

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011650.D
 Acq On : 21 Sep 2017 10:10
 Operator : SJ/JU
 Sample : I5273-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK7

Manual Integrations
 APPROVED

Sohil
 9/22/2017 4:05:59 PM

Quant Time: Sep 22 03:00:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 02:52:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	294918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1330430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	778061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1693916	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1687642	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1475982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	35088	5.35	ng/uL	0.00
5) Phenol-d5	7.11	99	397242	14.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	761964	39.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	687952	32.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	508817	23.02	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	412198	40.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	443341	42.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	756285	35.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	262906	11.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2739213	41.64	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	3184546	40.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	135073m	10.93	ng/ul	0.00
58) Fluorene-d10	15.58	176	2384717	41.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	374334	37.98	ng/ul	0.00
71) Anthracene-d10	17.43	188	3802019	45.58	ng/ul	0.00
79) Pyrene-d10	19.72	212	4185790	52.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3301107	46.93	ng/ul	0.00
Target Compounds						
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	97671	4.232	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	92712	4.107	ng/uL	96

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

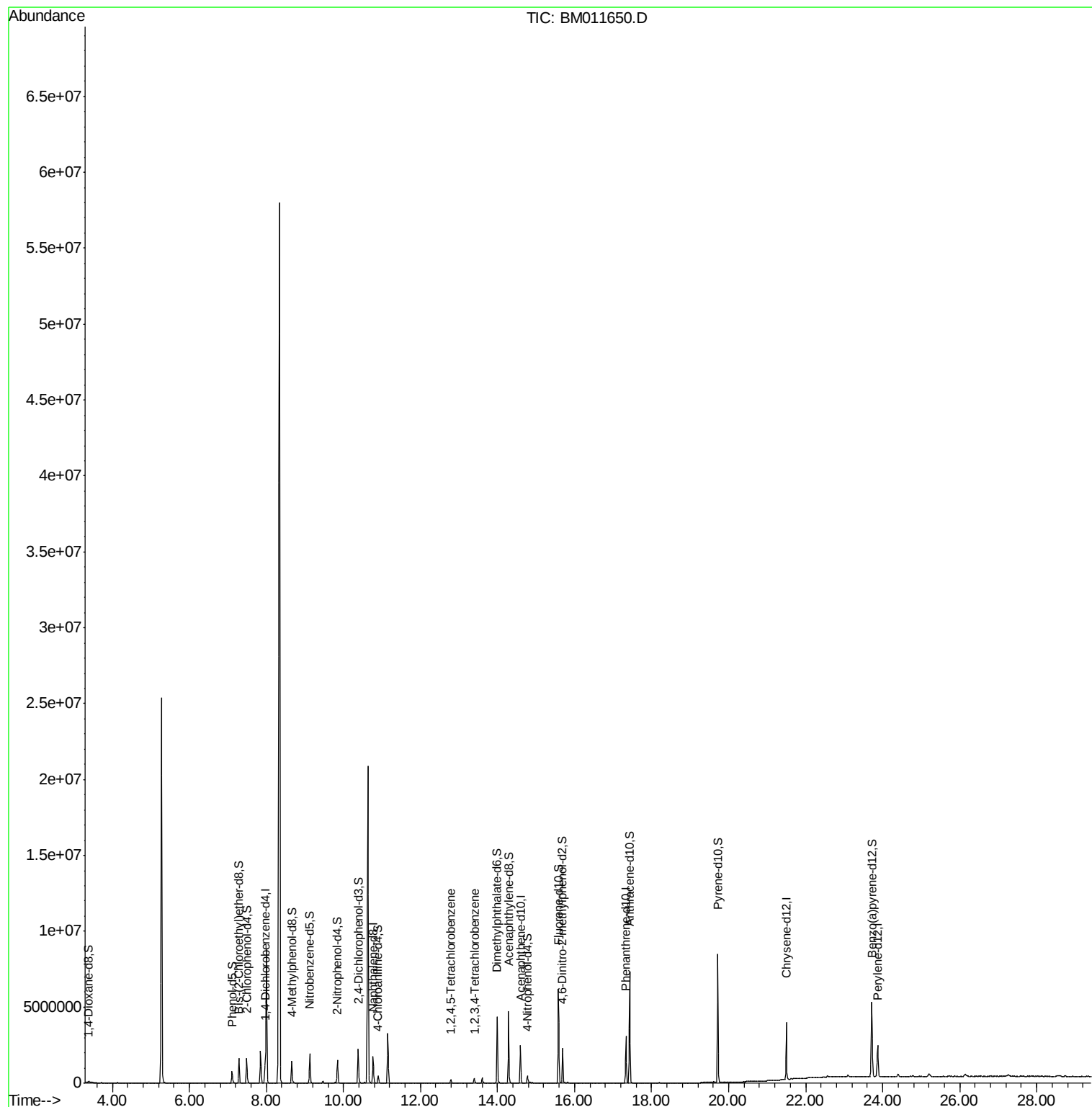
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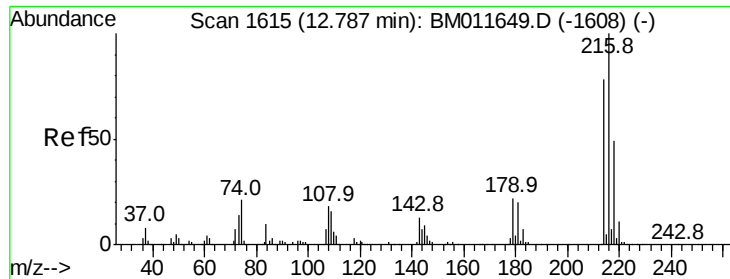
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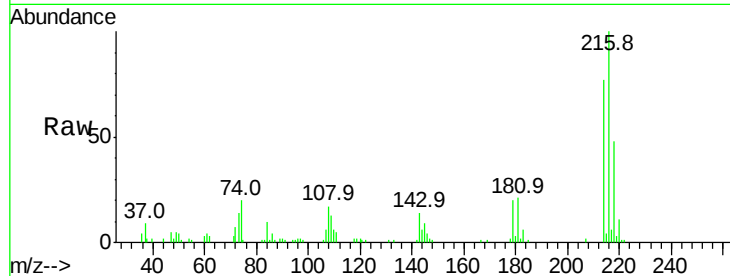
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.232 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. 0.01 min
 Lab File: BM011650.D
 Acq: 21 Sep 2017 10:10

