

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032219\
 Data File : BM019319.D
 Acq On : 22 Mar 2019 19:08
 Operator : JU/SJ
 Sample : K1968-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A9

Quant Time: Mar 23 00:18:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 22:31:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	120623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	511903	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	289427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	639554	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	714389	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	794251	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14332	4.65	ng/uL	0.00
5) Phenol-d5	6.80	99	83437	7.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	248192	34.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	244590	30.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	151935	18.84	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	138715	37.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	153663	37.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	260049	33.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	4276	0.46	ng/ul	0.02
44) Dimethylphthalate-d6	13.69	166	961475	41.17	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1161107	39.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	12247	3.35	ng/ul	0.02
58) Fluorene-d10	15.27	176	782546	38.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	135752	32.10	ng/ul	0.00
71) Anthracene-d10	17.13	188	1223106	39.85	ng/ul	0.00
79) Pyrene-d10	19.44	212	1360953	41.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1596640	37.92	ng/ul	0.00

Target Compounds

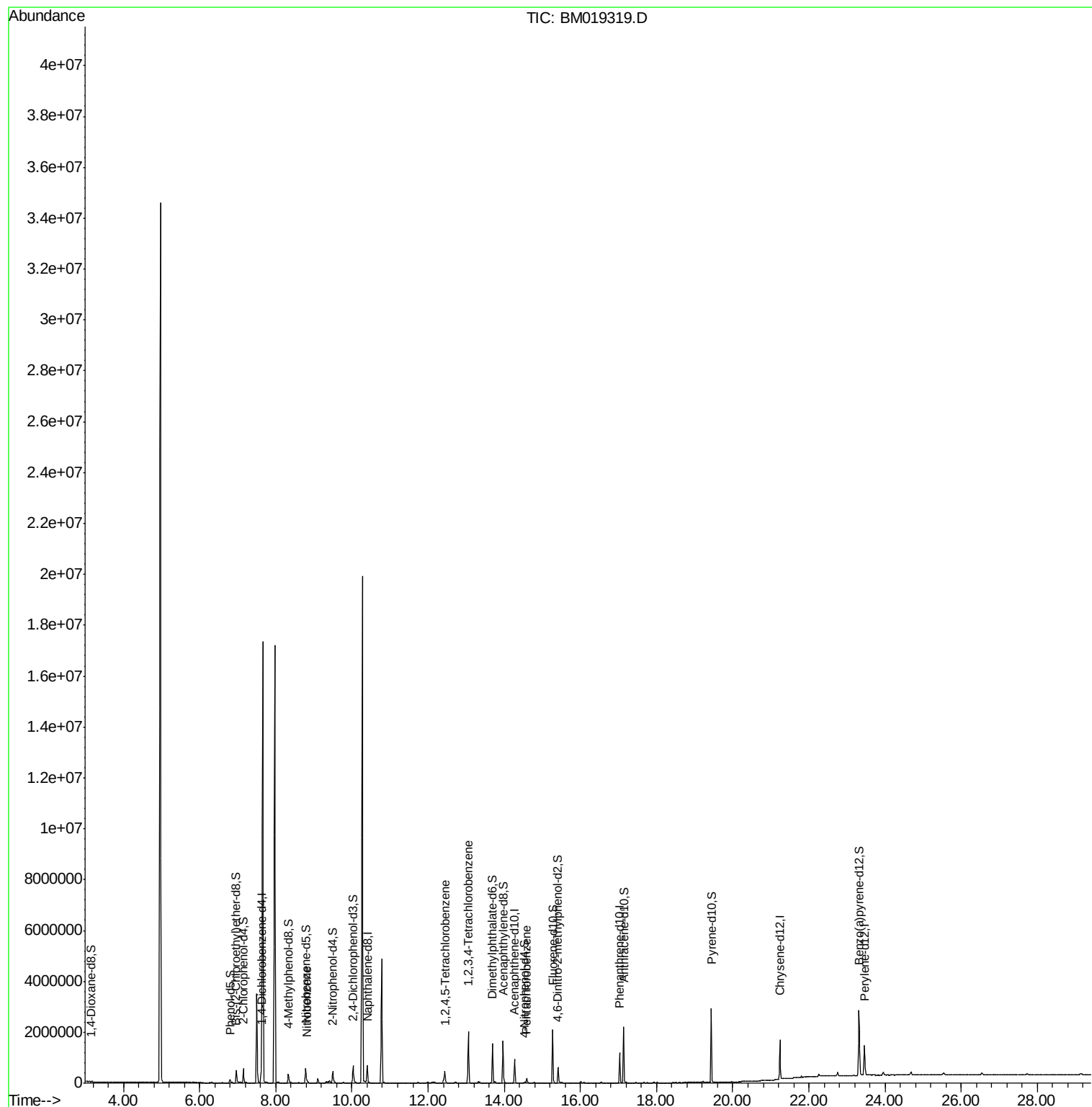
					Qvalue
20) Nitrobenzene	8.83	77	33451	3.077 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	136439	14.815 ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	582961	62.871 ng/uL	100
74) Pentachlorobenzene	14.59	250	40267	4.152 ng/uL	97

