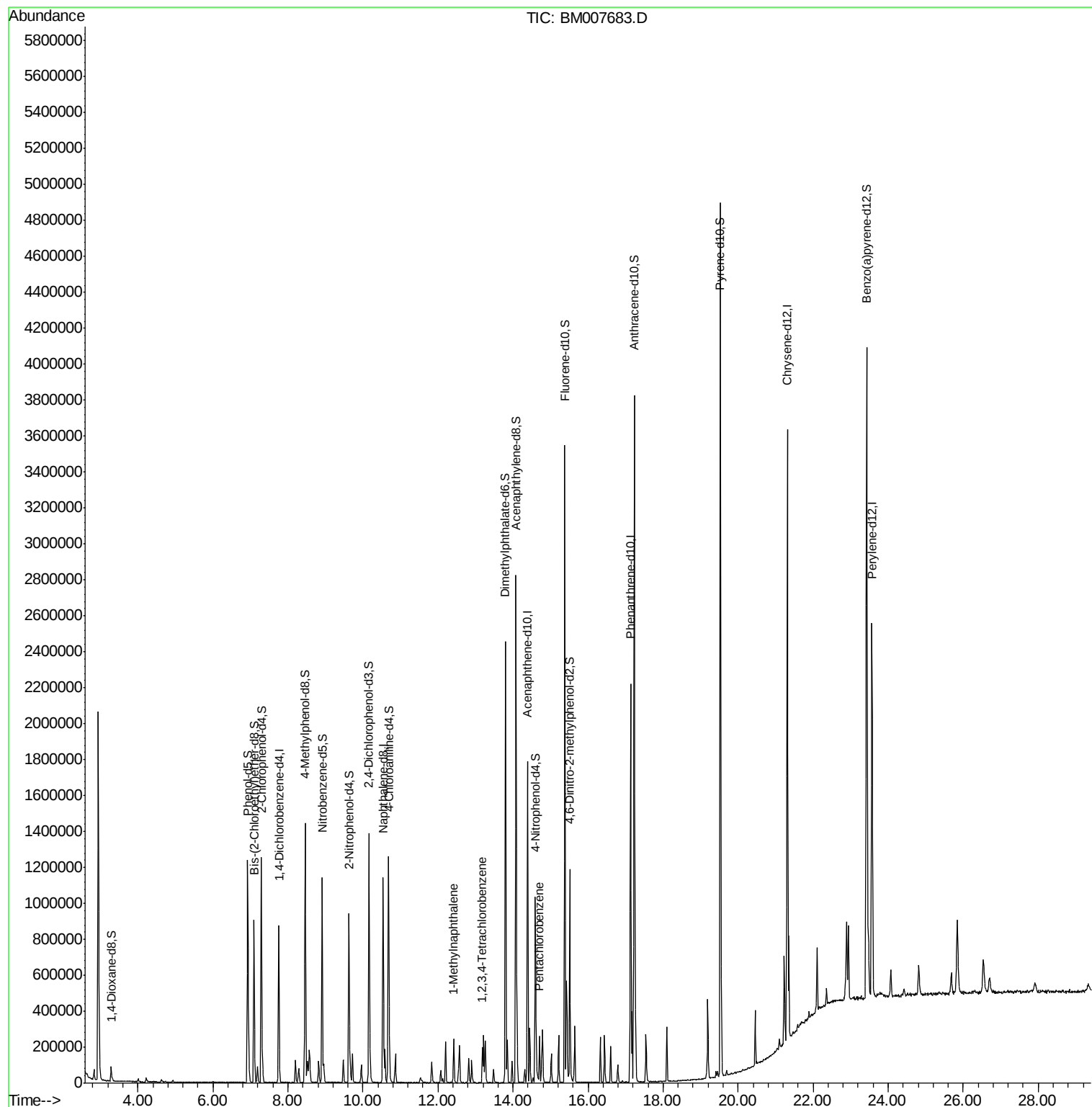
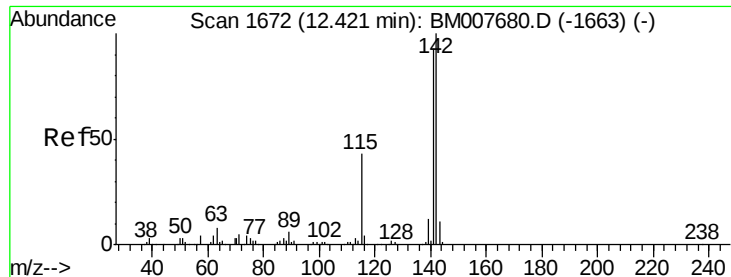


