

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016863.D
 Acq On : 22 Sep 2018 10:59
 Operator : SJ/JU
 Sample : J5013-01DL 10X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 24 01:43:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 24 01:42:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	222727	20.00	ng/ul	0.01
18) Naphthalene-d8	10.50	136	897298	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	469287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1057828	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1191434	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1269825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	901	0.17	ng/uL	0.01
5) Phenol-d5	6.89	99	10737	0.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	37058	3.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	33949	2.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	21681	1.49	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	21482	3.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	17531	3.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	34538	2.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	604	0.04	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	133211	3.54	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	144180	2.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	2237	0.36	ng/ul	0.00
58) Fluorene-d10	15.35	176	122176	3.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	8484	1.95	ng/ul	0.00
71) Anthracene-d10	17.20	188	174558	3.42	ng/ul	0.00
79) Pyrene-d10	19.50	212	194890	3.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	215066	3.25	ng/ul	0.00

Target Compounds

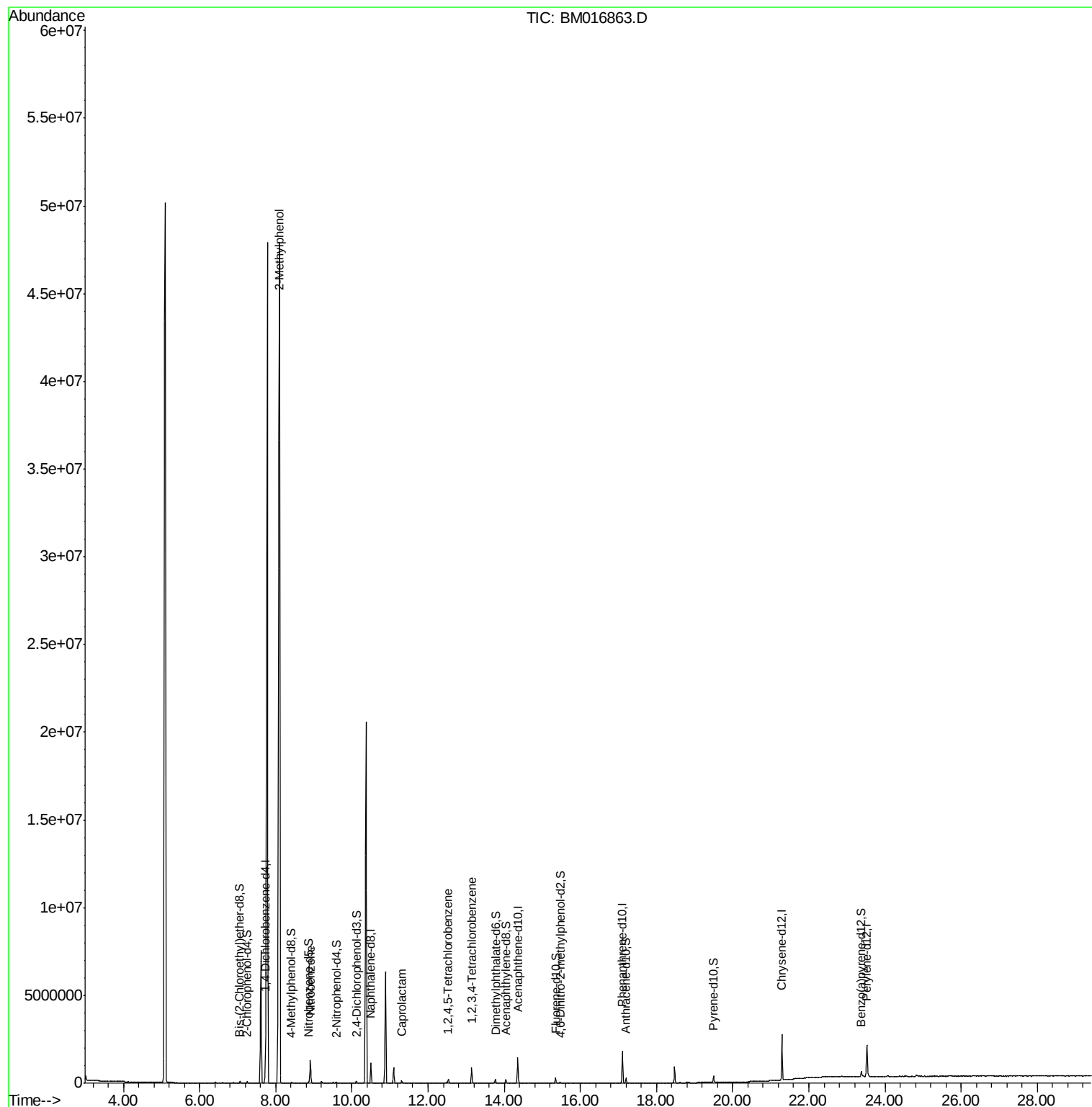
					Ovalue	
11) 2-Methylphenol	8.10	108	228005	16.223	ng/ul	95
20) Nitrobenzene	8.91	77	673388	45.152	ng/ul#	89
32) Caprolactam	11.31	113	11432	2.762	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	73815	4.580	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	275907	15.759	ng/uL	97

