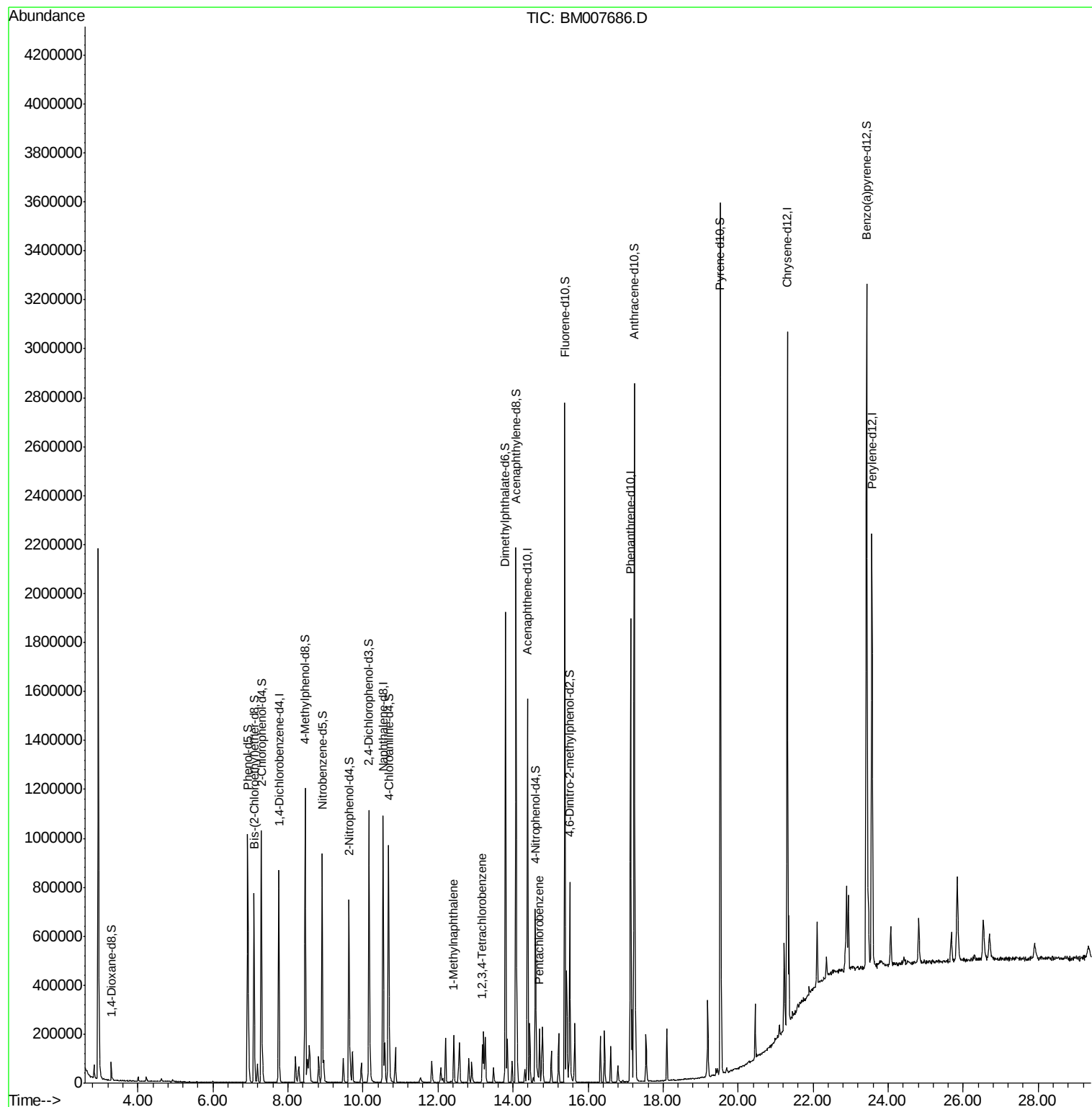
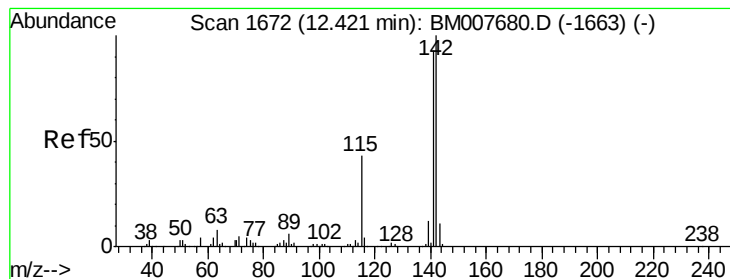


