

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019563.D
 Acq On : 29 Mar 2019 04:39
 Operator : JU/SJ
 Sample : K2069-05DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D7DL

Quant Time: Mar 29 06:55:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 06:50:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	137003	20.00	ng/ul	0.01
18) Naphthalene-d8	10.36	136	517389	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	292682	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	652895	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	790733	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	994944	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	349	0.10	ng/uL	0.02
5) Phenol-d5	6.77	99	14179	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	42136	5.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	41382	4.48	ng/ul	0.01
13) 4-Methylphenol-d8	8.31	113	26357	2.88	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	22678	6.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	24708	6.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	41168	5.31	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	471	0.05	ng/ul	0.02
44) Dimethylphthalate-d6	13.66	166	152079	6.44	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	183558	6.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	946	0.26	ng/ul	0.08
58) Fluorene-d10	15.24	176	134883	6.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	14522	3.36	ng/ul	0.01
71) Anthracene-d10	17.10	188	202432	6.46	ng/ul	0.00
79) Pyrene-d10	19.40	212	237902	6.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	327867	6.22	ng/ul	0.00

Target Compounds

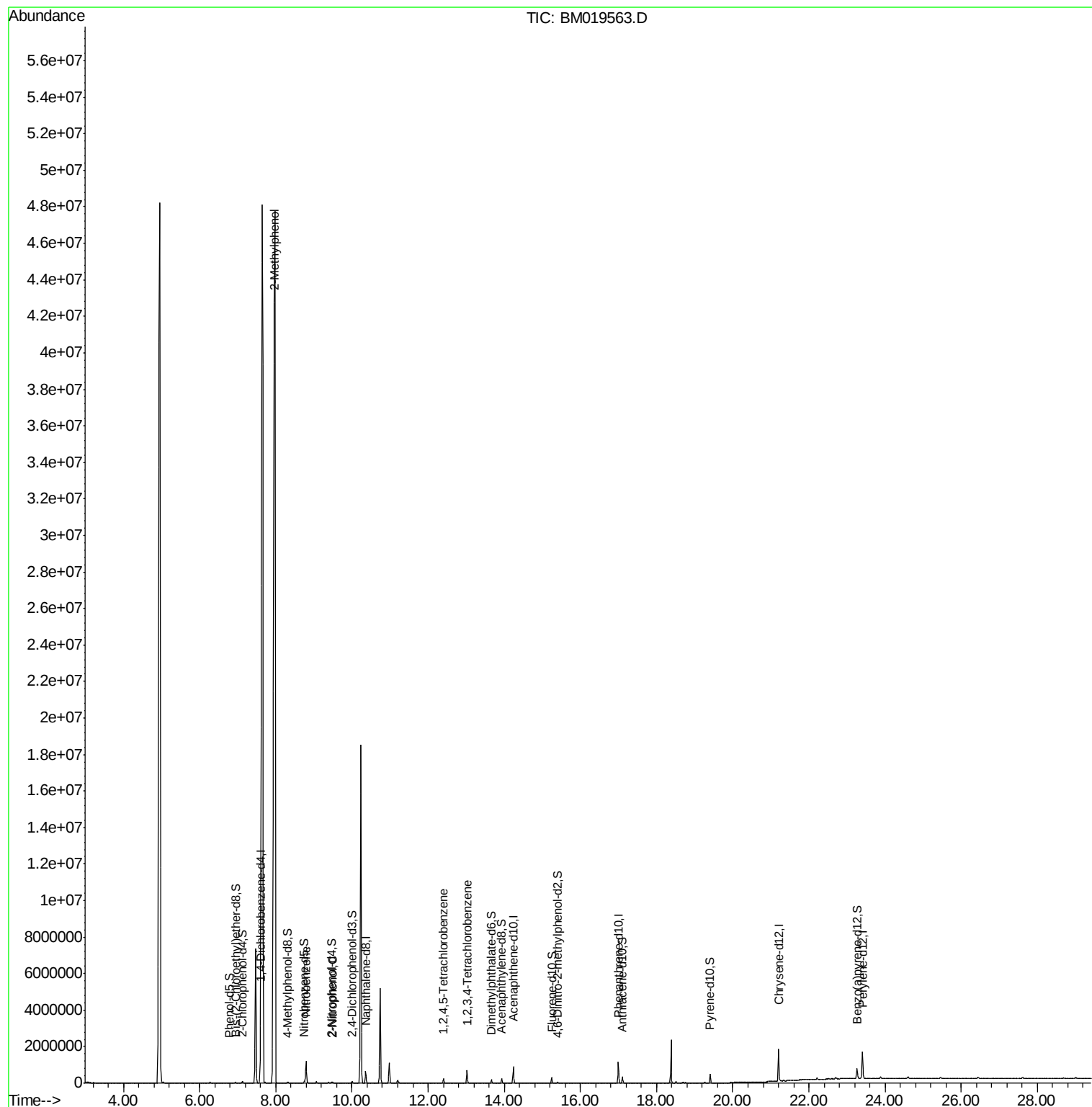
					Qvalue
11) 2-Methylphenol	7.97	108	282274	31.792 ng/ul	98
20) Nitrobenzene	8.79	77	764785	69.611 ng/ul	99
23) 2-Nitrophenol	9.50	139	7837	1.730 ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	74222	7.969 ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	204536	21.608 ng/uL	99