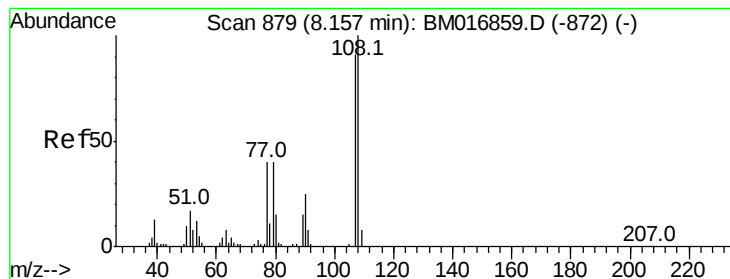
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 16.223 ng/ul

RT: 8.10 min Scan# 869

Delta R.T. -0.06 min

Lab File: BM016863.D

Acq: 22 Sep 2018 10:59

Instrument :

BNA_M

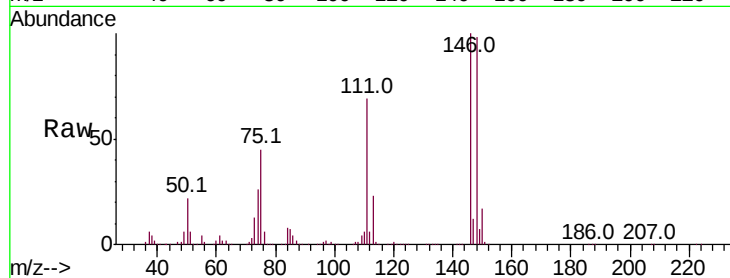
ClientSampleId :

Tot Ion:108 Resp: 228005

Ion Ratio Lower Upper

108 100

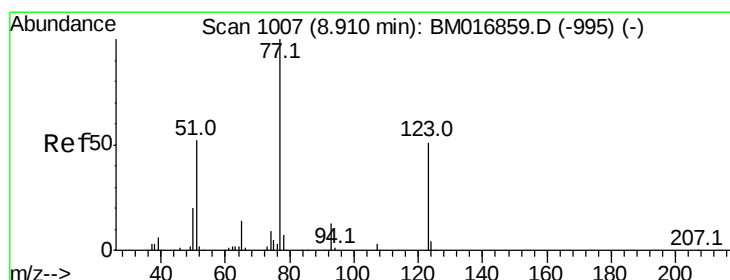
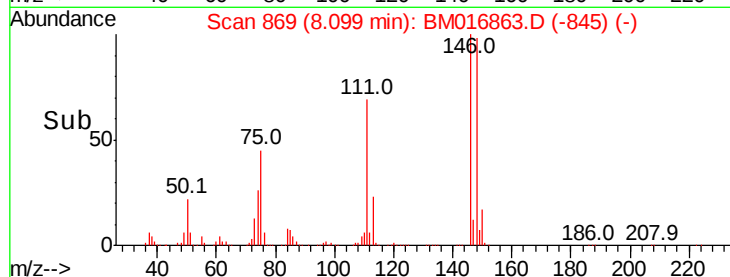
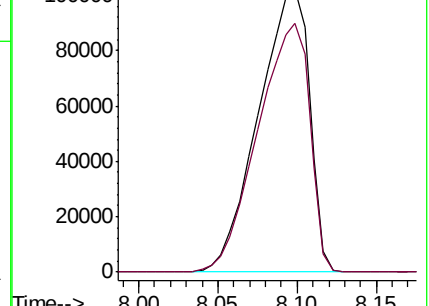
107 88.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.10