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007686.D
Acq On : 19 Oct 2016 23:37
Operator : UM/SJ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 16 Sample Multiplier: 1

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





#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

Instrument :

BNA_M

ClientSampleId :

MDL-05-S-ML

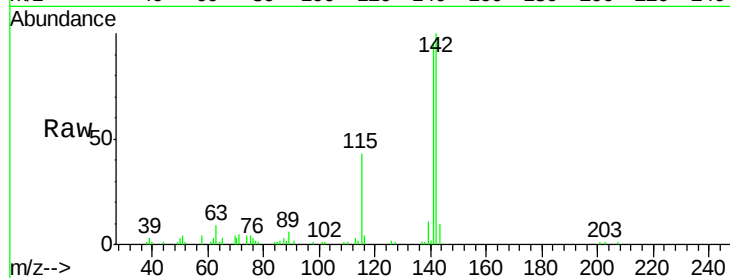
Tgt Ion:142 Resp: 88553

Ion Ratio Lower Upper

142 100

141 95.9 74.9 112.3

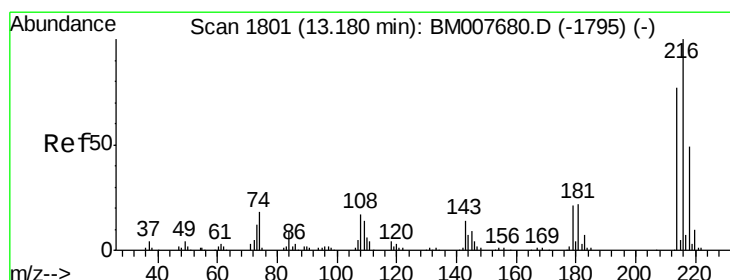
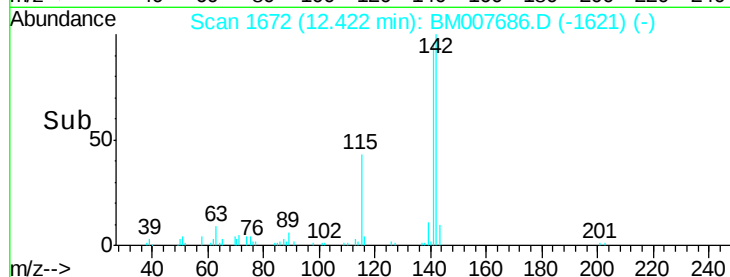
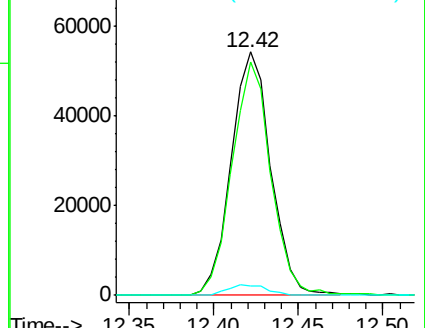
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#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

