

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
 Data File : BM019358.D
 Acq On : 23 Mar 2019 18:47
 Operator : JU/SJ
 Sample : K1968-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A5

Quant Time: Mar 24 04:57:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	587486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	321946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	705020	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	739991	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	832367	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14994	4.03	ng/uL	0.00
5) Phenol-d5	6.79	99	73358	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	238446	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	230145	23.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	50377	5.17	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	131397	31.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	153011	32.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	253276	28.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	830	0.08	ng/ul	-0.15
44) Dimethylphthalate-d6	13.69	166	858058	33.03	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	839499	25.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	12337	3.03	ng/ul	0.03
58) Fluorene-d10	15.27	176	761486	34.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	123522	26.49	ng/ul	0.00
71) Anthracene-d10	17.13	188	1153166	34.08	ng/ul	0.00
79) Pyrene-d10	19.43	212	1247378	36.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1403801	31.81	ng/ul	-0.01

Target Compounds

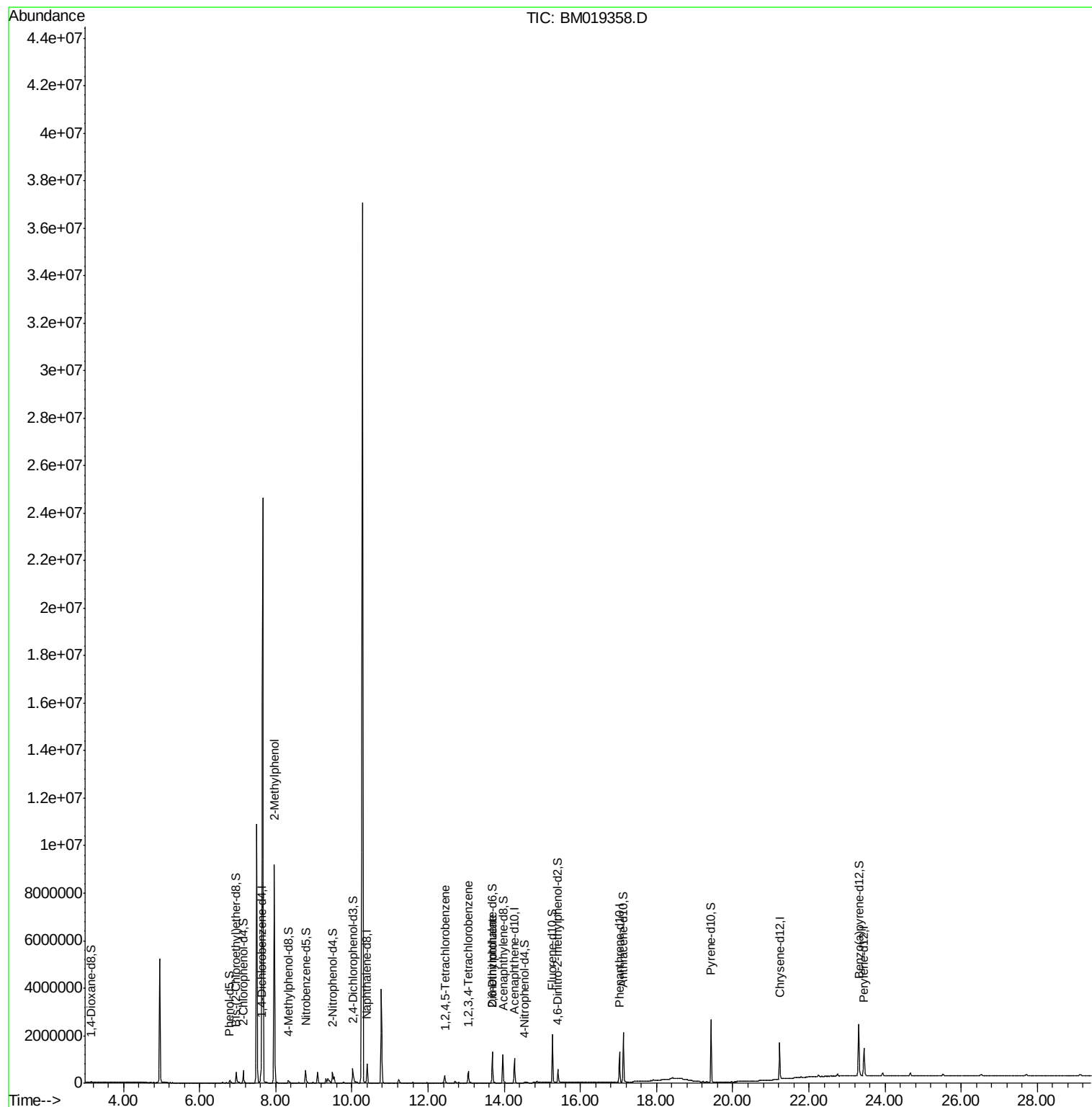
					Qvalue	
11) 2-Methylphenol	7.96	108	28096	2.973	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	118176	11.536	ng/ul#	94
46) 2,6-Dinitrotoluene	13.69	165	4921	1.028	ng/ul#	44
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	151136	14.786	ng/uL	98

