

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019358.D
 Acq On : 23 Mar 2019 18:47
 Operator : JU/SJ
 Sample : K1968-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A5

Manual Integrations
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 3/26/2019 6:25:36 PM

Quant Time: Mar 24 06:04:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	145802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	587486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	321946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	705020	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	739991	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	832367	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	14994	4.03	ng/uL	0.00
5) Phenol-d5	6.79	99	73358	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	238446	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	230145	23.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	50377	5.17	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	131397	31.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	153011	32.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	253276	28.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.69	166	858058	33.03	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	839499	25.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	18528m	4.55	ng/ul	0.03
58) Fluorene-d10	15.27	176	761486	34.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	123522	26.49	ng/ul	0.00
71) Anthracene-d10	17.13	188	1153166	34.08	ng/ul	0.00
79) Pyrene-d10	19.43	212	1247378	36.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1403801	31.81	ng/ul	-0.01
Target Compounds						
27) 2,4-Dichlorophenol	10.09	162	45436m	5.224	ng/ul	Ovalue
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	118176	11.536	ng/ul#	94
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	151136	14.786	ng/uL	98

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

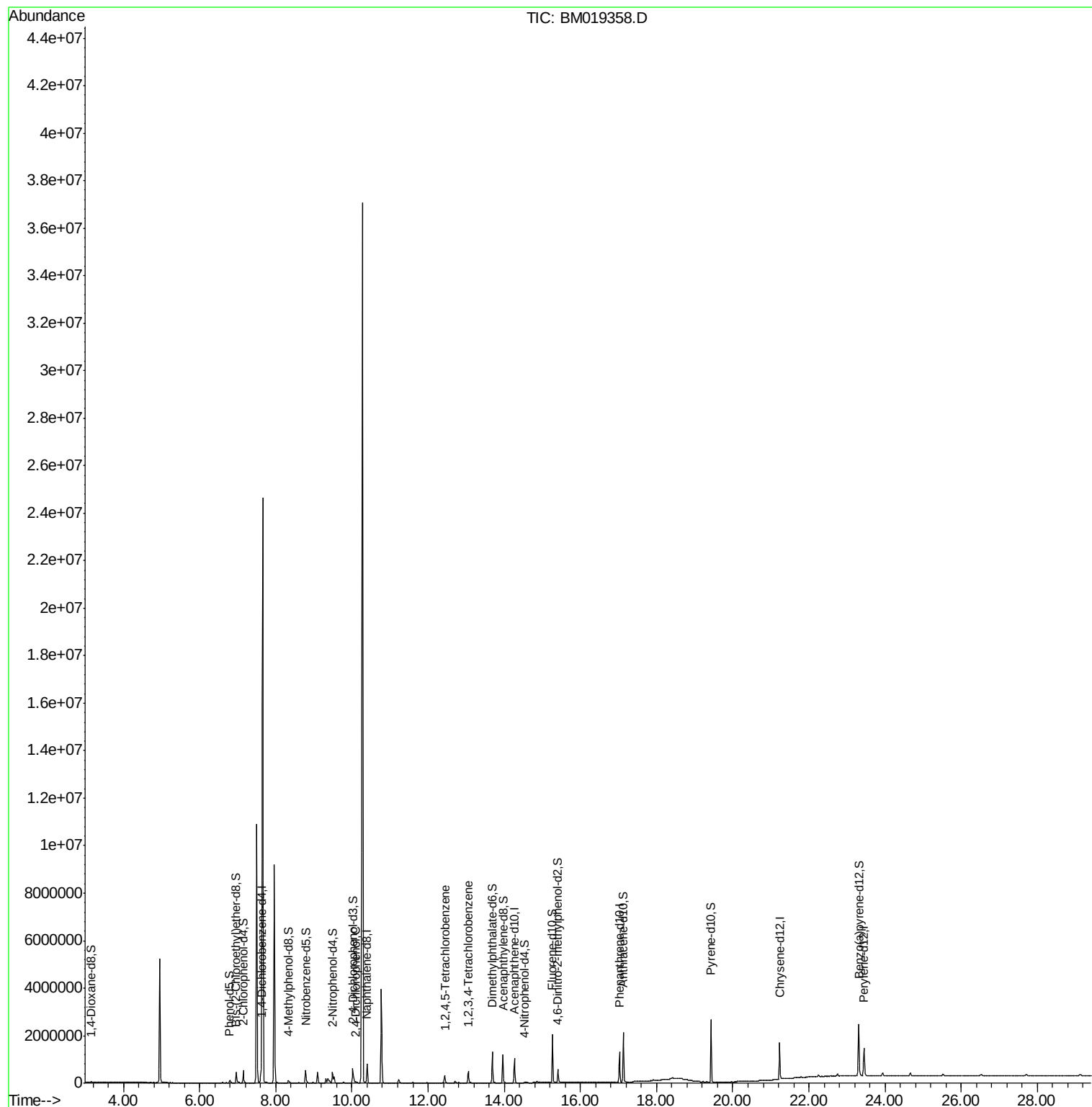
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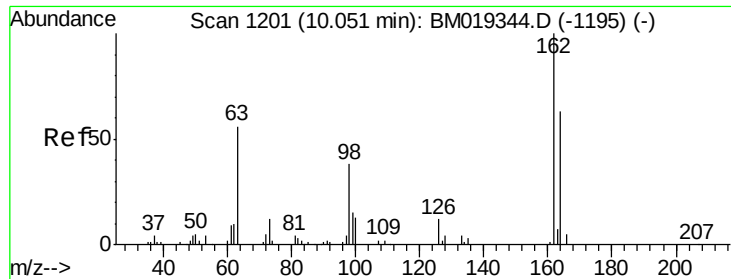
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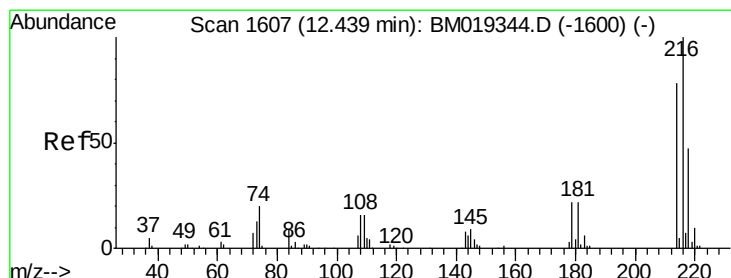
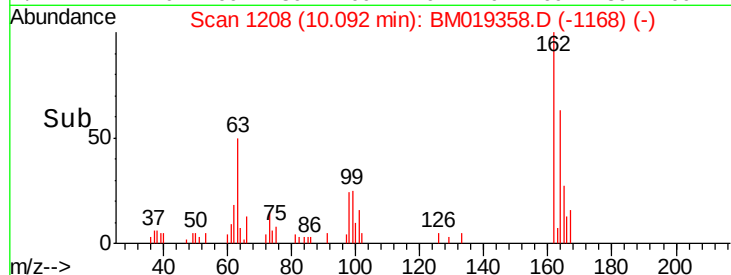
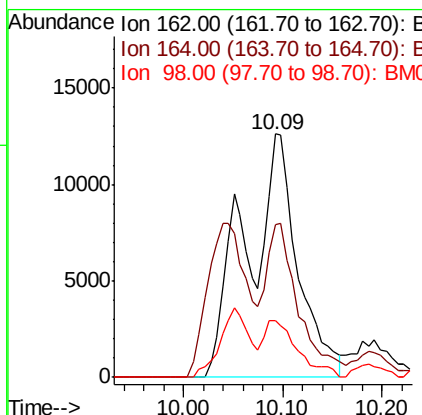
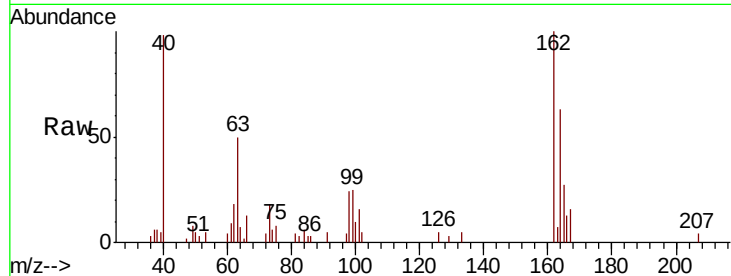
#27
 2,4-Dichlorophenol
 Concen: 5.224 ng/ul m
 RT: 10.09 min Scan# 1208
 Delta R.T. 0.04 min
 Lab File: BM019358.D
 Acq: 23 Mar 2019 18:47

