

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019520.D
 Acq On : 28 Mar 2019 00:26
 Operator : JU/SJ
 Sample : K2069-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D4

Manual Integrations
 APPROVED

Sohil
 3/28/2019 3:18:36 PM

Quant Time: Mar 28 06:56:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 05:07:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	105866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	402324	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.25	164	223302	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	489404	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	578564	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	733494	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9021	3.34	ng/uL	-0.01
5) Phenol-d5	6.77	99	56830	6.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	172930	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	168522	23.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	105482	14.91	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	100038	34.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	114263	35.77	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	179543	29.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	18056	2.49	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	648965	36.02	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	793351	35.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.56	143	16576m	5.87	ng/ul	0.06
58) Fluorene-d10	15.25	176	537931	34.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	93803	28.98	ng/ul	0.00
71) Anthracene-d10	17.10	188	890291	37.91	ng/ul	-0.01
79) Pyrene-d10	19.41	212	996141	37.28	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.28	264	1374783	35.35	ng/ul	-0.01

Target Compounds

					Qvalue
20) Nitrobenzene	8.80	77	441598	51.690 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	196453	27.648 ng/ul#	93
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	273760	38.582 ng/uL	98
74) Pentachlorobenzene	14.57	250	14570	1.963 ng/uL	97

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

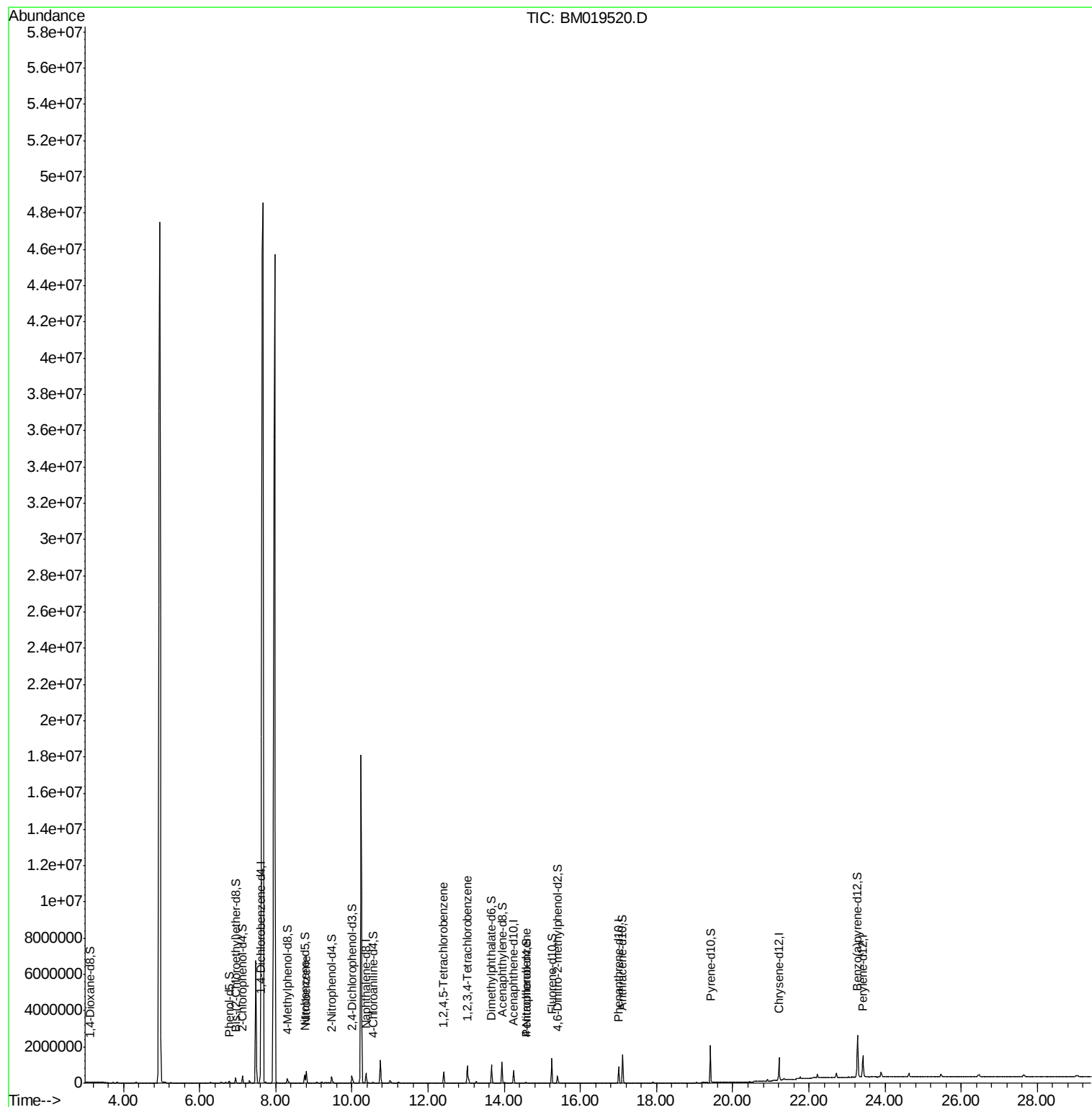
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
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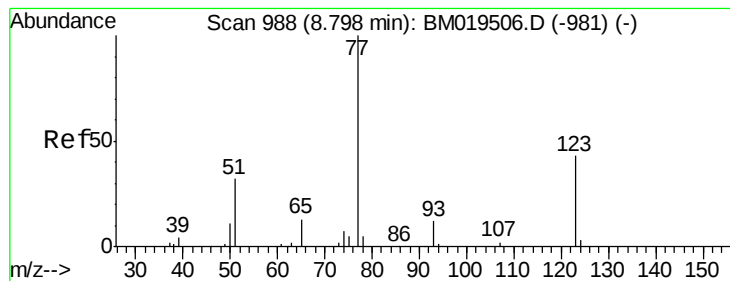
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#20

