

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032219\
 Data File : BM019340.D
 Acq On : 23 Mar 2019 07:49
 Operator : JU/SJ
 Sample : K1968-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 23 23:39:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 23 23:32:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	141798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	587541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	345336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	773469	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	872744	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	981424	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14377	3.97	ng/uL	0.00
5) Phenol-d5	6.79	99	73257	5.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	244770	28.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	240685	25.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	143394	15.13	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	136461	32.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	159517	34.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	268364	30.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1496	0.14	ng/ul	0.03
44) Dimethylphthalate-d6	13.69	166	986456	35.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1218235	34.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	13911	3.18	ng/ul	0.02
58) Fluorene-d10	15.27	176	851172	35.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	152159	29.75	ng/ul	0.00
71) Anthracene-d10	17.13	188	1353026	36.45	ng/ul	0.00
79) Pyrene-d10	19.43	212	1501143	37.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1777356	34.16	ng/ul	-0.01

Target Compounds

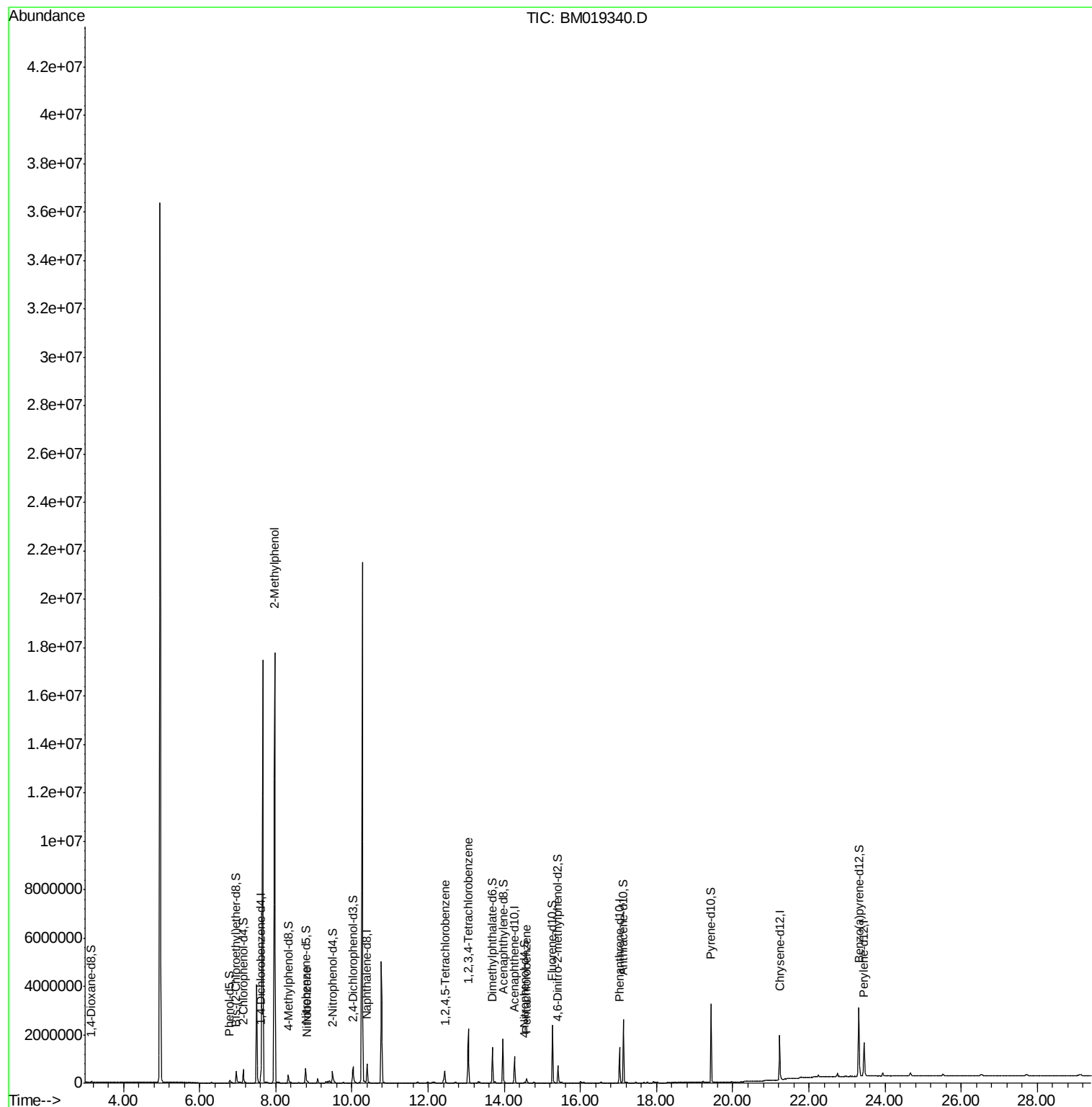
					Ovalue	
11) 2-Methylphenol	7.97	108	53662	5.839	ng/ul	94
20) Nitrobenzene	8.82	77	33628	2.695	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	151624	13.798	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	660527	58.903	ng/uL	98
74) Pentachlorobenzene	14.59	250	44373	3.783	ng/uL	98

