Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
Data File : BM019534.D
Acq On : 28 Mar 2019 08:56
Operator : JU/SJ
Sample : K2069-10DL2 200X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09C9DL2

Quant Time: Mar 28 09:52:38 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	7.58	152	85748	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.36	136	379728	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.25	164	215179	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	471585	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	568967	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	739975	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.37	131	149	0.02	ng/ul	-0.17
44) Dimethylphthalate-d6	13.72	166	1502	0.09	ng/ul	0.05
47) Acenaphthylene-d8	13.95	160	2989	0.14	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.29	176	3097	0.21	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	19.43	212	3050	0.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	6036	0.15	ng/ul	-0.01
Target Compounds						Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	210894	30.800	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	1018083	148.905	ng/uL	99
74) Pentachlorobenzene	14.56	250	120122	16.797	ng/uL	98

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

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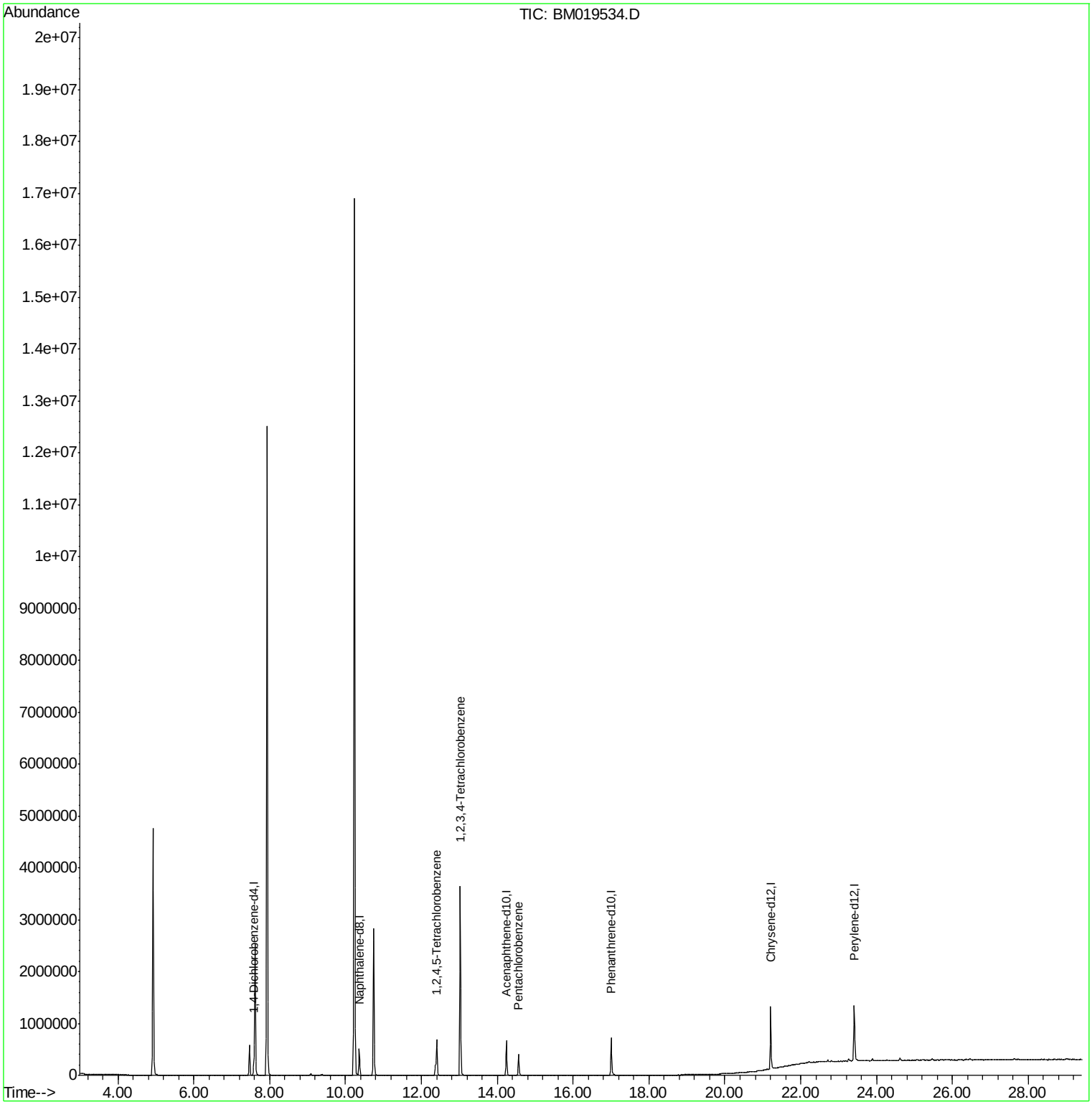
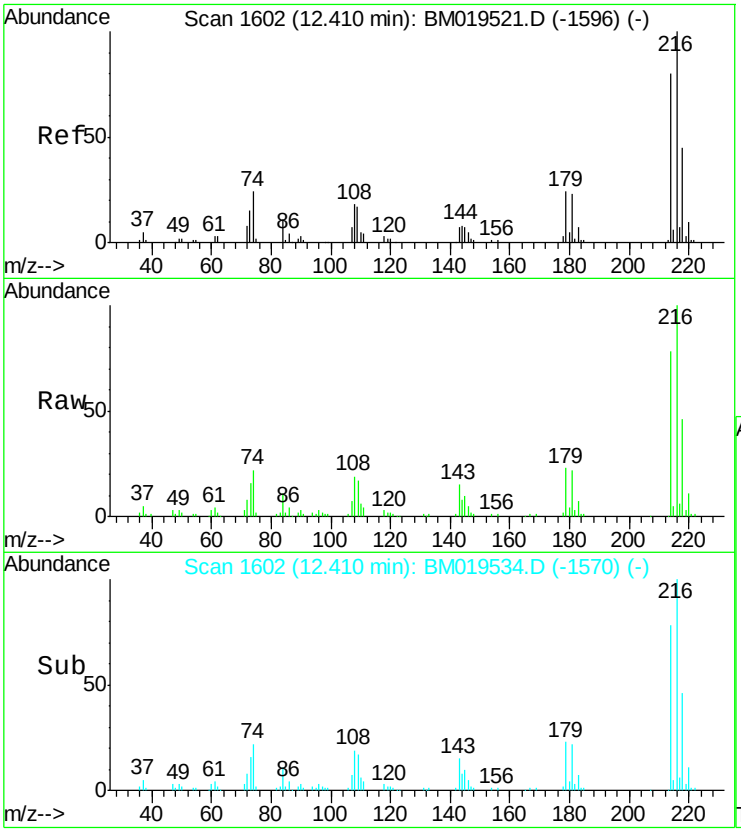