Nitrobenzene

Concen: 51.690 ng/ul

RT: 8.80 min Scan# 988

Delta R.T. -0.01 min

Lab File: BM019520.D

Acq: 28 Mar 2019 00:26

Instrument :

BNA_M

ClientSampleId :

C09D4

Tgt Ion: 77 Resp: 441598
Ion Ratio Lower Upper

77 100

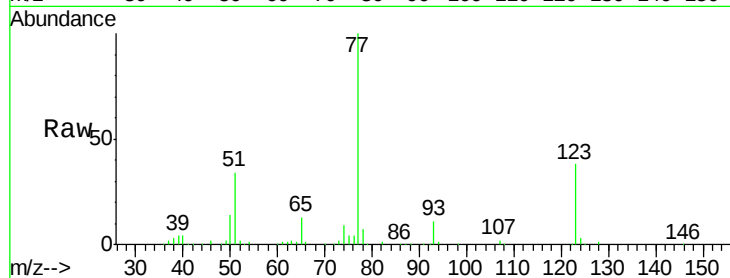
123 38.4 31.8 47.8

65 13.4 10.6 16.0

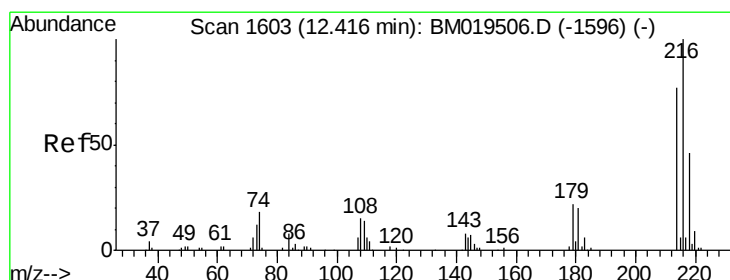
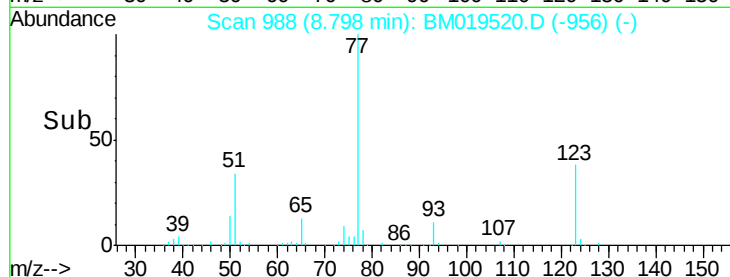
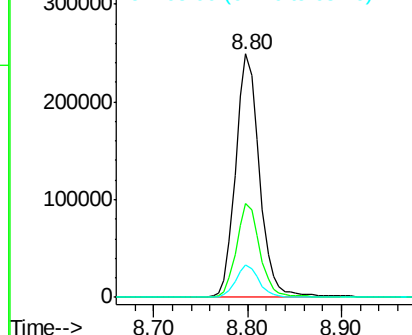
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Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BM



