

Data File : BM012146.D
Acq On : 13 Oct 2017 22:01
Operator : SJ/JU
Sample : I5772-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD9S7

Quant Time: Oct 14 04:34:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 04:34:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	176457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	771873	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	488102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1182410	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1304717	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1402196	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	21449	5.78	ng/uL	0.00
5) Phenol-d5	7.00	99	117730	8.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	268443	31.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	330712	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	236829	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	197425	33.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	240520	34.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	417001	31.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	19395	1.58	ng/ul	0.02
43) Dimethylphthalate-d6	13.89	166	1641521	38.05	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1872868	35.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	50190	7.74	ng/ul	0.00
57) Fluorene-d10	15.47	176	1301714	36.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	262051	32.29	ng/ul	0.00
70) Anthracene-d10	17.33	188	2154804	36.86	ng/ul	0.00
76) Pyrene-d10	19.62	212	2545877	38.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2521441	37.30	ng/ul	0.00

Target Compounds						Qvalue
11) 2-Methylphenol	8.27	108	21911	1.97	ng/ul	100
24) 2,4-Dimethylphenol	9.80	107	21951	1.48	ng/ul	94

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

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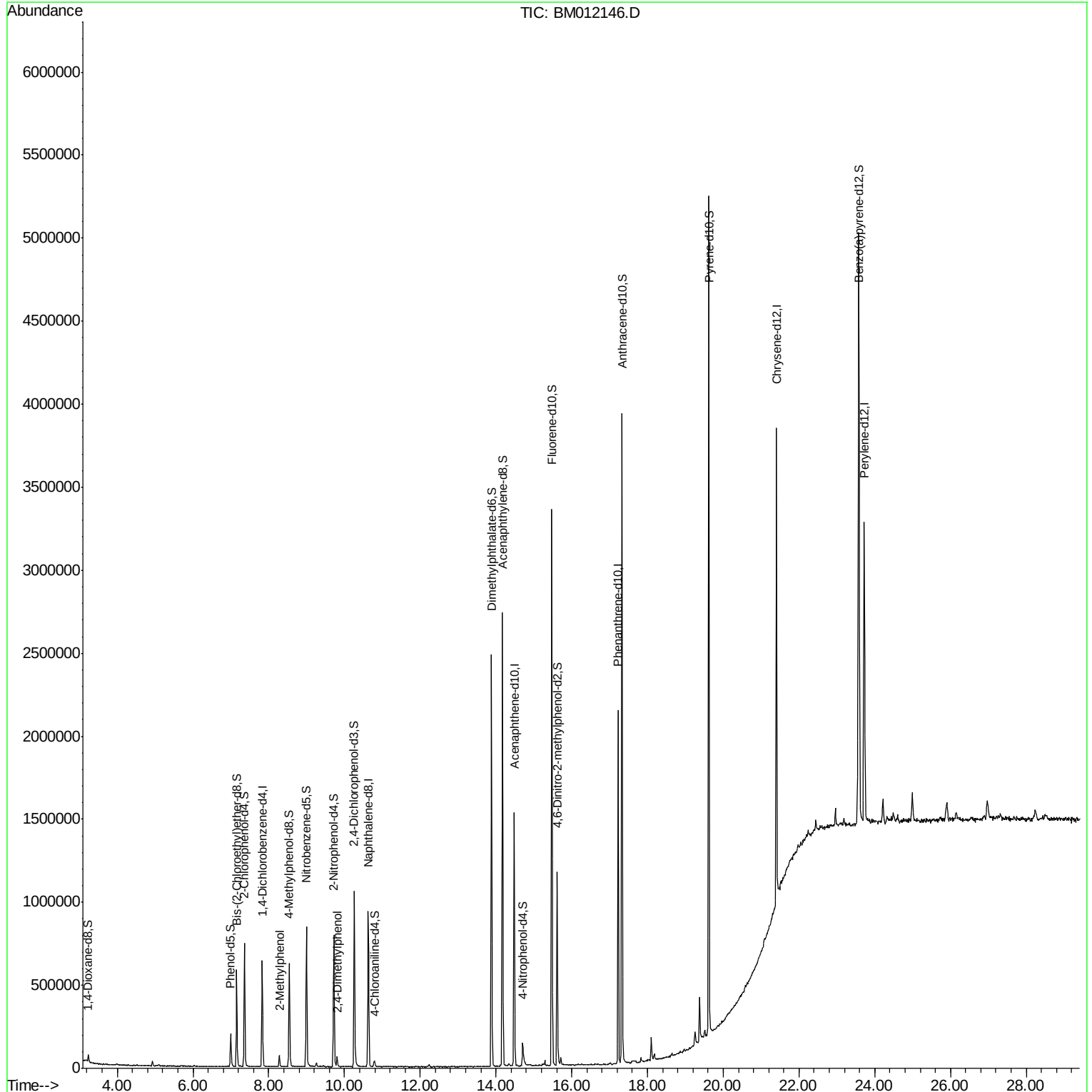
Quant Time: Oct 14 04:34:11 2017

