

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019477.D
 Acq On : 26 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K2069-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D0

Quant Time: Mar 27 03:41:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	162743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	636740	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	341628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	696344	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	700757	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	781696	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14507	3.49	ng/uL	0.00
5) Phenol-d5	6.78	99	89867	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	239865	24.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	254207	23.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	155785	14.32	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	140335	30.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	160214	31.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	274777	28.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	4664	0.41	ng/ul	0.05
44) Dimethylphthalate-d6	13.68	166	838223	30.41	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1063194	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	4521	1.05	ng/ul	0.04
58) Fluorene-d10	15.26	176	732325	30.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	104404	22.67	ng/ul	0.00
71) Anthracene-d10	17.12	188	1080169	32.32	ng/ul	0.00
79) Pyrene-d10	19.42	212	1129494	34.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1248337	30.12	ng/ul	0.00

Target Compounds

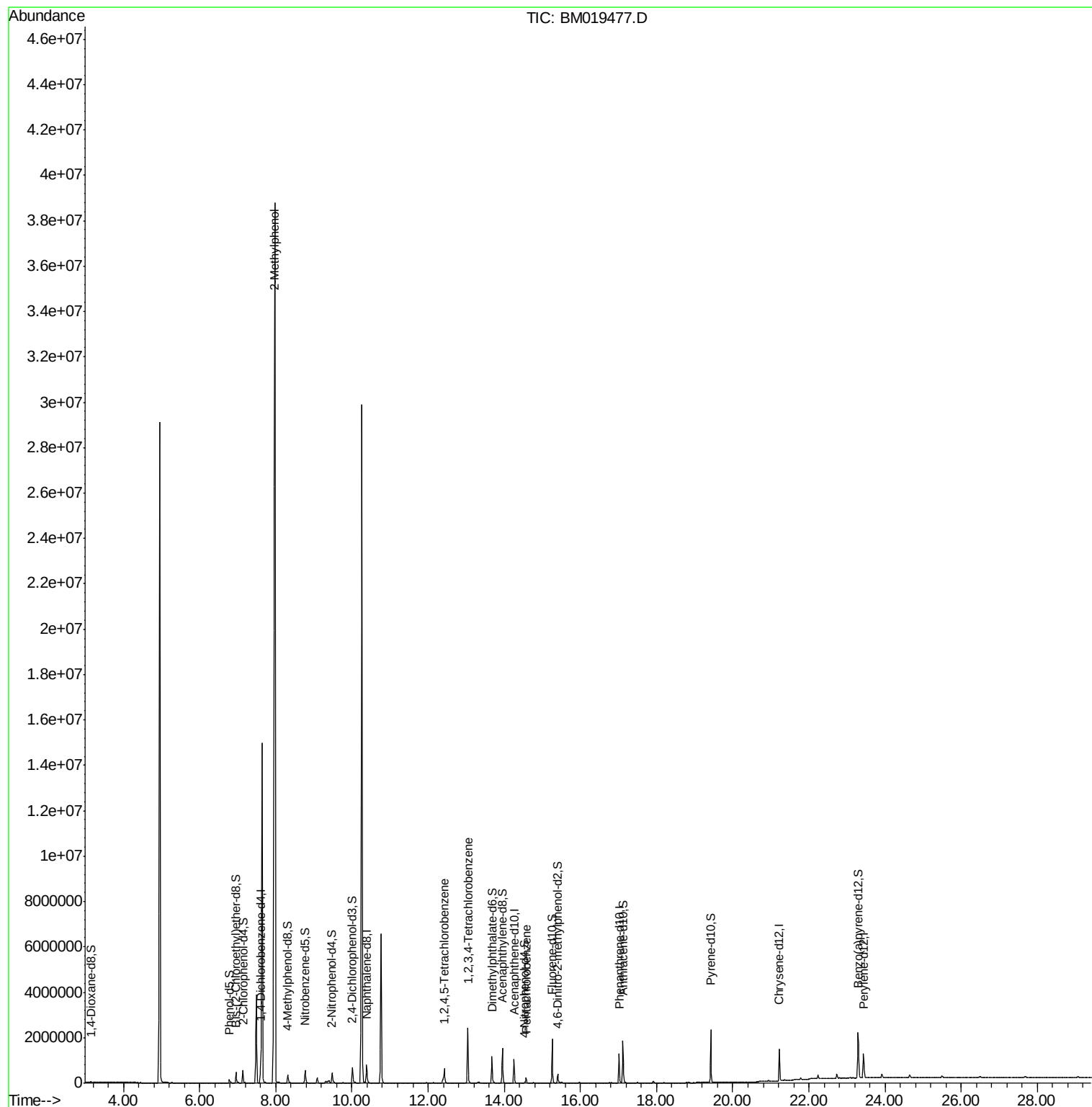
					Qvalue	
11) 2-Methylphenol	7.97	108	163105	15.465	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	224012	20.607	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	776212	76.885	ng/uL	98
74) Pentachlorobenzene	14.57	250	62985	5.964	ng/uL	95

