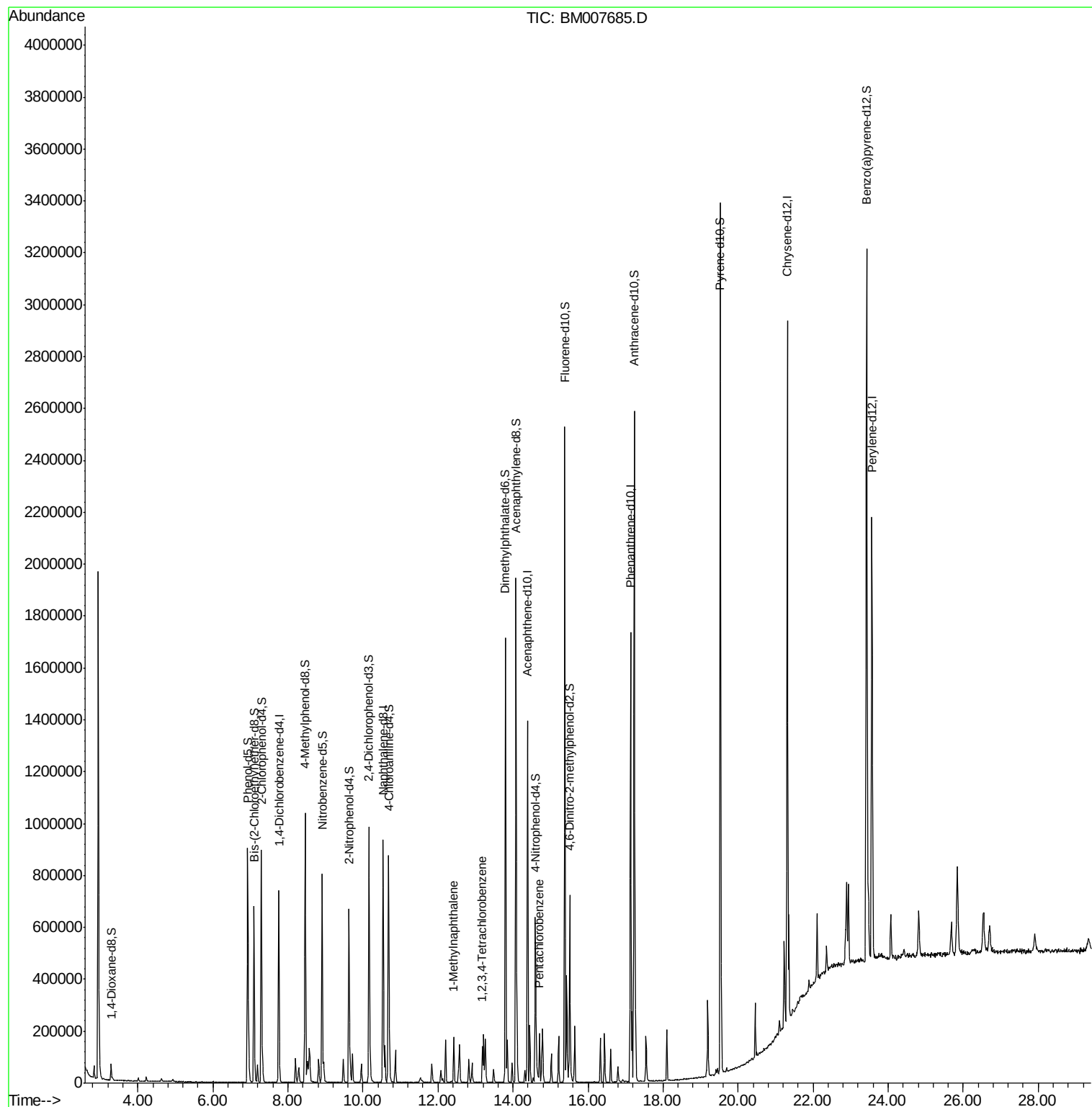
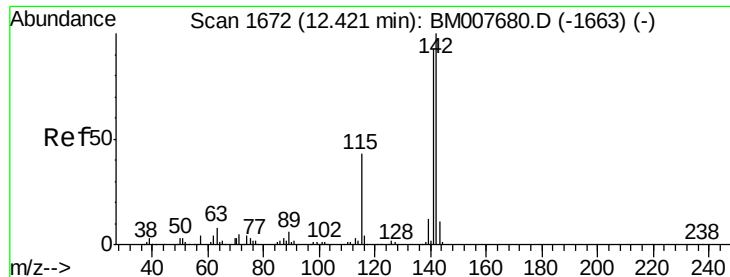


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007685.D
Acq On : 19 Oct 2016 23:01
Operator : UM/SJ
Sample : MDL-04-S-ML
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

