

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032719\
 Data File : BM019527.D
 Acq On : 28 Mar 2019 04:44
 Operator : JU/SJ
 Sample : K2069-12DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09D9DL

Manual Integrations
 APPROVED

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Quant Time: Mar 28 08:16:48 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	7.59	152	104819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	405961	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.25	164	224430	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.00	188	501560	20.00	ng/ul	-0.01
78) Chrysene-d12	21.21	240	601926	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	795250	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	6.77	99	11408	1.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	36104	5.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	35061	4.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	23456	3.35	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	20487	7.07	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	23184	7.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	37341	6.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2125m	0.29	ng/ul	0.02
44) Dimethylphthalate-d6	13.67	166	138070	7.62	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	167960	7.42	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	114	0.04	ng/ul	0.08
58) Fluorene-d10	15.25	176	116995	7.50	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	12465	3.76	ng/ul	0.00
71) Anthracene-d10	17.10	188	173613	7.21	ng/ul	-0.01
79) Pyrene-d10	19.41	212	202594	7.29	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	297161	7.05	ng/ul	-0.02

Target Compounds					Qvalue
20) Nitrobenzene	8.80	77	552418	64.083 ng/ul	97
23) 2-Nitrophenol	9.51	139	5306	1.492 ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	49562	6.940 ng/ul#	95
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	153197	21.068 ng/uL	96

