

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032017\
 Data File : BM009306.D
 Acq On : 20 Mar 2017 21:46
 Operator : SJ/MA
 Sample : I2303-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH7DL

Quant Time: Mar 21 03:10:42 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	89480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	416720	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	278413	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	719045	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1187712	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1264937	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	606	0.30	ng/uL	0.00
5) Phenol-d5	7.03	99	11673	1.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	40341	6.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	28812	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	19871	2.57	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	19441	6.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	20199	6.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	37672	5.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	164	0.02	ng/ul	-0.13
43) Dimethylphthalate-d6	13.92	166	160217	7.58	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	177019	7.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2162	0.52	ng/ul	0.00
57) Fluorene-d10	15.50	176	153258	8.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	18579	4.32	ng/ul	0.00
70) Anthracene-d10	17.26	188	719045	21.13	ng/ul	-0.10
78) Pyrene-d10	19.65	212	344317	7.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.61	264	443693	7.67	ng/ul	0.00

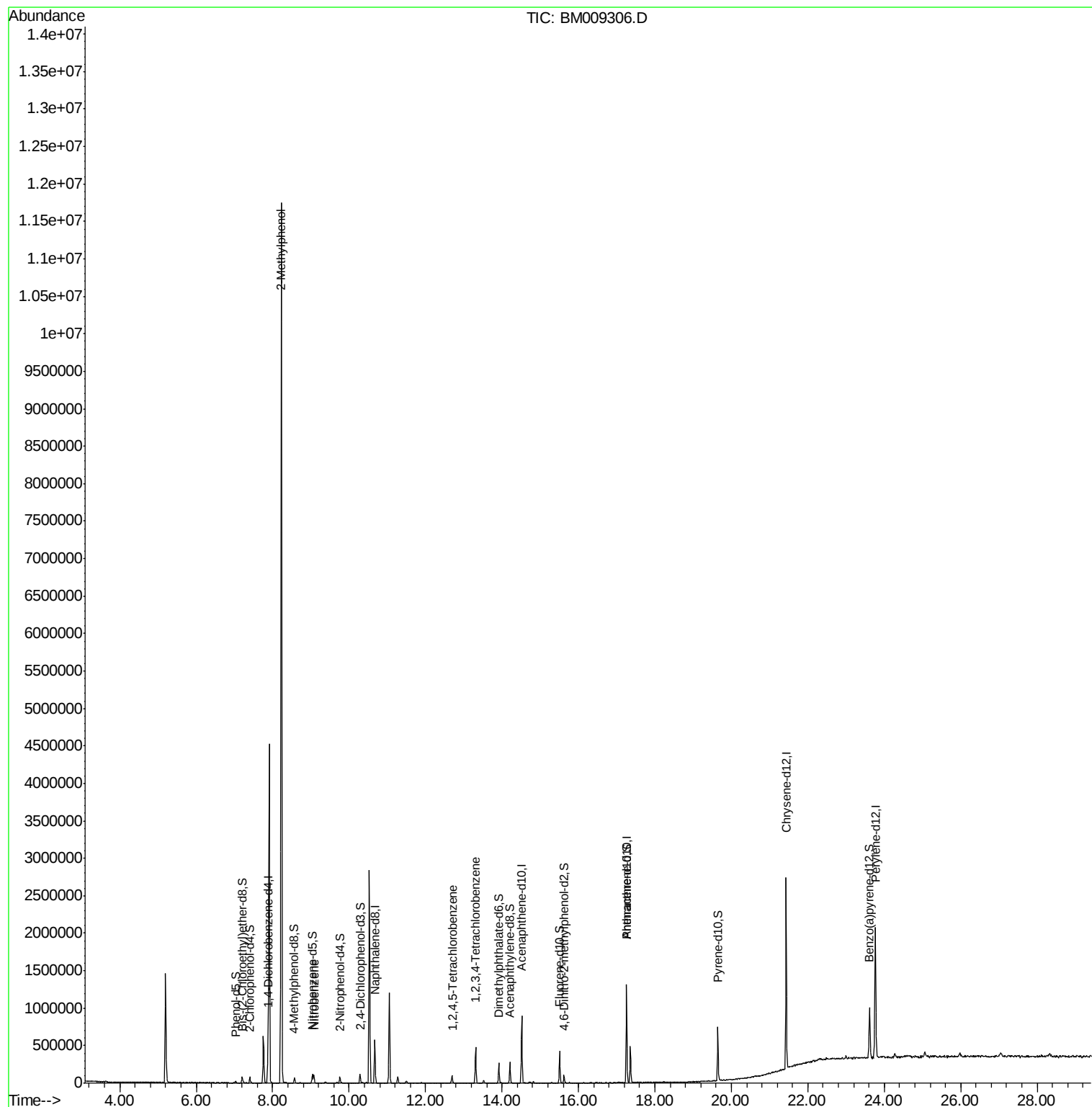
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 2-Methylphenol	8.23	108	40247	5.37	ng/ul	88
20) Nitrobenzene	9.08	77	61275	6.17	ng/ul#	87
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	30000	3.58	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	135325	16.02	ng/uL	99