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007683.D
Acq On : 19 Oct 2016 21:50
Operator : UM/SJ
Sample : MDL-02-S-ML
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-02-S-ML

Quant Time: Oct 20 03:12:50 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

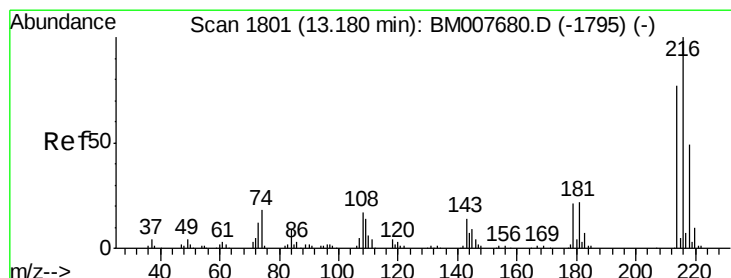
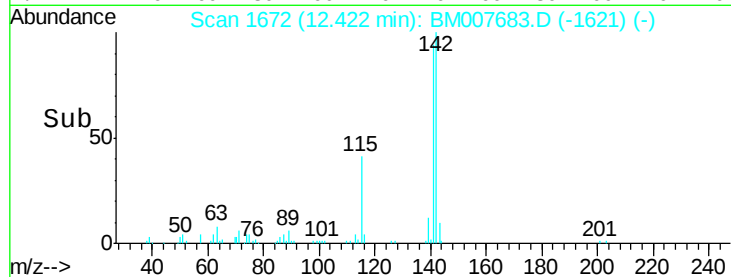
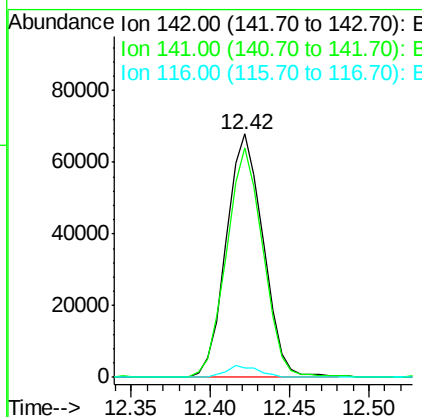
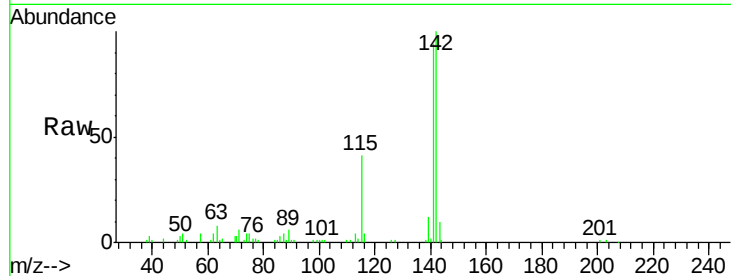




#12
 1-Methylnaphthalene
 Concen: 3.44 ng/uL
 RT: 12.42 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BM007683.D
 Acq: 19 Oct 2016 21:50

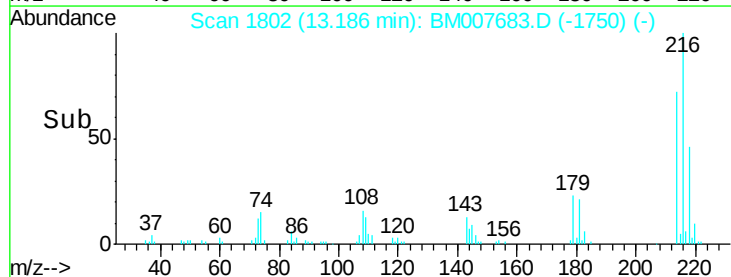
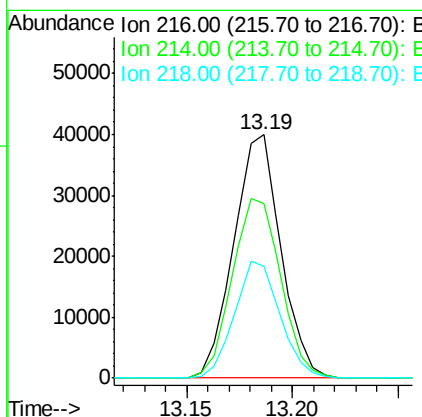
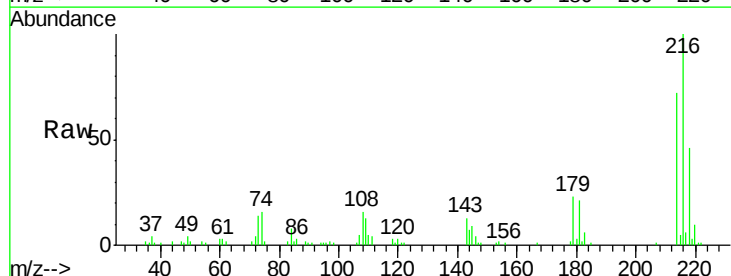
Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

