

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032017\
 Data File : BM009307.D
 Acq On : 20 Mar 2017 22:23
 Operator : SJ/MA
 Sample : I2303-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ6DL

Quant Time: Mar 21 03:10:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 03:09:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	117843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	528530	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	323427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	867500	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1408713	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1463064	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.35	96	816	0.30	ng/uL	0.00
5) Phenol-d5	7.03	99	11267	0.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	50085	6.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	34095	4.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	25184	2.48	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	25723	6.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	24994	5.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	46563	5.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	2178	0.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	188336	7.67	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	213891	7.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	2459	0.50	ng/ul	0.00
57) Fluorene-d10	15.50	176	176658	8.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	22327	4.30	ng/ul	0.00
70) Anthracene-d10	17.36	188	305700	7.45	ng/ul	0.00
78) Pyrene-d10	19.65	212	404914	7.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	493719	7.38	ng/ul	0.00

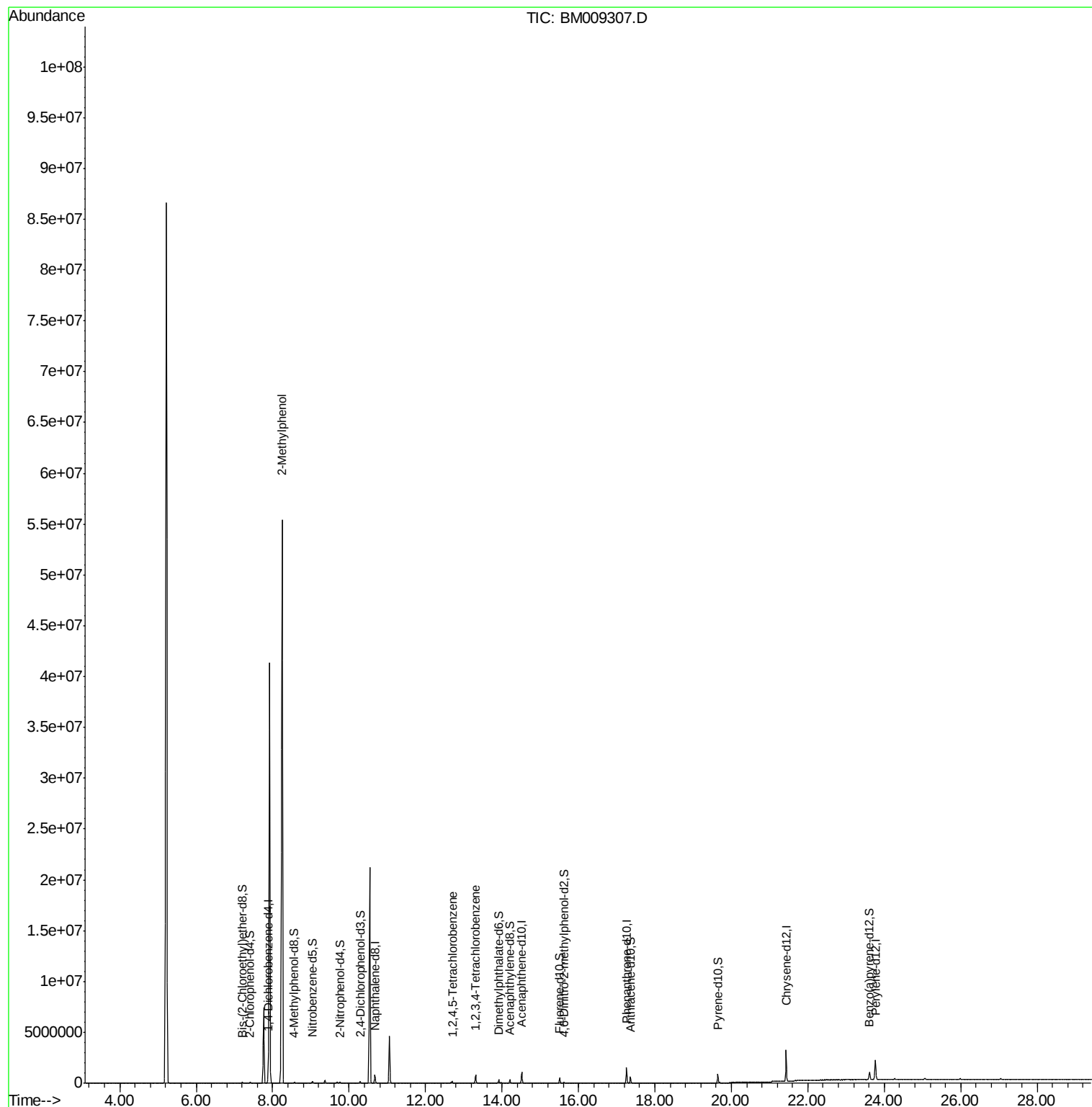
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.25	108	224583	22.77	ng/ul	87
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	48063	4.94	ng/ul#	93
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	225360	22.11	ng/uL	98

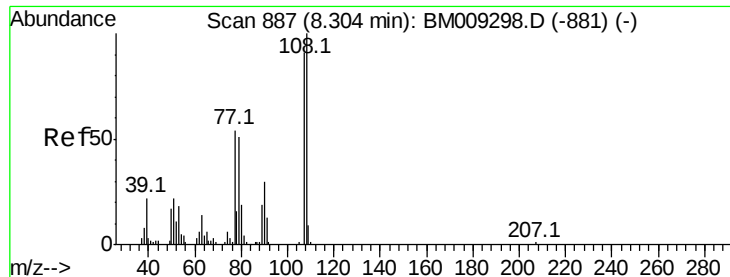
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 22.77 ng/ul

RT: 8.25 min Scan# 878

Delta R.T. -0.05 min

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BNA_M

ClientSampleId :