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

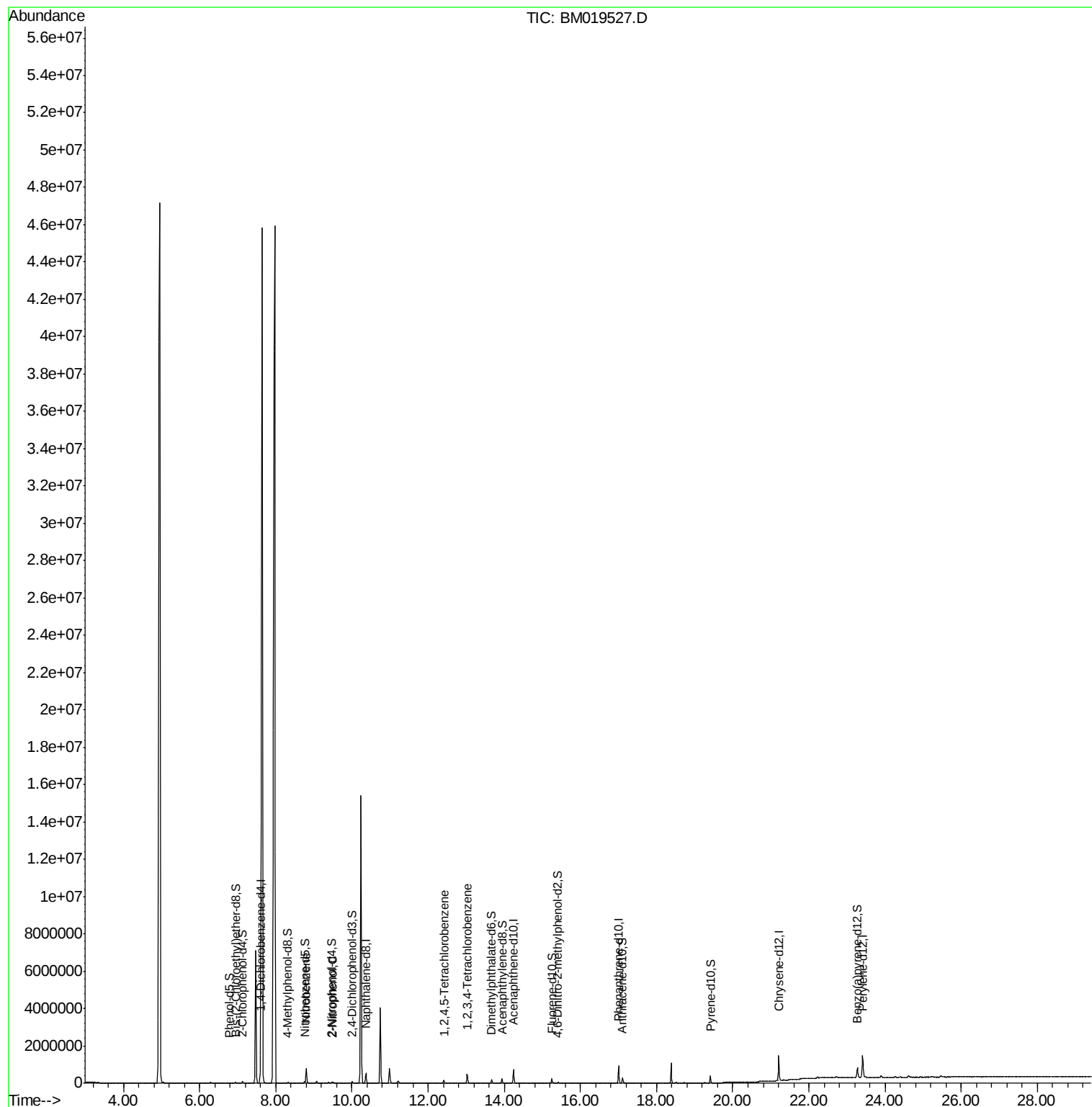
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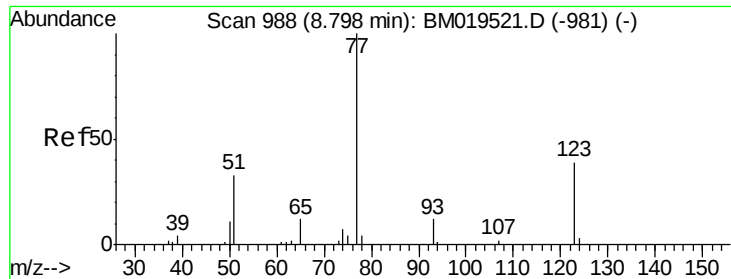
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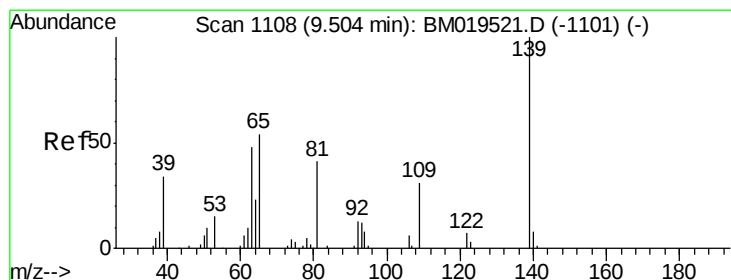
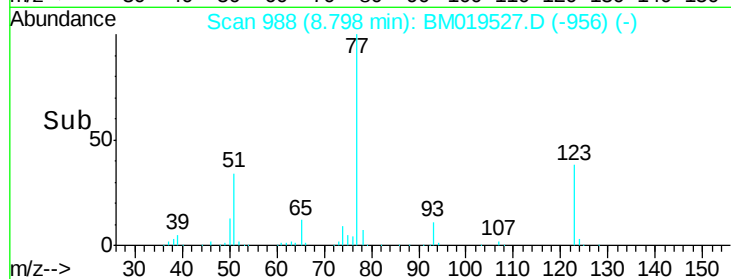
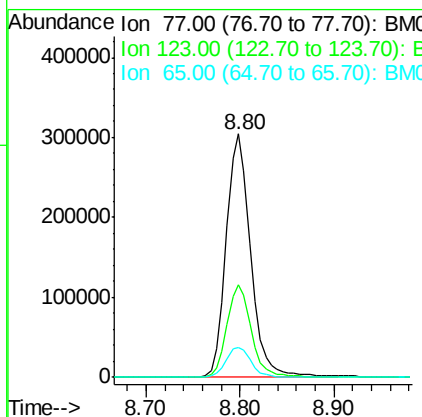
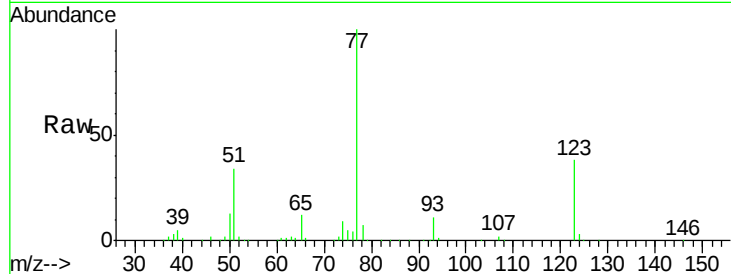
#20
Nitrobenzene
Concen: 64.083 ng/u1
RT: 8.80 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM019527.D
Acq: 28 Mar 2019 04:44

Instrument :
BNA_M
ClientSampleId :
C09D9DL

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	552418		
123	37.8		31.8	47.8
65	12.3		10.6	16.0