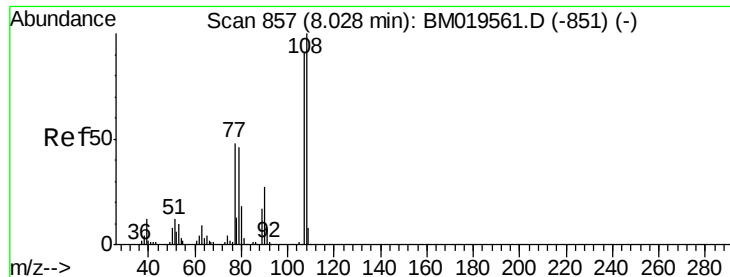
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 31.792 ng/ul

RT: 7.97 min Scan# 848

Delta R.T. -0.05 min

Lab File: BM019563.D

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Instrument :

BNA_M

ClientSampleId :

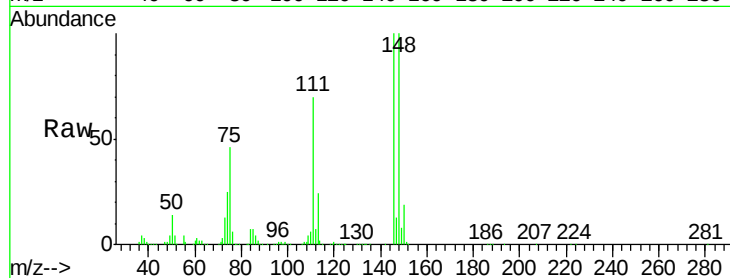
C09D7DL

Tgt Ion: 108 Resp: 282274

Ion Ratio Lower Upper

108 100

107 91.1 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

100000

80000

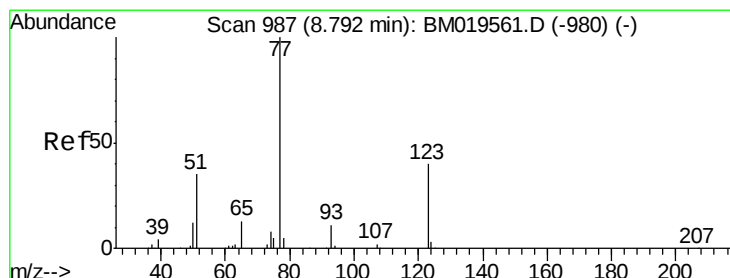
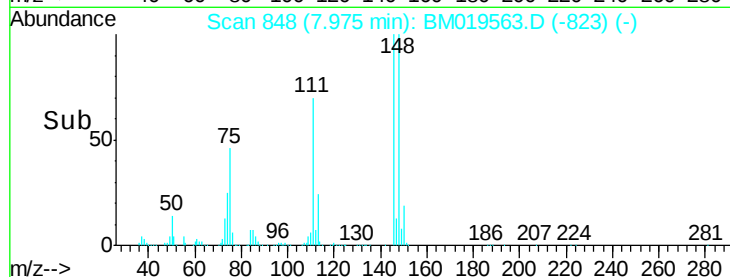
60000

40000

20000

0

Time--> 7.85 7.90 7.95 8.00



#20

Nitrobenzene

Concen: 69.611 ng/ul

RT: 8.79 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM019563.D

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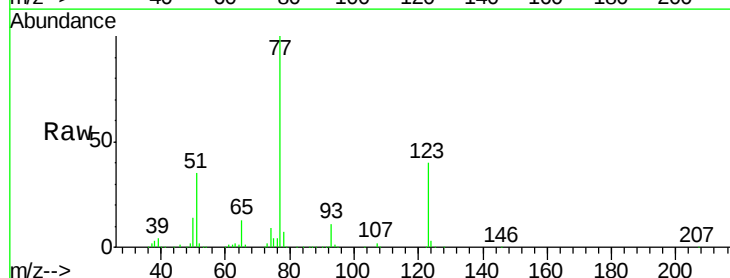
Tgt Ion: 77 Resp: 764785

