

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
 Data File : BM019422.D
 Acq On : 25 Mar 2019 09:32
 Operator : JU/SJ
 Sample : K2027-08DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0987DL

Quant Time: Mar 26 05:39:21 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	7.61	152	127956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	525696	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	296005	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	640442	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	643834	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	714079	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	498	0.15	ng/uL	0.03
5) Phenol-d5	6.80	99	6641	0.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	21290	2.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	22620	2.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	12051	1.41	ng/ul	0.02
19) Nitrobenzene-d5	8.77	128	12709	3.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	13101	3.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	21915	2.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	445	0.05	ng/ul	-0.16
44) Dimethylphthalate-d6	13.69	166	84041	3.52	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	103198	3.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.27	176	76382	3.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	3880	0.92	ng/ul	0.02
71) Anthracene-d10	17.12	188	120129	3.91	ng/ul	0.00
79) Pyrene-d10	19.43	212	121900	4.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	135137	3.57	ng/ul	0.00

Target Compounds

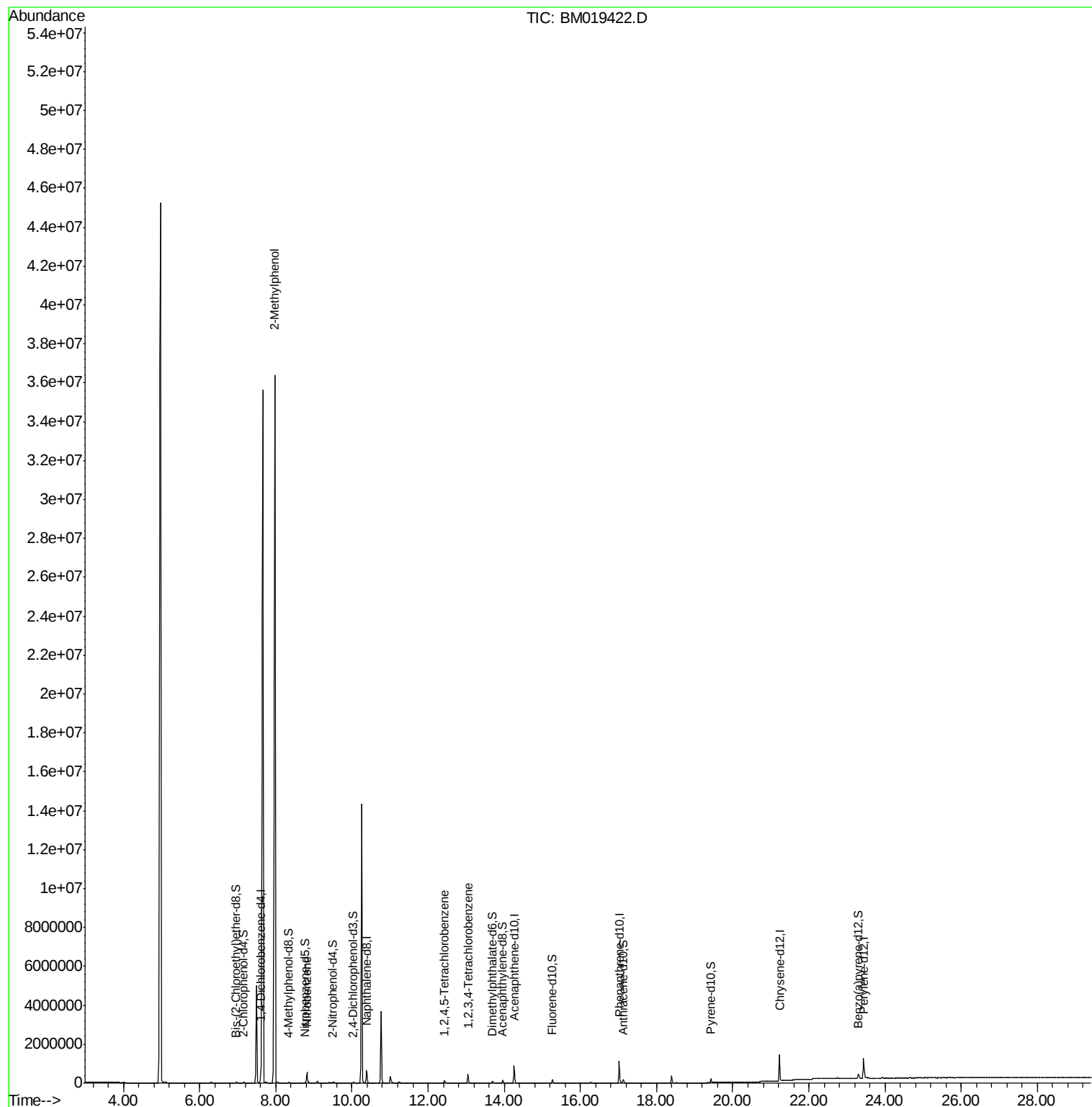
					Qvalue
11) 2-Methylphenol	7.97	108	141010	17.004 ng/ul	95
20) Nitrobenzene	8.82	77	407858	36.537 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	44137	4.686 ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	161126	17.353 ng/uL	98

