

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007686.D
 Acq On : 19 Oct 2016 23:37
 Operator : UM/SJ
 Sample : MDL-05-S-ML
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-05-S-ML

Quant Time: Oct 20 03:13:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 03:12:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	227892	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	861664	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	548851	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1074070	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1346558	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1356910	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	38817	7.27	ng/uL	0.00
3) Phenol-d5	6.93	99	557486	31.57	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	339433	32.43	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	446400	32.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	436739	31.47	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	205774	33.81	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	225718	33.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	419260	32.07	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	525076	35.40	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1236452	32.29	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1492516	33.25	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	177846	28.25	ng/ul	0.00
17) Fluorene-d10	15.38	176	1078623	32.65	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	183593	28.21	ng/ul	0.00
20) Anthracene-d10	17.23	188	1600391	32.77	ng/ul	0.00
24) Pyrene-d10	19.53	212	1847702	33.90	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1972936	33.38	ng/ul	0.00

Target Compounds

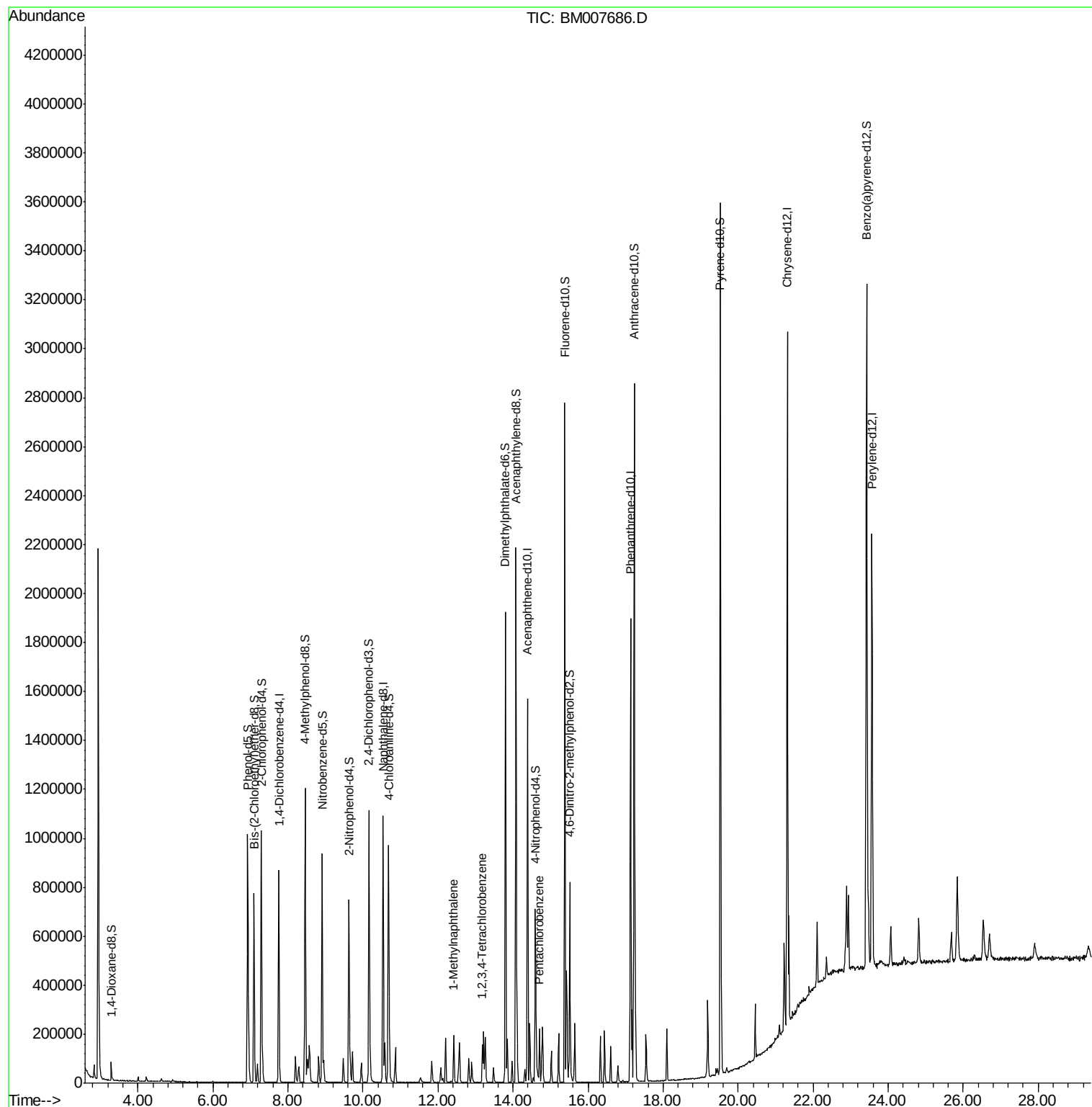
						Qvalue
12) 1-Methylnaphthalene	12.42	142	88553	2.99	ng/ul	98
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	50444	3.22	ng/uL	97
22) Pentachlorobenzene	14.71	250	51606	3.16	ng/uL	98