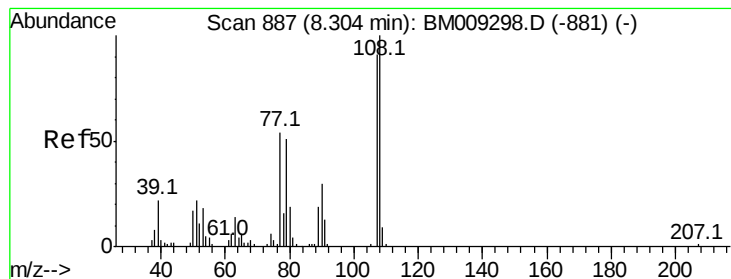
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 5.37 ng/ul

RT: 8.23 min Scan# 874

Delta R.T. -0.08 min

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BNA_M

ClientSampleId :

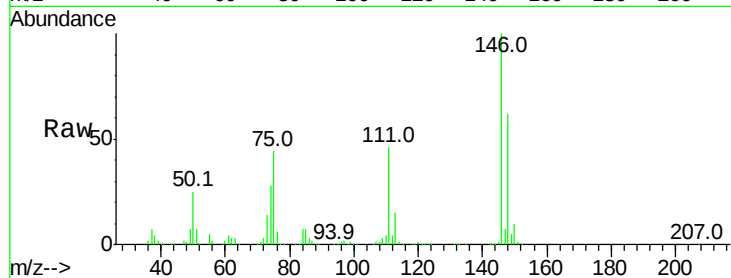
C0BH7DL

Tot Ion:108 Resp: 40247

Ion Ratio Lower Upper

108 100

107 101.7 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.23

25000

20000

15000

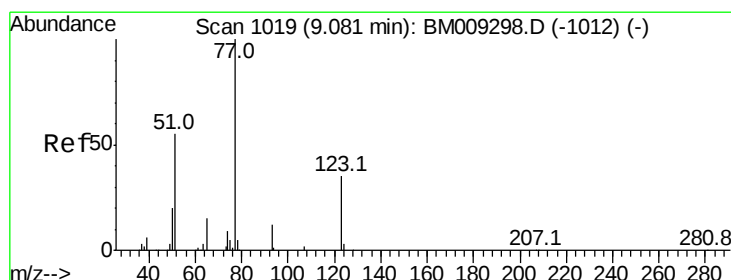
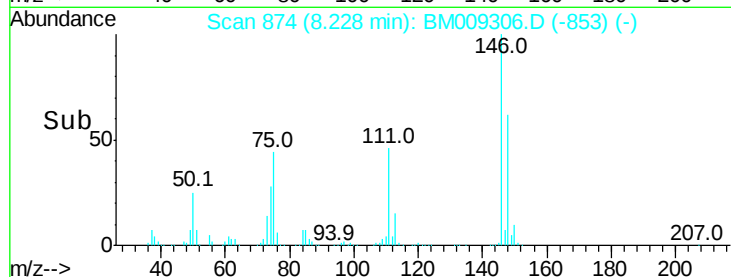
10000

5000

0

8.20 8.25

Time-->



#20

Nitrobenzene

Concen: 6.17 ng/ul

RT: 9.08 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BM009306.D

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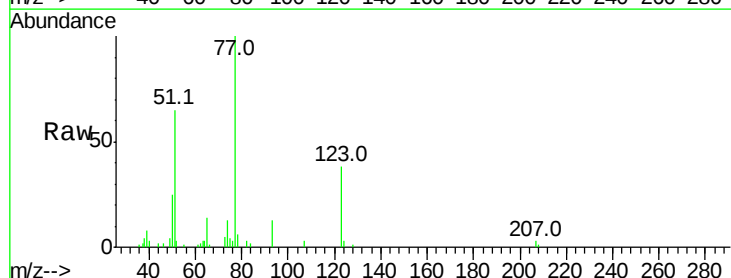
Tgt Ion: 77 Resp: 61275

