

Data File : BM009037.D
Acq On : 27 Feb 2017 19:57
Operator : SJ/MA
Sample : I1943-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABS1

Quant Time: Feb 28 00:07:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 00:07:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	155677	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	600128	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	362978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	894477	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1241829	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1207032	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	20952	5.41	ng/uL	0.00
5) Phenol-d5	7.05	99	72294	5.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	277176	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	203938	21.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	138126	13.33	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	126468	29.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	131232	28.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	264584	27.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	3496	0.34	ng/ul	0.01
43) Dimethylphthalate-d6	13.94	166	949553	38.86	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	1103795	36.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	24436	5.73	ng/ul	0.00
57) Fluorene-d10	15.53	176	867053	38.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	144892	26.92	ng/ul	0.00
70) Anthracene-d10	17.38	188	1445686	34.14	ng/ul	0.00
76) Pyrene-d10	19.67	212	1763128	32.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1892934	34.54	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	7832	1.73	ng/uL#	79
32) Caprolactam	11.57	113	3685	1.29	ng/ul#	1
44) Dimethylphthalate	13.99	163	59623	2.44	ng/ul	99

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

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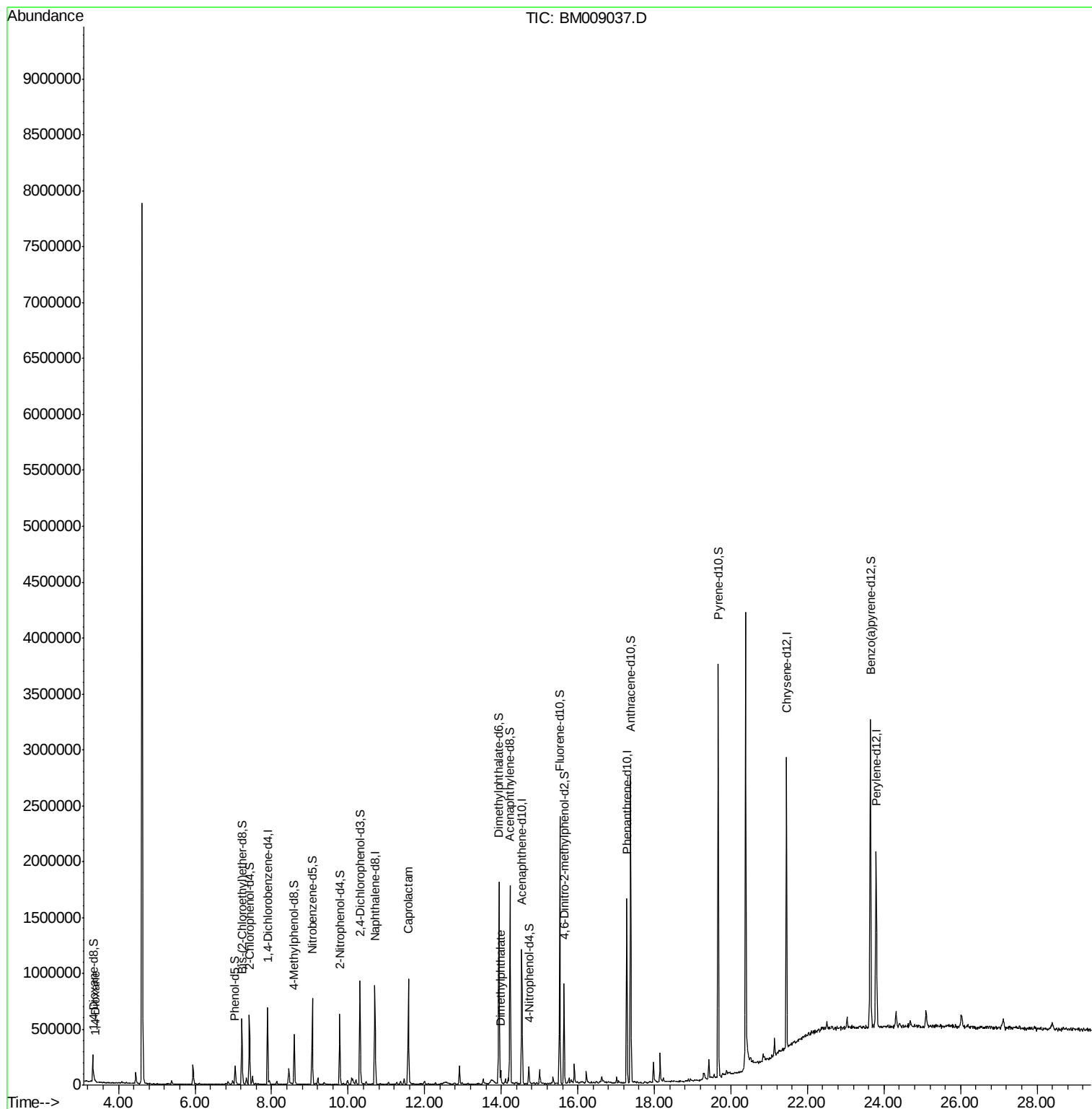
Quant Time: Feb 28 00:07:51 2017