#20

Nitrobenzene

Concen: 45.152 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BM016863.D

Acq: 22 Sep 2018 10:59

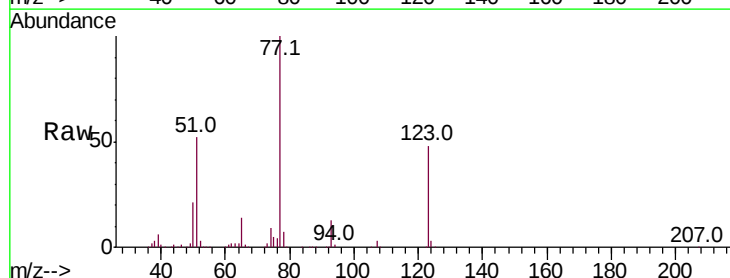
Tgt Ion: 77 Resp: 673388

Ion Ratio Lower Upper

77 100

123 48.3 31.8 47.8#

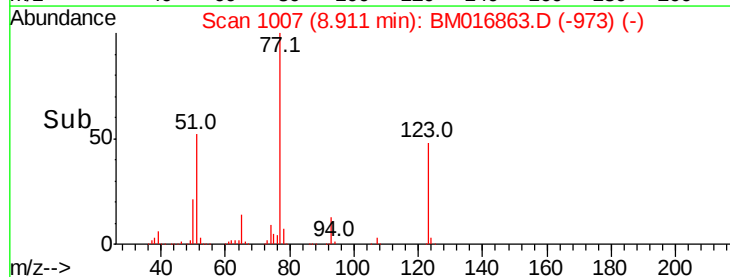
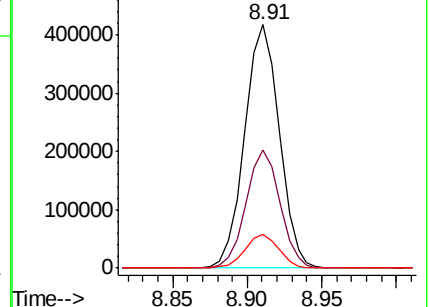
65 14.0 10.6 16.0

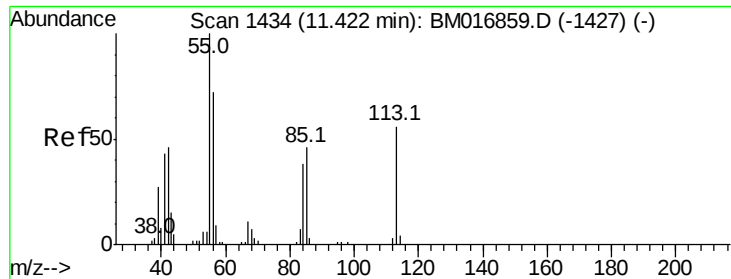


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 2.762 ng/ul

RT: 11.31 min Scan# 1415

Delta R.T. -0.11 min

Lab File: BM016863.D

Acq: 22 Sep 2018 10:59

Instrument :

BNA_M

ClientSampleId :

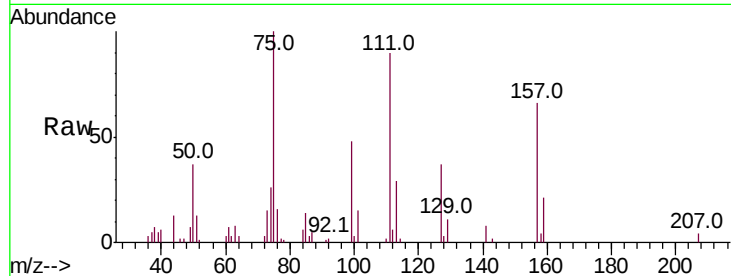
Tot Ion:113 Resp: 11432

Ion Ratio Lower Upper

113 100

55 0.0 131.7 197.5#

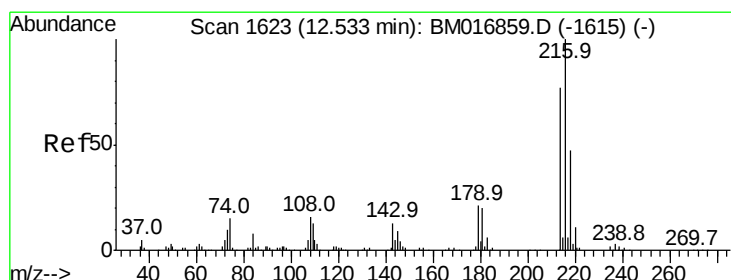
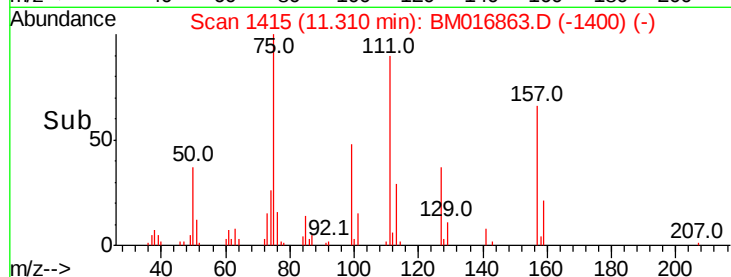
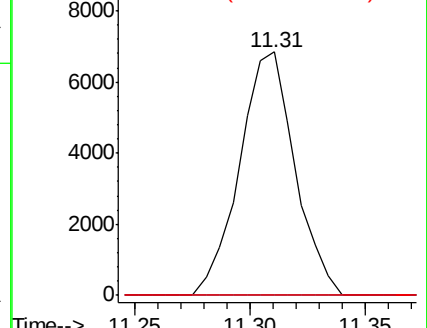
56 0.0 92.7 139.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.580 ng/ul

