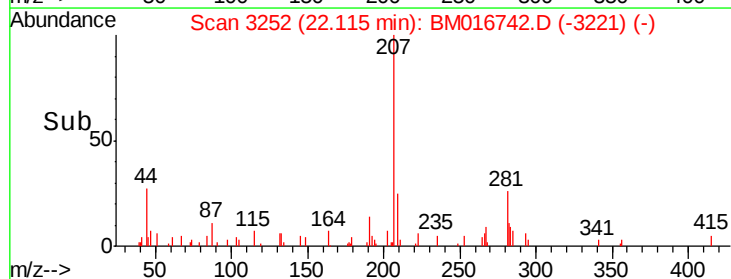
Lab File: BM016742.D

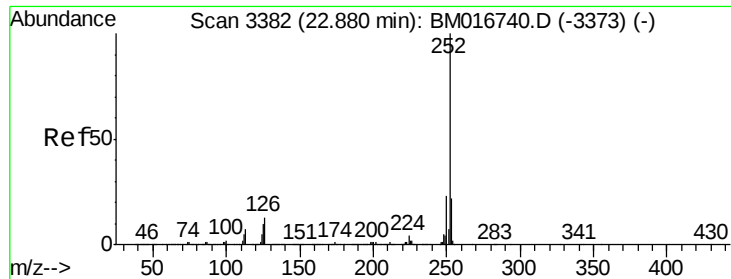
Acq: 12 Sep 2018 02:57

Tgt Ion:149 Resp: 338



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 0.008 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

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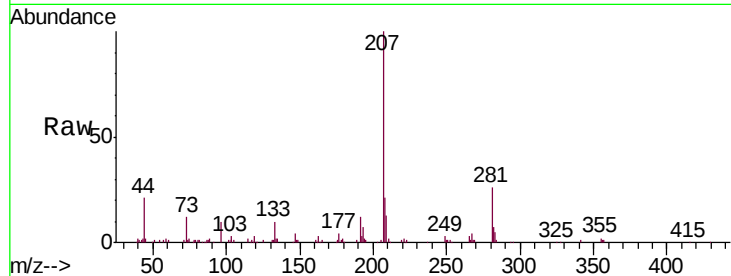
Tgt Ion:252 Resp: 641

Ion Ratio Lower Upper

252 100

253 92.7 17.4 26.0#

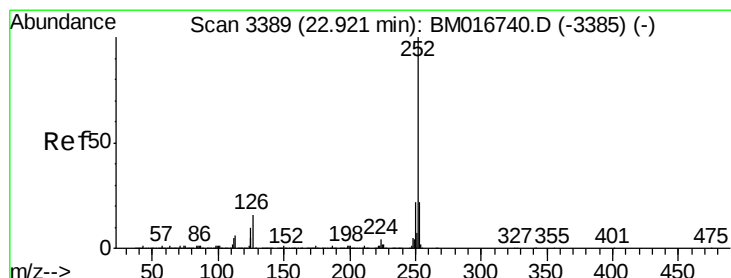
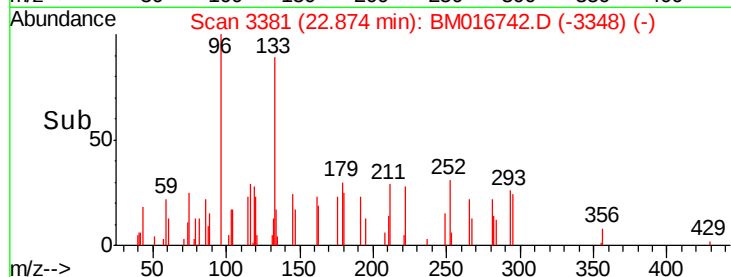
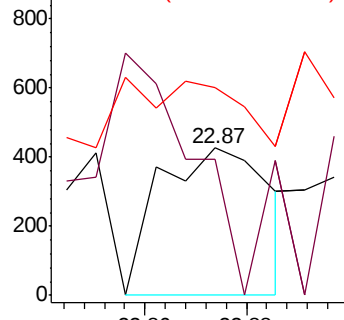
125 141.2 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 0.004 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM016742.D

