

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040516\
 Data File : BM004886.D
 Acq On : 05 Apr 2016 18:44
 Operator : UM/SJ
 Sample : H2086-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG3

Quant Time: Apr 06 01:48:11 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 06 01:34:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	42967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	205865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	122235	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	299505	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	384492	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	401262	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.31	96	989	0.93	ng/uL	0.00
5) Phenol-d5	6.99	99	18637	4.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	61135	29.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	64594	22.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	42438	13.23	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	42946	29.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	46157	28.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	76924	25.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	2920	0.81	ng/ul	0.01
44) Dimethylphthalate-d6	13.86	166	303227	31.44	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	355847	30.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	6836	3.59	ng/ul	0.00
58) Fluorene-d10	15.45	176	267751	32.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	42409	23.63	ng/ul	0.00
71) Anthracene-d10	17.30	188	442711	33.04	ng/ul	0.00
79) Pyrene-d10	19.59	212	529247	31.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	580292	32.64	ng/ul	0.00

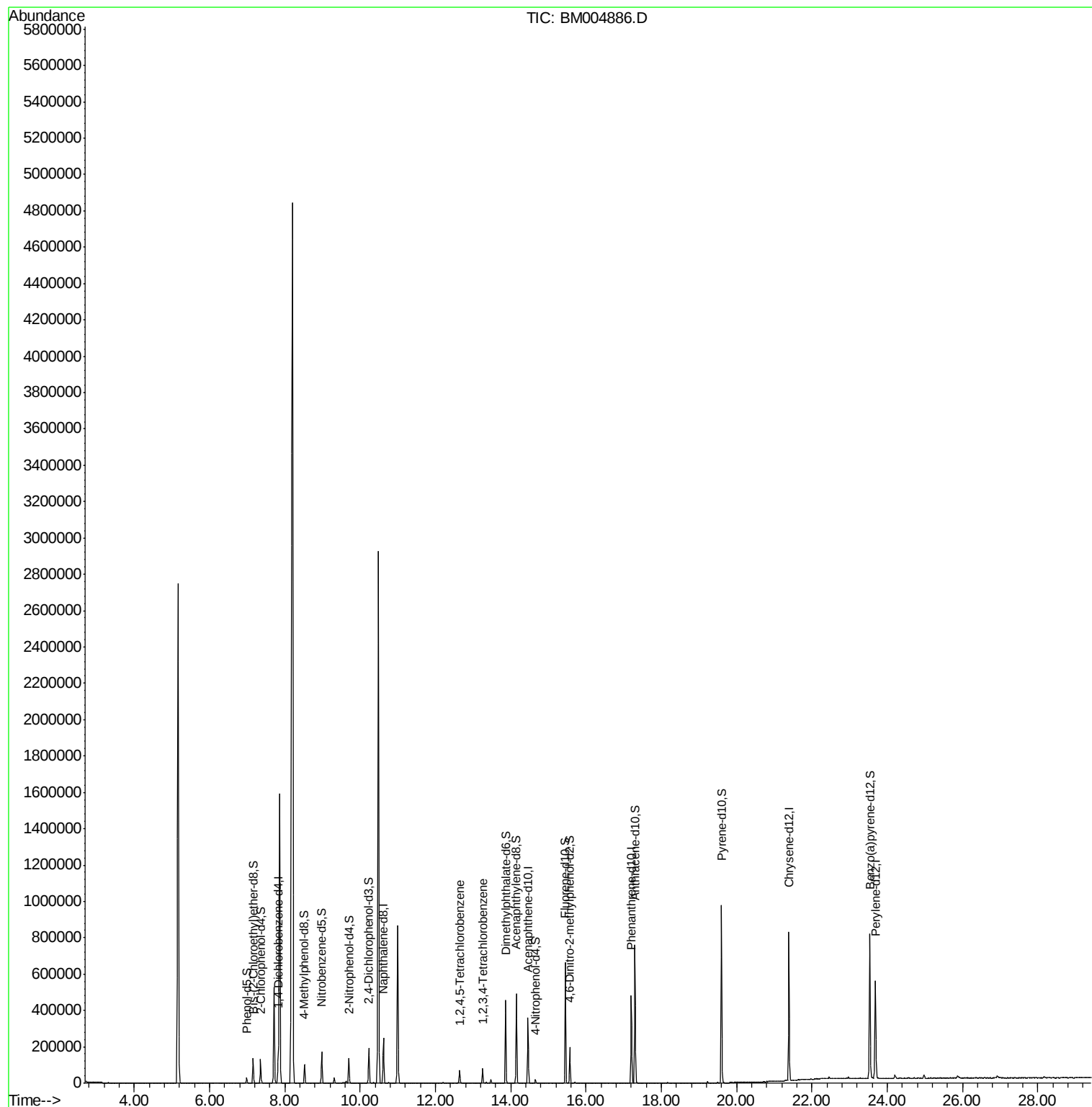
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	26637	7.04	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	25213	6.48	ng/uL	98