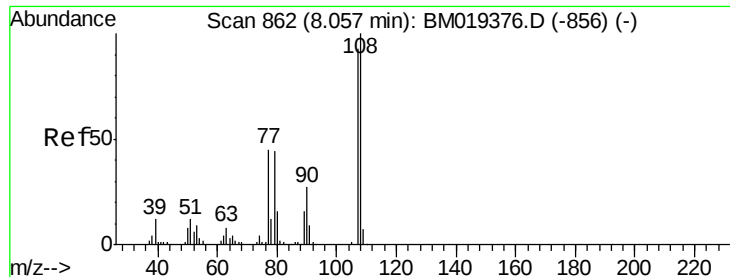
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 17.004 ng/ul

RT: 7.97 min Scan# 848

Delta R.T. -0.08 min

Lab File: BM019422.D

Acq: 25 Mar 2019 09:32

Instrument :

BNA_M

ClientSampled :

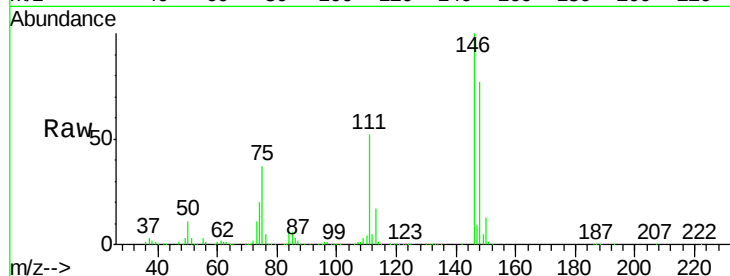
C0987DL

Tgt Ion:108 Resp: 141010

Ion Ratio Lower Upper

108 100

107 87.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

80000

60000

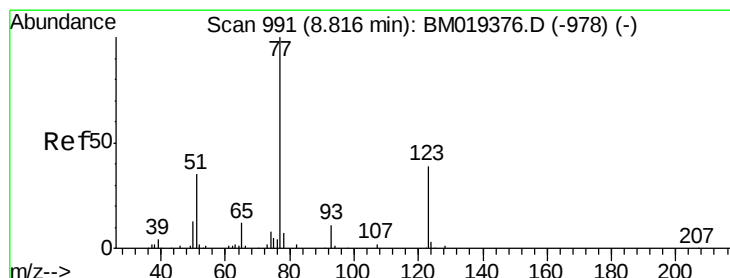
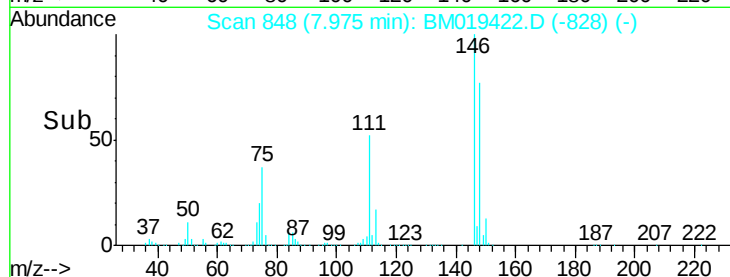
40000

20000

0

7.90 7.95 8.00

Time-->



#20

Nitrobenzene

Concen: 36.537 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM019422.D

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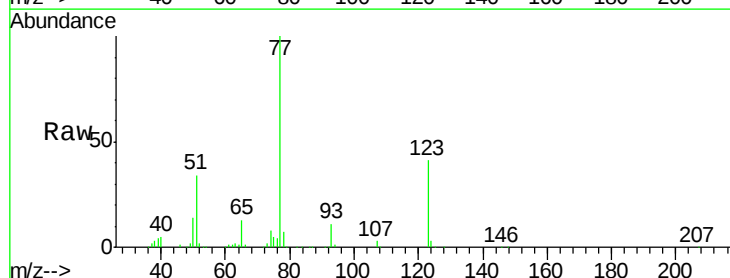
Tgt Ion: 77 Resp: 407858

