

Data File : BM017454.D
Acq On : 01 Nov 2018 05:58
Operator : MJ/SJ
Sample : J5701-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A40F9

Quant Time: Nov 01 07:52:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 01 07:49:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	300780	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1360420	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.29	164	784959	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	4086148	20.00	ng/ul	-0.05
78) Chrysene-d12	21.24	240	2074317	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1996715	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	15444	2.36	ng/uL	0.00
5) Phenol-d5	6.82	99	383235	13.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	255404	15.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	332894	15.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	343403	15.81	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	182934	17.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	203625	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	334450	15.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	453945	25.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1267955	18.84	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1563664	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	138851	11.04	ng/ul	0.00
58) Fluorene-d10	15.29	176	1051401	17.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	160906	5.65	ng/ul	0.00
71) Anthracene-d10	17.17	188	1763616	8.72	ng/ul	0.03
79) Pyrene-d10	19.47	212	2026057	21.08	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.30	264	1821973	17.28	ng/ul	0.00

Target Compounds

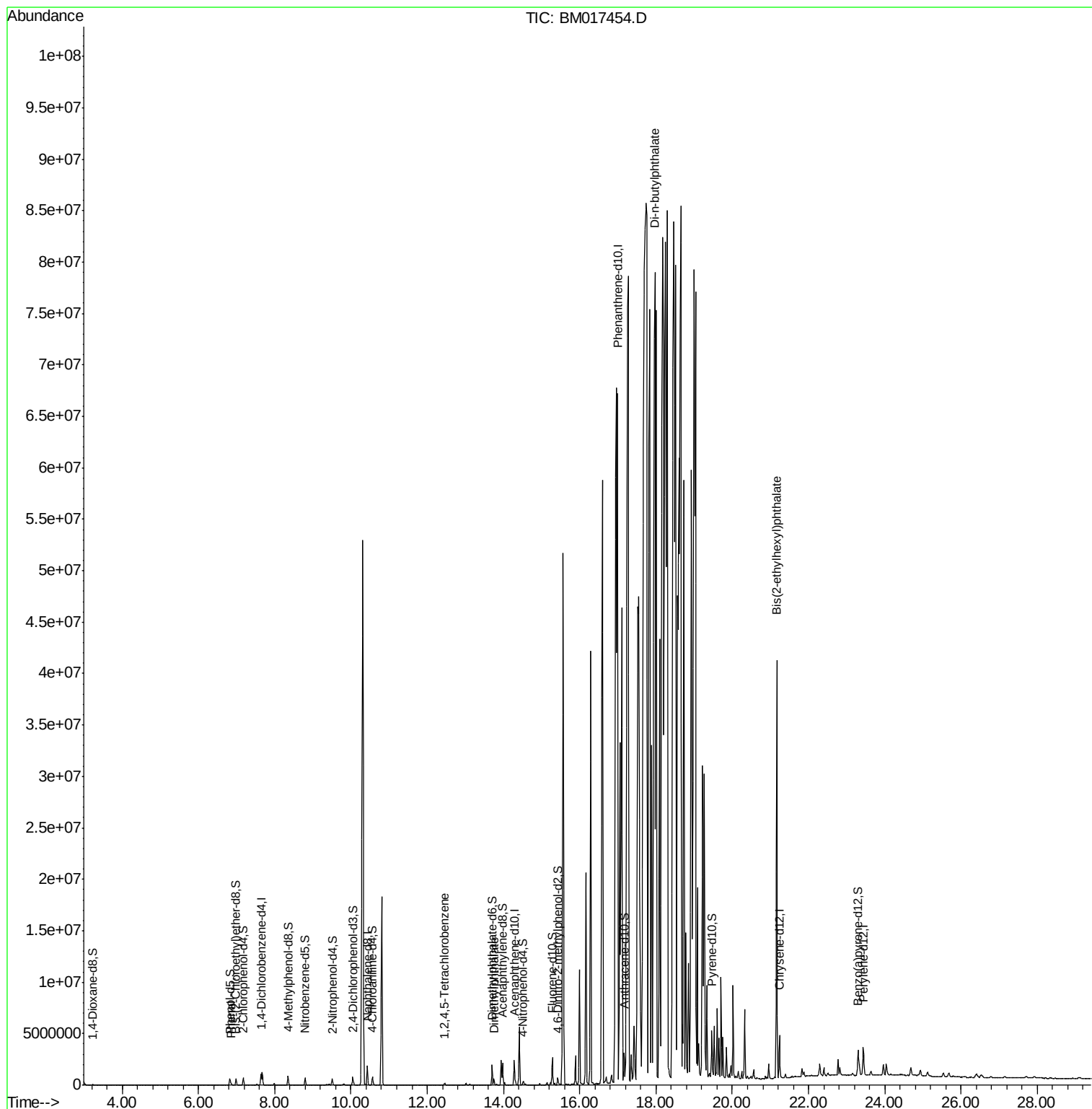
					Qvalue
6) Phenol	6.85	94	108778	3.987 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	68950	2.614 ng/ul#	95
45) Dimethylphthalate	13.75	163	406434	6.232 ng/ul	99
76) Di-n-butylphthalate	17.97	149	1851684	7.605 ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.16	149	12627370	179.697 ng/ul#	87