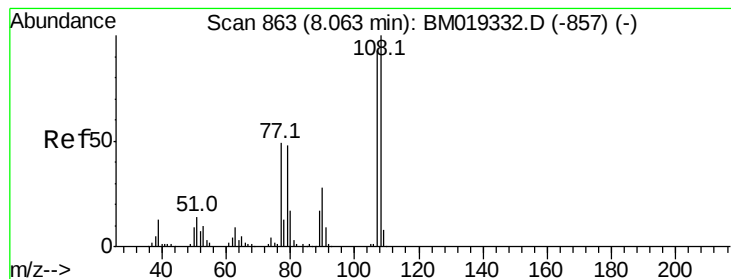
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 5.839 ng/ul

RT: 7.97 min Scan# 847

Delta R.T. -0.09 min

Lab File: BM019340.D

Acq: 23 Mar 2019 07:49

Instrument :

BNA_M

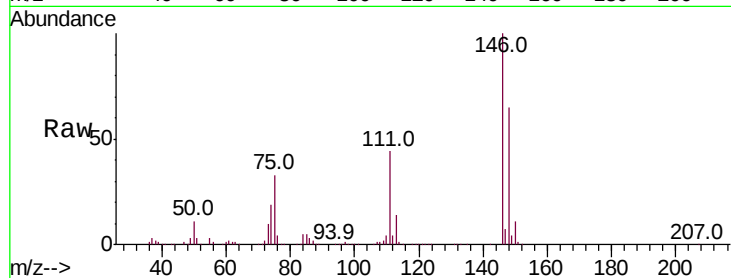
ClientSampleId :

Tot Ion:108 Resp: 53662

Ion Ratio Lower Upper

108 100

107 86.9 74.1 111.1

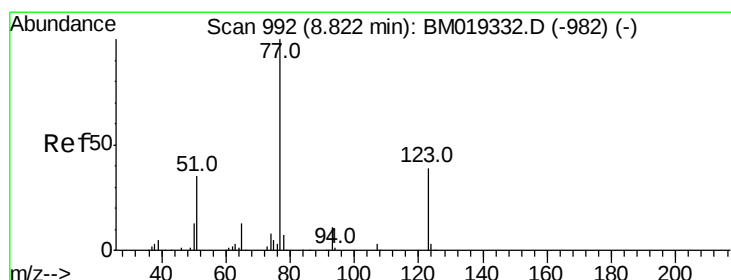
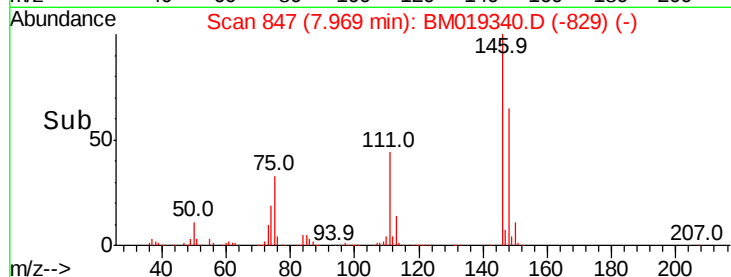


