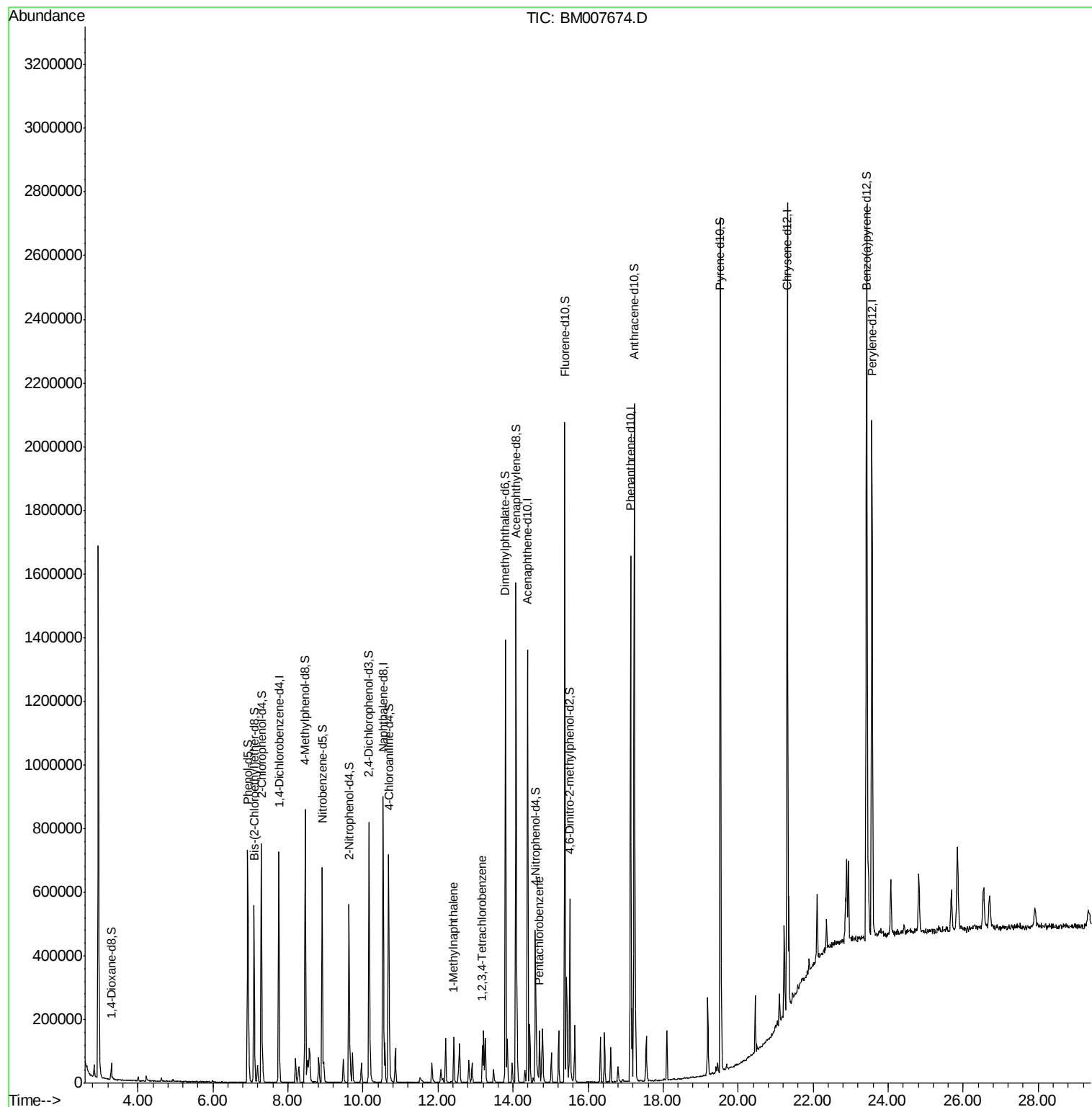
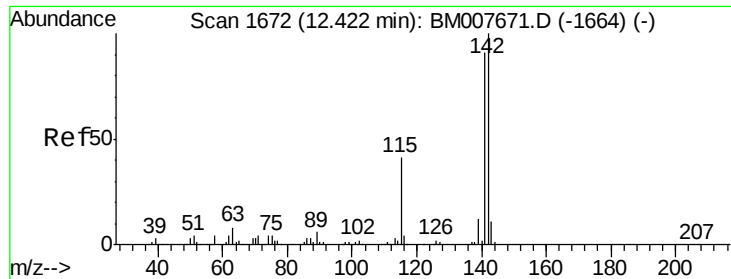


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007674.D
Acq On : 19 Oct 2016 16:31
Operator : UM/SJ
Sample : MDL-03-S
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-03-S