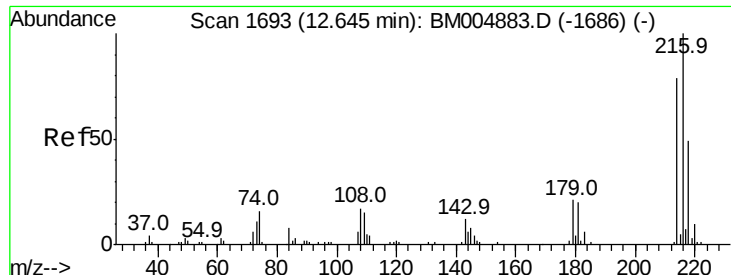
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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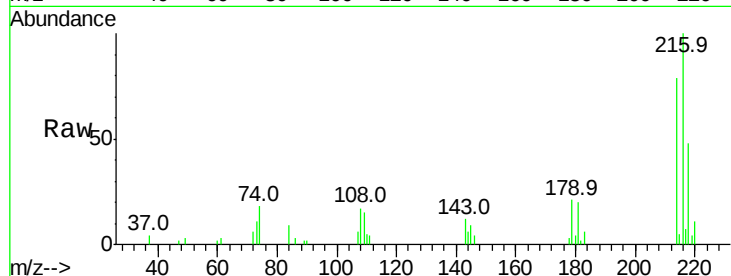




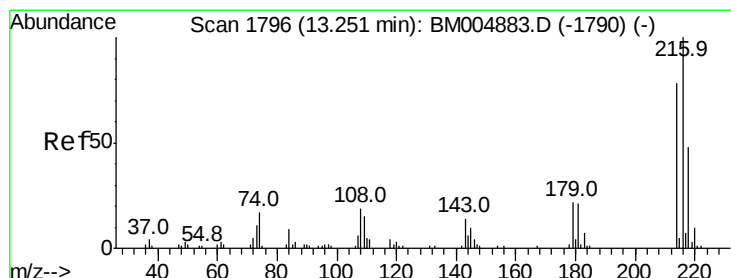
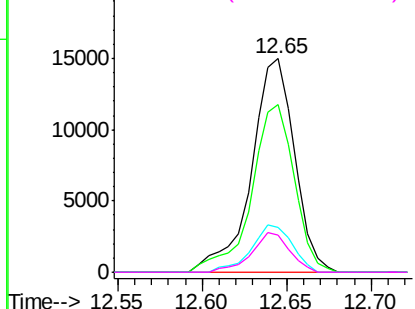
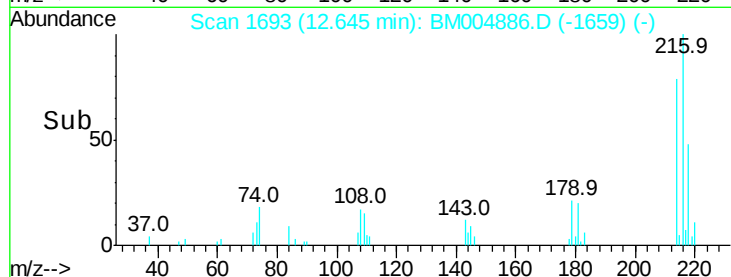
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.04 ng/uL
 RT: 12.65 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BM004886.D
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Tot Ion:	216	Resp:	26637
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
179	20.8	18.2	27.2
108	17.5	14.2	21.2

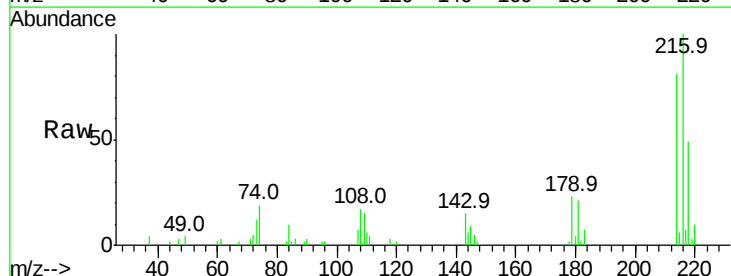


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 6.48 ng/uL
 RT: 13.25 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BM004886.D
 Acq: 05 Apr 2016 18:44

Tgt Ion:	216	Resp:	25213
Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.5	93.7
218	49.2	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