RT: 12.53 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BM016863.D

Acq: 22 Sep 2018 10:59

Tgt Ion:216 Resp: 73815

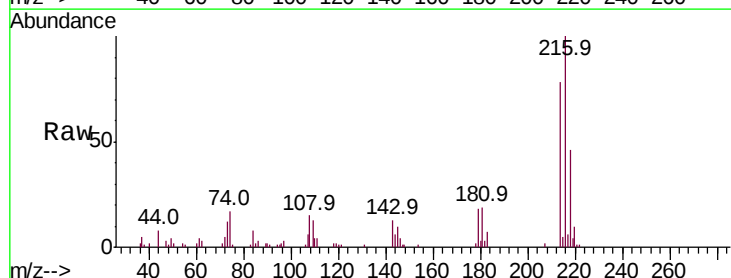
Ion Ratio Lower Upper

216 100

214 78.4 64.1 96.1

179 17.8 14.5 21.7

108 15.1 10.4 15.6

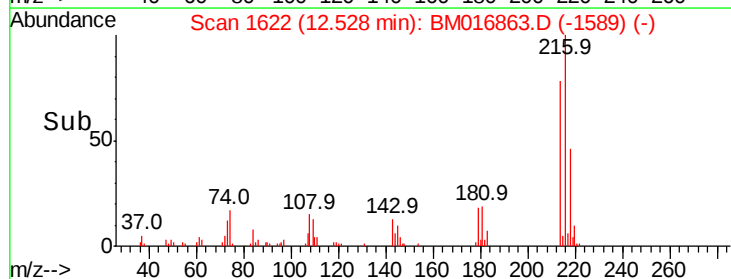
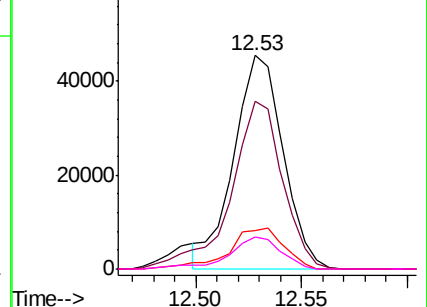


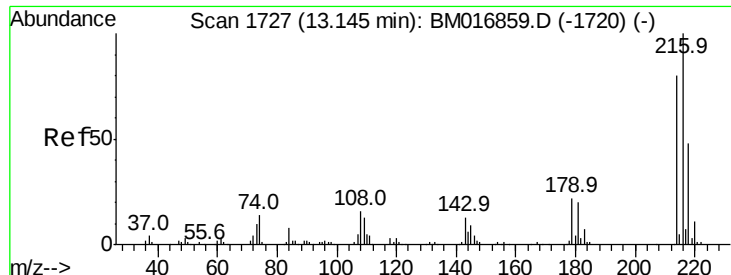
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 15.759 ng/uL

RT: 13.15 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM016863.D

Acq: 22 Sep 2018 10:59

Instrument :

BNA_M

ClientSampleId :

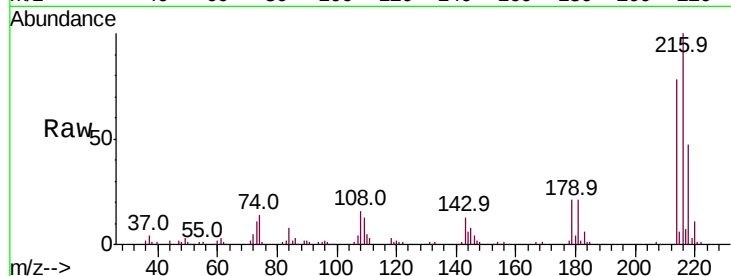
Tot Ion: 216 Resp: 275907

Ion Ratio Lower Upper

216 100

214 77.8 64.1 96.1

218 47.5 39.4 59.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

