

Data File : BM016741.D
Acq On : 12 Sep 2018 02:21
Operator : SJ/JU
Sample : J4832-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SVOC-GPC-BLANK

Quant Time: Sep 12 04:42:22 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	225989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	923426	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	500654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1150682	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1286458	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1328202	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	10.52	131	1165	0.07	ng/ul	-0.14
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	2412	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	2995	0.05	ng/ul	0.00
79) Pyrene-d10	19.52	212	934	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1320559	19.06	ng/ul	0.14

Target Compounds

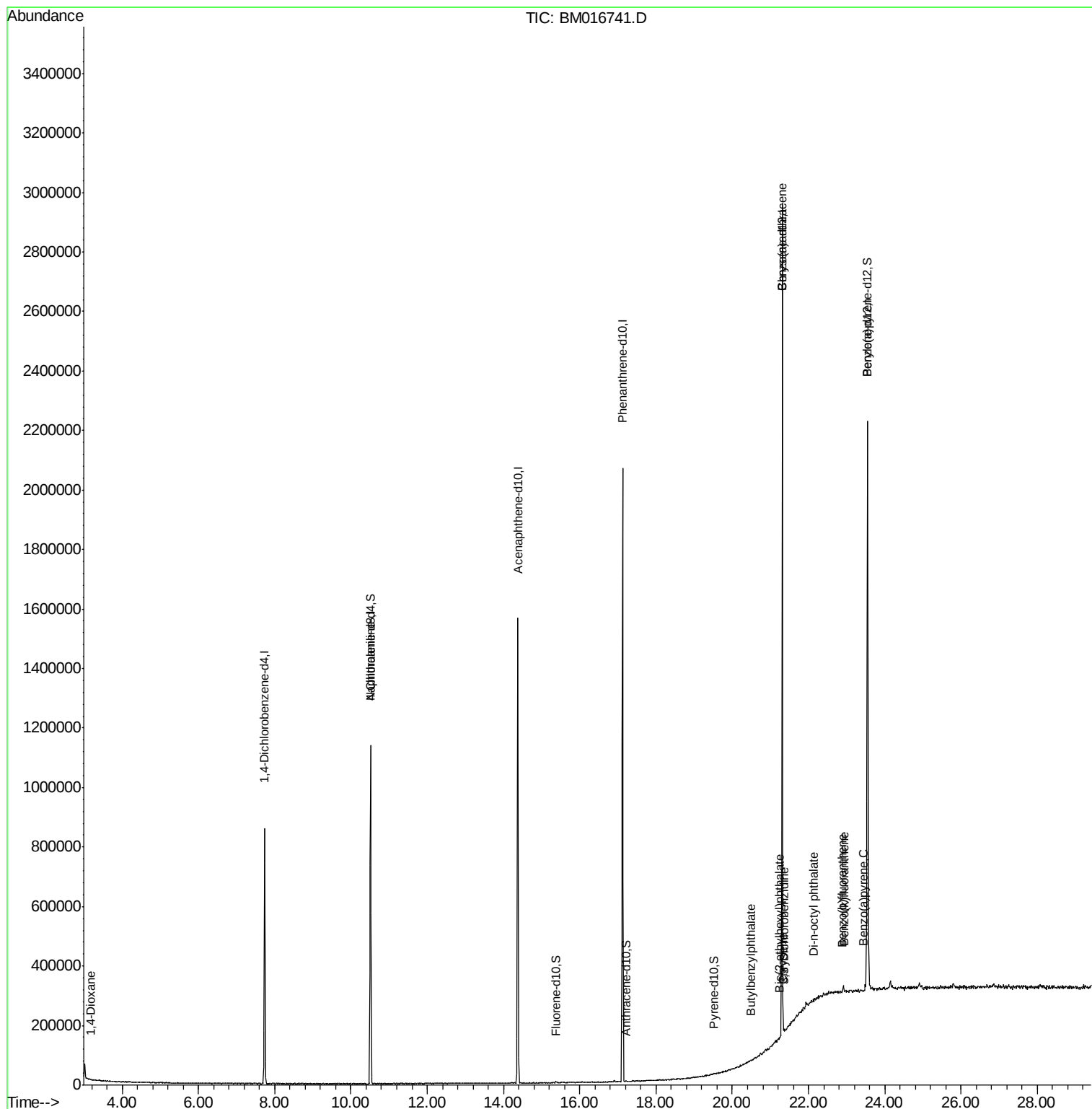
					Qvalue	
2) 1,4-Dioxane	3.17	88	390	0.071	ng/uL#	29
81) Butylbenzylphthalate	20.49	149	241	0.008	ng/ul#	59
82) 3,3'-Dichlorobenzidine	21.35	252	115	0.005	ng/ul#	24
83) Benzo(a)anthracene	21.30	228	3524	0.044	ng/ul#	60
84) Bis(2-ethylhexyl)phthalate	21.25	149	208	0.005	ng/ul#	52
85) Chrysene	21.34	228	627	0.008	ng/ul#	49
87) Di-n-octyl phthalate	22.13	149	418	0.005	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	754	0.009	ng/ul#	1
89) Benzo(k)fluoranthene	22.93	252	1026	0.013	ng/ul#	1
91) Benzo(a)pyrene	23.45	252	309	0.004	ng/ul#	1

