

Data File : BM009023.D
Acq On : 24 Feb 2017 19:02
Operator : SJ/MA
Sample : I1943-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABQ1

Quant Time: Feb 25 00:30:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 25 00:25:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	153886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	559528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	337606	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	814163	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1133873	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1143619	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	19633	5.12	ng/uL	0.00
5) Phenol-d5	7.05	99	80414	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	298126	29.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	218806	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	148962	14.54	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	123317	30.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	138550	32.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	259305	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	4211	0.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	927137	40.79	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1041590	37.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	25197	6.35	ng/ul	0.00
57) Fluorene-d10	15.53	176	826629	38.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	146179	29.83	ng/ul	0.00
70) Anthracene-d10	17.39	188	1379211	35.78	ng/ul	0.00
76) Pyrene-d10	19.67	212	1689334	34.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	1878281	36.17	ng/ul	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	16854	3.76	ng/uL#	79
6) Phenol	7.07	94	37378	2.54	ng/ul#	66
44) Dimethylphthalate	13.99	163	40714	1.79	ng/ul#	96

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

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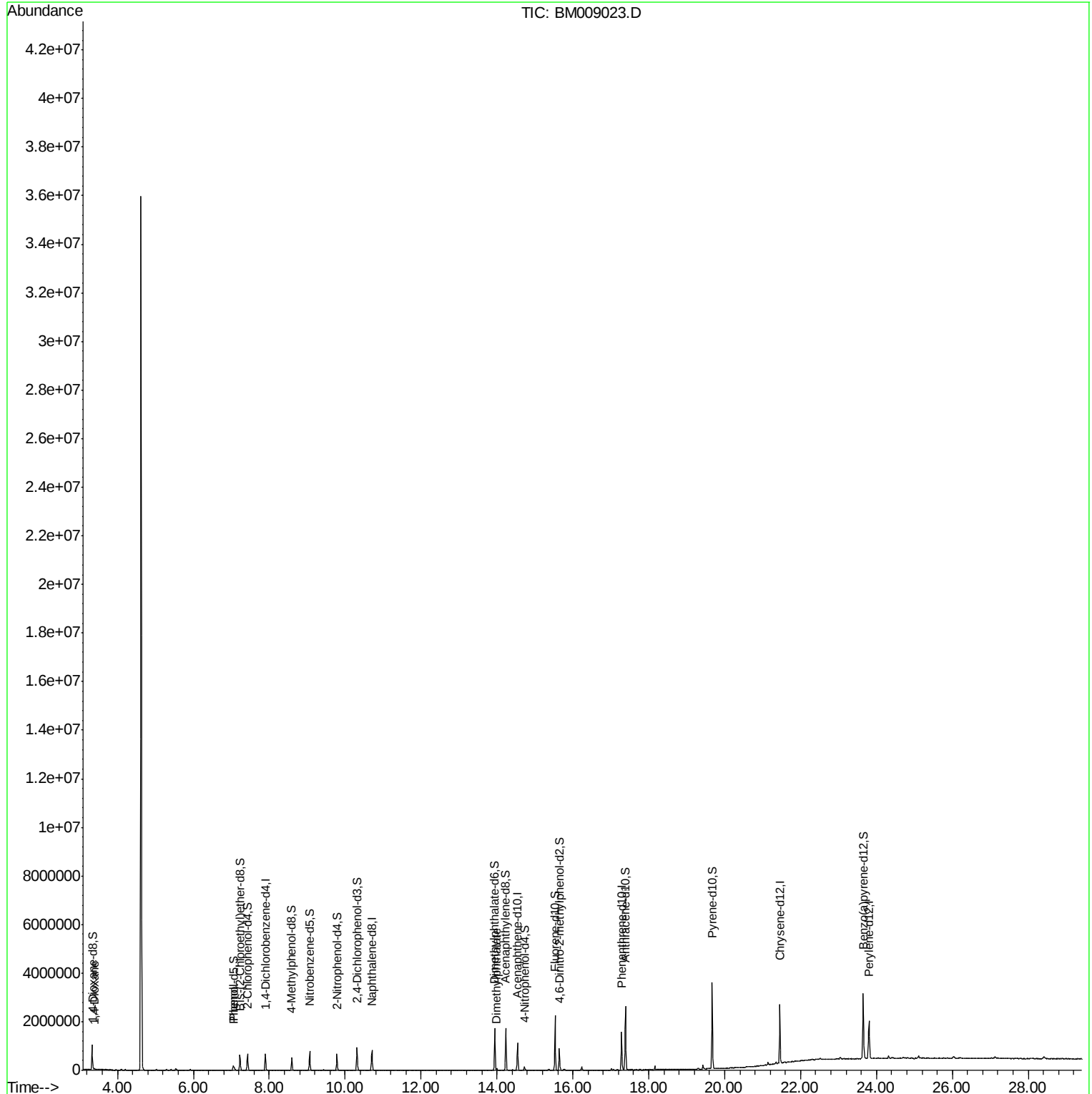
Quant Time: Feb 25 00:30:25 2017