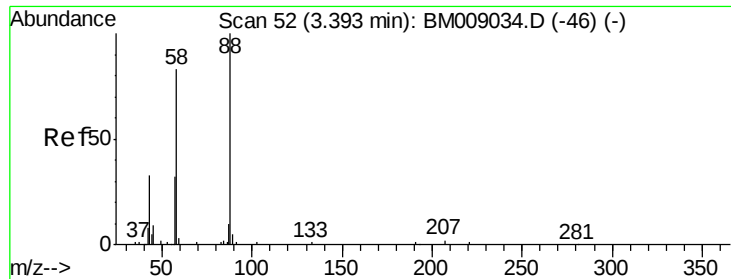
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M

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#2

1,4-Dioxane

Concen: 1.73 ng/uL

RT: 3.39 min Scan# 52

Delta R.T. 0.00 min

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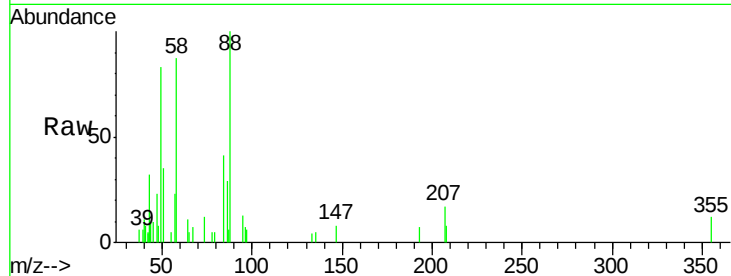
Tgt Ion: 88 Resp: 7832

Ion Ratio Lower Upper

88 100

43 55.1 59.0 88.4#

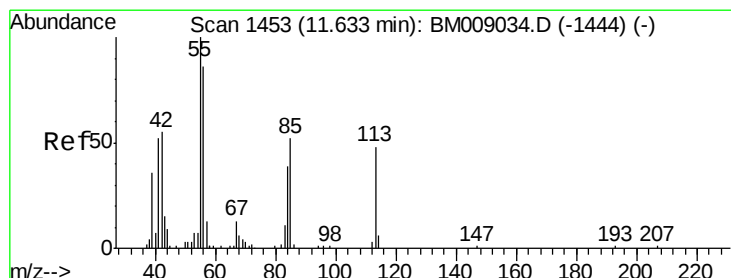
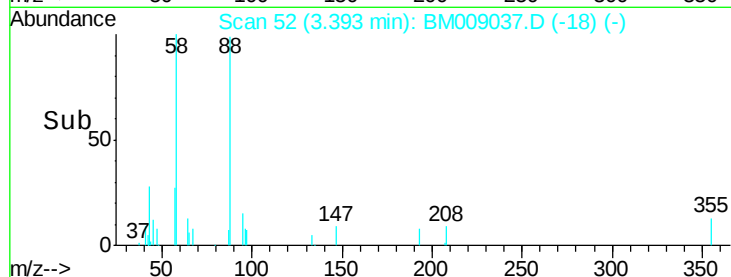
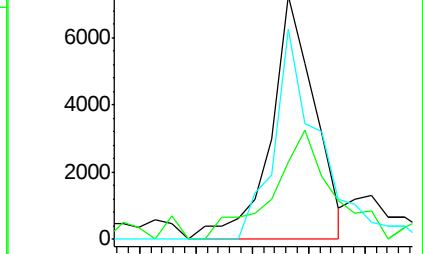
58 87.4 87.4 131.2#