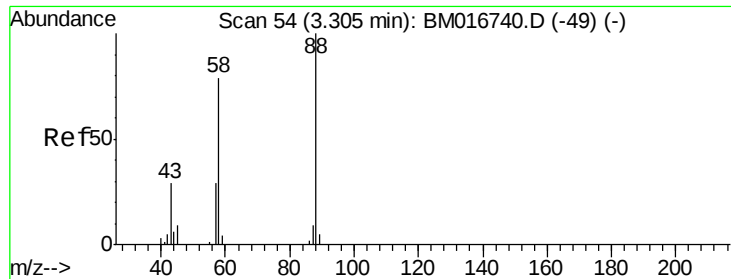
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.071 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. -0.14 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

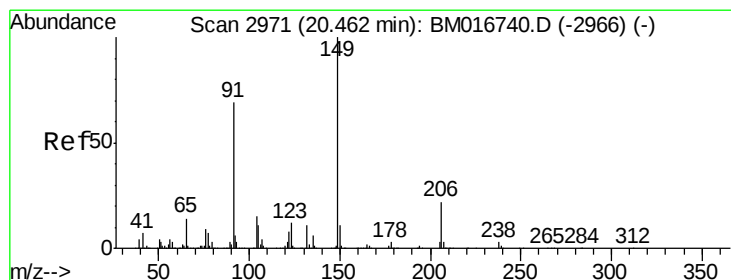
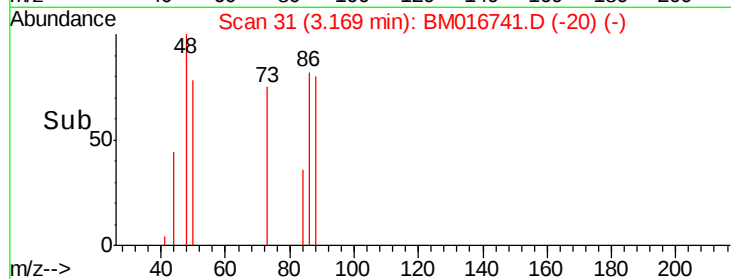
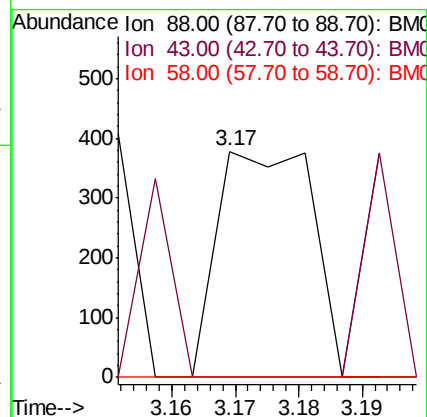
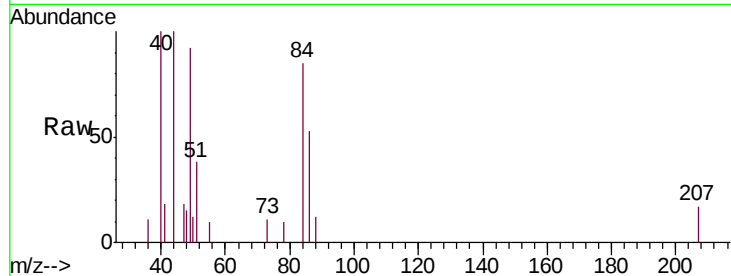
Tgt Ion: 88 Resp: 390

