

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
 Data File : BM019414.D
 Acq On : 25 Mar 2019 04:25
 Operator : JU/SJ
 Sample : K2027-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09F1

Quant Time: Mar 25 05:17:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	162224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	676711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	393007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	869398	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	887230	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	966207	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14563	3.51	ng/uL	0.00
5) Phenol-d5	6.79	99	94134	6.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	227599	23.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	246886	22.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	157574	14.53	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	137253	28.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	162999	30.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	271811	26.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	17020	1.40	ng/ul	0.03
44) Dimethylphthalate-d6	13.68	166	891064	28.10	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1164992	29.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	13804	2.78	ng/ul	0.04
58) Fluorene-d10	15.26	176	792352	29.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	111609	19.41	ng/ul	0.00
71) Anthracene-d10	17.12	188	1267012	30.37	ng/ul	0.00
79) Pyrene-d10	19.43	212	1356823	33.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1466909	28.64	ng/ul	0.00

Target Compounds

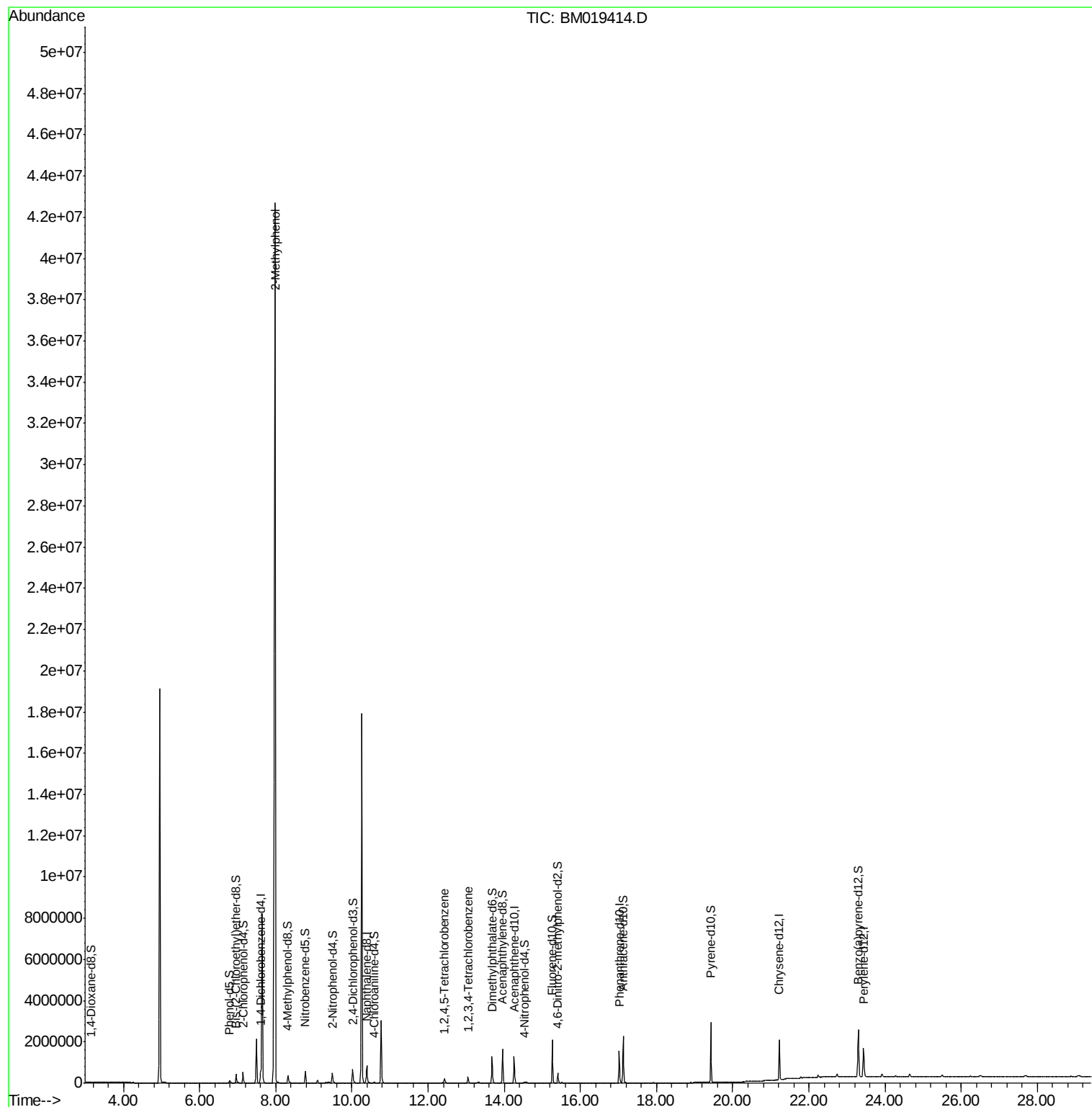
					Qvalue	
11) 2-Methylphenol	7.99	108	193760	18.430	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	77591	6.204	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	95775	7.598	ng/uL	99