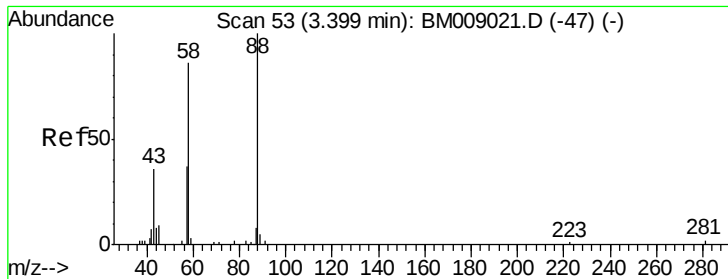
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M

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#2

1,4-Dioxane

Concen: 3.76 ng/uL

RT: 3.40 min Scan# 53

Delta R.T. -0.00 min

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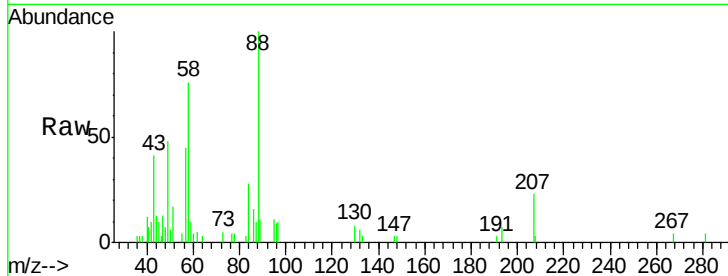
Tgt Ion: 88 Resp: 16854

Ion Ratio Lower Upper

88 100

43 50.6 59.0 88.4#

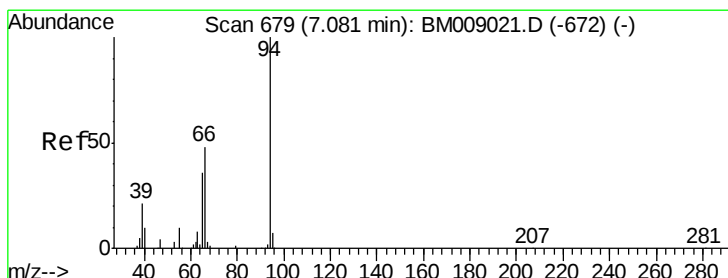
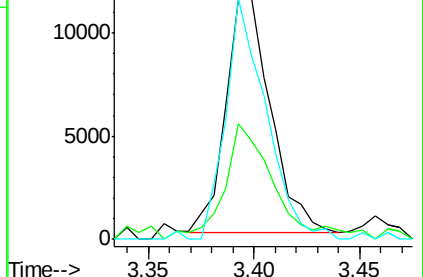
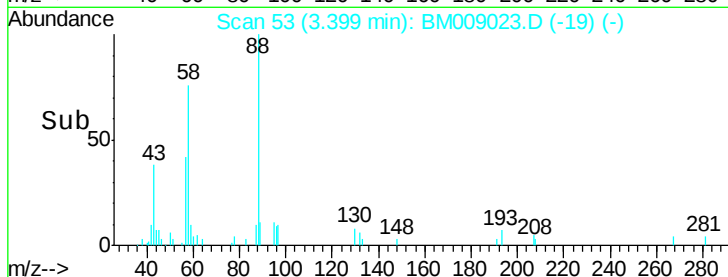
58 91.6 87.4 131.2