Ion Ratio Lower Upper

88 100

43 0.0 29.0 43.4#

58 0.0 45.9 68.9#



#81

Butylbenzylphthalate

Concen: 0.008 ng/uL

RT: 20.49 min Scan# 2975

Delta R.T. 0.02 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

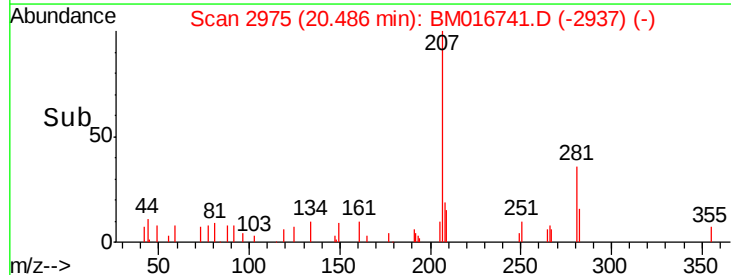
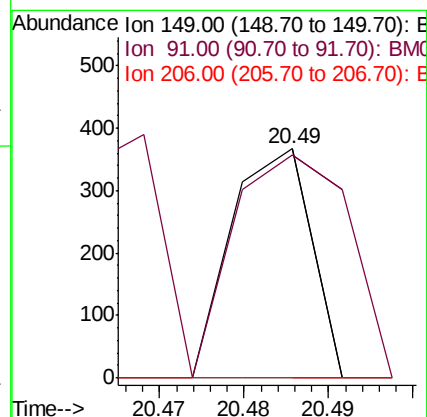
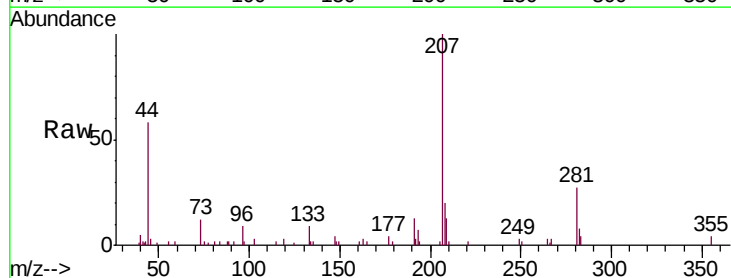
Tgt Ion: 149 Resp: 241

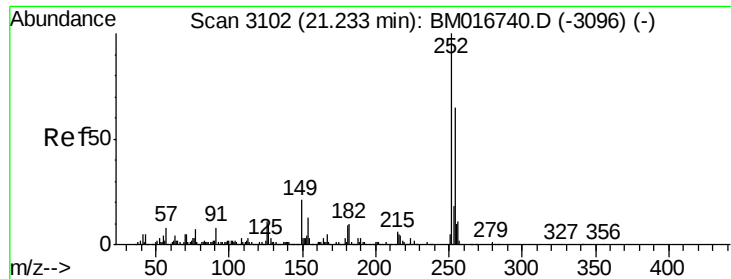
Ion Ratio Lower Upper

149 100

91 97.3 53.4 80.0#

206 0.0 19.3 28.9#





#82

3,3'-Dichlorobenzidine

Concen: 0.005 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. 0.12 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