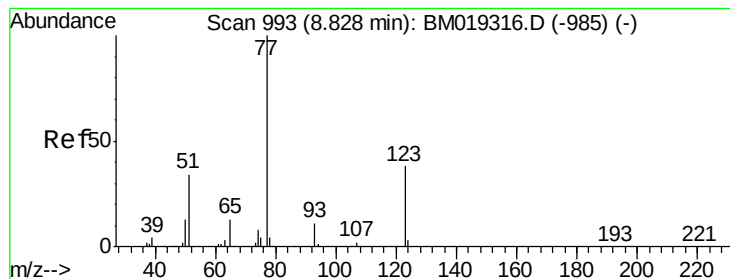
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 3.077 ng/ul

RT: 8.83 min Scan# 993

Delta R.T. 0.00 min

Lab File: BM019319.D

Acq: 22 Mar 2019 19:08

Instrument :

BNA_M

ClientSampleId :

C09A9

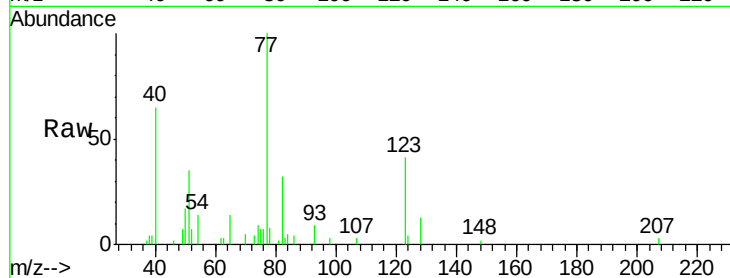
Tgt Ion: 77 Resp: 33451

Ion Ratio Lower Upper

77 100

123 41.0 31.8 47.8

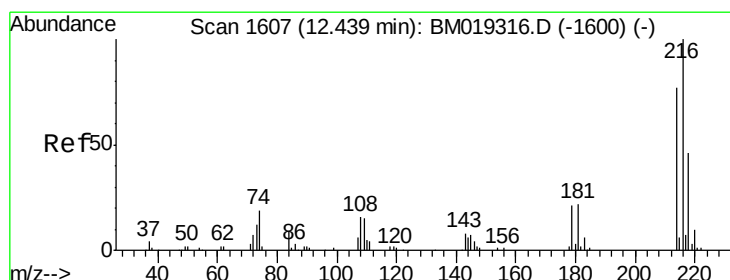
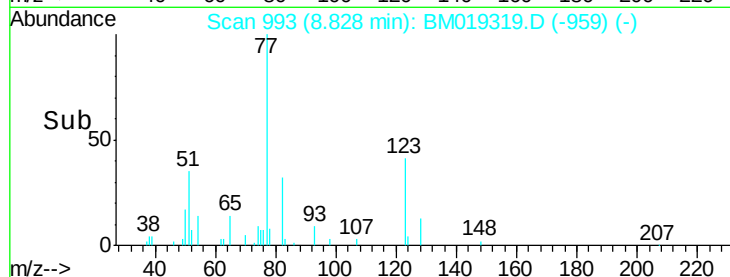
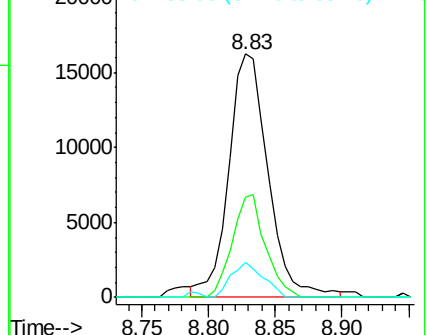
65 14.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM019319.D (-959) (-)