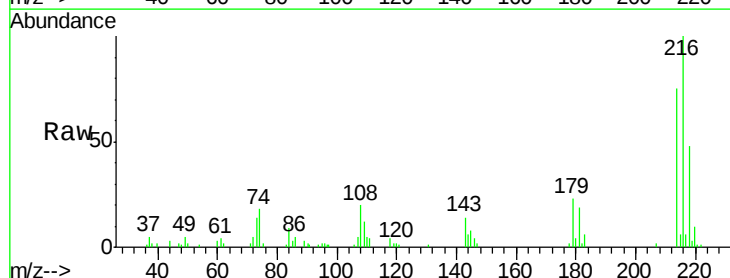
Tgt Ion:216 Resp: 50444

Ion Ratio Lower Upper

216 100

214 74.8 62.5 93.7

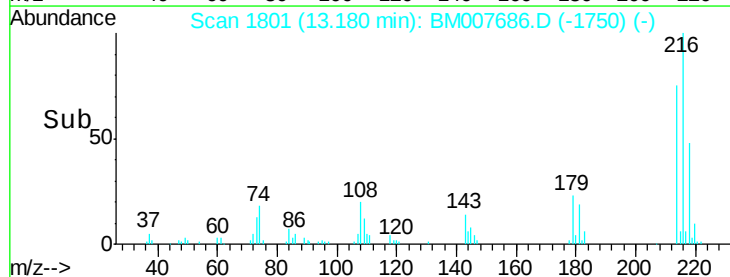
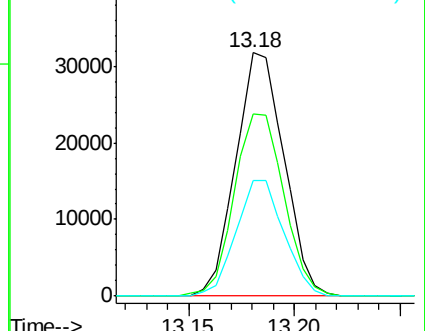
218 47.6 38.4 57.6

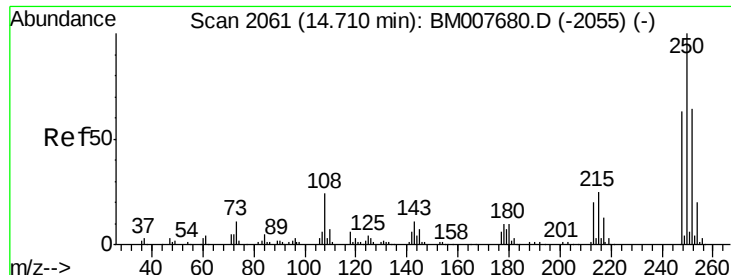


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

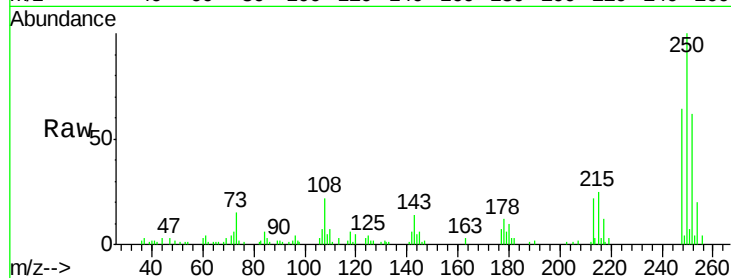




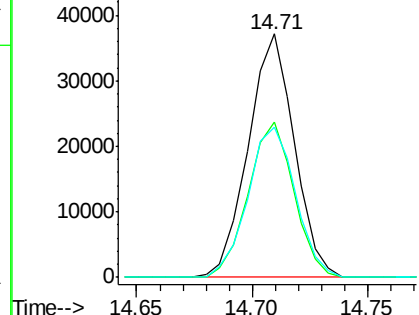
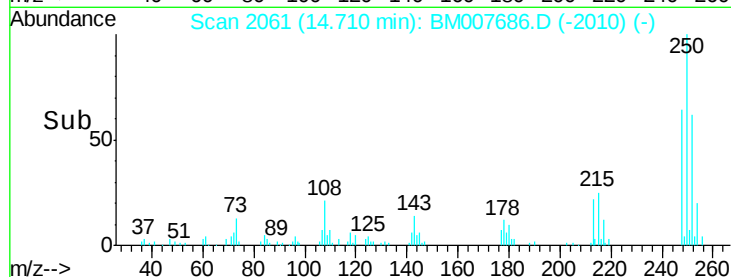
#22
 Pentachlorobenzene
 Concen: 3.16 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM007686.D
 Acq: 19 Oct 2016 23:37

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

Tgt Ion	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



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