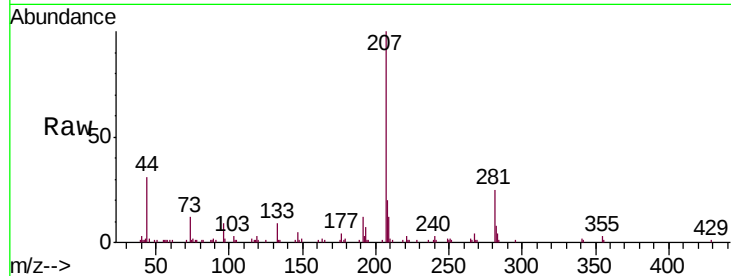
Tgt Ion:252 Resp: 115

Ion Ratio Lower Upper

252 100

254 0.0 52.8 79.2#

126 0.0 6.9 10.3#

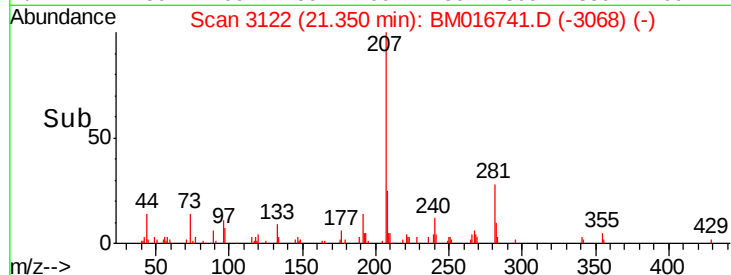


Abundance Ion 252.00 (251.70 to 252.70): E

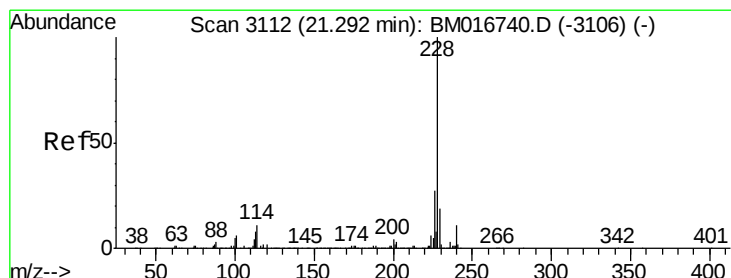
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