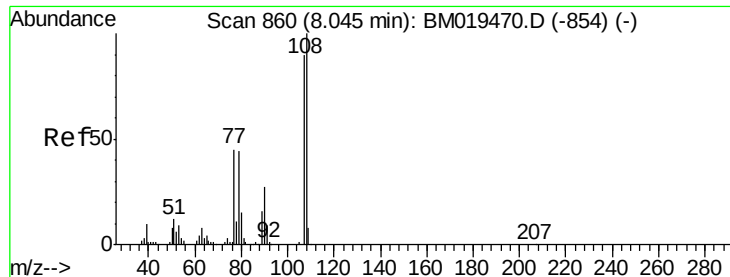
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 15.465 ng/ul

RT: 7.97 min Scan# 848

Delta R.T. -0.07 min

Lab File: BM019477.D

Acq: 26 Mar 2019 19:15

Instrument :

BNA_M

ClientSampleId :

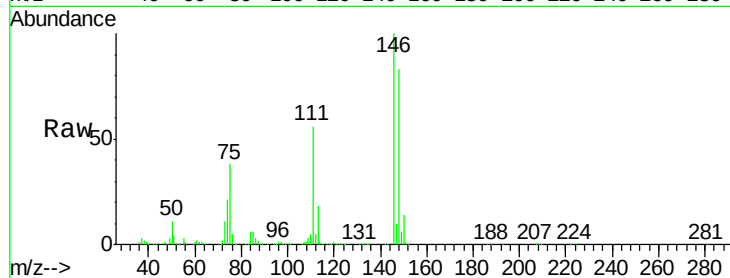
C09D0

Tgt Ion:108 Resp: 163105

Ion Ratio Lower Upper

108 100

107 86.3 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.97

80000

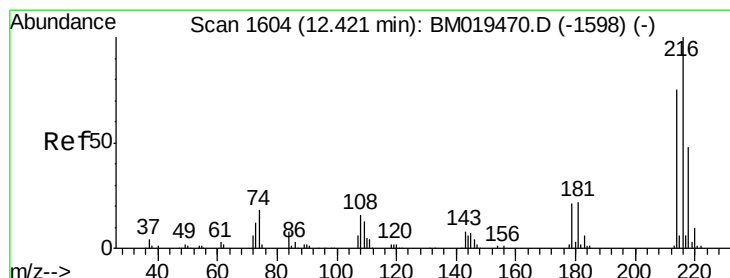
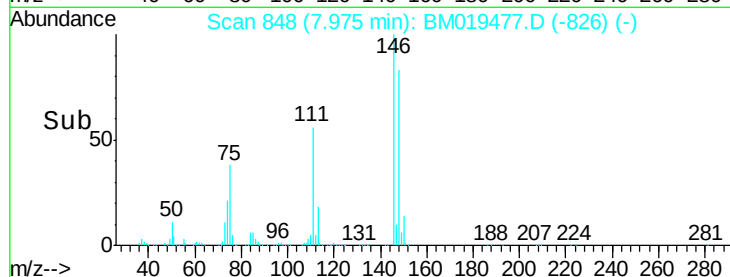
60000

