

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010719\
 Data File : BM018445.D
 Acq On : 07 Jan 2019 15:38
 Operator : JU/SJ
 Sample : K1048-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0945

Quant Time: Jan 08 00:23:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 07 23:55:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	362477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1516945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	870864	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1976679	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2093052	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	2138081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	34081	4.38	ng/uL	0.00
5) Phenol-d5	6.94	99	170056	5.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	447990	27.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	579204	23.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	333070	14.37	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	345212	29.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	363241	30.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	639047	26.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	11806	0.64	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	2244293	30.03	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2719094	29.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	68640	5.32	ng/ul	0.01
57) Fluorene-d10	15.40	176	1895569	29.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	280897	25.95	ng/ul	0.00
70) Anthracene-d10	17.26	188	2926749	30.44	ng/ul	0.00
78) Pyrene-d10	19.56	212	3251449	30.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	3581646	30.81	ng/ul	0.00

Target Compounds

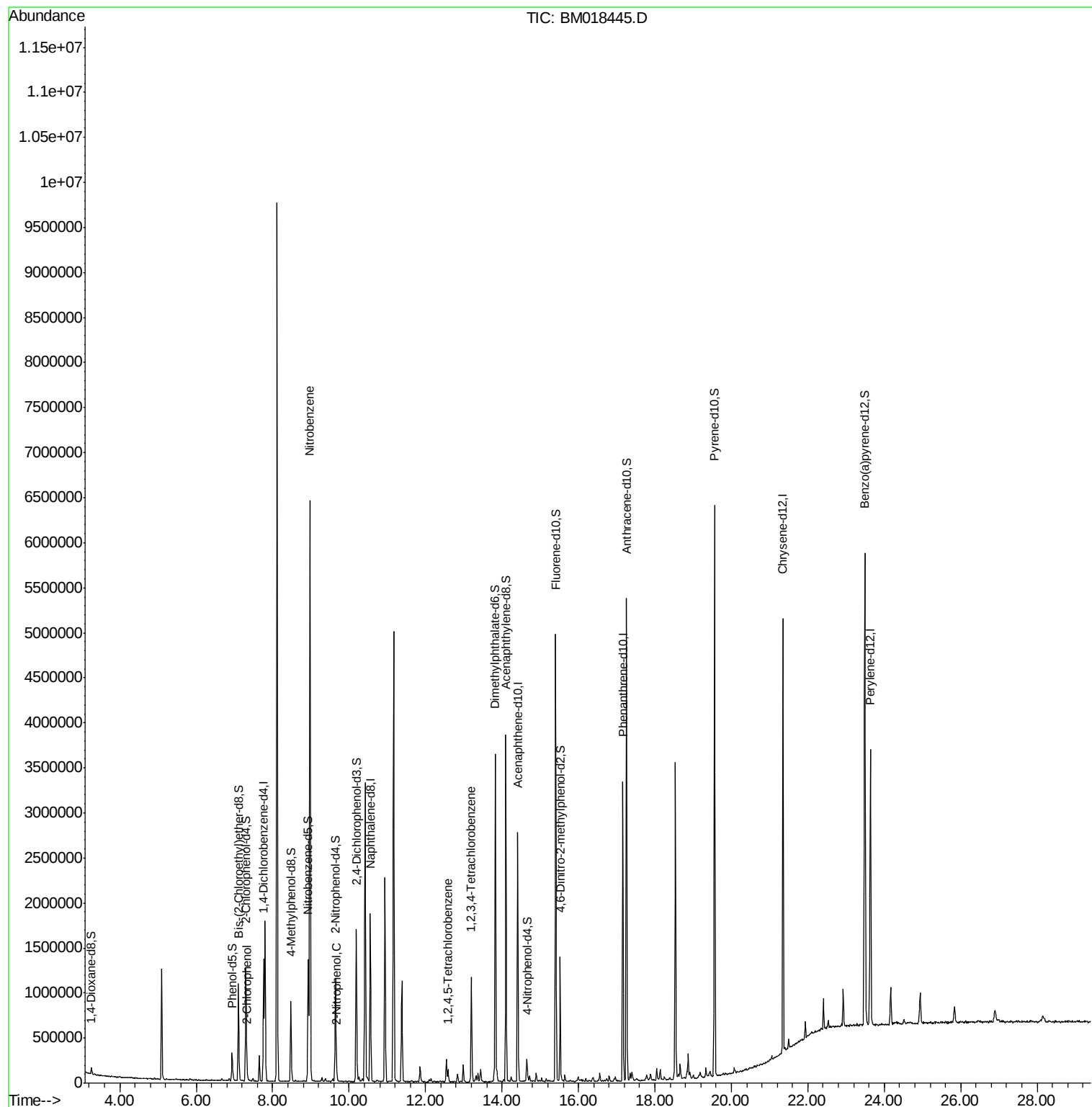
					Ovalue
10) 2-Chlorophenol	7.33	128	39363	1.586	ng/ul 97
20) Nitrobenzene	8.97	77	3255297	128.468	ng/ul 100
23) 2-Nitrophenol	9.68	139	30999	2.419	ng/ul 94
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	46361	1.567	ng/ul 94
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	326161	11.383	ng/uL 98