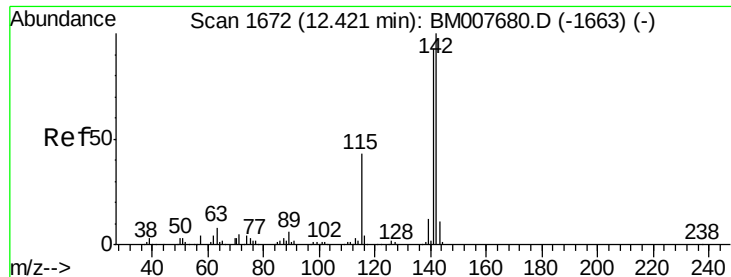
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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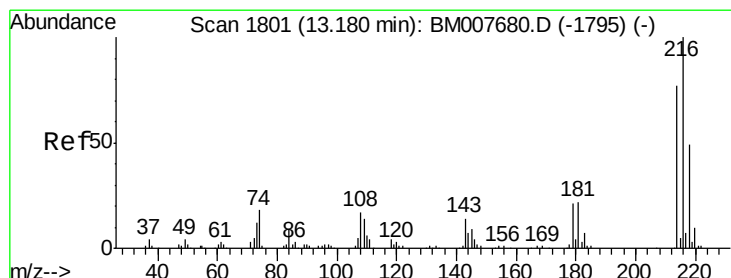
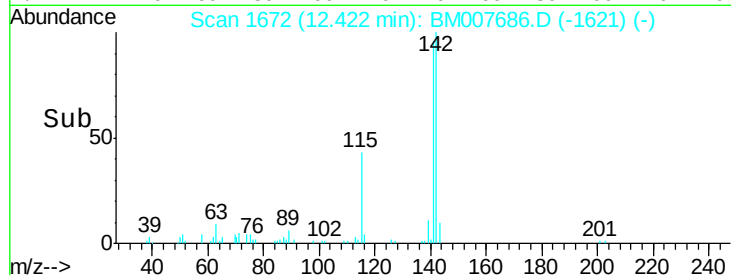
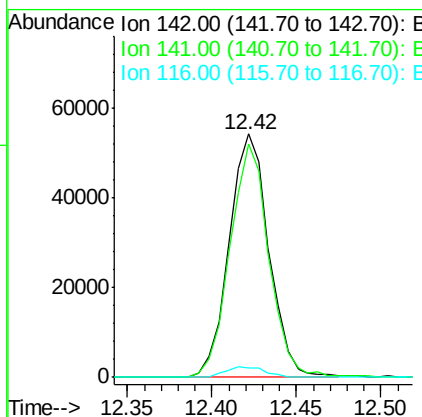
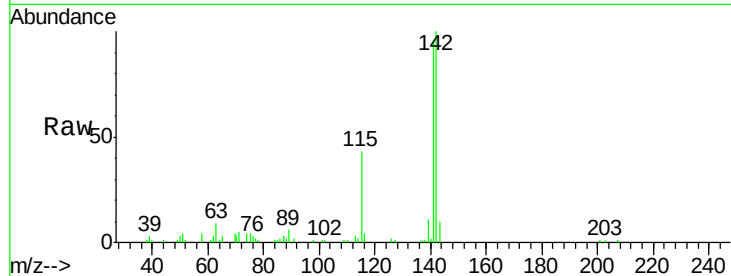




#12
1-Methylnaphthalene
Concen: 2.99 ng/uL
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM007686.D
Acq: 19 Oct 2016 23:37