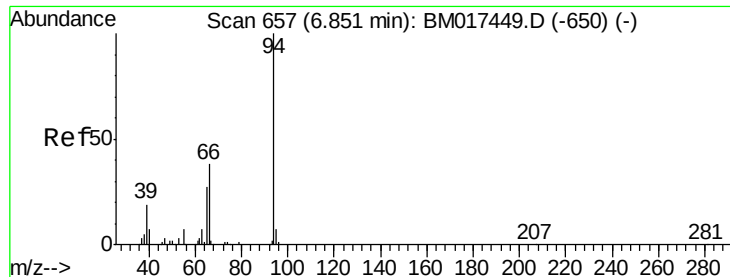
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.987 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

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Acq: 01 Nov 2018 05:58

Instrument :

BNA_M

ClientSampleId :

A40F9

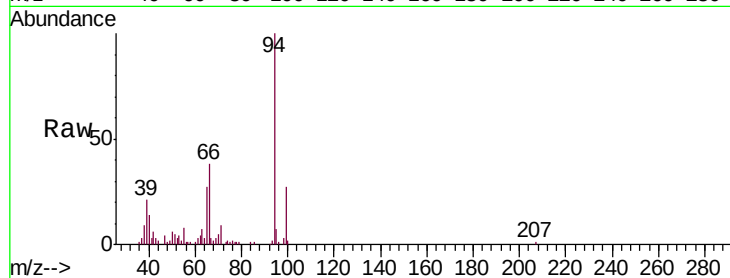
Tgt Ion: 94 Resp: 108778

Ion Ratio Lower Upper

94 100

65 27.4 24.0 36.0

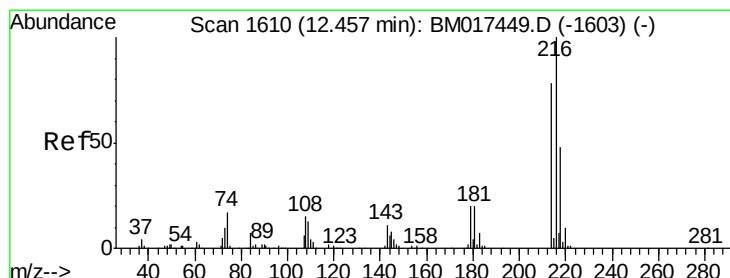
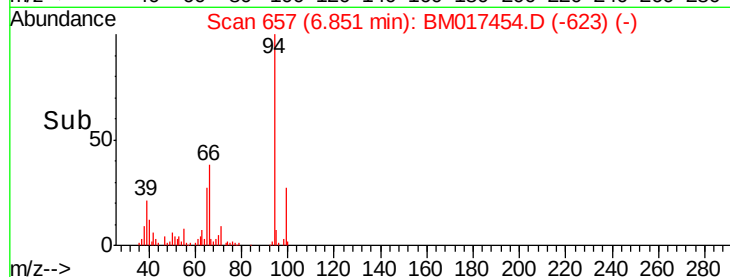
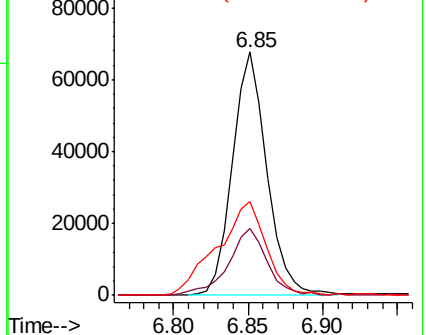
66 38.4 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017449.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM017449.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM017449.D (-650) (-)