Time-->



#83

Benzo(a)anthracene

Concen: 0.044 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

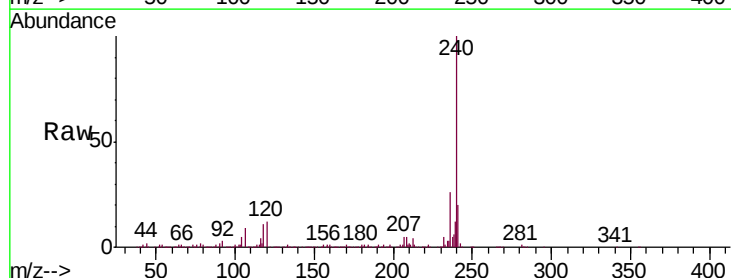
Tgt Ion:228 Resp: 3524

Ion Ratio Lower Upper

228 100

229 31.1 16.0 24.0#

226 0.0 21.8 32.8#

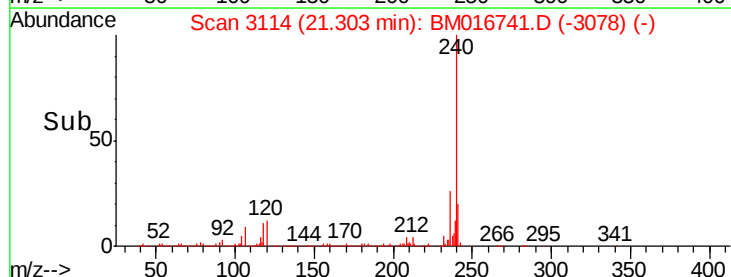


Abundance Ion 228.00 (227.70 to 228.70): E

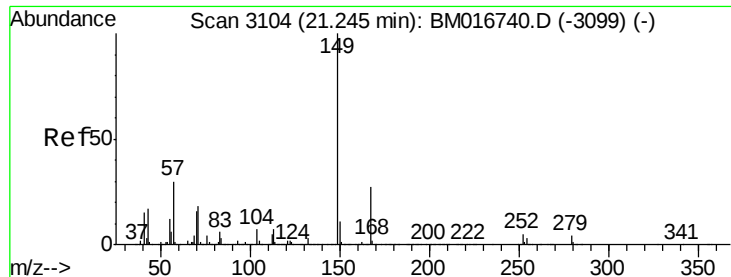
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.005 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

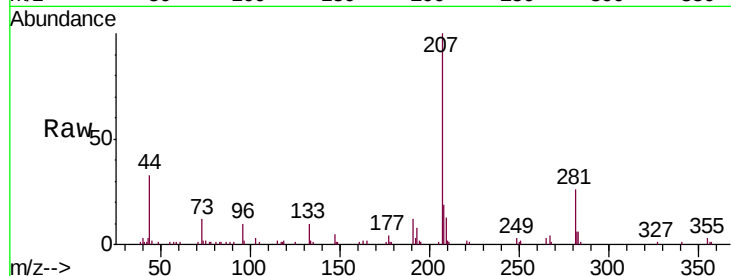
Tgt Ion:149 Resp: 208

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.6#

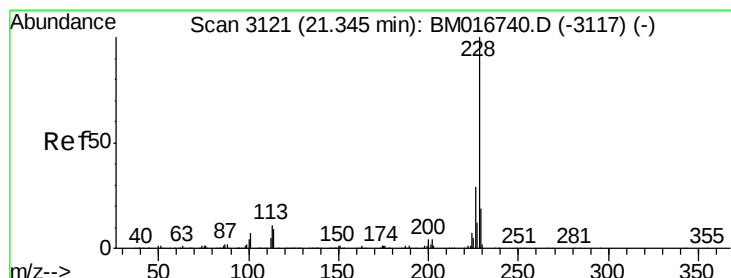
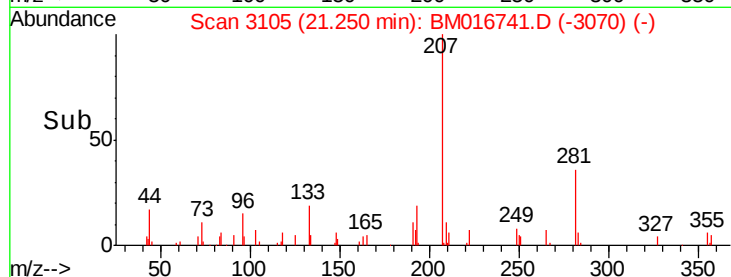
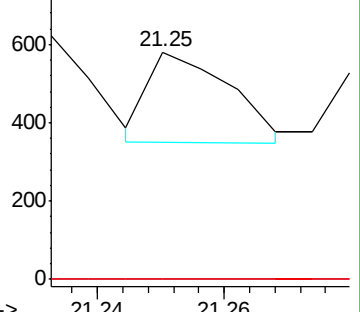
279 0.0 4.3 6.5#



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: 0.008 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.00 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