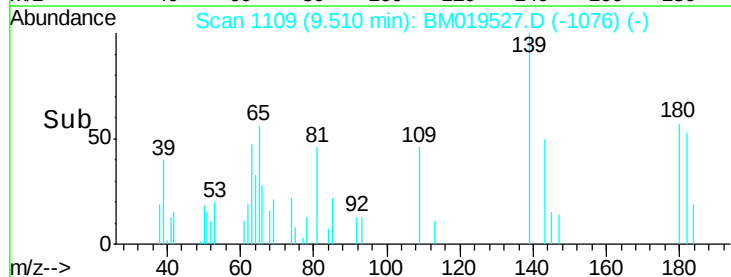
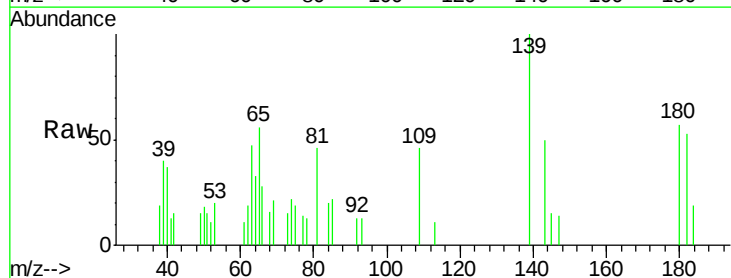
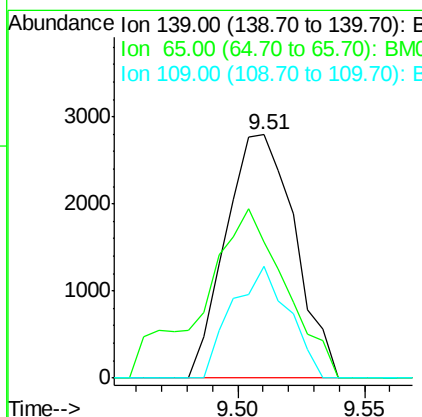
Manual Integrations
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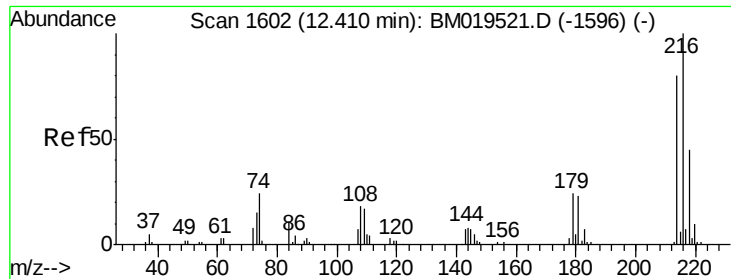
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#23
2-Nitrophenol
Concen: 1.492 ng/u1
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM019527.D
Acq: 28 Mar 2019 04:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	5306		
65	56.2		45.3	67.9
109	45.7		27.7	41.5#





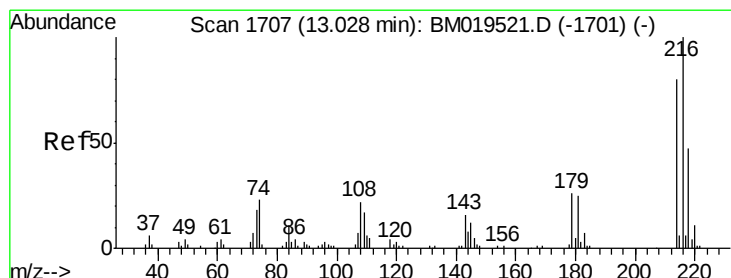
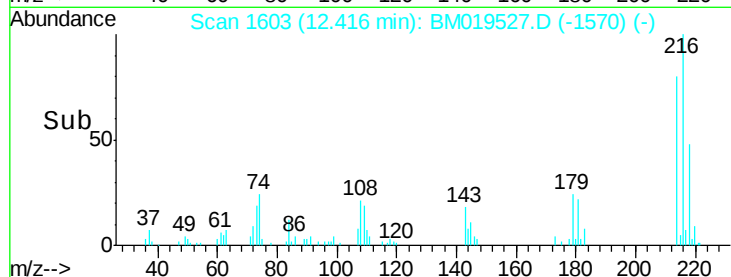
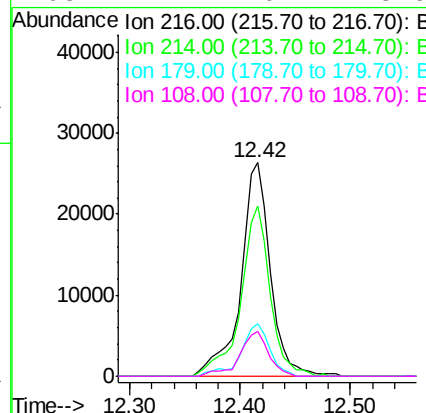
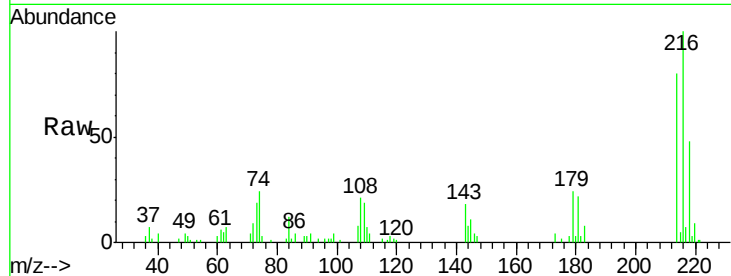
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.940 ng/uL
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BM019527.D
 Acq: 28 Mar 2019 04:44

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	49562		
214	79.7	64.1	96.1	
179	24.4	14.5	21.7	
108	21.2	10.4	15.6	

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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.068 ng/uL
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM019527.D
 Acq: 28 Mar 2019 04:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	153197		
214	77.1	64.1	96.1	
218	46.3	39.4	59.0	