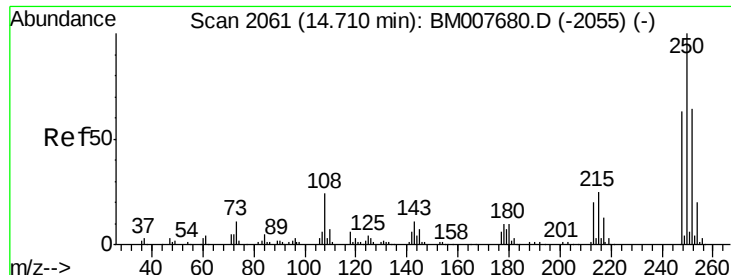
Tgt Ion:142 Resp: 109817
 Ion Ratio Lower Upper
 142 100
 141 94.2 74.9 112.3
 116 4.1 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.36 ng/uL
 RT: 13.19 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BM007683.D
 Acq: 19 Oct 2016 21:50

Tgt Ion:216 Resp: 61853
 Ion Ratio Lower Upper
 216 100
 214 71.6 62.5 93.7
 218 46.1 38.4 57.6

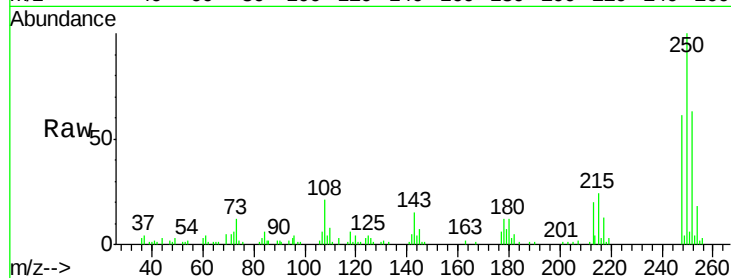




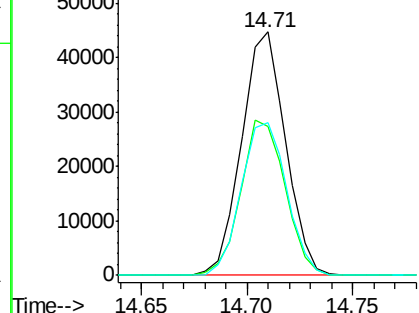
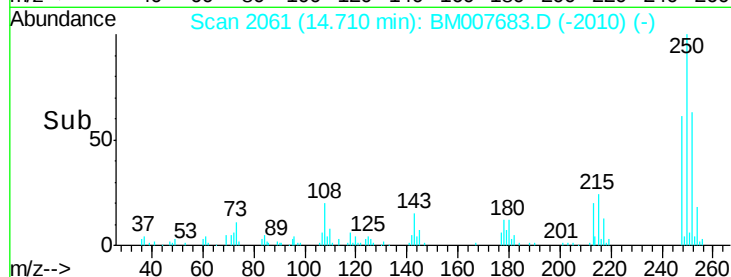
#22
 Pentachlorobenzene
 Concen: 3.35 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM007683.D
 Acq: 19 Oct 2016 21:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Tgt Ion	Ratio	Lower	Upper
250	100		
248	60.9	50.6	75.8
252	62.7	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 : BM007683.D
 Acq On : 19 Oct 2016 21:50
 Operator : UM/SJ
 Sample : MDL-02-S-ML
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-02-S-ML

Quant Time: Oct 20 03:12:50 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	233898	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	926512	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	614150	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1264135	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1615130	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1566035	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.29	96	43454	7.93	ng/uL	0.00
3) Phenol-d5	6.93	99	672674	37.12	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	401388	37.37	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	528333	37.98	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	532195	37.37	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	255444	39.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	281358	39.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	514450	36.60	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	659276	41.33	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1615893	37.72	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1922277	38.27	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	247263	35.10	ng/ul	0.00
17) Fluorene-d10	15.38	176	1385045	37.46	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	255948	33.41	ng/ul	0.00
20) Anthracene-d10	17.23	188	2123803	36.95	ng/ul	0.00
24) Pyrene-d10	19.53	212	2516430	38.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	2582747	37.86	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.42	142	109817	3.44	ng/ul	99
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	61853	3.36	ng/uL	94
22) Pentachlorobenzene	14.71	250	64528	3.35	ng/uL	98

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