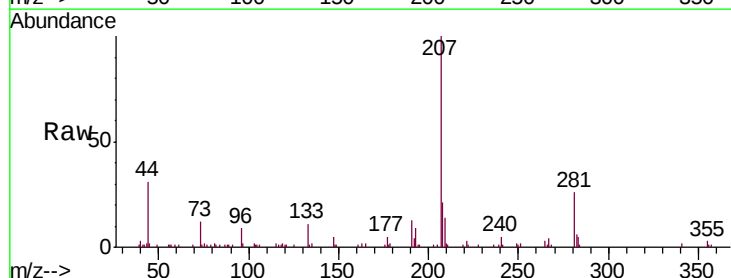
Tgt Ion:228 Resp: 627

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

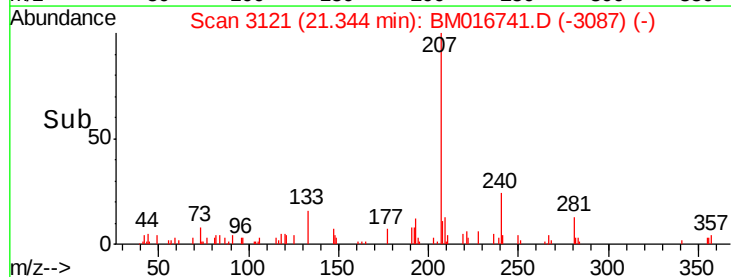
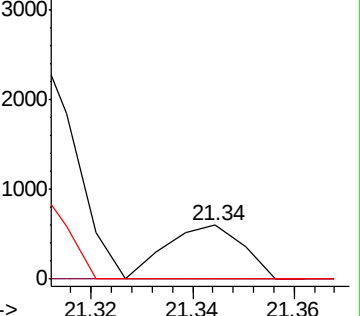
229 0.0 16.0 24.0#

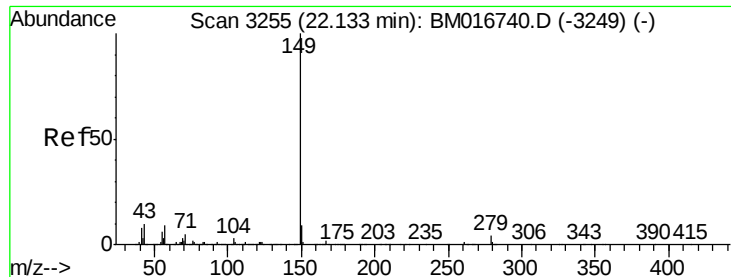


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

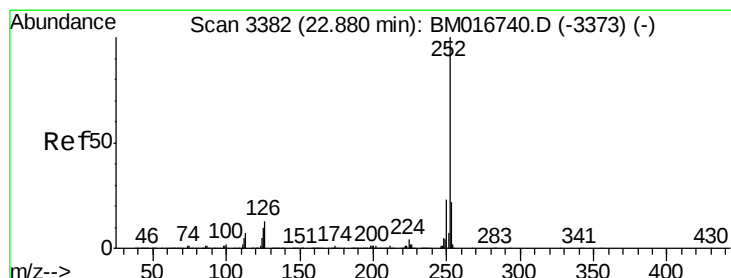
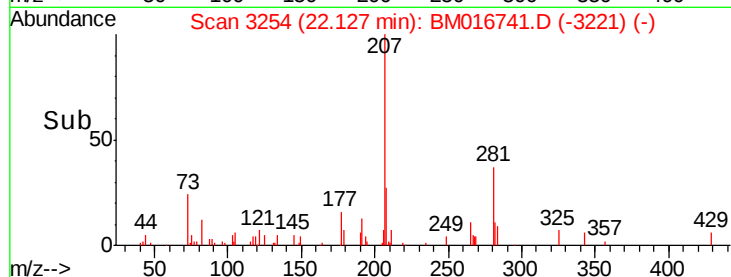
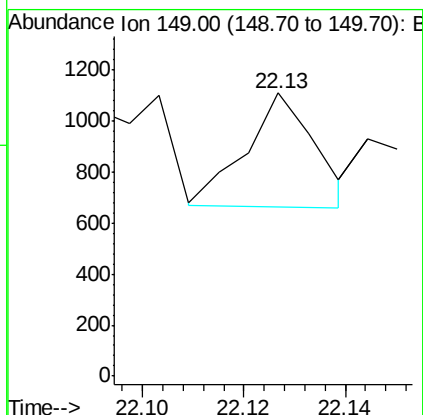
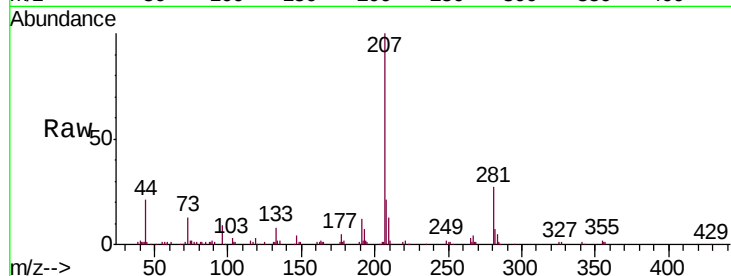




