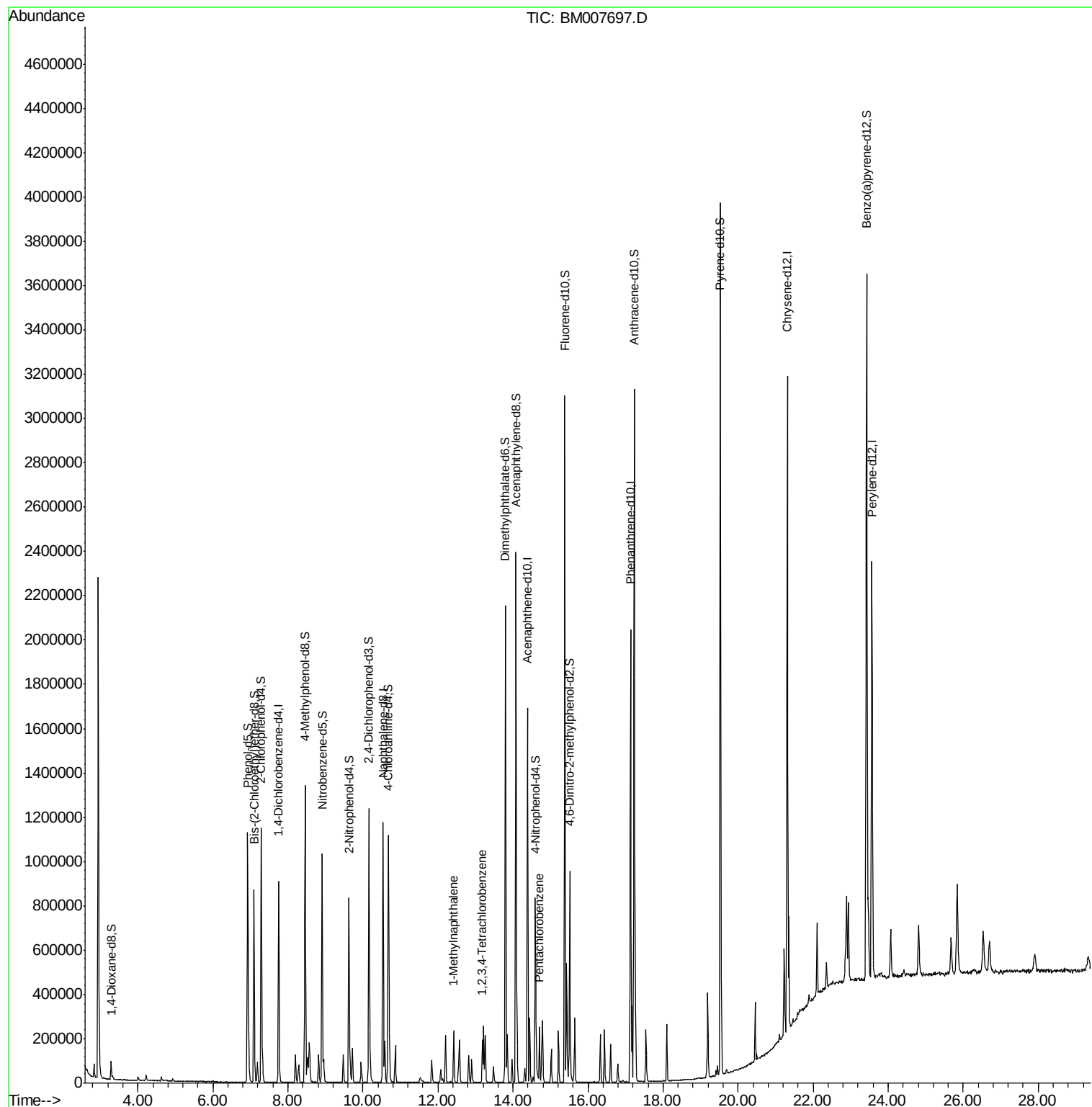
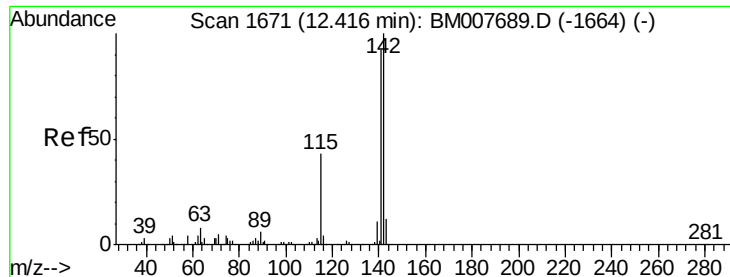


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007697.D
Acq On : 20 Oct 2016 07:11
Operator : UM/SJ
Sample : MDL-07-W
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-W