Ion Ratio Lower Upper

77 100

123 37.8 39.0 58.4#

65 13.5 10.4 15.6



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

9.08

40000

30000

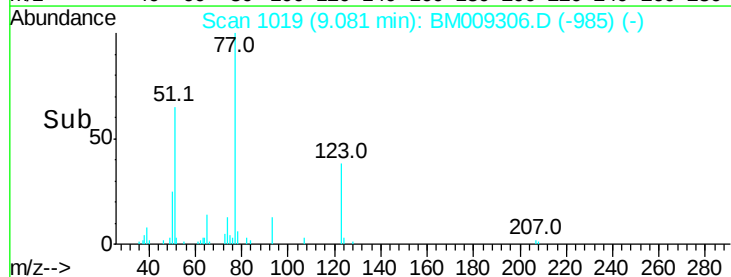
20000

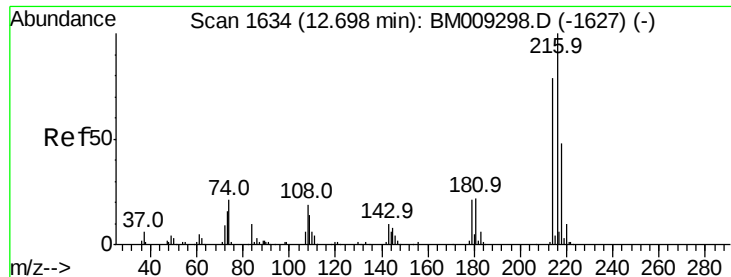
10000

0

9.00 9.05 9.10 9.15

Time-->





#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.58 ng/ul

RT: 12.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BM009306.D

Acq: 20 Mar 2017 21:46

Instrument :

BNA_M

ClientSampleId :

C0BH7DL

Tot Ion:216 Resp: 30000

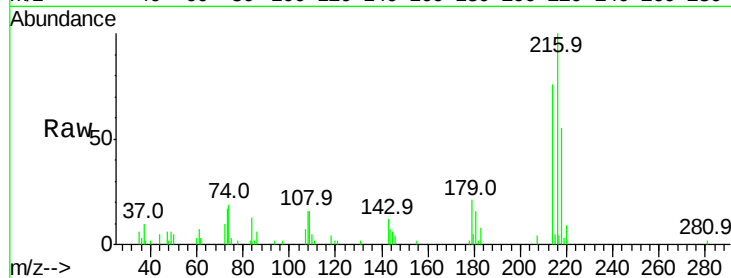
Ion Ratio Lower Upper

216 100

214 75.6 62.5 93.7

179 20.7 18.2 27.2

108 16.3 14.2 21.2

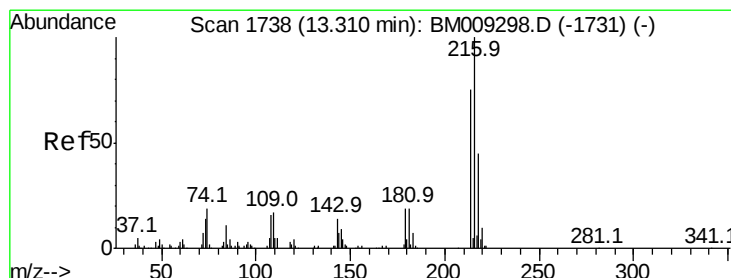
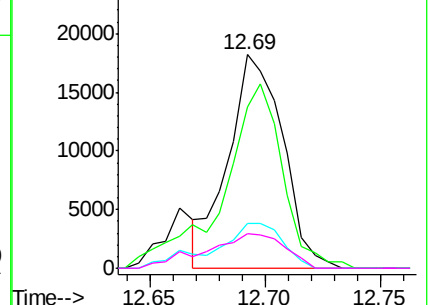
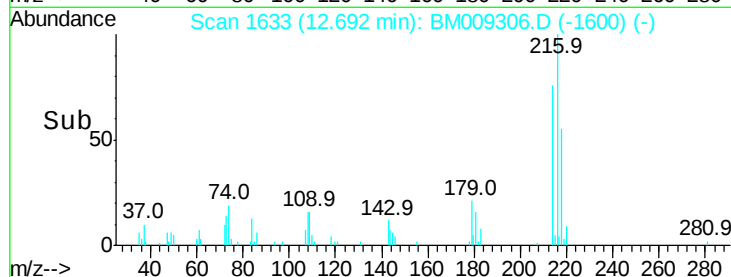


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 16.02 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. -0.00 min

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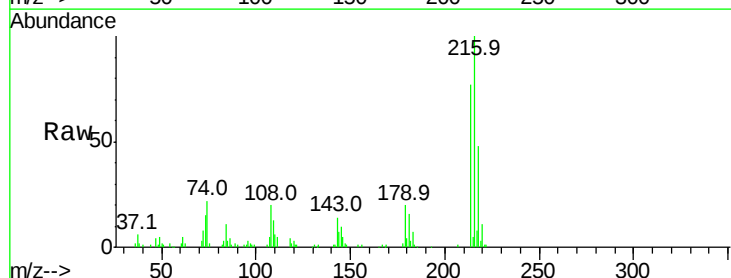
Tgt Ion:216 Resp: 135325

Ion Ratio Lower Upper

216 100

214 76.5 62.5 93.7

218 48.4 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