#87
Di-n-octyl phthalate
Concen: 0.005 ng/ul
RT: 22.13 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BM016741.D
Acq: 12 Sep 2018 02:21

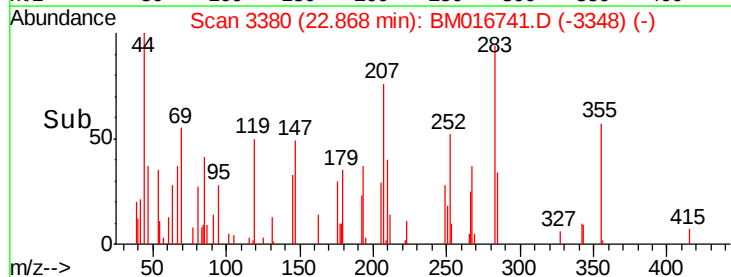
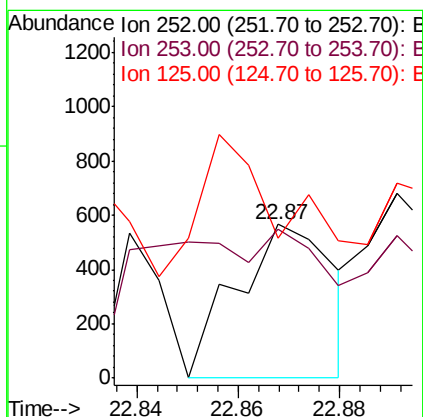
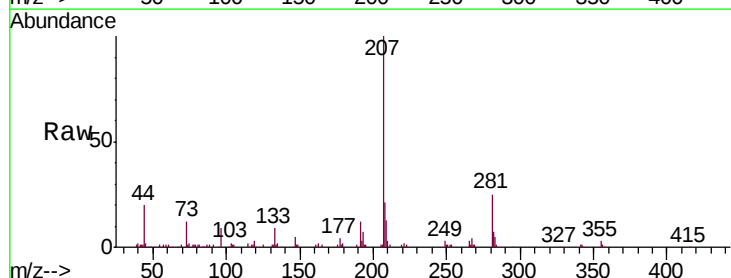
Instrument :
BNA_M
ClientSampleId :
SVOC-GPC-BLANK

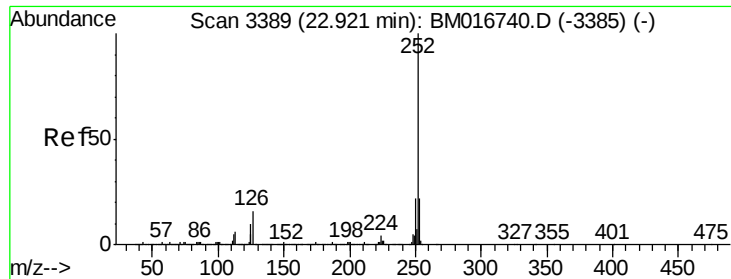
Tgt Ion:149 Resp: 418



#88
Benzo(b)fluoranthene
Concen: 0.009 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.01 min
Lab File: BM016741.D
Acq: 12 Sep 2018 02:21