Ion 123.00 (122.70 to 123.70): BM019319.D (-959) (-)

Ion 65.00 (64.70 to 65.70): BM019319.D (-959) (-)



#37

1,2,4,5-Tetrachlorobenzene

Concen: 14.815 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM019319.D

Acq: 22 Mar 2019 19:08

Tgt Ion: 216 Resp: 136439

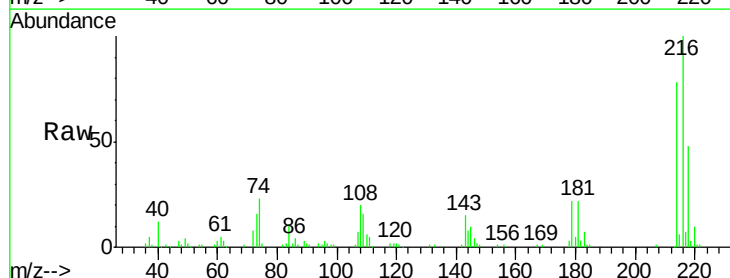
Ion Ratio Lower Upper

216 100

214 77.8 64.1 96.1

179 22.1 14.5 21.7#

108 19.6 10.4 15.6#

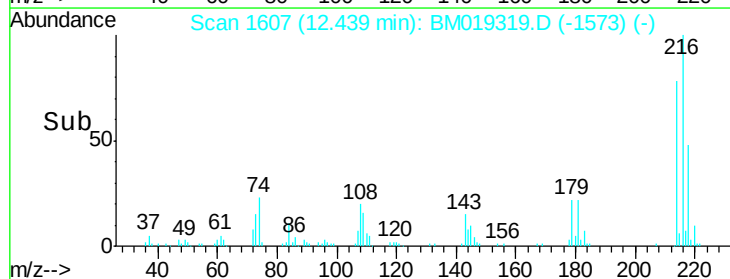
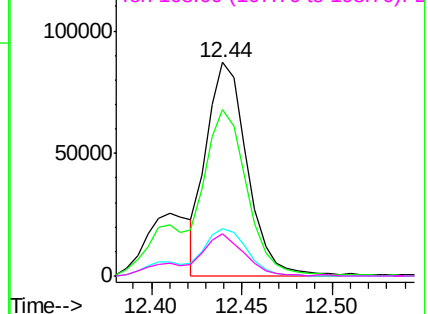


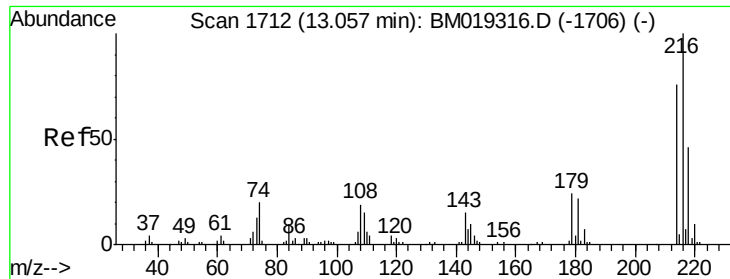
Abundance Ion 216.00 (215.70 to 216.70): BM019319.D (-1573) (-)