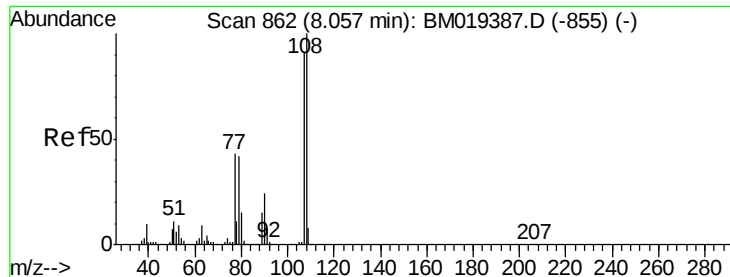
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 18.430 ng/ul

RT: 7.99 min Scan# 850

Delta R.T. -0.07 min

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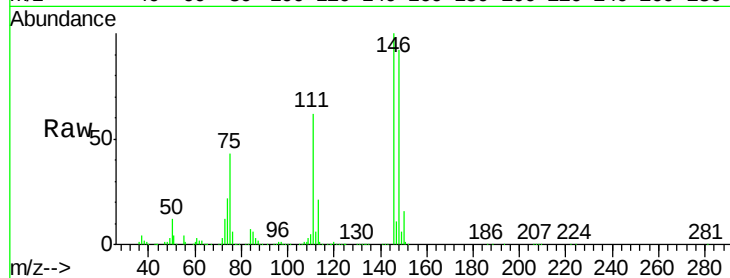
C09F1

Tgt Ion:108 Resp: 193760

Ion Ratio Lower Upper

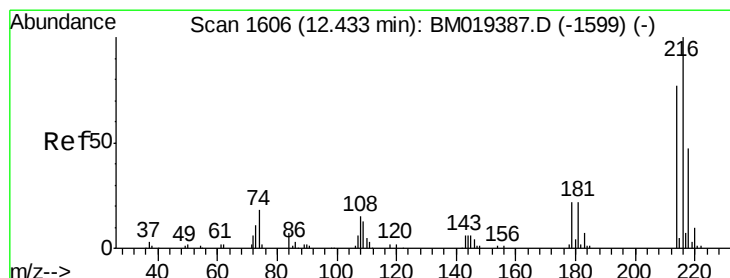
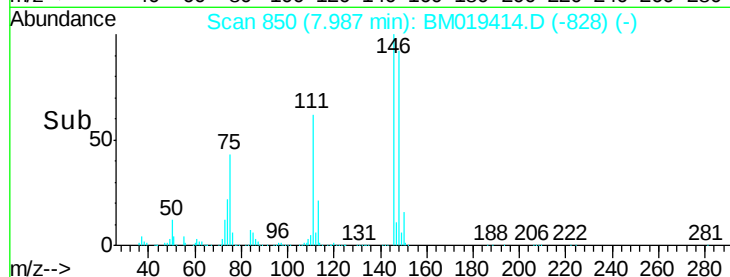
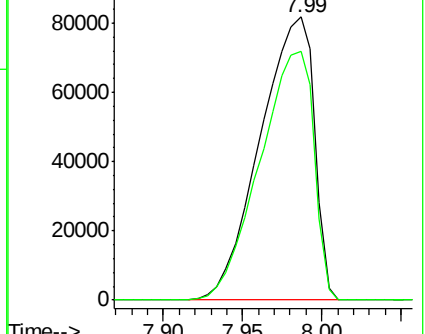
108 100

