

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009245.D
 Acq On : 14 Mar 2017 08:46
 Operator : SJ/MA
 Sample : I2181-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG7

Quant Time: Mar 14 11:54:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	95961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	454642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	336883	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	954656	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1443579	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1503153	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.35	96	11755	5.40	ng/uL	0.00
5) Phenol-d5	7.04	99	60539	5.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	211629	31.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	151805	23.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	114393	13.81	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	103894	32.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	116400	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	211969	27.54	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.93	166	1005566	39.30	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	945712	32.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	26487	5.21	ng/ul	0.00
57) Fluorene-d10	15.52	176	899493	39.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	160487	28.10	ng/ul	0.00
70) Anthracene-d10	17.37	188	1574671	34.85	ng/ul	0.00
78) Pyrene-d10	19.66	212	2031111	34.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	2275036	33.08	ng/ul	0.01

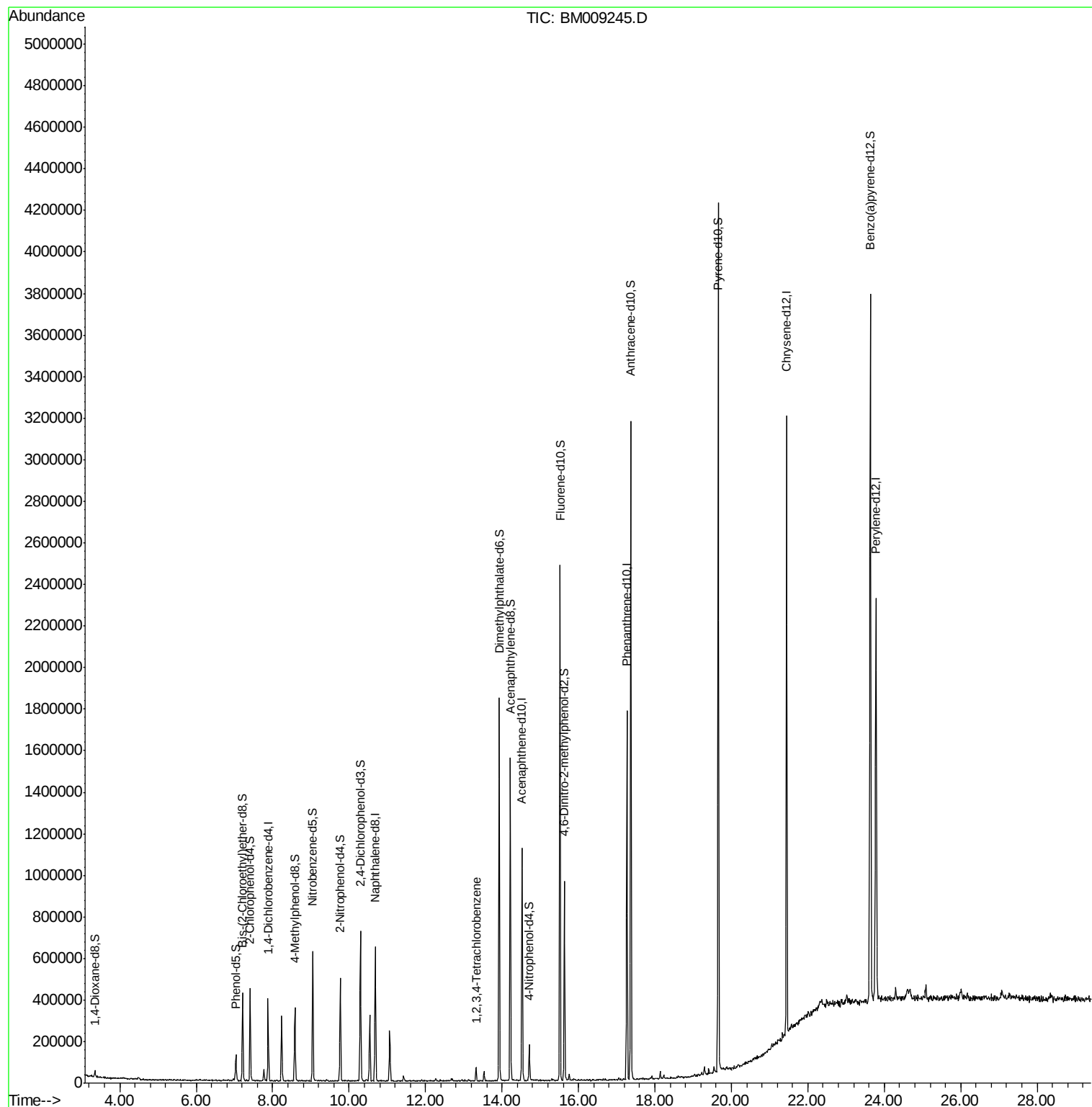
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	18493	1.65	ng/uL	91

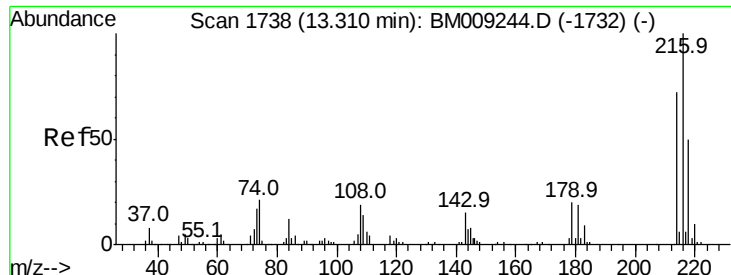
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

1,2,3,4-Tetrachlorobenzene

Concen: 1.65 ng/uL

RT: 13.32 min Scan# 1740

Delta R.T. 0.01 min

Lab File: BM009245.D

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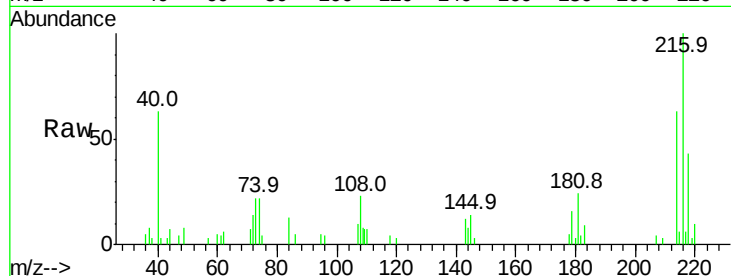
Tot Ion: 216 Resp: 18493

Ion Ratio Lower Upper

216 100

214 68.8 62.5 93.7

218 43.3 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