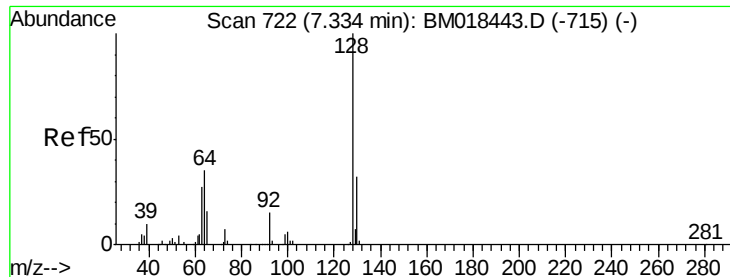
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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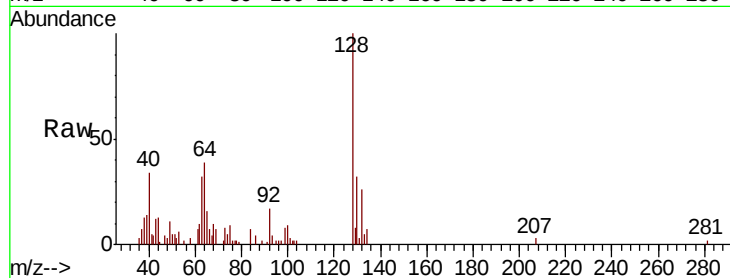




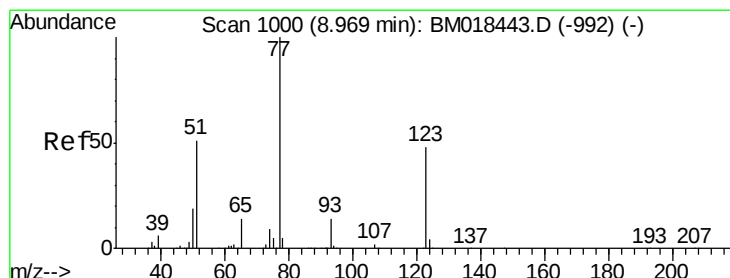
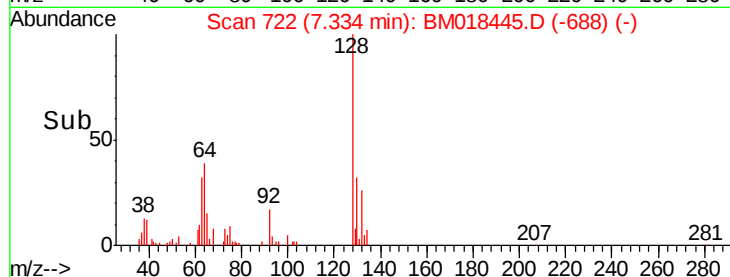
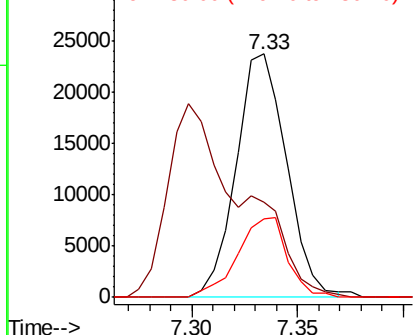
#10
2-Chlorophenol
Concen: 1.586 ng/ul
RT: 7.33 min Scan# 722
Delta R.T. 0.00 min
Lab File: BM018445.D
Acq: 07 Jan 2019 15:38