Quant Time: Oct 20 07:59:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 03:26:07 2016
Response via : Initial Calibration

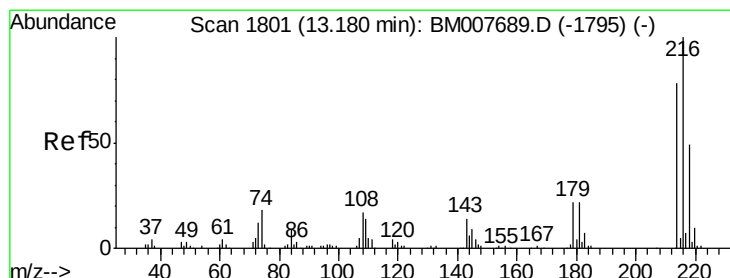
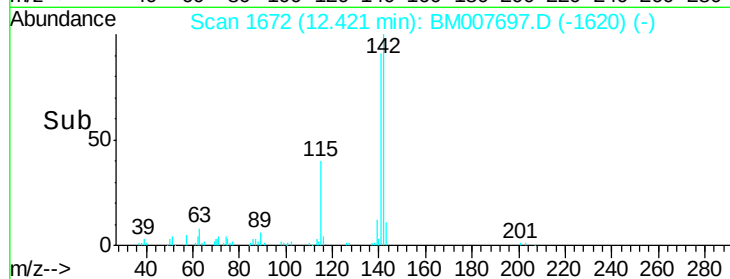
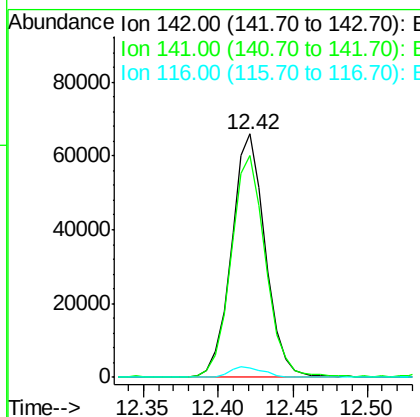
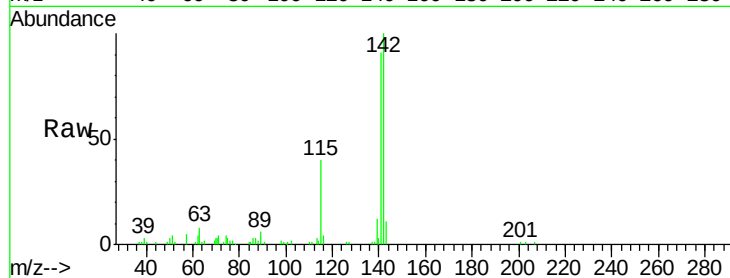




#12
 1-Methylnaphthalene
 Concen: 3.27 ng/uL
 RT: 12.42 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BM007697.D
 Acq: 20 Oct 2016 07:11

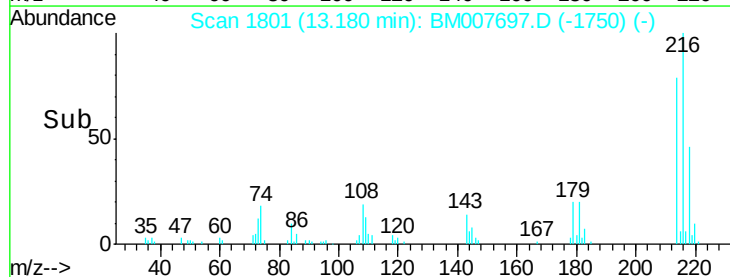
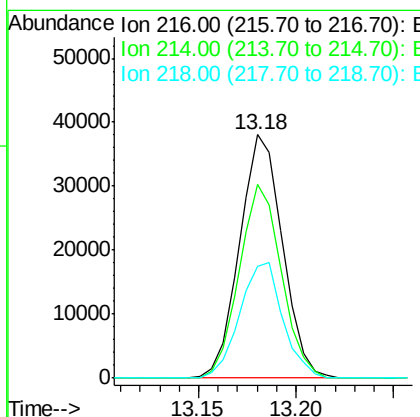
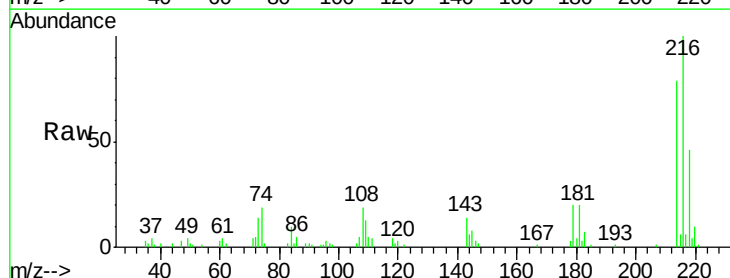
Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