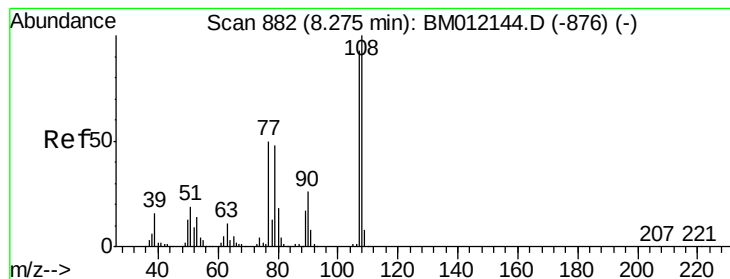
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

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#11

2-Methylphenol

Concen: 1.97 ng/ul

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

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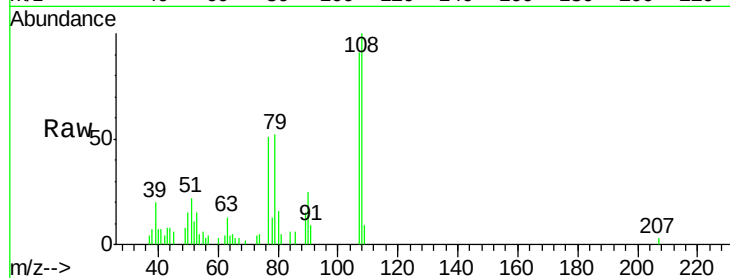
BD9S7

Tgt Ion:108 Resp: 21911

Ion Ratio Lower Upper

108 100

107 90.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

15000

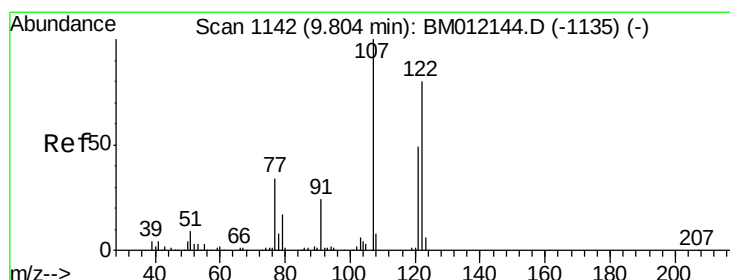
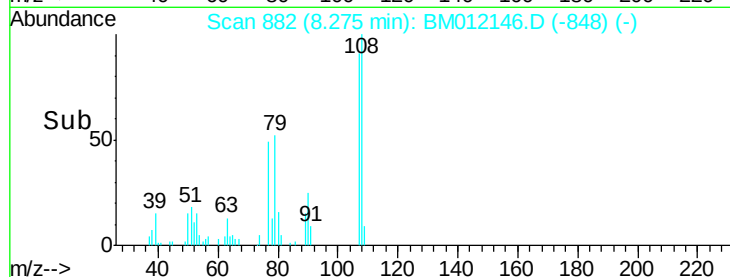
10000

5000

0

8.25 8.30

Time-->



#24

2,4-Dimethylphenol

Concen: 1.48 ng/ul

RT: 9.80 min Scan# 1142

Delta R.T. 0.00 min

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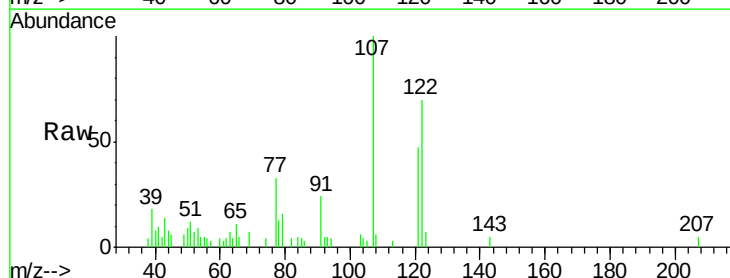
Tgt Ion:107 Resp: 21951

Ion Ratio Lower Upper

107 100

121 47.3 31.9 47.9

122 70.2 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

15000

10000

5000

0

9.75 9.80 9.85 9.90

Time-->