Tgt Ion:252 Resp: 754
Ion Ratio Lower Upper
252 100
253 97.0 17.4 26.0#
125 90.8 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 0.013 ng/u1

RT: 22.93 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

Instrument :

BNA_M

ClientSampleId :

SVOC-GPC-BLANK

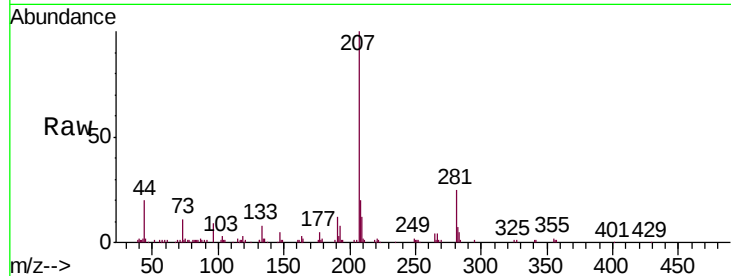
Tgt Ion:252 Resp: 1026

Ion Ratio Lower Upper

252 100

253 58.4 17.1 25.7#

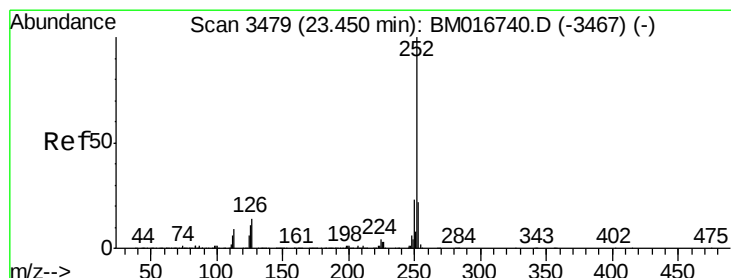
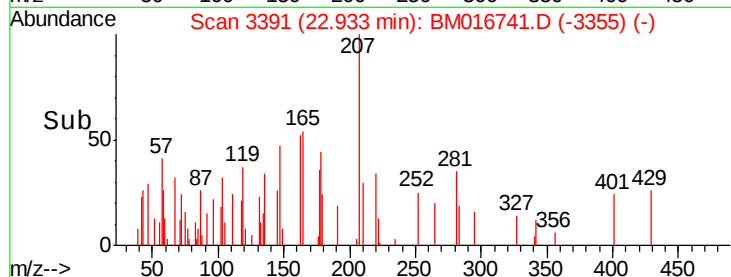
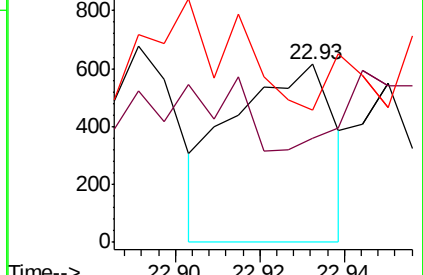
125 74.5 5.4 8.0#



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: 0.004 ng/u1

RT: 23.45 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM016741.D

Acq: 12 Sep 2018 02:21

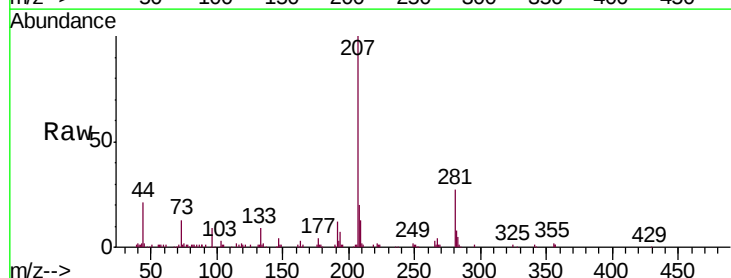
Tgt Ion:252 Resp: 309

Ion Ratio Lower Upper

252 100

253 90.9 17.2 25.8#

125 113.6 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