Instrument :
 BNA_M
 ClientSampled :
 C09A5

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	52.0	78.0
98	23.5	26.6	39.8#

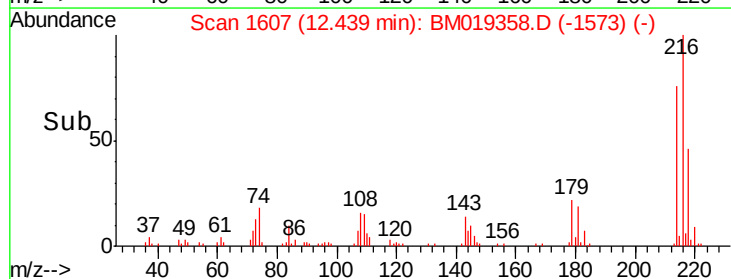
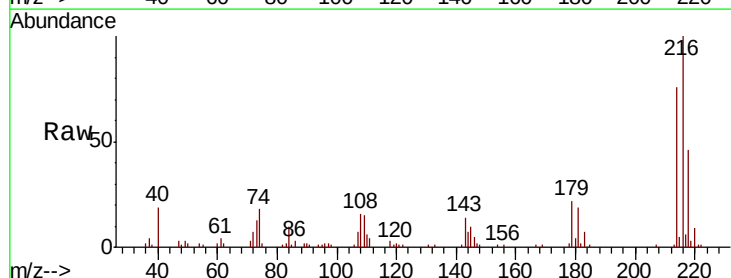
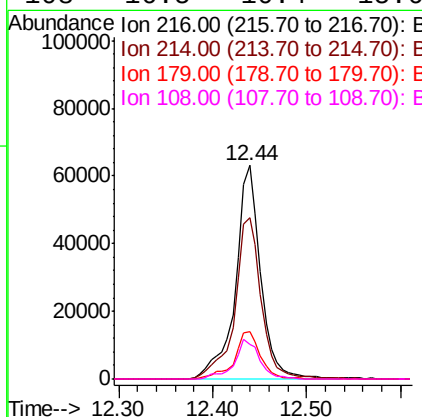
Manual Integrations
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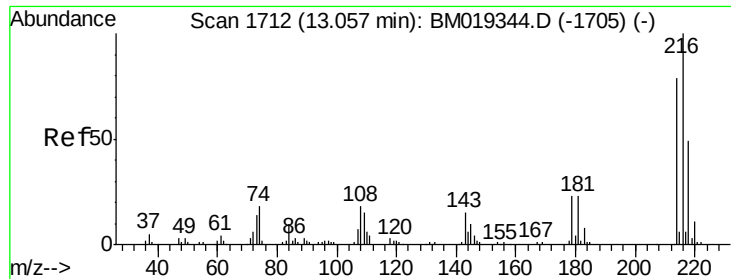
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#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.536 ng/ul
 RT: 12.44 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BM019358.D
 Acq: 23 Mar 2019 18:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.6	64.1	96.1
179	22.0	14.5	21.7#
108	16.5	10.4	15.6#





#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 14.786 ng/uL
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM019358.D
 Acq: 23 Mar 2019 18:47

Instrument :
 BNA_M
 ClientSampleId :
 C09A5

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	64.1	96.1
218	47.4	39.4	59.0

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