Instrument :
 BNA_M
 ClientSampled :
 C0AK7

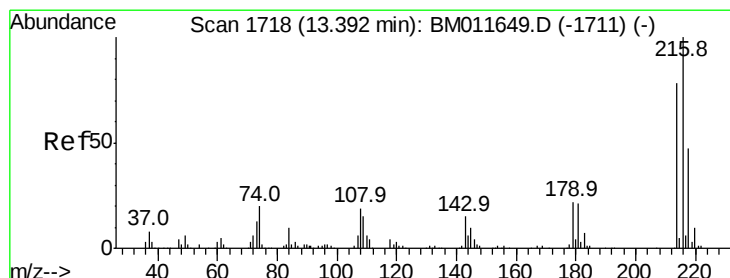
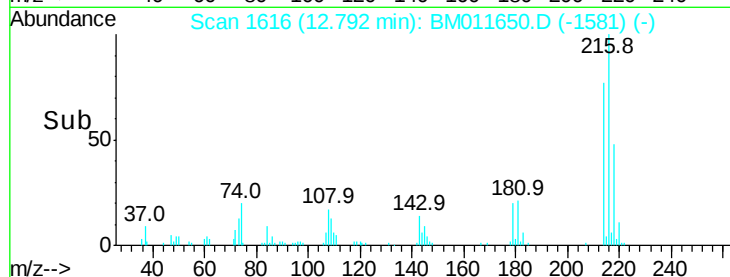
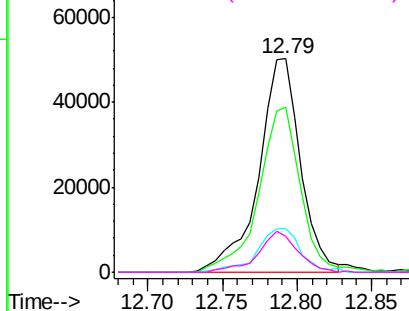
Tot Ion	Ratio	Resp	Lower	Upper
216	100	97671		
214	77.2	64.1	96.1	
179	20.2	14.5	21.7	
108	16.9	10.4	15.6	

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: 4.107 ng/uL
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM011650.D
 Acq: 21 Sep 2017 10:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	92712		
214	78.5	64.1	96.1	
218	44.9	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

