

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019551.D
 Acq On : 28 Mar 2019 21:23
 Operator : JU/SJ
 Sample : K2069-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E4

Manual Integrations
 APPROVED

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Quant Time: Mar 29 05:44:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 04:57:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	119457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	542975	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	311214	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	689228	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	854875	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1055720	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9319	3.05	ng/uL	0.00
5) Phenol-d5	6.77	99	54591	5.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	175516	24.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	174585	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	105153	13.17	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	103633	26.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	118990	27.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	191598	23.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	5373m	0.55	ng/ul	0.05
44) Dimethylphthalate-d6	13.66	166	728453	29.01	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	882699	28.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	12957m	3.29	ng/ul	0.05
58) Fluorene-d10	15.24	176	621179	28.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	113618	24.93	ng/ul	0.00
71) Anthracene-d10	17.10	188	1003483	30.34	ng/ul	0.00
79) Pyrene-d10	19.40	212	1221449	30.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1634678	29.21	ng/ul	0.00

Target Compounds					Qvalue
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	48238	4.871 ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	43362	4.339 ng/uL	96

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

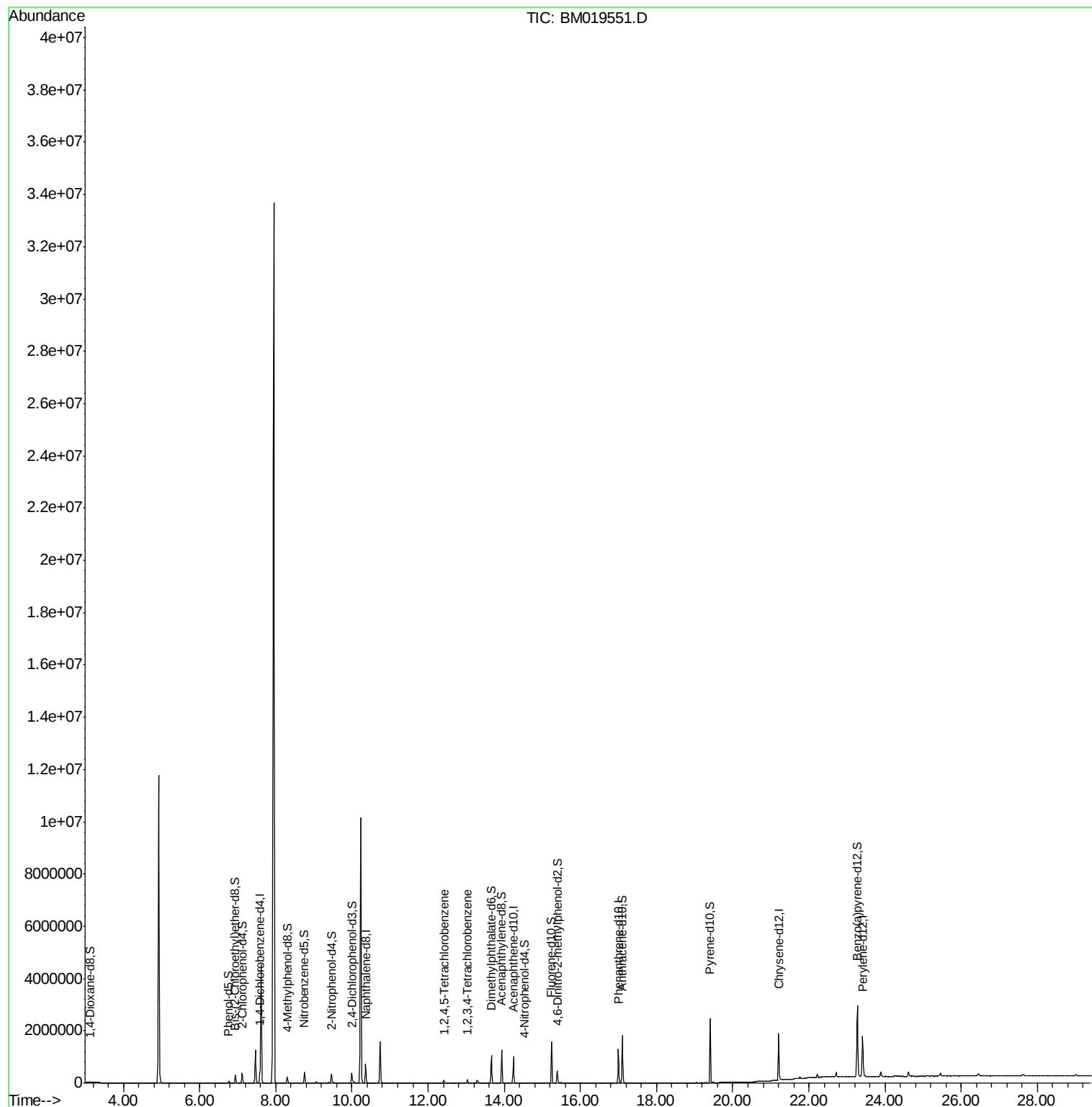
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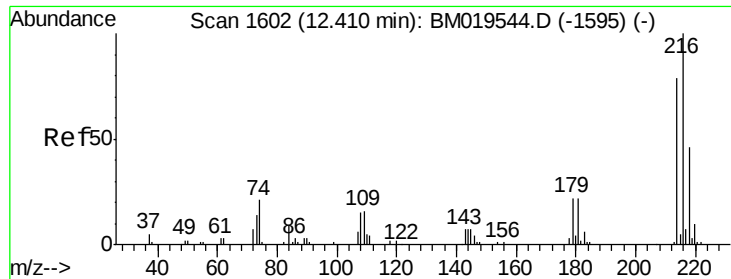
Instrument :
BNA_M
ClientSampleId :
C09E4