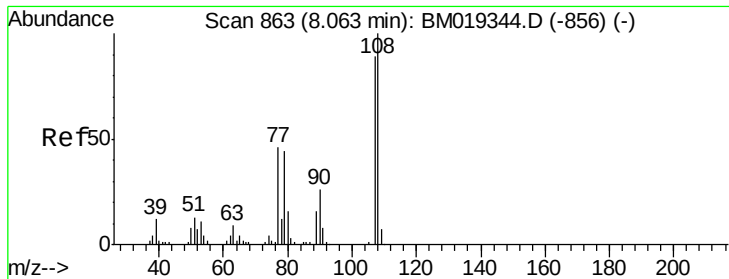
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 2.973 ng/ul

RT: 7.96 min Scan# 845

Delta R.T. -0.11 min

Lab File: BM019358.D

Acq: 23 Mar 2019 18:47

Instrument :

BNA_M

ClientSampleId :

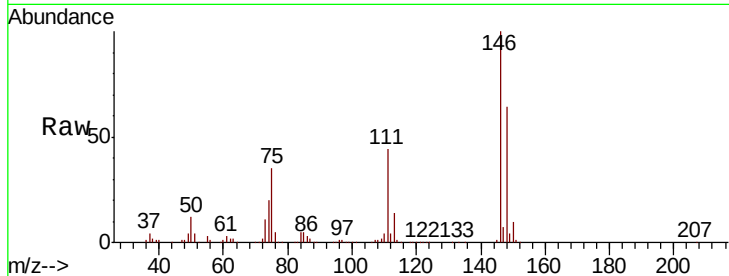
C09A5

Tgt Ion:108 Resp: 28096

Ion Ratio Lower Upper

108 100

107 87.4 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

20000

15000

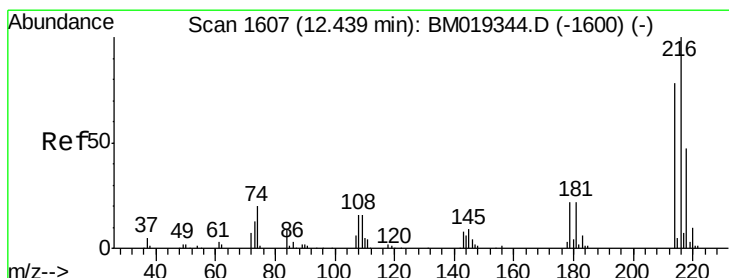
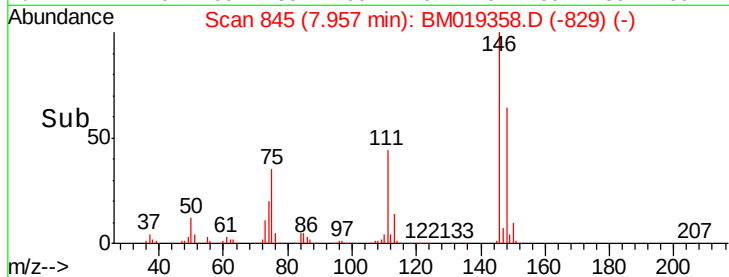
10000

5000

0

7.90 7.95 8.00

Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 11.536 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM019358.D