40000

20000

0

Time--> 7.90 7.95 8.00



#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.607 ng/ul

RT: 12.43 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BM019477.D

Acq: 26 Mar 2019 19:15

Tgt Ion:216 Resp: 224012

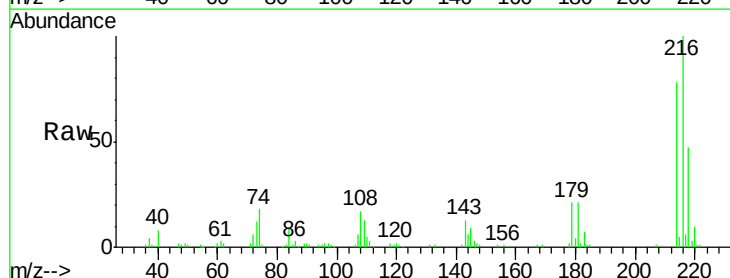
Ion Ratio Lower Upper

216 100

214 77.6 64.1 96.1

179 21.4 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

200000

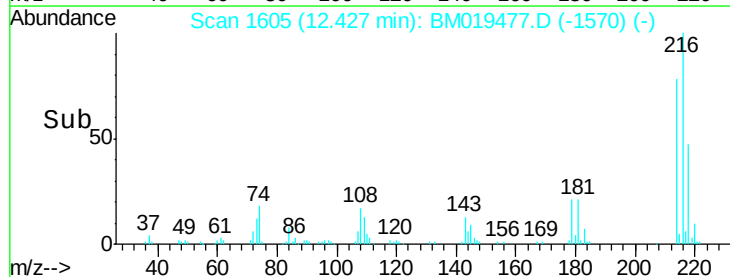
150000

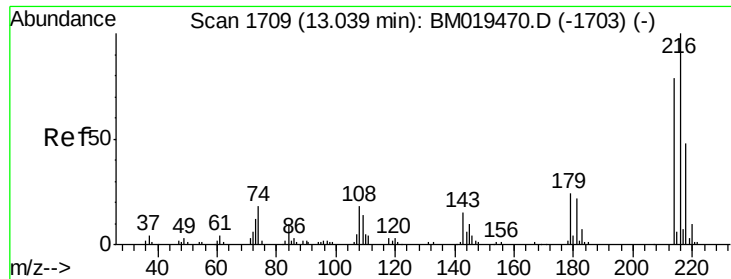
100000

50000

0

Time--> 12.40 12.45 12.50

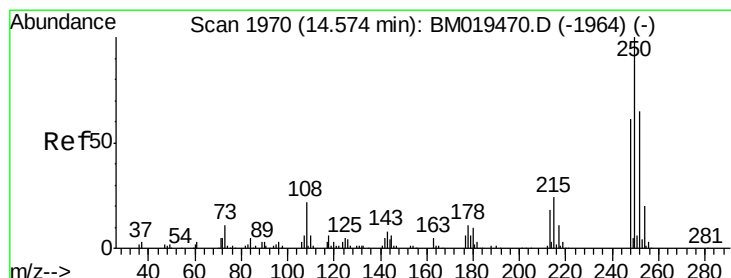
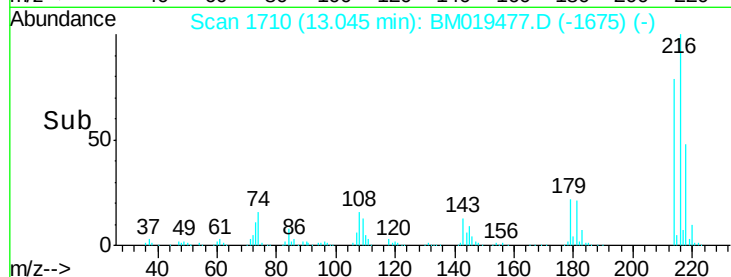
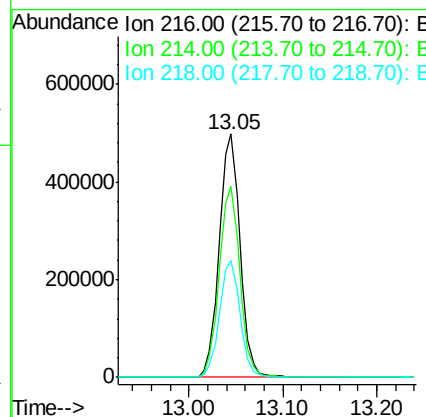
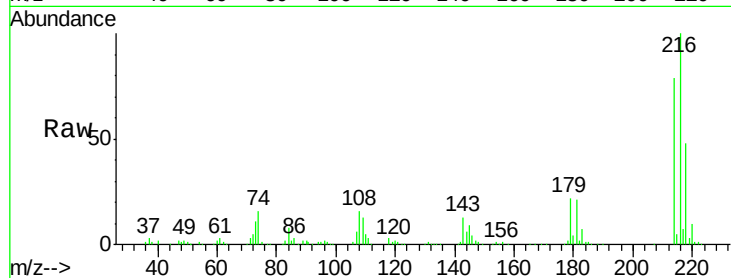




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 76.885 ng/uL
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BM019477.D
 Acq: 26 Mar 2019 19:15

Instrument :
 BNA_M
 ClientSampleId :
 C09D0

Tgt Ion:216 Resp: 776212
 Ion Ratio Lower Upper
 216 100
 214 78.7 64.1 96.1
 218 48.1 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 5.964 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BM019477.D
 Acq: 26 Mar 2019 19:15

Tgt Ion:250 Resp: 62985
 Ion Ratio Lower Upper
 250 100
 248 55.9 51.4 77.2
 252 62.2 49.8 74.6