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.97

Time-->



#20

Nitrobenzene

Concen: 2.695 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM019340.D

Acq: 23 Mar 2019 07:49

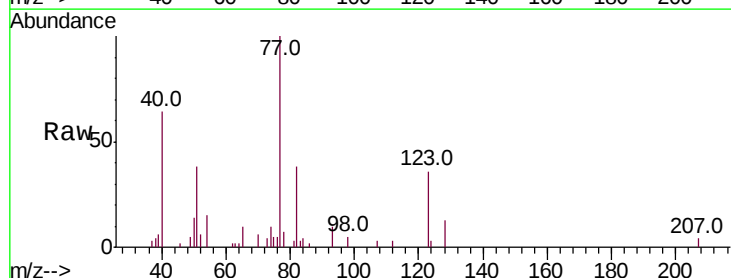
Tgt Ion: 77 Resp: 33628

Ion Ratio Lower Upper

77 100

123 36.2 31.8 47.8

65 10.3 10.6 16.0#



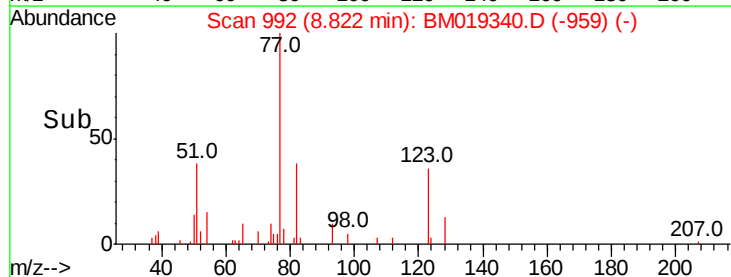
Abundance Ion 77.00 (76.70 to 77.70): BM0

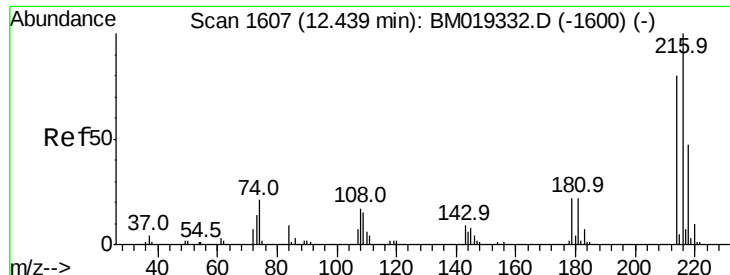
Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0

8.82

Time-->

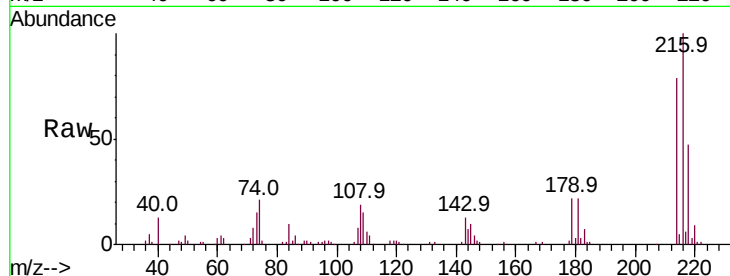




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.798 ng/uL
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BM019340.D
 Acq: 23 Mar 2019 07:49

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.1	96.1
179	21.8	14.5	21.7#
108	19.3	10.4	15.6#



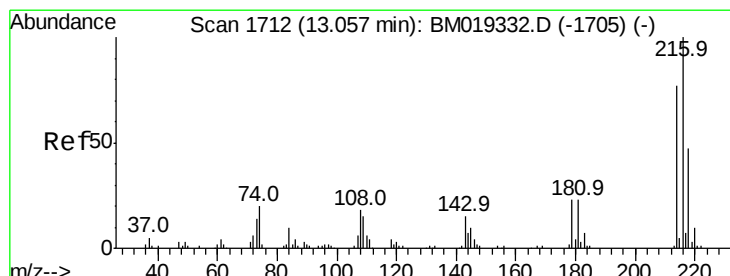
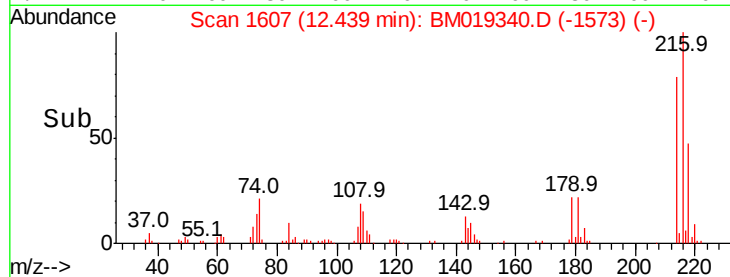
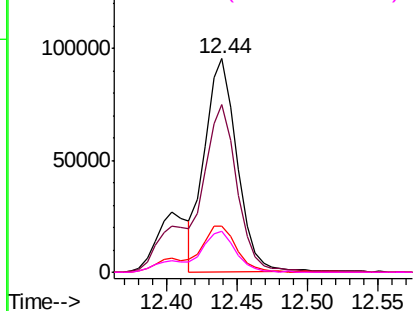
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