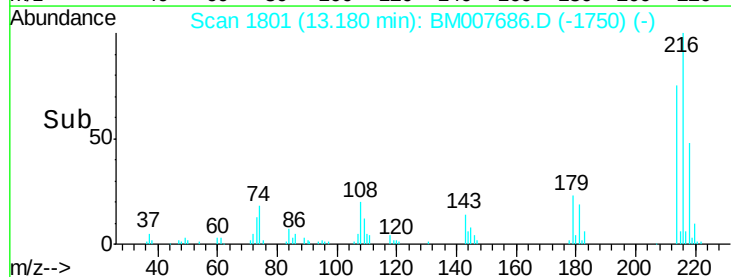
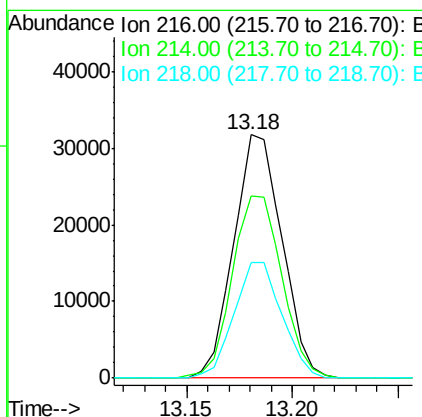
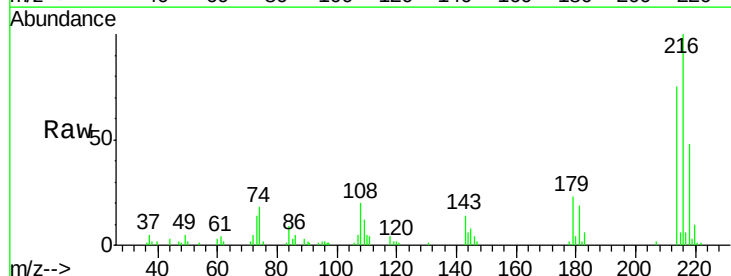
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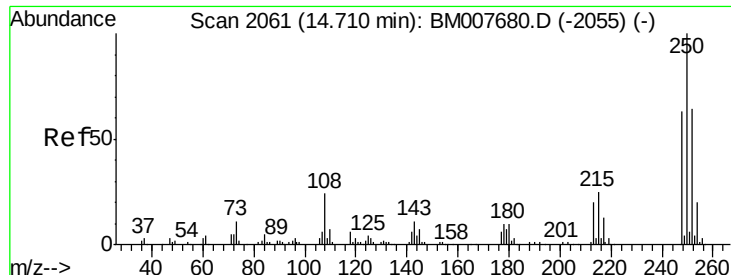
Tgt Ion:142 Resp: 88553
Ion Ratio Lower Upper
142 100
141 95.9 74.9 112.3
116 4.0 3.1 4.7



#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.22 ng/uL
RT: 13.18 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BM007686.D
Acq: 19 Oct 2016 23:37

Tgt Ion:216 Resp: 50444
Ion Ratio Lower Upper
216 100
214 74.8 62.5 93.7
218 47.6 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.16 ng/uL

RT: 14.71 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BM007686.D

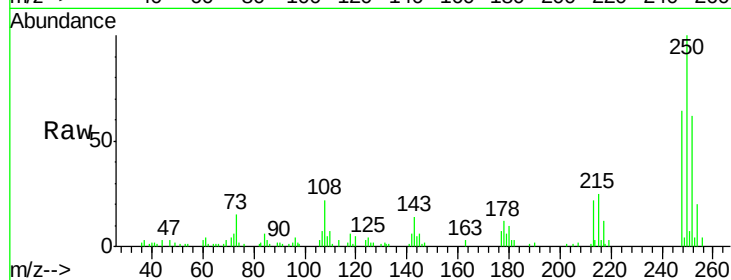
Acq: 19 Oct 2016 23:37

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML



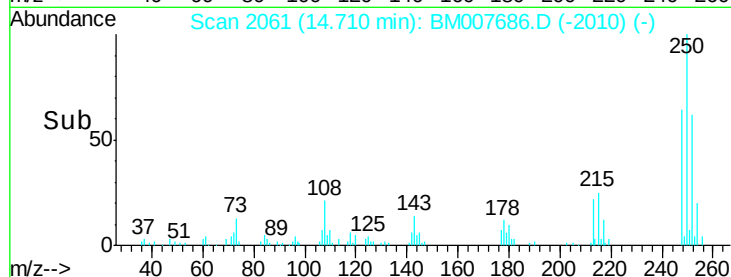
Tgt Ion: 250 Resp: 51606

Ion Ratio Lower Upper

250 100

248 63.7 50.6 75.8

252 61.8 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

