

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
 Data File : BM009303.D
 Acq On : 20 Mar 2017 19:59
 Operator : SJ/MA
 Sample : I2303-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM8

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:20:58 PM

Quant Time: Mar 21 03:16:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 03:09:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	95317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	434099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	294084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	758665	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1201480	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1228455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	11995	5.54	ng/uL	0.00
5) Phenol-d5	7.03	99	51939	5.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	204859	30.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	147426	23.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	112258	13.65	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	104987	33.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	112955	32.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	206871	28.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	10119	1.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	832378	37.27	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	989631	38.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	24995m	5.64	ng/ul	0.00
57) Fluorene-d10	15.50	176	773421	38.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	138062	30.42	ng/ul	0.00
70) Anthracene-d10	17.36	188	1391073	38.74	ng/ul	0.00
78) Pyrene-d10	19.65	212	1752577	36.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2086607	37.13	ng/ul	0.00

Target Compounds						Qvalue
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	73672	8.33	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	76423	8.57	ng/uL	96

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

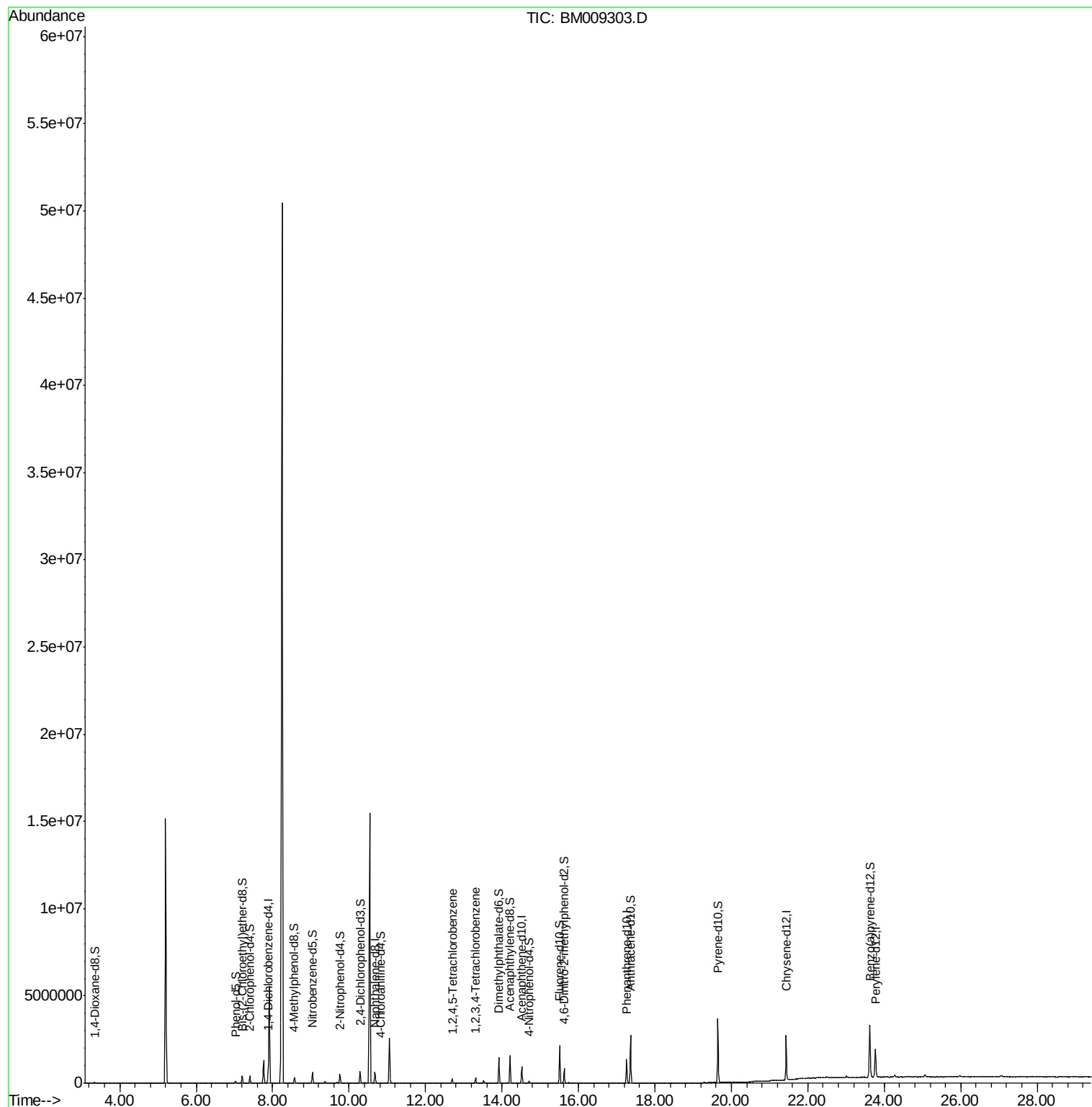
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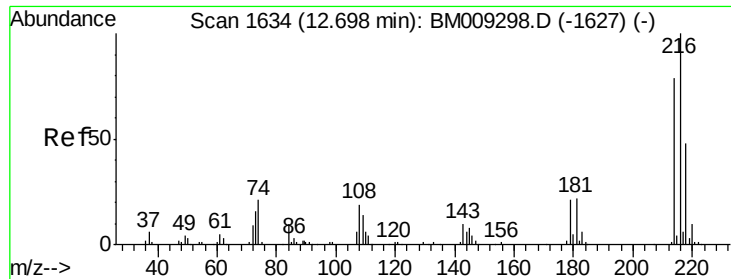
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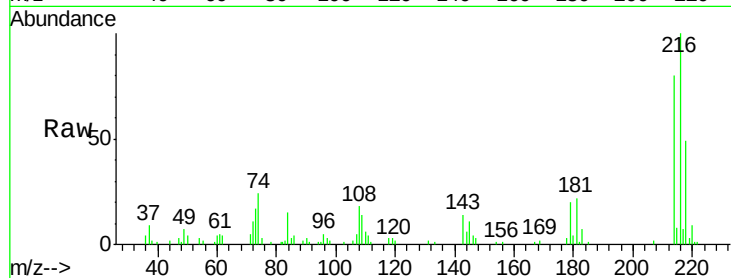
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.33 ng/uL
 RT: 12.70 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BM009303.D
 Acq: 20 Mar 2017 19:59