Ion Ratio Lower Upper

77 100

123 41.1 31.8 47.8

65 13.0 10.6 16.0



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

300000

250000

200000

150000

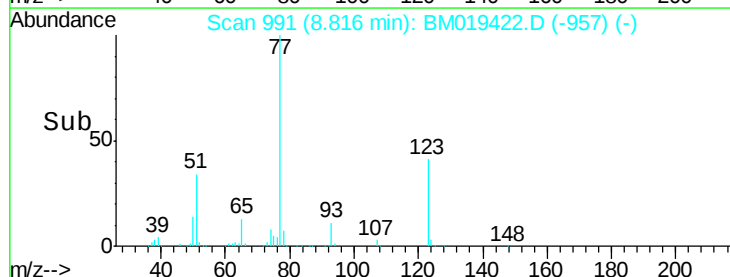
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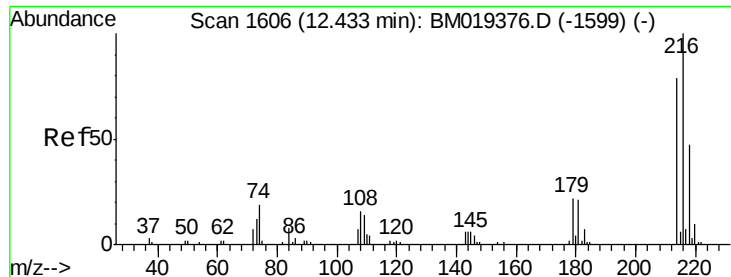
50000

0

8.70 8.80 8.90

Time-->

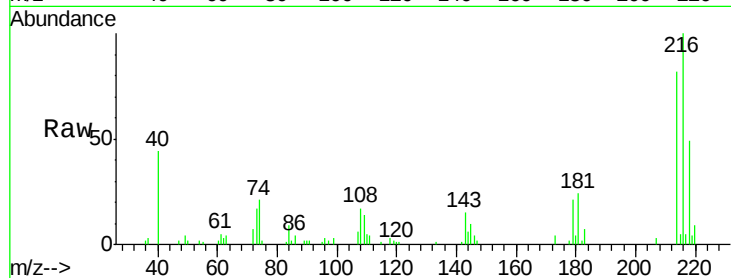




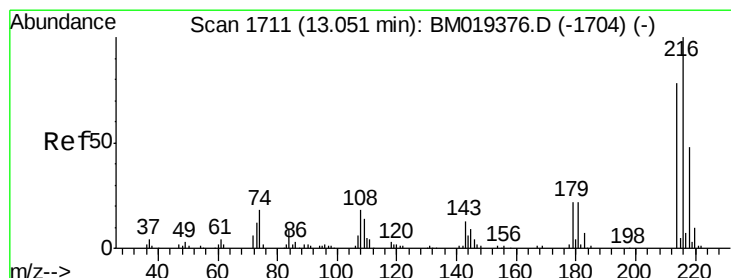
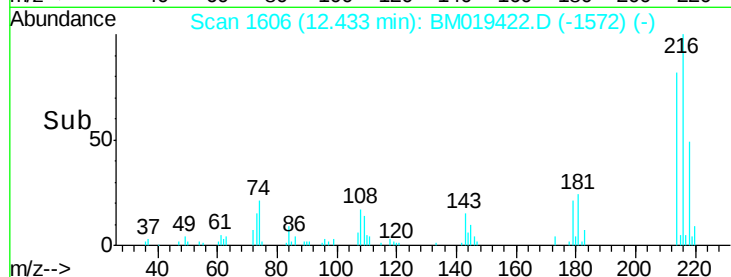
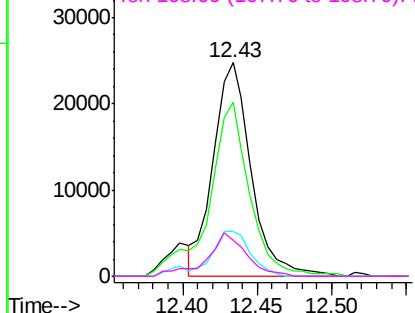
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.686 ng/uL
 RT: 12.43 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM019422.D
 Acq: 25 Mar 2019 09:32

Instrument :
 BNA_M
 ClientSampleID :
 C0987DL

Tgt Ion:216 Resp: 44137
 Ion Ratio Lower Upper
 216 100
 214 81.8 64.1 96.1
 179 21.2 14.5 21.7
 108 17.0 10.4 15.6#

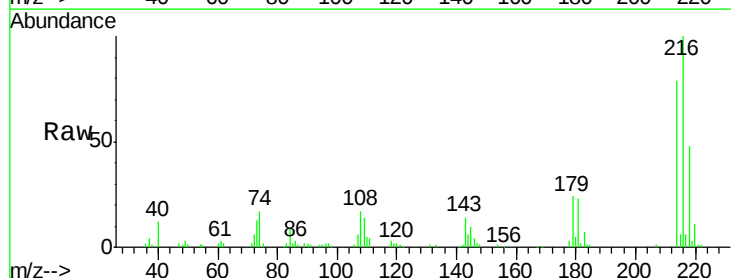


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 17.353 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BM019422.D
 Acq: 25 Mar 2019 09:32

Tgt Ion:216 Resp: 161126
 Ion Ratio Lower Upper
 216 100
 214 79.1 64.1 96.1
 218 47.6 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