Quant Time: Oct 19 17:39:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 14:54:51 2016
Response via : Initial Calibration

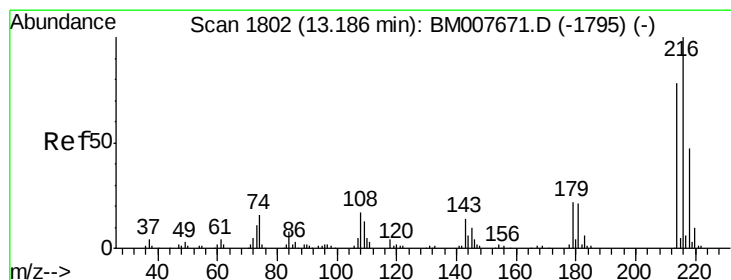
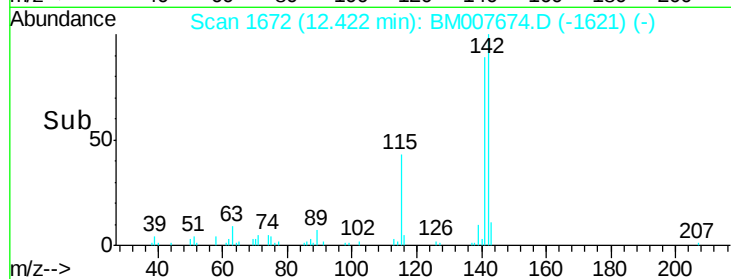
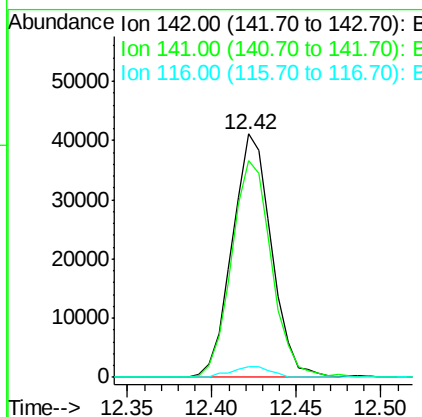
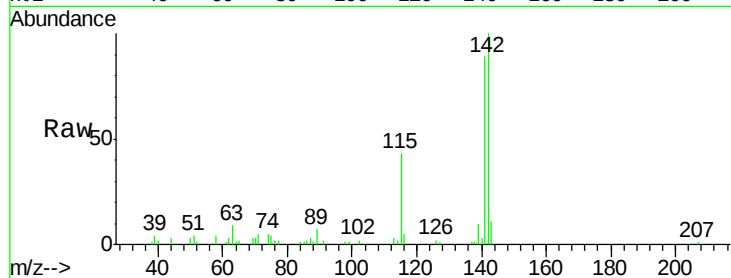




#12
 1-Methylnaphthalene
 Concen: 2.64 ng/uL
 RT: 12.42 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BM007674.D
 Acq: 19 Oct 2016 16:31

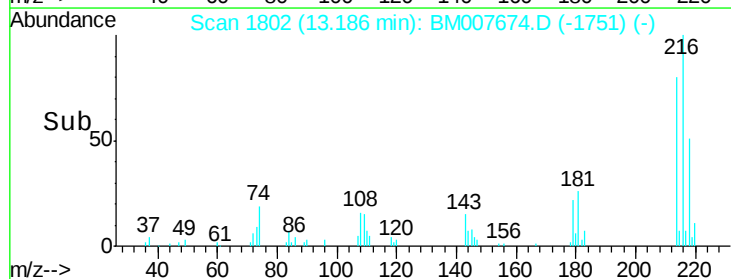
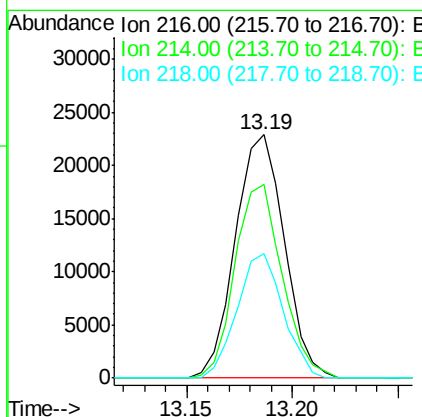
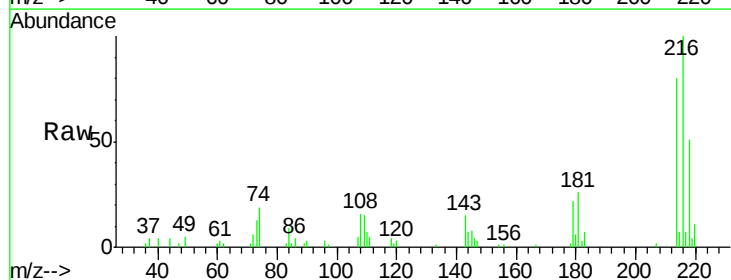
Instrument :
 BNA_M
 ClientSampled :
 MDL-03-S