Quant Time: Oct 20 03:13:02 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

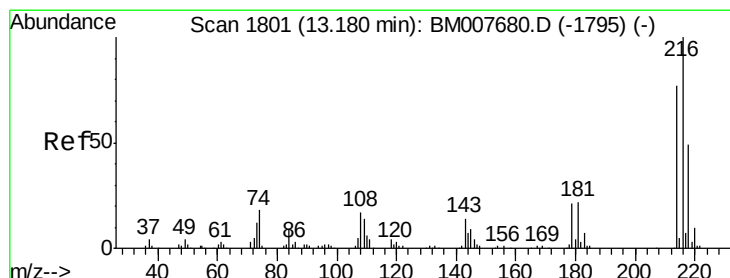
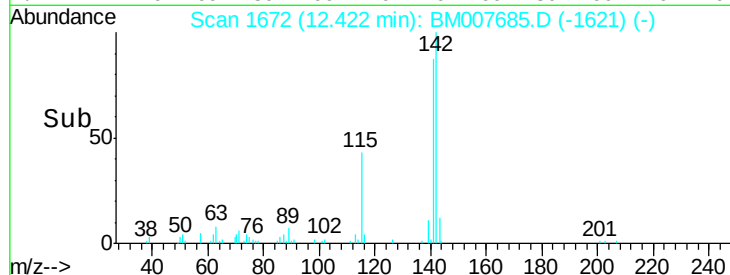
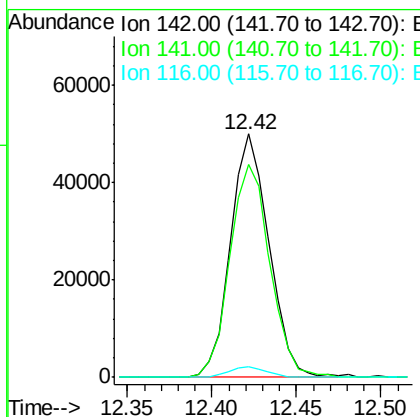
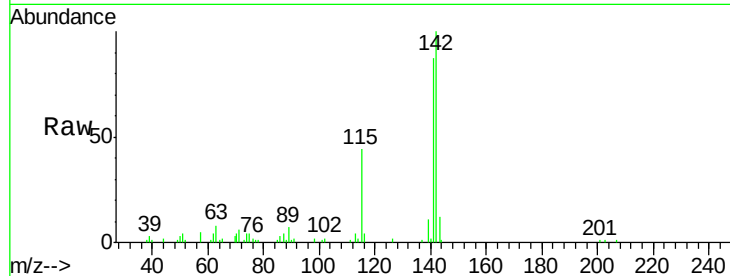




#12
1-Methylnaphthalene
Concen: 3.09 ng/uL
RT: 12.42 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BM007685.D
Acq: 19 Oct 2016 23:01

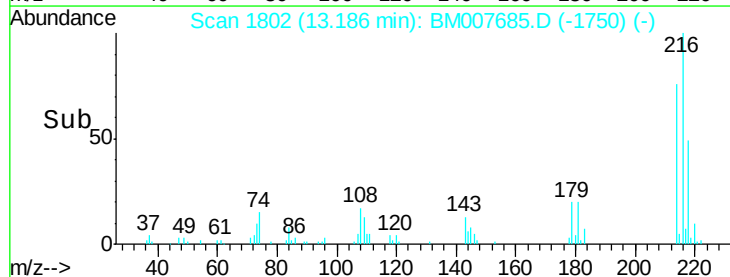
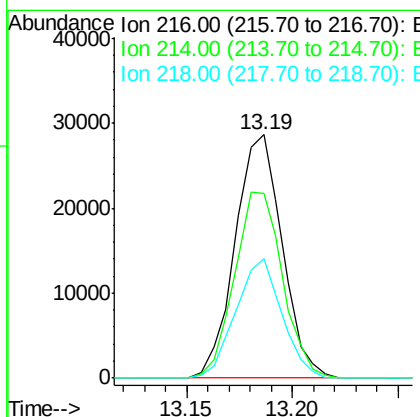
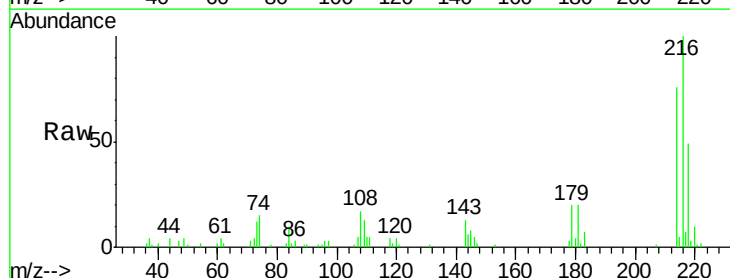
Instrument :
BNA_M
ClientSampleId :
MDL-04-S-ML