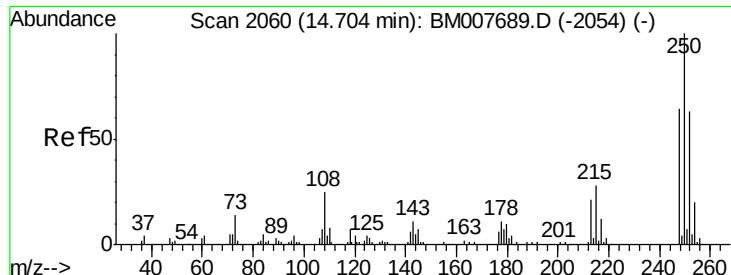
Tgt Ion:142 Resp: 103947
 Ion Ratio Lower Upper
 142 100
 141 91.2 74.9 112.3
 116 4.1 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.50 ng/uL
 RT: 13.18 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BM007697.D
 Acq: 20 Oct 2016 07:11

Tgt Ion:216 Resp: 57879
 Ion Ratio Lower Upper
 216 100
 214 79.3 62.5 93.7
 218 46.0 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.56 ng/uL

RT: 14.71 min Scan# 2061

Delta R.T. 0.01 min

Lab File: BM007697.D

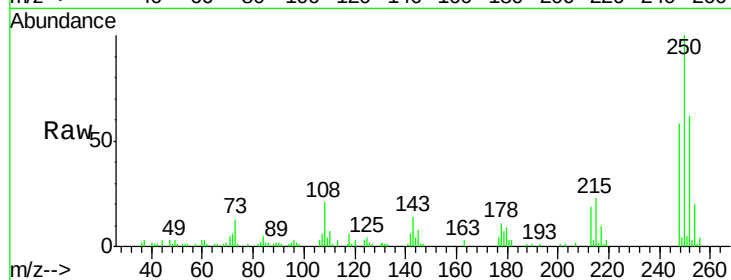
Acq: 20 Oct 2016 07:11

Instrument :

BNA_M

ClientSampleId :

MDL-07-W



Tgt Ion:250 Resp: 61449

Ion Ratio Lower Upper

250 100

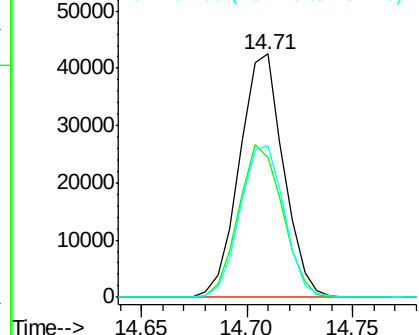
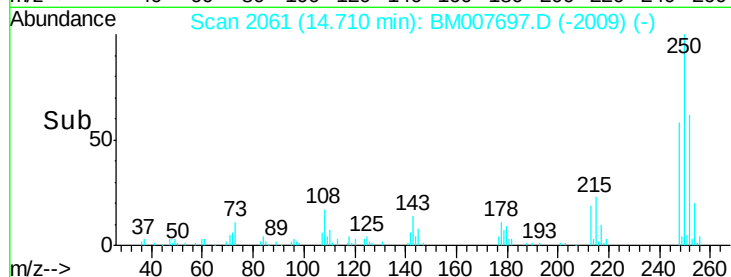
248 57.7 50.6 75.8

252 62.2 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 : BM007697.D
 Acq On : 20 Oct 2016 07:11
 Operator : UM/SJ
 Sample : MDL-07-W
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-07-W

Quant Time: Oct 20 07:59:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 03:26:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	242617	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	922774	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	578679	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1135155	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1426830	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1436768	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	41233	7.25	ng/uL	0.00
3) Phenol-d5	6.93	99	621218	33.05	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	373579	33.53	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	496842	34.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	480398	32.52	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	231896	35.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	255252	35.88	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	457515	32.68	ng/ul	0.00
11) 4-Chloroaniline-d4	10.67	131	580726	36.56	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1372514	34.00	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1650951	34.89	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	198751	29.94	ng/ul	0.00
17) Fluorene-d10	15.38	176	1176548	33.77	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	208133	30.26	ng/ul	0.00
20) Anthracene-d10	17.23	188	1751886	33.94	ng/ul	0.00
24) Pyrene-d10	19.53	212	2050321	35.50	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	2175942	34.77	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	103947	3.27	ng/ul	98
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	57879	3.50	ng/uL	98
22) Pentachlorobenzene	14.71	250	61449	3.56	ng/uL	95

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