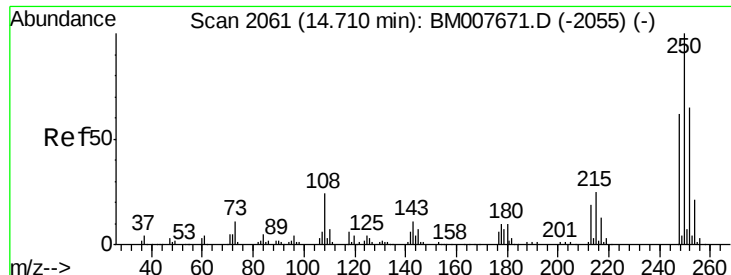
Tgt Ion:142 Resp: 66669
 Ion Ratio Lower Upper
 142 100
 141 88.8 74.9 112.3
 116 4.6 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.72 ng/uL
 RT: 13.19 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM007674.D
 Acq: 19 Oct 2016 16:31

Tgt Ion:216 Resp: 36879
 Ion Ratio Lower Upper
 216 100
 214 79.8 62.5 93.7
 218 51.1 38.4 57.6

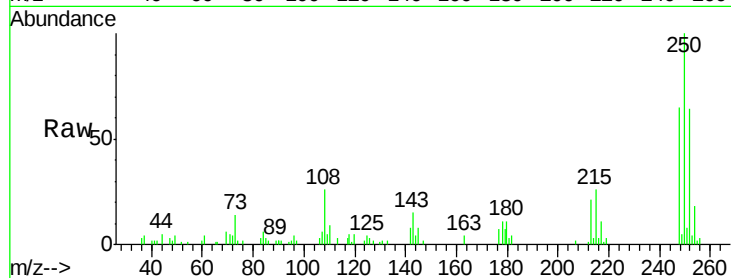




#22
 Pentachlorobenzene
 Concen: 2.74 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BM007674.D
 Acq: 19 Oct 2016 16:31

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S

Tgt Ion	Ratio	Lower	Upper
250	100		
248	64.8	50.6	75.8
252	64.4	51.4	77.0

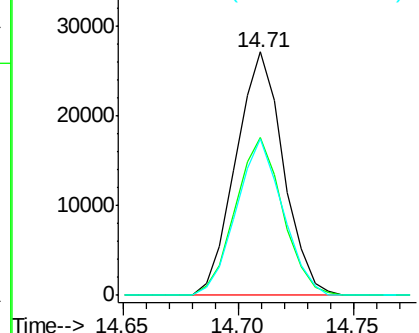
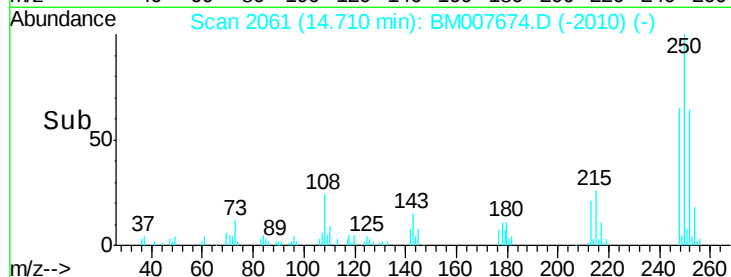


Abundance

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 : BM007674.D
 Acq On : 19 Oct 2016 16:31
 Operator : UM/SJ
 Sample : MDL-03-S
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-03-S

Quant Time: Oct 19 17:39:37 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 14:54:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	191289	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	733684	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	466596	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	930330	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1198894	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1221913	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	26959	6.01	ng/uL	0.00
3) Phenol-d5	6.93	99	412594	27.84	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	246885	28.10	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	328780	28.90	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	317771	27.28	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	150907	29.12	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	164739	29.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	305939	27.48	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	385742	30.54	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	920236	28.27	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1103095	28.91	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	129623	24.22	ng/ul	0.00
17) Fluorene-d10	15.38	176	795220	28.31	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	132137	23.44	ng/ul	0.00
20) Anthracene-d10	17.23	188	1195157	28.26	ng/ul	0.00
24) Pyrene-d10	19.53	212	1406878	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1524825	28.65	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	66669	2.64	ng/ul	95
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	36879	2.72	ng/uL	97
22) Pentachlorobenzene	14.71	250	38874	2.74	ng/uL	99

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