Acq: 12 Sep 2018 02:57

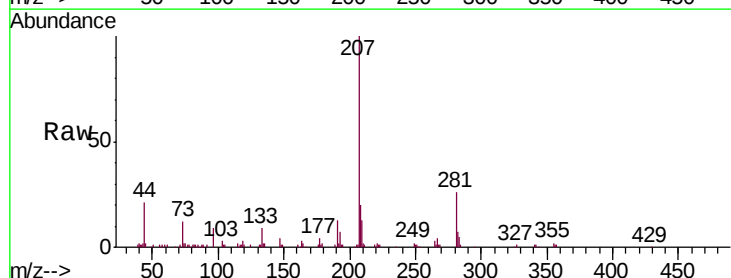
Tgt Ion:252 Resp: 280

Ion Ratio Lower Upper

252 100

253 94.1 17.1 25.7#

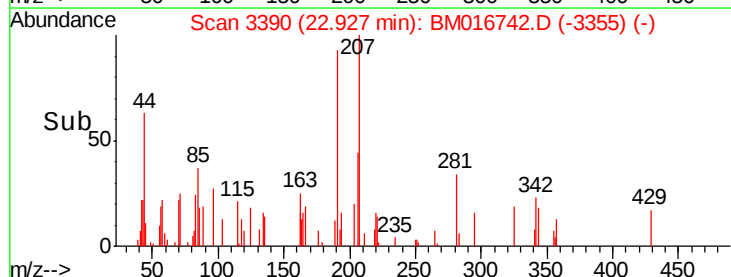
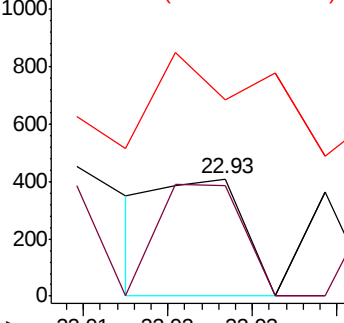
125 168.1 5.4 8.0#

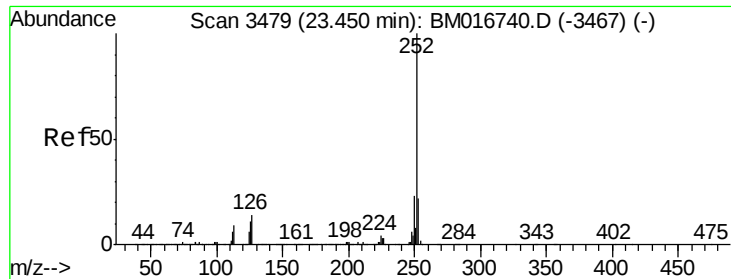


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.45 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM016742.D

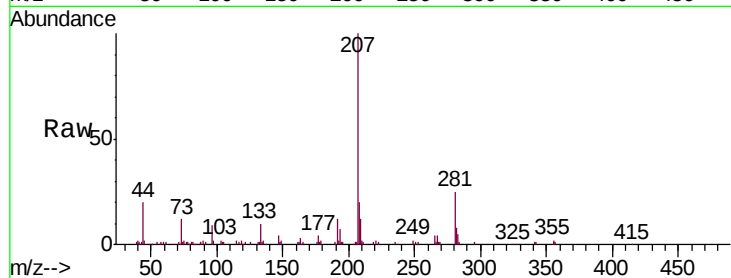
Acq: 12 Sep 2018 02:57

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC2-BLANK



Tgt Ion:	252	Resp:	383
Ion	Ratio	Lower	Upper
252	100		
253	120.7	17.2	25.8#
125	159.5	5.8	8.6#