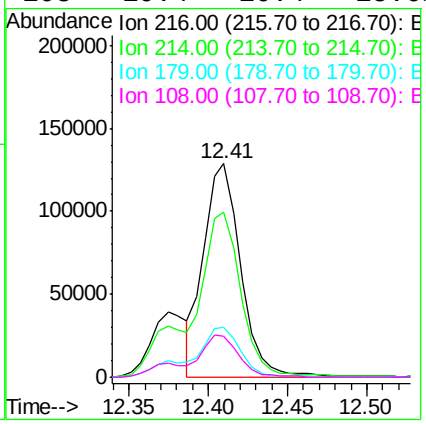


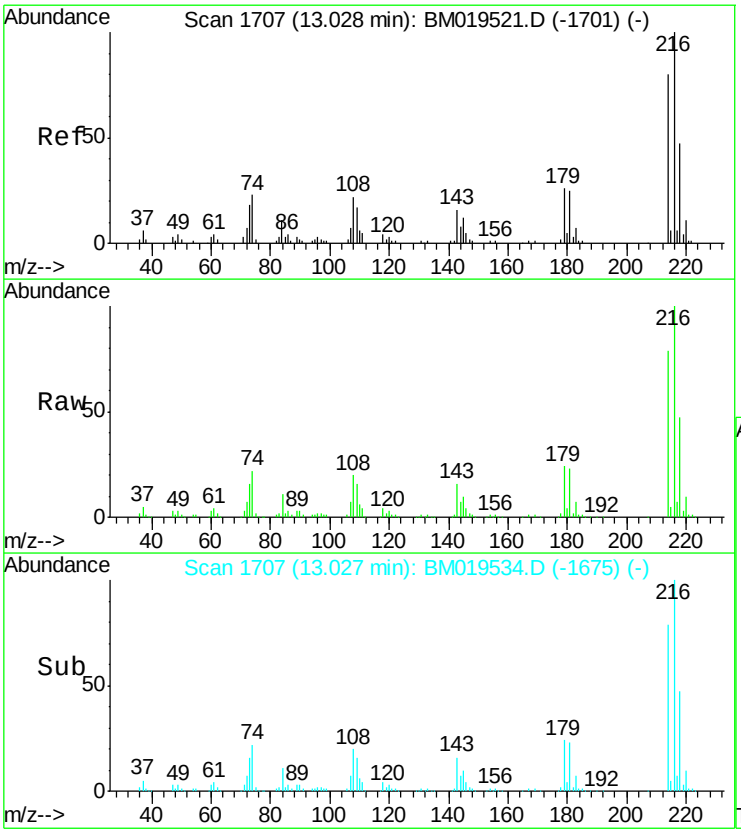
#37
1,2,4,5-Tetrachlorobenzene
Concen: 30.800 ng/ul
RT: 12.41 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BM019534.D
Acq: 28 Mar 2019 08:56