Abundance Ion 88.00 (87.70 to 88.70): BM009023.D (-19) (-)

Ion 43.00 (42.70 to 43.70): BM009023.D (-19) (-)

Ion 58.00 (57.70 to 58.70): BM009023.D (-19) (-)



#6

Phenol

Concen: 2.54 ng/uL

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM009023.D

Acq: 24 Feb 2017 19:02

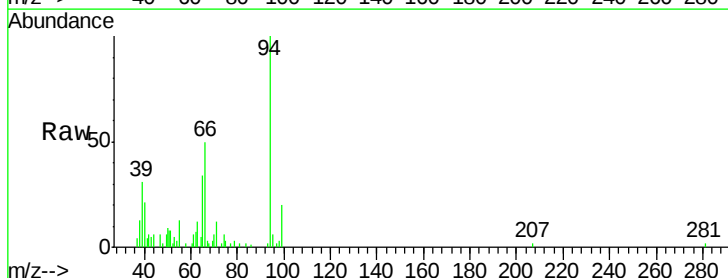
Tgt Ion: 94 Resp: 37378

Ion Ratio Lower Upper

94 100

65 34.3 39.8 59.6#

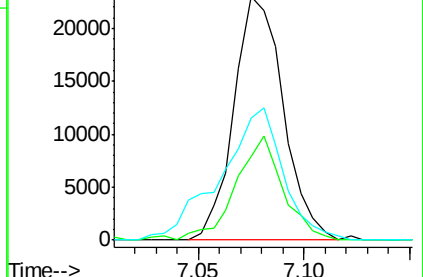
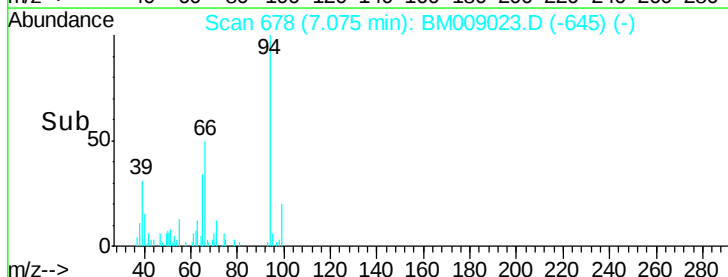
66 50.1 69.9 104.9#

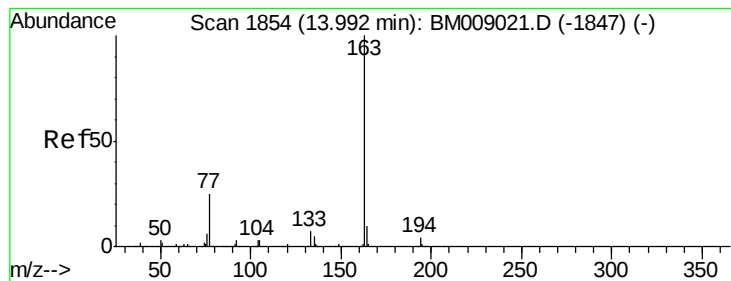


Abundance Ion 94.00 (93.70 to 94.70): BM009023.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM009023.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM009023.D (-645) (-)





#44

Dimethylphthalate

Concen: 1.79 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. -0.00 min

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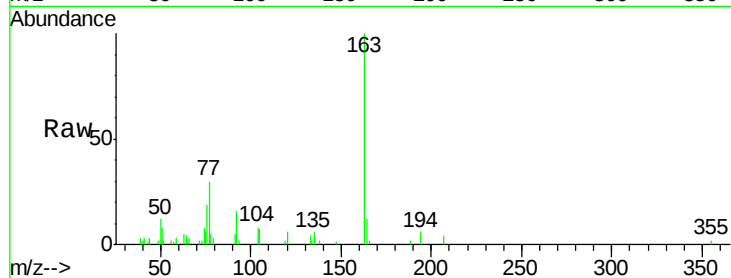
Tgt Ion:163 Resp: 40714

Ion Ratio Lower Upper

163 100

194 5.6 3.0 4.6#

164 11.9 8.6 12.8



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