#37

1,2,4,5-Tetrachlorobenzene

Concen: 27.648 ng/ul

RT: 12.42 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM019520.D

Acq: 28 Mar 2019 00:26

Tgt Ion: 216 Resp: 196453
Ion Ratio Lower Upper

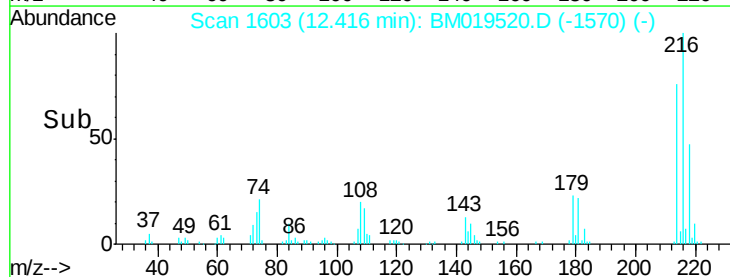
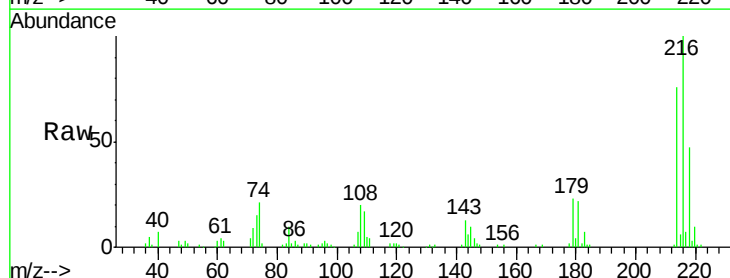
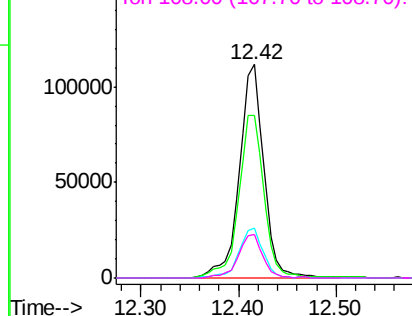
216 100

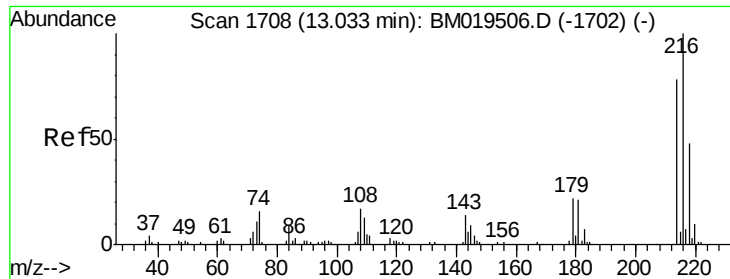
214 76.1 64.1 96.1

179 23.5 14.5 21.7#

108 20.3 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





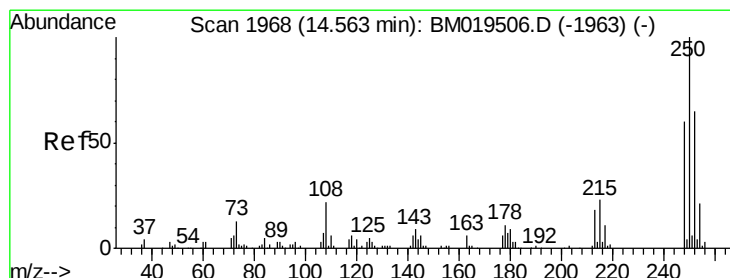
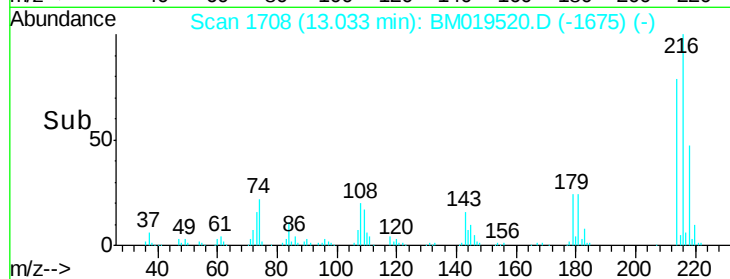
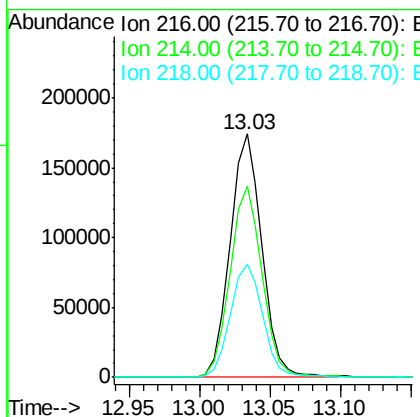
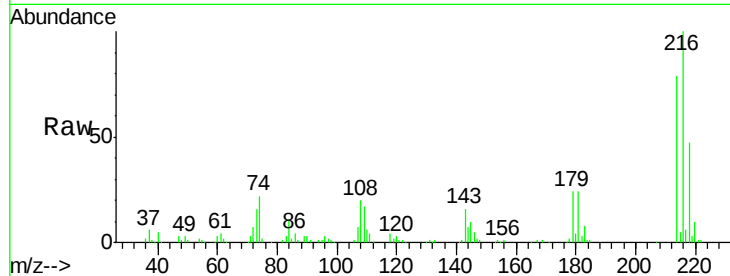
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 38.582 ng/uL
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM019520.D
 Acq: 28 Mar 2019 00:26

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	273760		
214	78.7	64.1	96.1	
218	46.6	39.4	59.0	

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#74
 Pentachlorobenzene
 Concen: 1.963 ng/uL
 RT: 14.57 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BM019520.D
 Acq: 28 Mar 2019 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	14570		
248	64.0	51.4	77.2	
252	67.0	49.8	74.6	