Instrument :
BNA_M
ClientSampleId :
C09C9DL2

Tgt Ion:216 Resp: 210894

Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.1	96.1
179	23.4	14.5	21.7#
108	19.4	10.4	15.6#

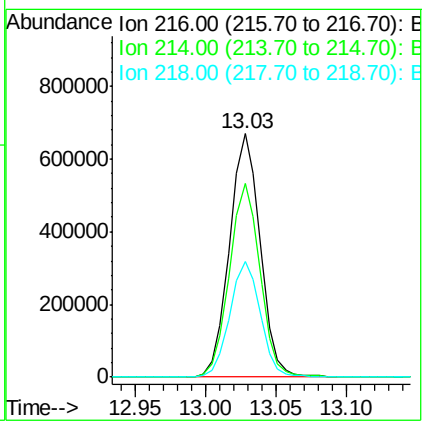


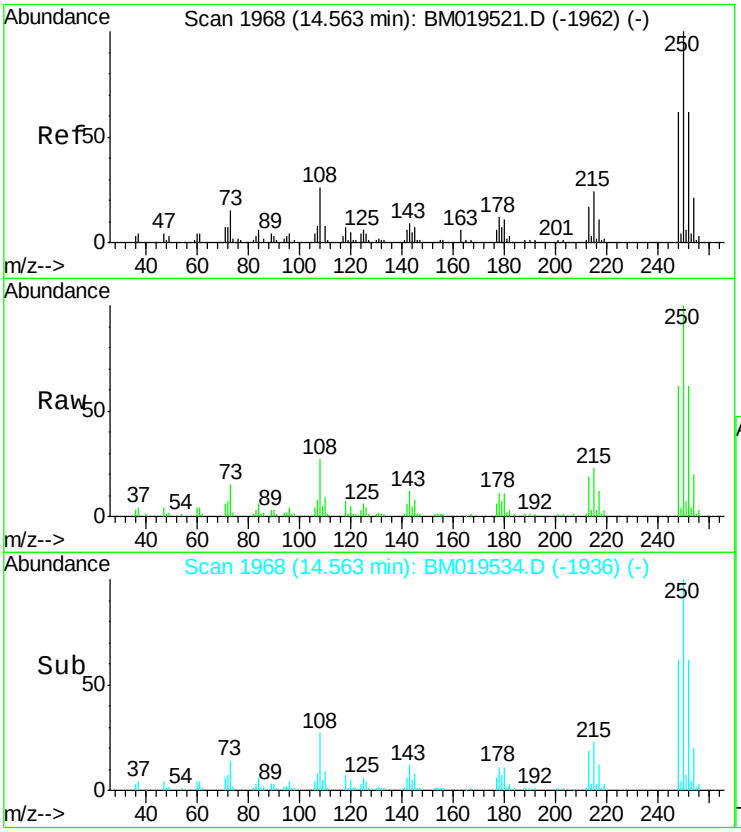


#73
1,2,3,4-Tetrachlorobenzene
Concen: 148.905 ng/uL
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM019534.D
Acq: 28 Mar 2019 08:56

Tgt Ion:216 Resp: 1018083

Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
218	47.4	39.4	59.0





#74
Pentachlorobenzene
Concen: 16.797 ng/uL
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM019534.D
Acq: 28 Mar 2019 08:56

Instrument :
BNA_M
ClientSampleId :
C09C9DL2

Tgt Ion:250 Resp: 120122

Ion	Ratio	Lower	Upper
250	100		
248	61.5	51.4	77.2
252	62.4	49.8	74.6