107 88.1 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 6.204 ng/ul

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM019414.D

Acq: 25 Mar 2019 04:25

Tgt Ion:216 Resp: 77591

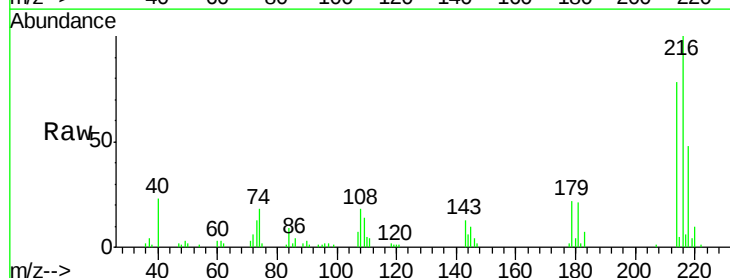
Ion Ratio Lower Upper

216 100

214 78.4 64.1 96.1

179 21.9 14.5 21.7#

108 17.8 10.4 15.6#

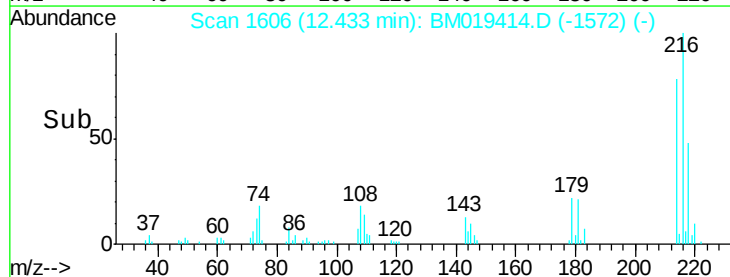
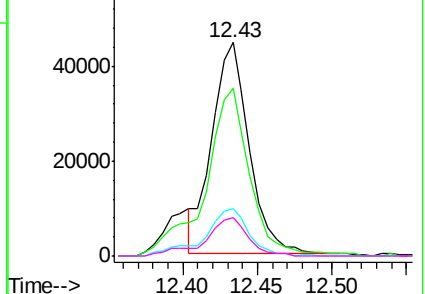


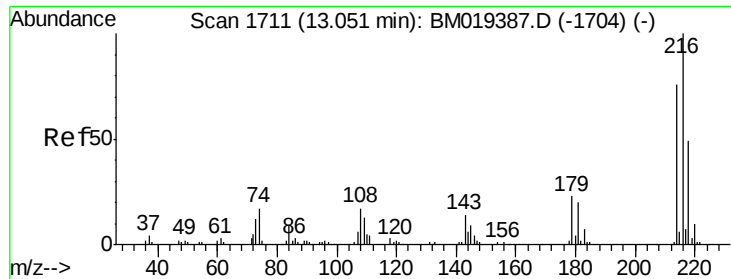
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 7.598 ng/uL

RT: 13.05 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BM019414.D

Acq: 25 Mar 2019 04:25

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C09F1

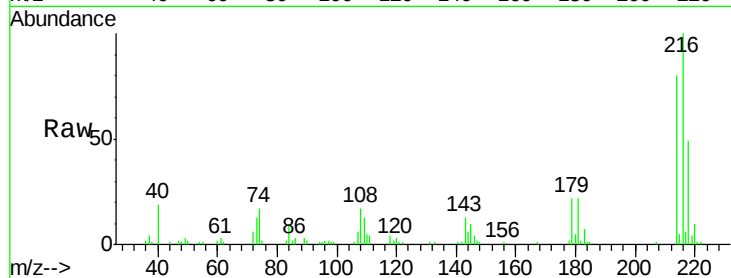
Tgt Ion: 216 Resp: 95775

Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

218 48.5 39.4 59.0



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