Ion Ratio Lower Upper

77 100

123 40.2 31.8 47.8

65 13.1 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

8.79

600000

500000

400000

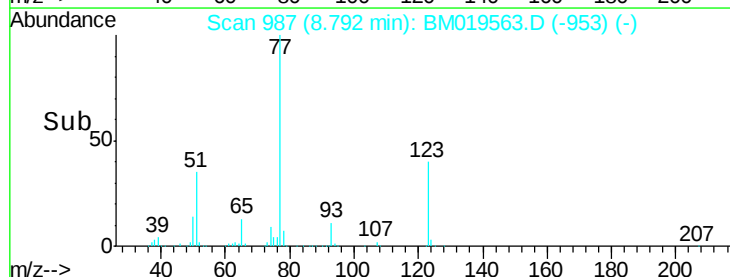
300000

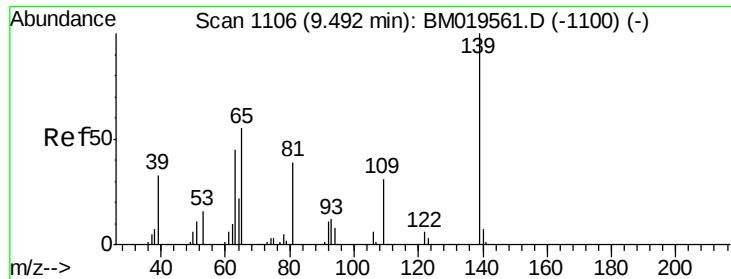
200000

100000

0

Time--> 8.70 8.80 8.90

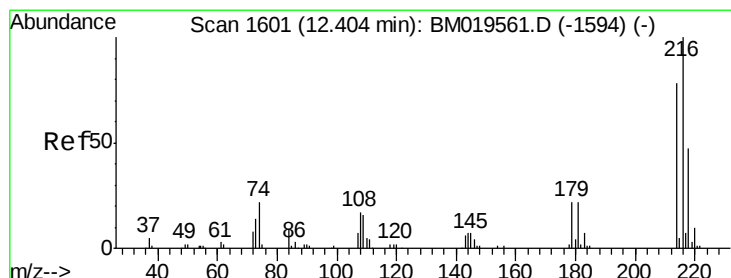
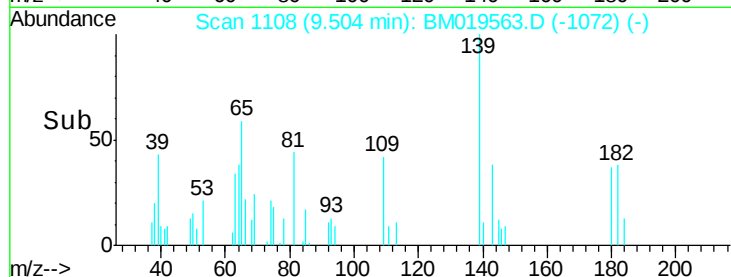
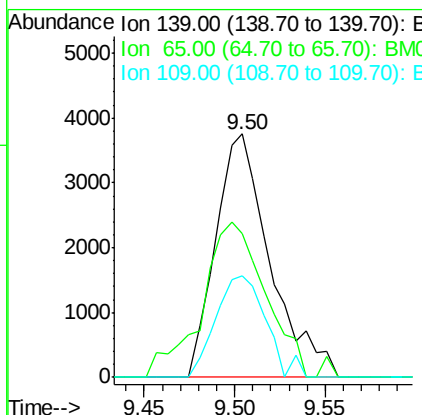
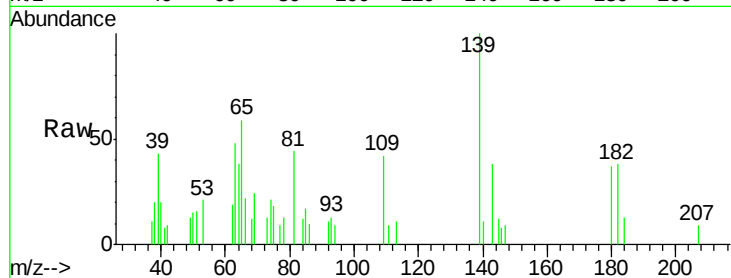