Abundance Ion 88.00 (87.70 to 88.70): BM009037.D (-18) (-)

Ion 43.00 (42.70 to 43.70): BM009037.D (-18) (-)

Ion 58.00 (57.70 to 58.70): BM009037.D (-18) (-)



#32

Caprolactam

Concen: 1.29 ng/uL

RT: 11.57 min Scan# 1443

Delta R.T. -0.06 min

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Acq: 27 Feb 2017 19:57

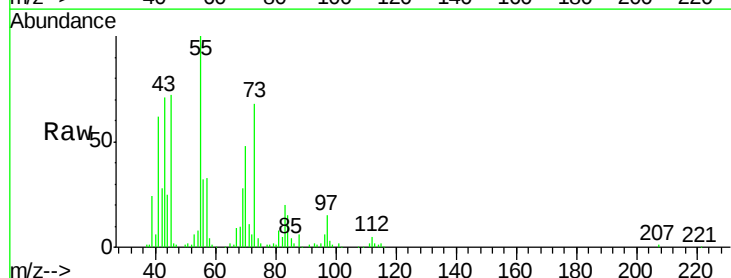
Tgt Ion: 113 Resp: 3685

Ion Ratio Lower Upper

113 100

55 4456.5 189.3 283.9#

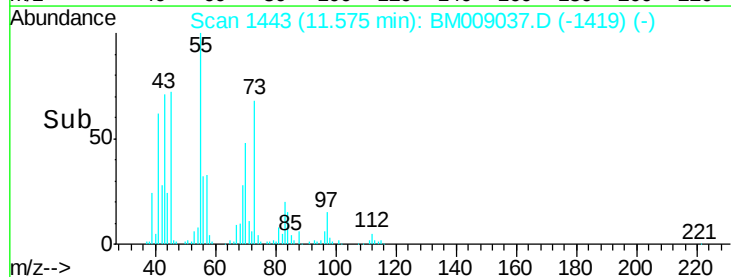
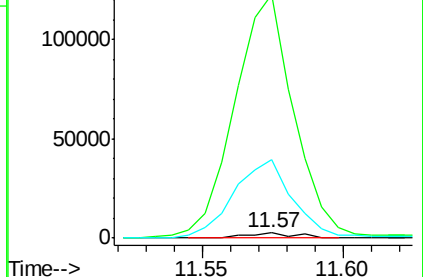
56 1432.6 165.8 248.6#

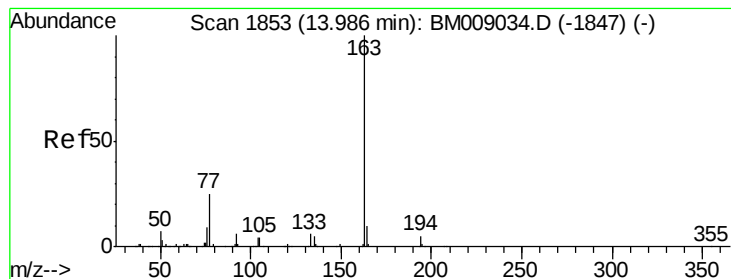


Abundance Ion 113.00 (112.70 to 113.70): BM009037.D (-1419) (-)

Ion 55.00 (54.70 to 55.70): BM009037.D (-1419) (-)

Ion 56.00 (55.70 to 56.70): BM009037.D (-1419) (-)





#44

Dimethylphthalate

Concen: 2.44 ng/ul

RT: 13.99 min Scan# 1853

Delta R.T. 0.00 min

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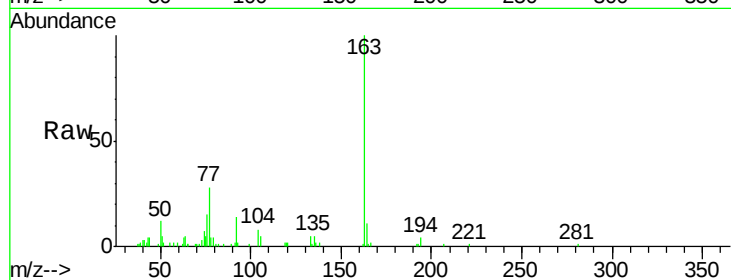
Tgt Ion:163 Resp: 59623

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 11.0 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