Acq: 23 Mar 2019 18:47

Tgt Ion:216 Resp: 118176

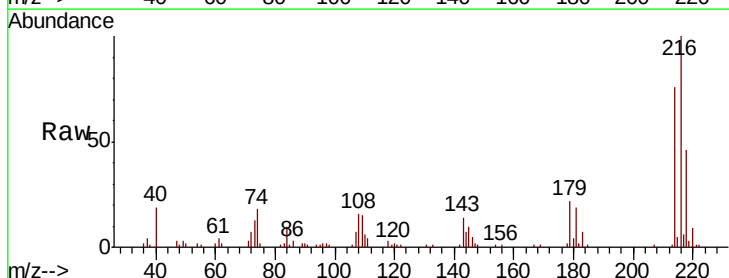
Ion Ratio Lower Upper

216 100

214 75.6 64.1 96.1

179 22.0 14.5 21.7#

108 16.5 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

100000

80000

60000

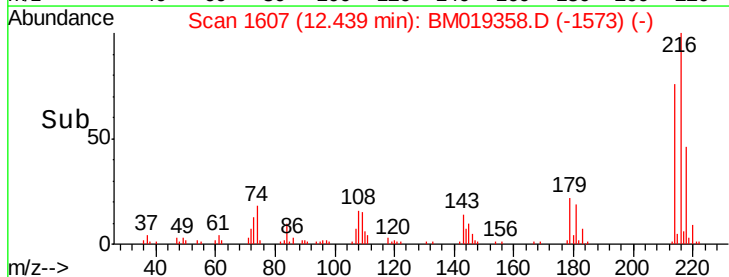
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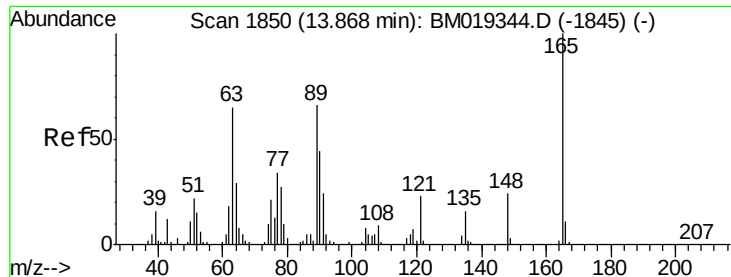
20000

0

12.30 12.40 12.50

Time-->

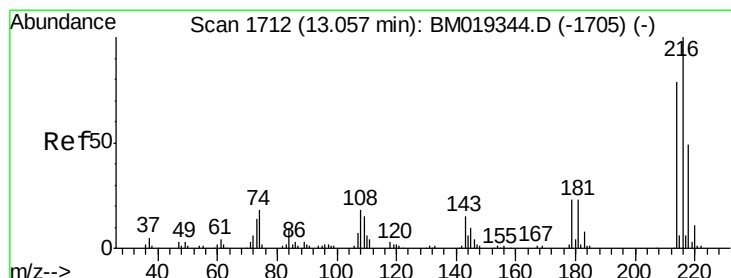
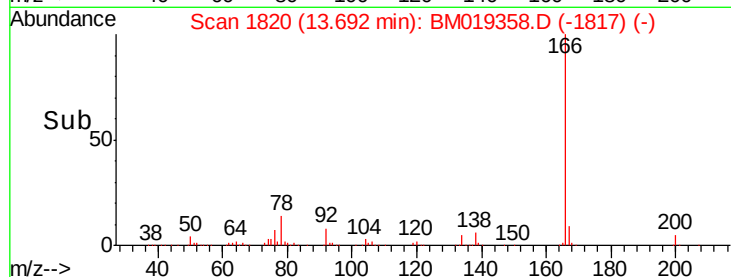
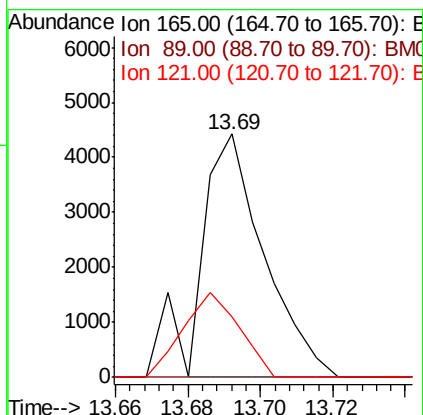
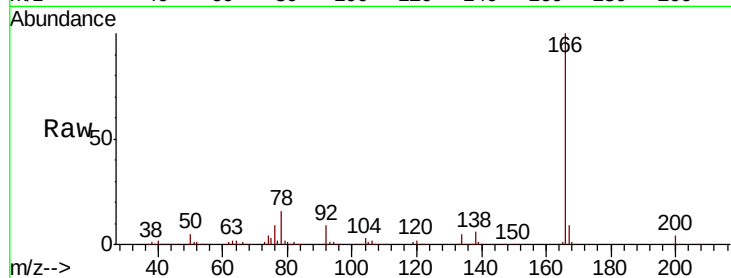




#46
 2,6-Dinitrotoluene
 Concen: 1.028 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.18 min
 Lab File: BM019358.D
 Acq: 23 Mar 2019 18:47

Instrument :
 BNA_M
 ClientSampleId :
 C09A5

Tgt Ion:165 Resp: 4921
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 24.6 17.8 26.6



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 14.786 ng/uL
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM019358.D
 Acq: 23 Mar 2019 18:47

Tgt Ion:216 Resp: 151136
 Ion Ratio Lower Upper
 216 100
 214 79.0 64.1 96.1
 218 47.4 39.4 59.0

