

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032619\
 Data File : BM019477.D
 Acq On : 26 Mar 2019 19:15
 Operator : JU/SJ
 Sample : K2069-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D0

Manual Integrations
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Quant Time: Mar 27 04:05:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 27 03:30:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	162743	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	636740	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	341628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	696344	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	700757	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	781696	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14507	3.49	ng/uL	0.00
5) Phenol-d5	6.78	99	89867	6.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	239865	24.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	254207	23.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	155785	14.32	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	140335	30.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	160214	31.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	274777	28.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	4664	0.41	ng/ul	0.05
44) Dimethylphthalate-d6	13.68	166	838223	30.41	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1063194	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	21065m	4.88	ng/ul	0.07
58) Fluorene-d10	15.26	176	732325	30.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	104404	22.67	ng/ul	0.00
71) Anthracene-d10	17.12	188	1080169	32.32	ng/ul	0.00
79) Pyrene-d10	19.42	212	1129494	34.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1248337	30.12	ng/ul	0.00

Target Compounds

					Qvalue	
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	224012	20.607	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	776212	76.885	ng/uL	98
74) Pentachlorobenzene	14.57	250	62985	5.964	ng/uL	95

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

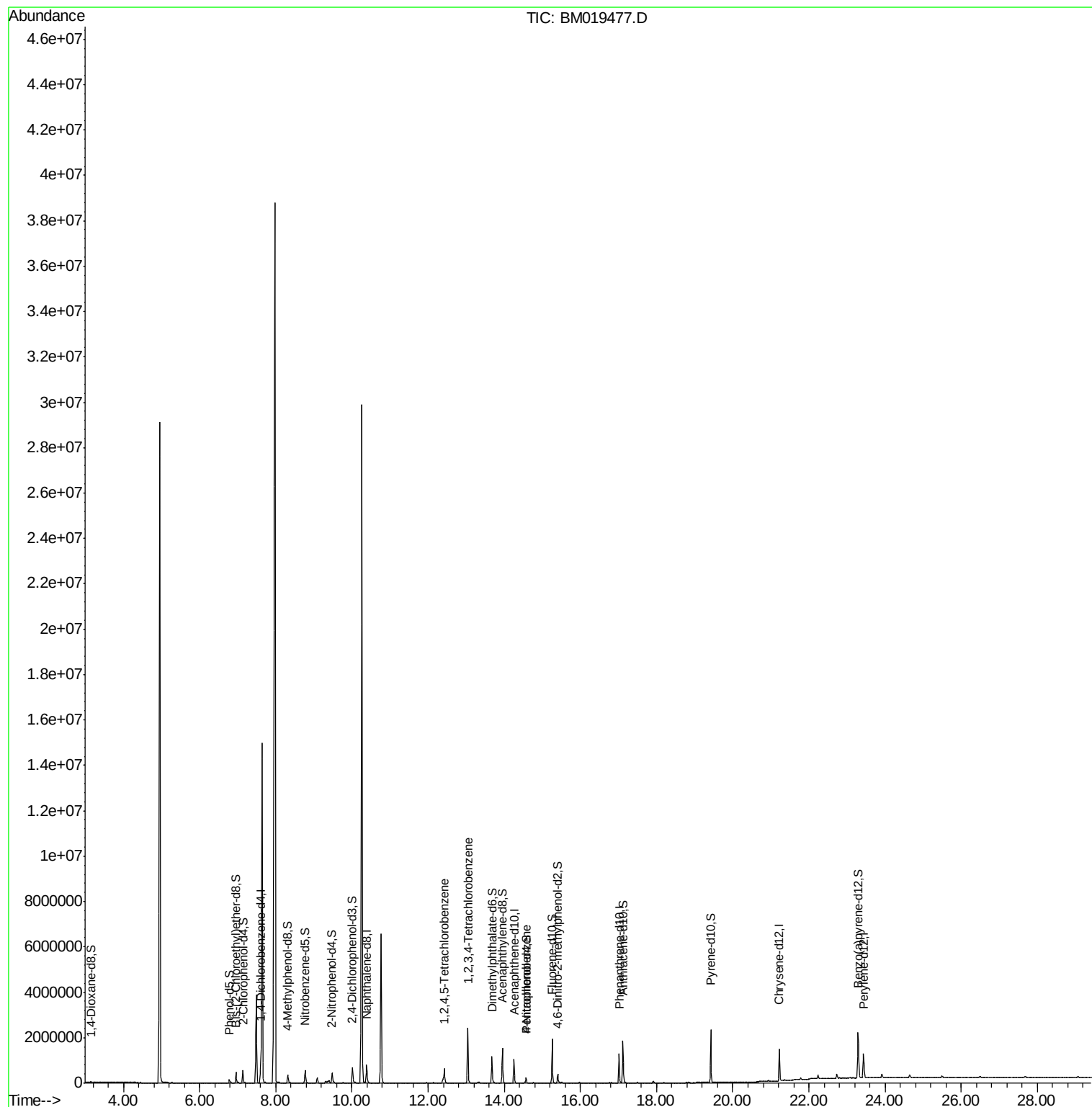
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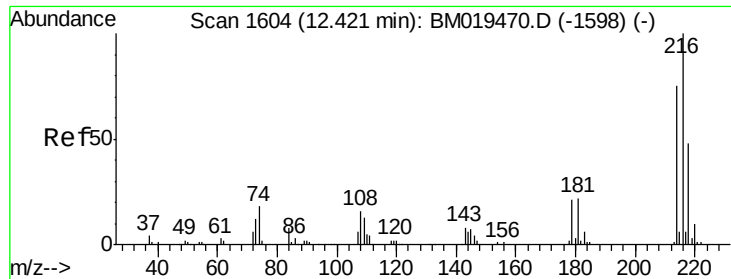
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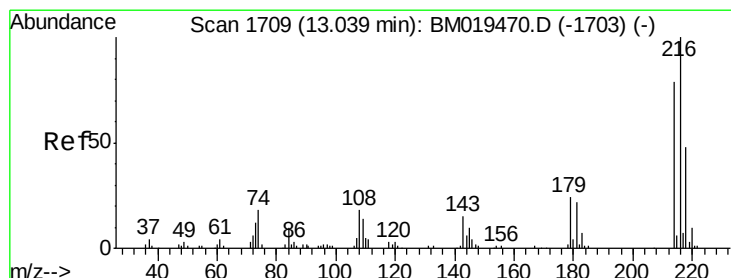
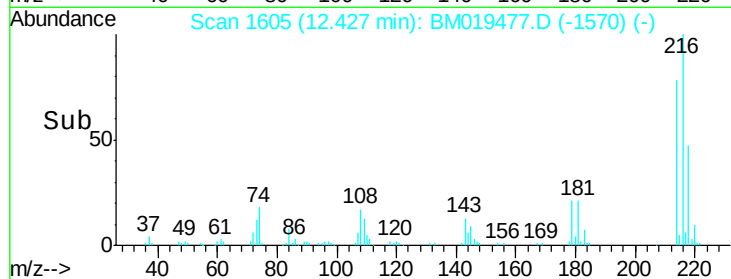
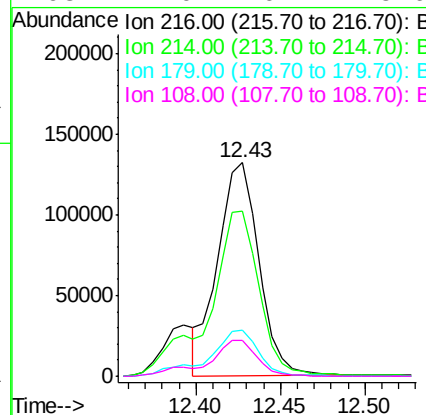
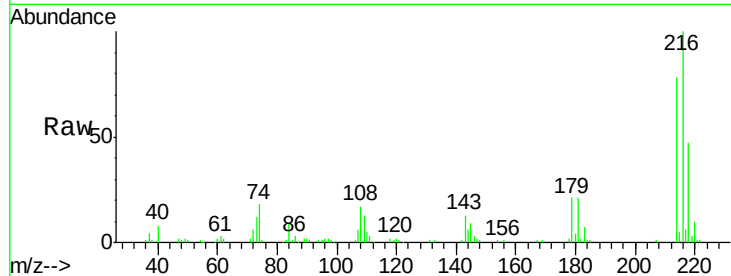
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.607 ng/uL
 RT: 12.43 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BM019477.D
 Acq: 26 Mar 2019 19:15