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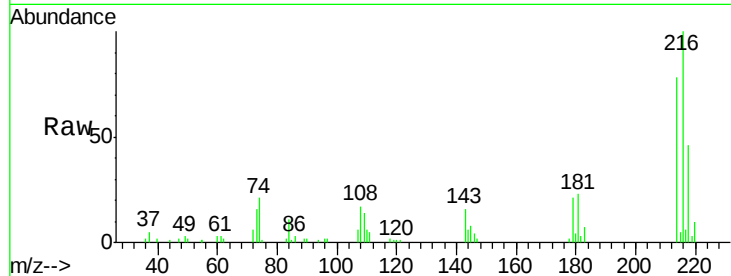
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.871 ng/uL
 RT: 12.42 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BM019551.D
 Acq: 28 Mar 2019 21:23

Instrument :
 BNA_M
 ClientSampled :
 C09E4

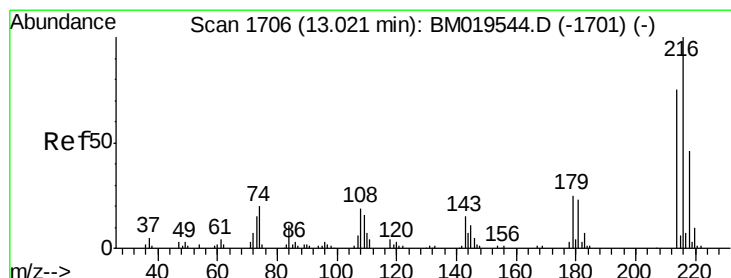
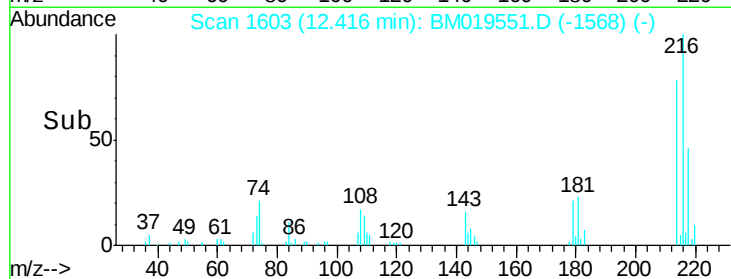
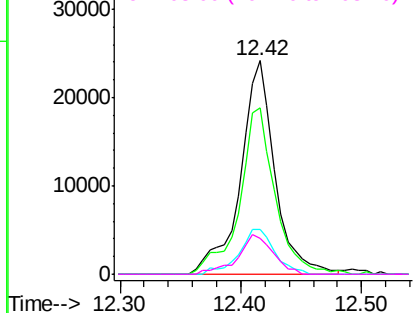
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.1	96.1
179	20.7	14.5	21.7
108	17.1	10.4	15.6

Manual Integrations
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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: 4.339 ng/uL
 RT: 13.03 min Scan# 1708
 Delta R.T. 0.01 min
 Lab File: BM019551.D
 Acq: 28 Mar 2019 21:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.1	96.1
218	44.3	39.4	59.0

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