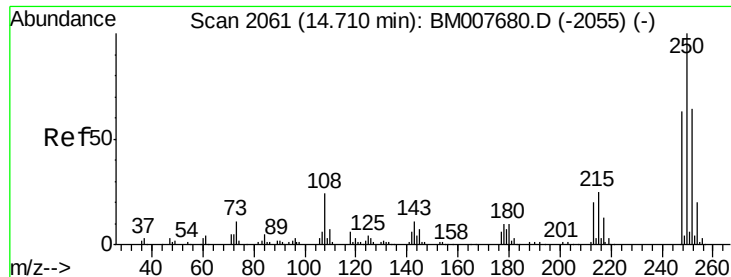
Tgt Ion:142 Resp: 79499
Ion Ratio Lower Upper
142 100
141 87.2 74.9 112.3
116 4.4 3.1 4.7



#21
1,2,3,4-Tetrachlorobenzene
Concen: 3.12 ng/uL
RT: 13.19 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BM007685.D
Acq: 19 Oct 2016 23:01

Tgt Ion:216 Resp: 44195
Ion Ratio Lower Upper
216 100
214 75.9 62.5 93.7
218 49.2 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.21 ng/uL

RT: 14.71 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BM007685.D

Acq: 19 Oct 2016 23:01

Instrument :

BNA_M

ClientSampleId :

MDL-04-S-ML

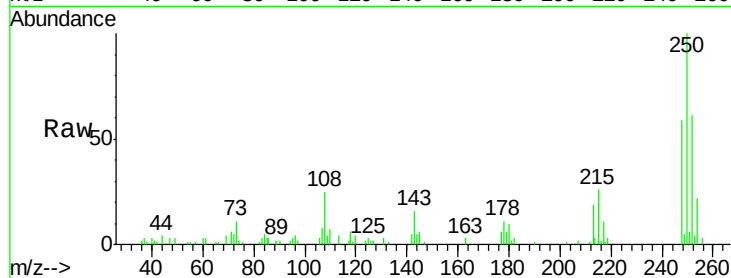
Tgt Ion:250 Resp: 47572

Ion Ratio Lower Upper

250 100

248 59.3 50.6 75.8

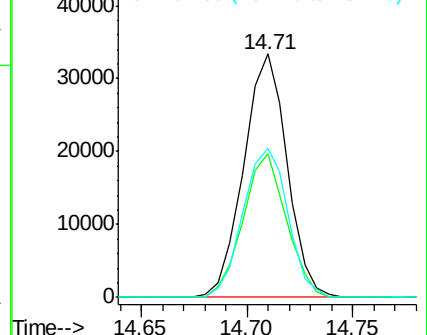
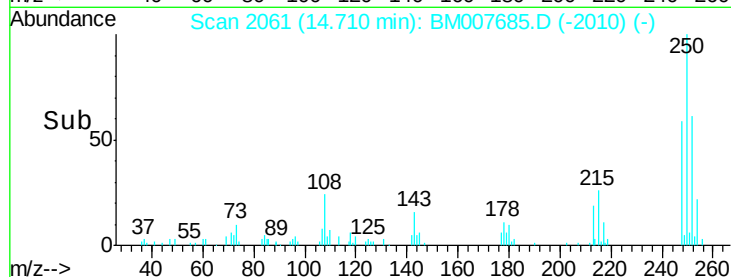
252 61.0 51.4 77.0



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 : BM007685.D
 Acq On : 19 Oct 2016 23:01
 Operator : UM/SJ
 Sample : MDL-04-S-ML
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-04-S-ML

Quant Time: Oct 20 03:13:02 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	195336	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	748379	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	478641	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	972979	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1279839	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1301910	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	33064	7.22	ng/uL	0.00
3) Phenol-d5	6.93	99	492703	32.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	300407	33.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	389915	33.56	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	382416	32.15	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	178829	33.83	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	201161	34.86	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	367869	32.40	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	465884	36.16	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1120002	33.54	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1330374	33.99	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	154319	28.11	ng/ul	0.00
17) Fluorene-d10	15.38	176	965834	33.52	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	167718	28.45	ng/ul	0.00
20) Anthracene-d10	17.23	188	1453571	32.86	ng/ul	0.00
24) Pyrene-d10	19.53	212	1732512	33.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1917004	33.81	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	79499	3.09	ng/ul	94
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	44195	3.12	ng/uL	98
22) Pentachlorobenzene	14.71	250	47572	3.21	ng/uL	95

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