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.614 ng/ul

RT: 12.46 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BM017454.D

Acq: 01 Nov 2018 05:58

Tgt Ion: 216 Resp: 68950

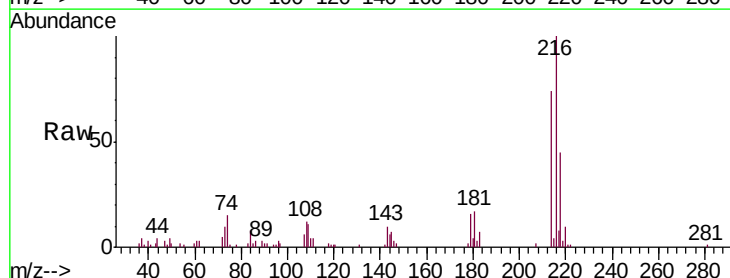
Ion Ratio Lower Upper

216 100

214 74.2 61.7 92.5

179 16.4 16.0 24.0

108 11.5 12.6 18.8#

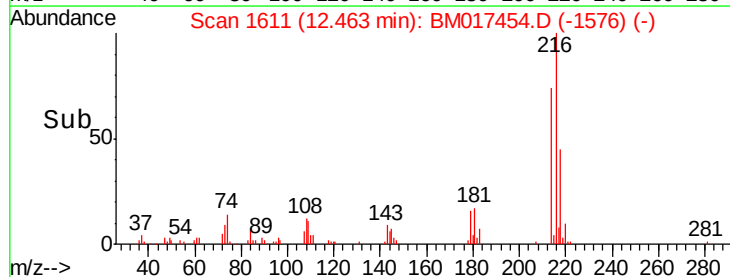
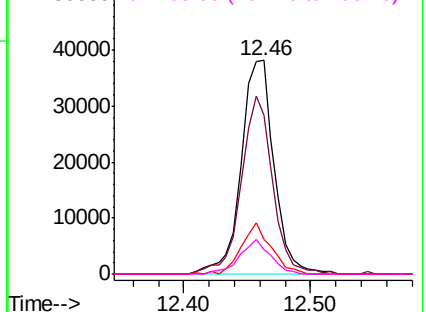


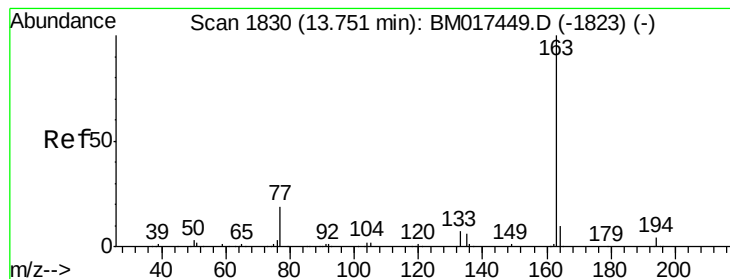
Abundance Ion 216.00 (215.70 to 216.70): BM017449.D (-1603) (-)

Ion 214.00 (213.70 to 214.70): BM017449.D (-1603) (-)

Ion 179.00 (178.70 to 179.70): BM017449.D (-1603) (-)

Ion 108.00 (107.70 to 108.70): BM017449.D (-1603) (-)





#45

Dimethylphthalate

Concen: 6.232 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

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Instrument :

BNA_M

ClientSampleId :