Instrument :
BNA_M
ClientSampleId :
C0945

Tot Ion	Ratio	Lower	Upper
128	100		
64	38.8	32.5	48.7
130	32.1	27.4	41.0

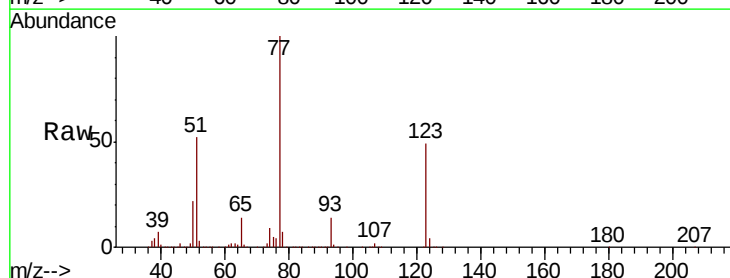


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

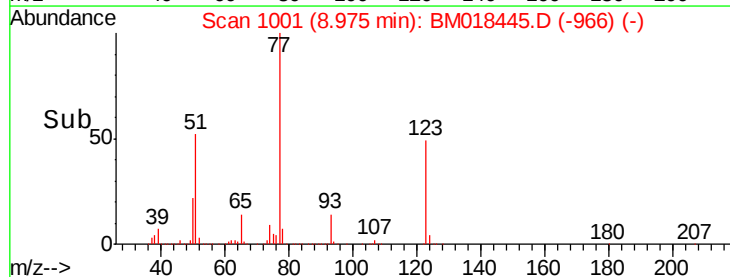
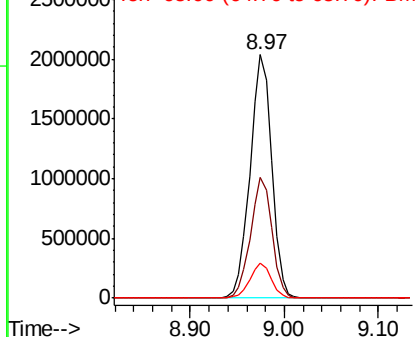


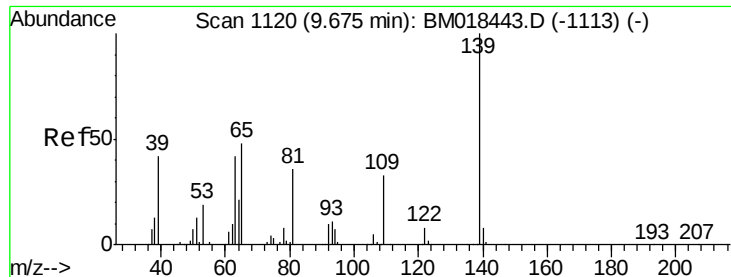
#20
Nitrobenzene
Concen: 128.468 ng/ul
RT: 8.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM018445.D
Acq: 07 Jan 2019 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	39.5	59.3
65	14.2	10.9	16.3



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

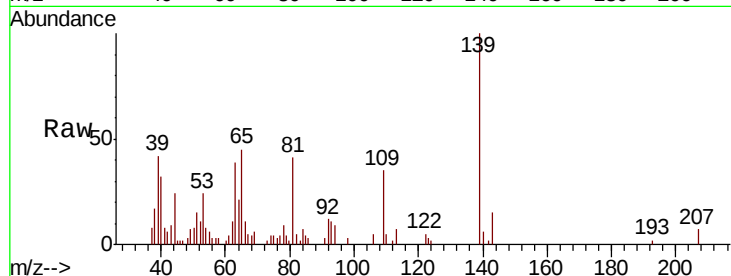




#23
 2-Nitrophenol
 Concen: 2.419 ng/ul
 RT: 9.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BM018445.D
 Acq: 07 Jan 2019 15:38