Instrument :
 BNA_M
 ClientSampled :
 C09D0

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.6	64.1	96.1
179	21.4	14.5	21.7
108	17.0	10.4	15.6

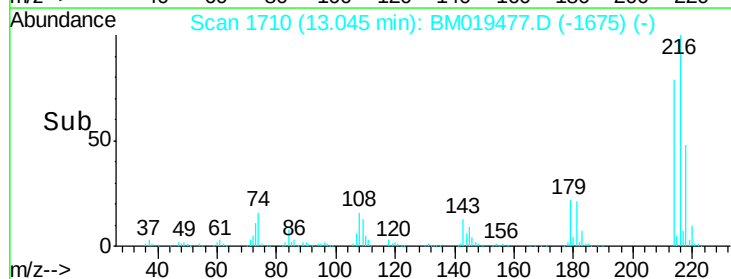
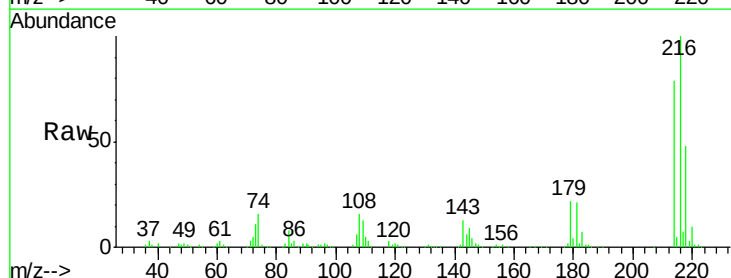
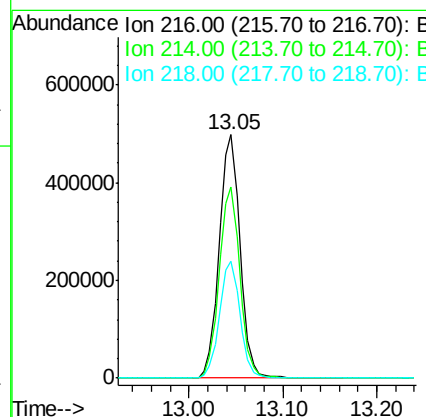
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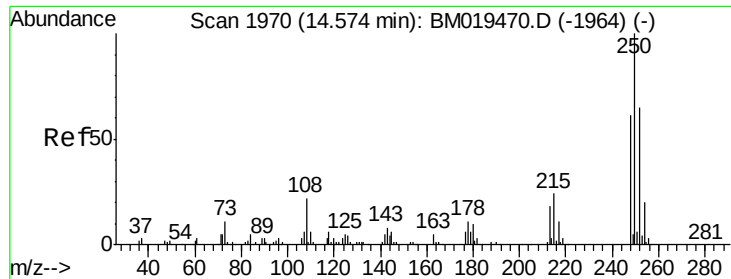
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 76.885 ng/uL
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BM019477.D
 Acq: 26 Mar 2019 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.7	64.1	96.1
218	48.1	39.4	59.0





#74
 Pentachlorobenzene
 Concen: 5.964 ng/uL
 RT: 14.57 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BM019477.D
 Acq: 26 Mar 2019 19:15

Instrument :
 BNA_M
 ClientSampleId :
 C09D0

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	62985		
248	55.9		51.4	77.2
252	62.2		49.8	74.6

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