#23
 2-Nitrophenol
 Concen: 1.730 ng/ul
 RT: 9.50 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BM019563.D
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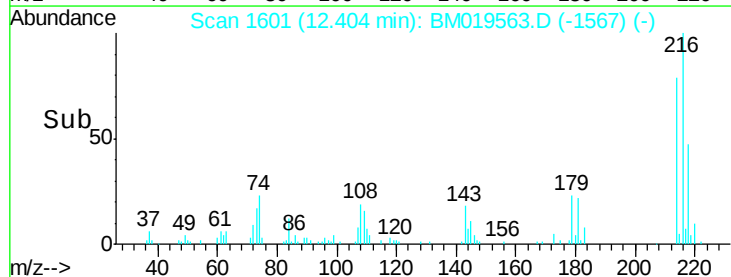
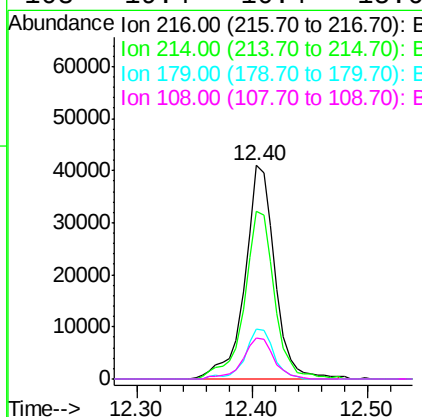
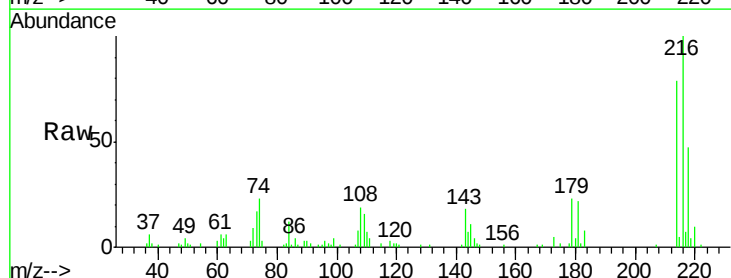
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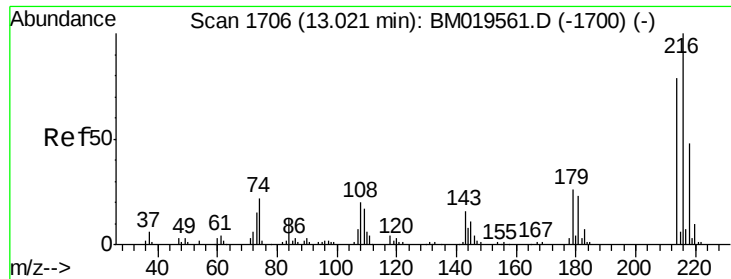
Tgt Ion:139 Resp: 7837
 Ion Ratio Lower Upper
 139 100
 65 58.8 45.3 67.9
 109 41.9 27.7 41.5#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.969 ng/ul
 RT: 12.40 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BM019563.D
 Acq: 29 Mar 2019 04:39

Tgt Ion:216 Resp: 74222
 Ion Ratio Lower Upper
 216 100
 214 78.7 64.1 96.1
 179 23.3 14.5 21.7#
 108 19.4 10.4 15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.608 ng/uL

RT: 13.03 min Scan# 1707

Delta R.T. 0.01 min

Lab File: BM019563.D

Acq: 29 Mar 2019 04:39

Instrument :

BNA_M

ClientSampleId :

C09D7DL

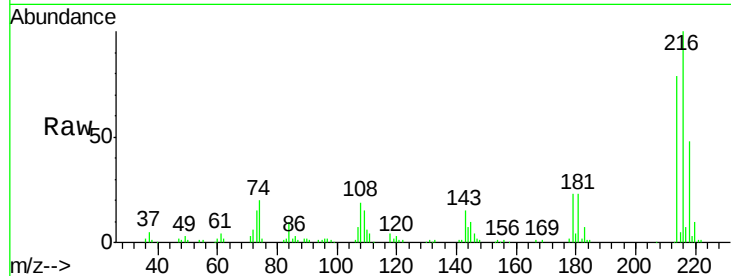
Tgt Ion: 216 Resp: 204536

Ion Ratio Lower Upper

216 100

214 79.0 64.1 96.1

218 48.4 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