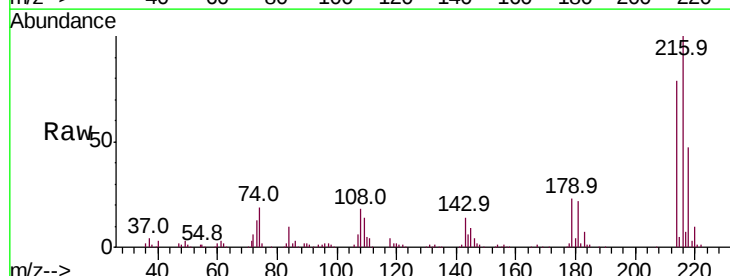
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 58.903 ng/uL
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM019340.D
 Acq: 23 Mar 2019 07:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.1	96.1
218	47.2	39.4	59.0

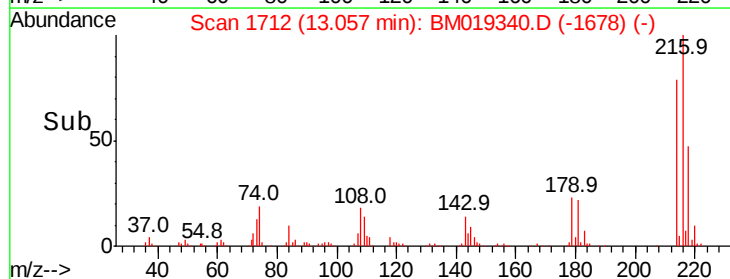
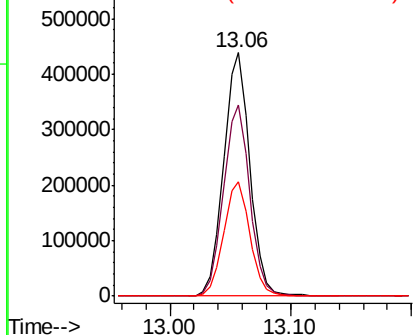


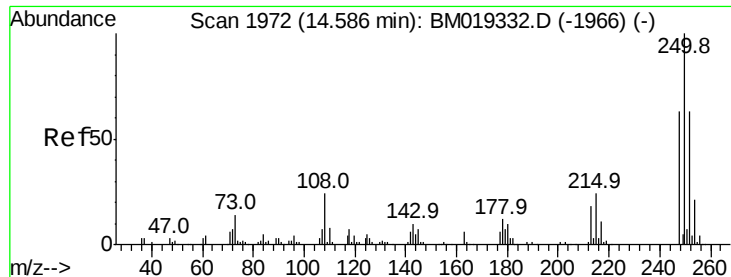
Abundance

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

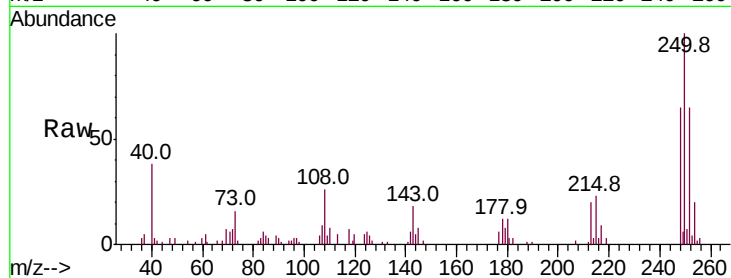




#74
 Pentachlorobenzene
 Concen: 3.783 ng/uL
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BM019340.D
 Acq: 23 Mar 2019 07:49

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
250	100		
248	64.7	51.4	77.2
252	65.3	49.8	74.6



Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