Instrument :
 BNA_M
 ClientSampleId :
 C0BM8

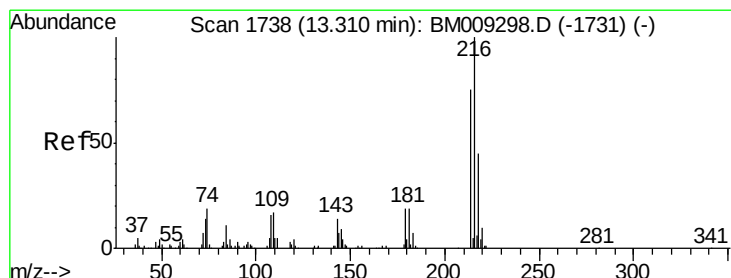
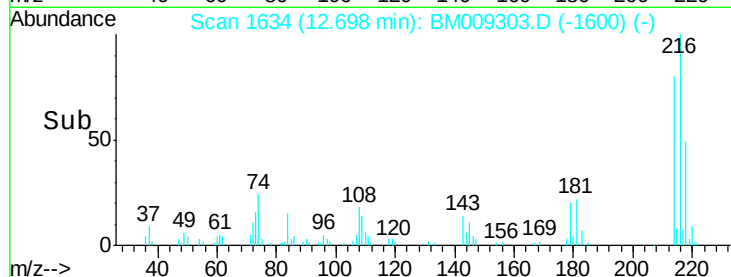
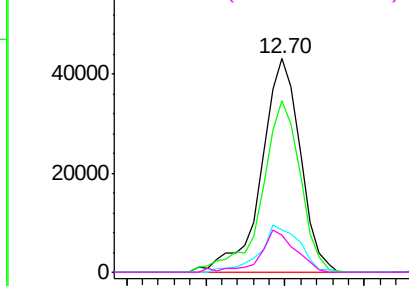
Tgt Ion:	216	Resp:	73672
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.5	93.7
179	19.7	18.2	27.2
108	17.6	14.2	21.2

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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



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 8.57 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BM009303.D
 Acq: 20 Mar 2017 19:59

Tgt Ion:	216	Resp:	76423
Ion Ratio	Lower	Upper	
216	100		
214	74.3	62.5	93.7
218	50.1	38.4	57.6

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