A40F9

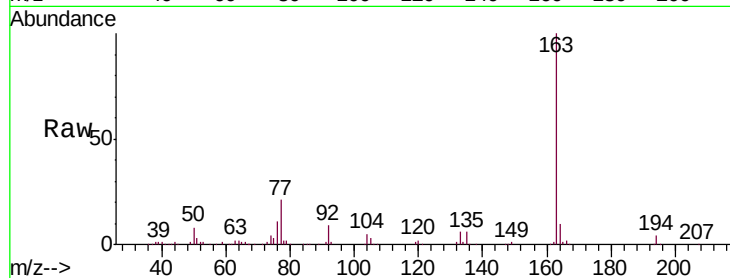
Tgt Ion:163 Resp: 406434

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

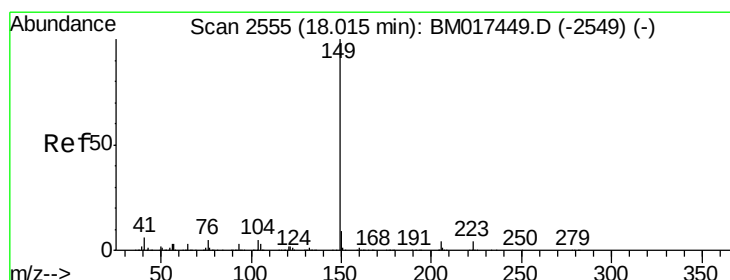
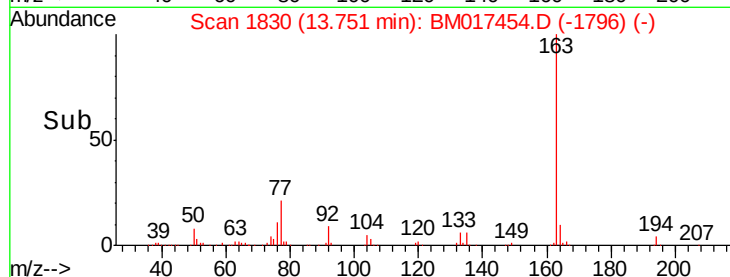
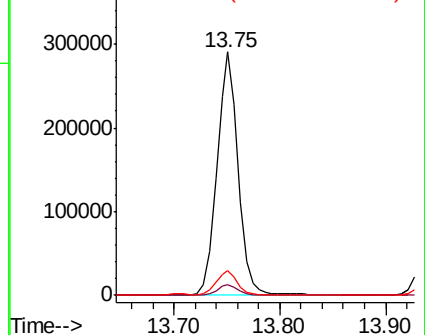
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#76

Di-n-butylphthalate

Concen: 7.605 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. -0.05 min

Lab File: BM017454.D

Acq: 01 Nov 2018 05:58

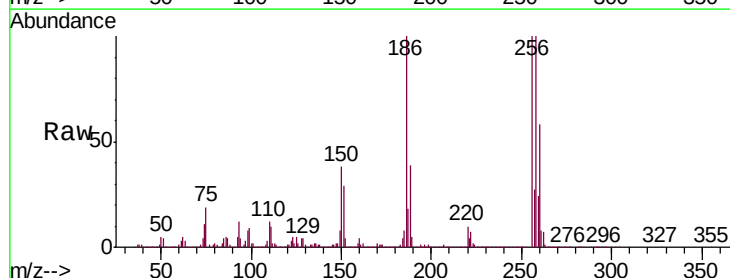
Tgt Ion:149 Resp: 1851684

Ion Ratio Lower Upper

149 100

150 491.6 7.0 10.6#

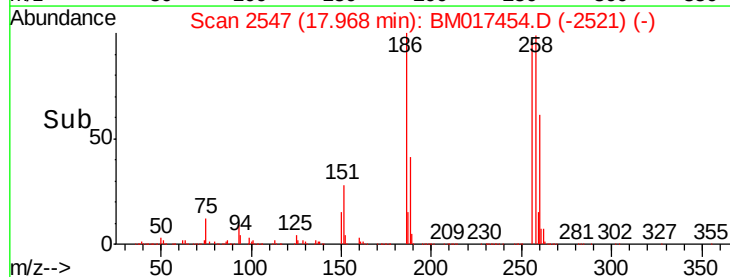
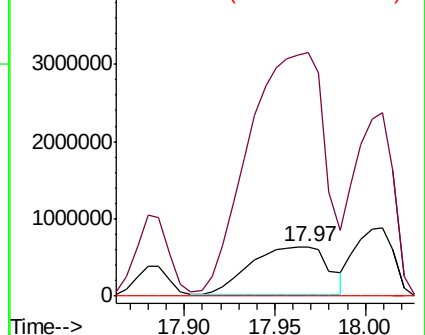
104 0.5 4.0 6.0#

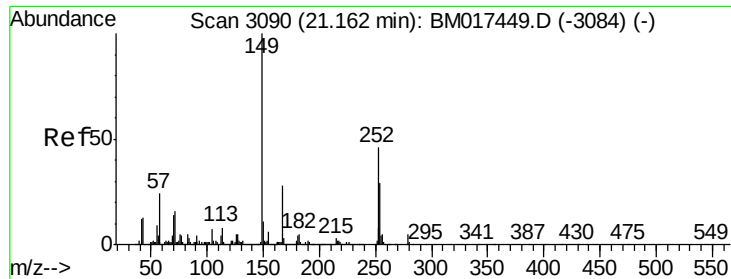


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 179.697 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM017454.D

Acq: 01 Nov 2018 05:58

Instrument :

BNA_M

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A40F9

Tgt Ion:149 Resp:12627370

Ion Ratio Lower Upper

149 100

167 36.4 23.0 34.6#

279 6.1 4.1 6.1