Instrument :
 BNA_M
 ClientSampled :
 C0945

Tot Ion	Ratio	Lower	Upper
139	100		
65	45.0	40.9	61.3
109	34.6	26.8	40.2

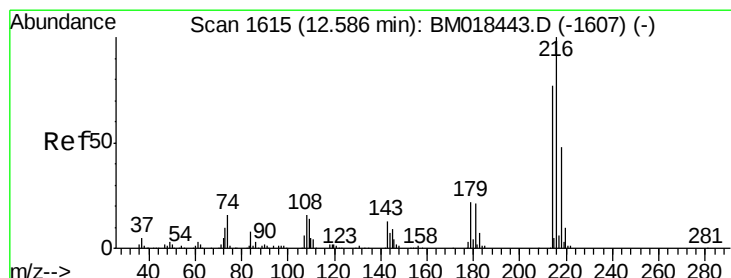
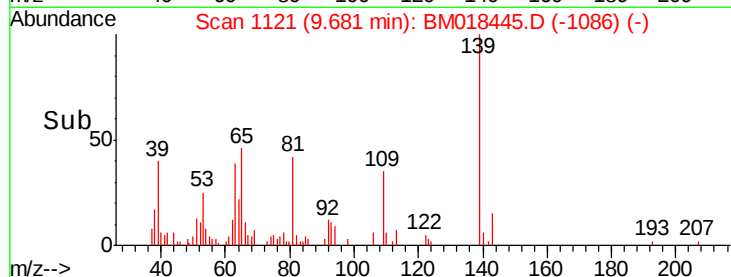
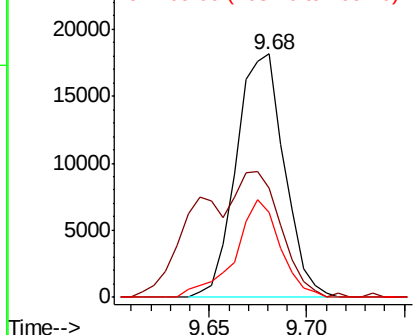


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 109.00 (108.70 to 109.70): E



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.567 ng/ul
 RT: 12.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BM018445.D
 Acq: 07 Jan 2019 15:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	85.2	64.3	96.5
179	20.0	18.8	28.2
108	19.8	13.4	20.2

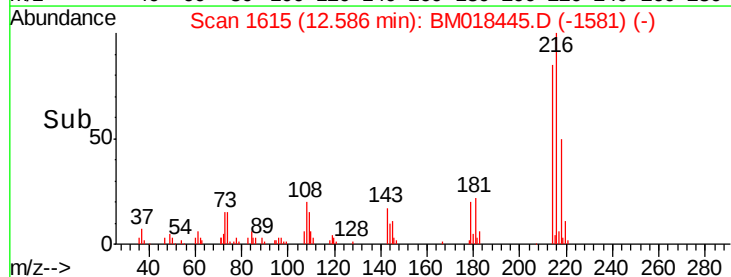
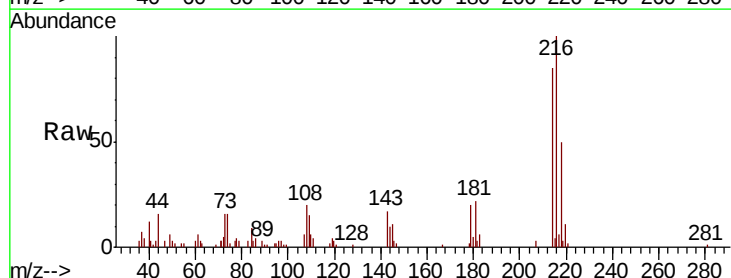
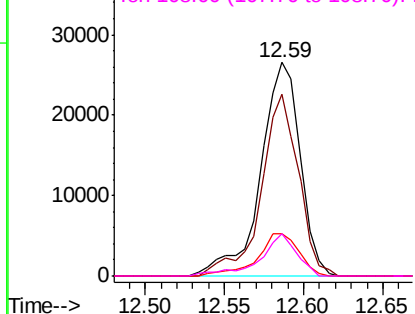
Abundance

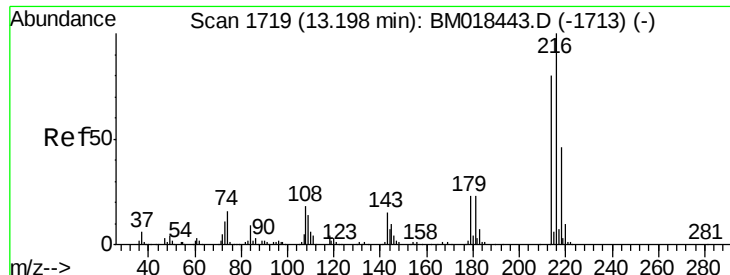
Ion 216.00 (215.70 to 216.70): E

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





#72

1,2,3,4-Tetrachlorobenzene

Concen: 11.383 ng/uL

RT: 13.20 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BM018445.D

Acq: 07 Jan 2019 15:38

Instrument :

BNA_M

ClientSampleId :

C0945

Tot Ion:216 Resp: 326161

Ion Ratio Lower Upper

216 100

214 78.5 62.3 93.5

218 45.8 38.5 57.7