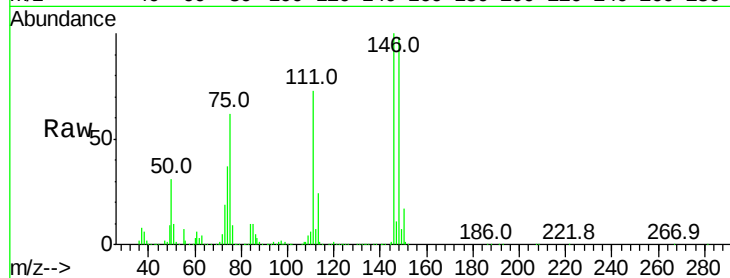
C0BJ6DL

Tot Ion:108 Resp: 224583

Ion Ratio Lower Upper

108 100

107 102.7 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

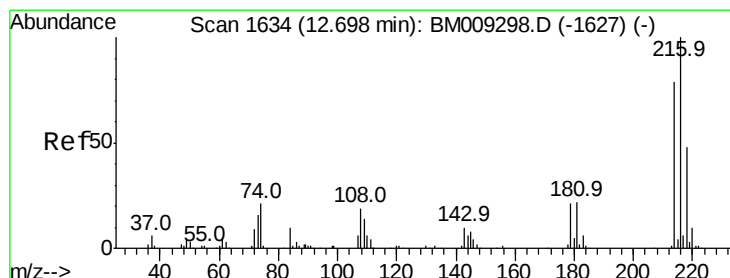
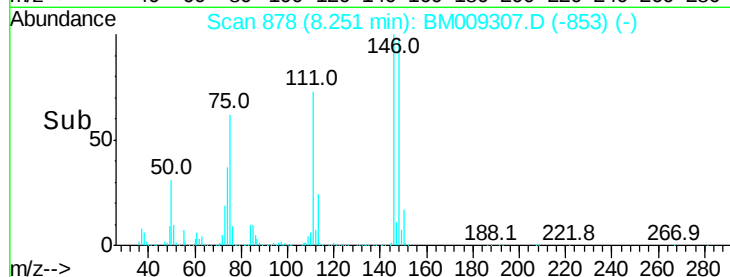
8.25

100000

50000

0

Time--> 8.15 8.20 8.25 8.30



#36

1,2,4,5-Tetrachlorobenzene

Concen: 4.94 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. 0.00 min

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Tgt Ion:216 Resp: 48063

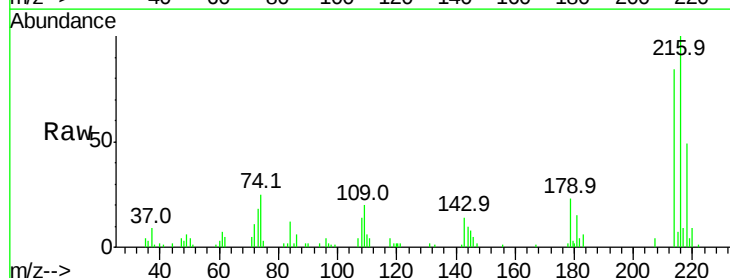
Ion Ratio Lower Upper

216 100

214 83.7 62.5 93.7

179 26.3 18.2 27.2

108 13.7 14.2 21.2#



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

40000

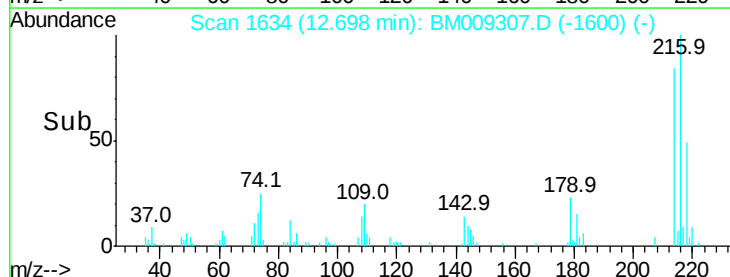
30000

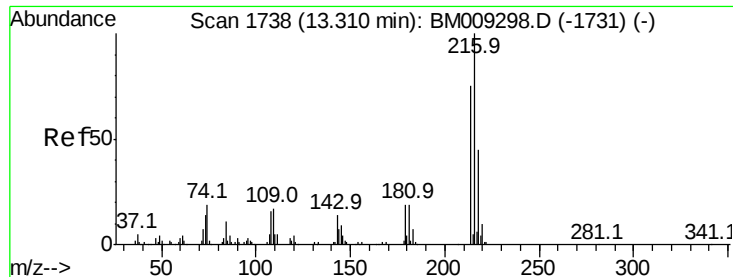
20000

10000

0

Time--> 12.65 12.70 12.75





#72

1,2,3,4-Tetrachlorobenzene

Concen: 22.11 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM009307.D

Acq: 20 Mar 2017 22:23

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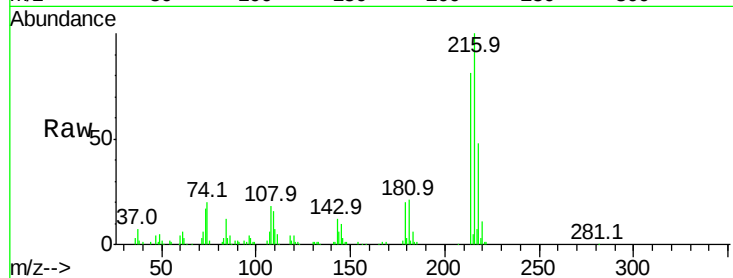
Tot Ion:216 Resp: 225360

Ion Ratio Lower Upper

216 100

214 80.7 62.5 93.7

218 48.0 38.4 57.6



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