Ion 214.00 (213.70 to 214.70): BM019319.D (-1573) (-)

Ion 179.00 (178.70 to 179.70): BM019319.D (-1573) (-)

Ion 108.00 (107.70 to 108.70): BM019319.D (-1573) (-)

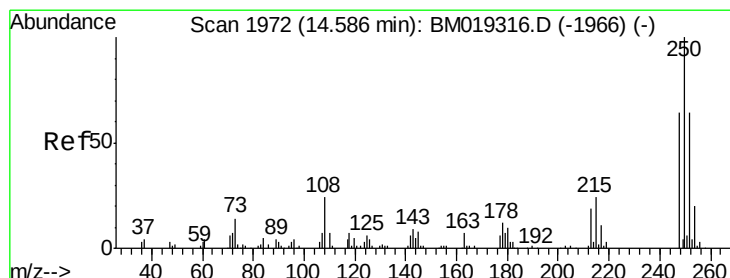
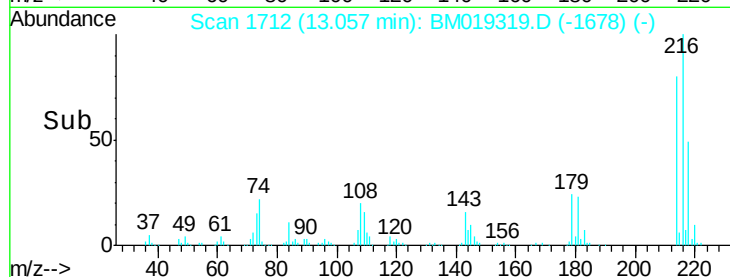
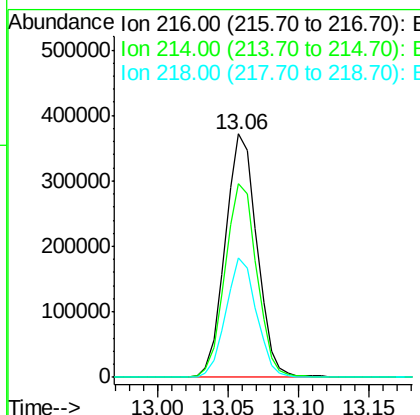
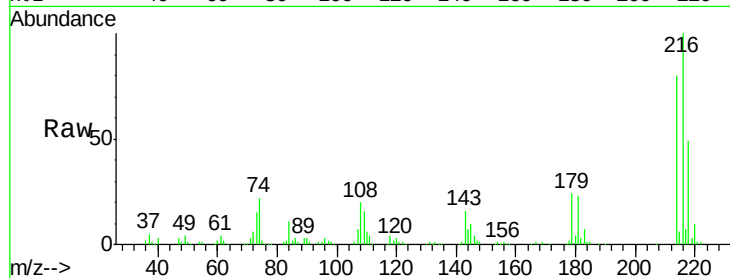




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 62.871 ng/uL
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM019319.D
 Acq: 22 Mar 2019 19:08

Instrument :
 BNA_M
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Tgt Ion: 216 Resp: 582961
 Ion Ratio Lower Upper
 216 100
 214 79.7 64.1 96.1
 218 49.1 39.4 59.0



#74
 Pentachlorobenzene
 Concen: 4.152 ng/uL
 RT: 14.59 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: BM019319.D
 Acq: 22 Mar 2019 19:08

Tgt Ion: 250 Resp: 40267
 Ion Ratio Lower Upper
 250 100
 248 59.8 51.4 77.2
 252 62.3 49.8 74.6

