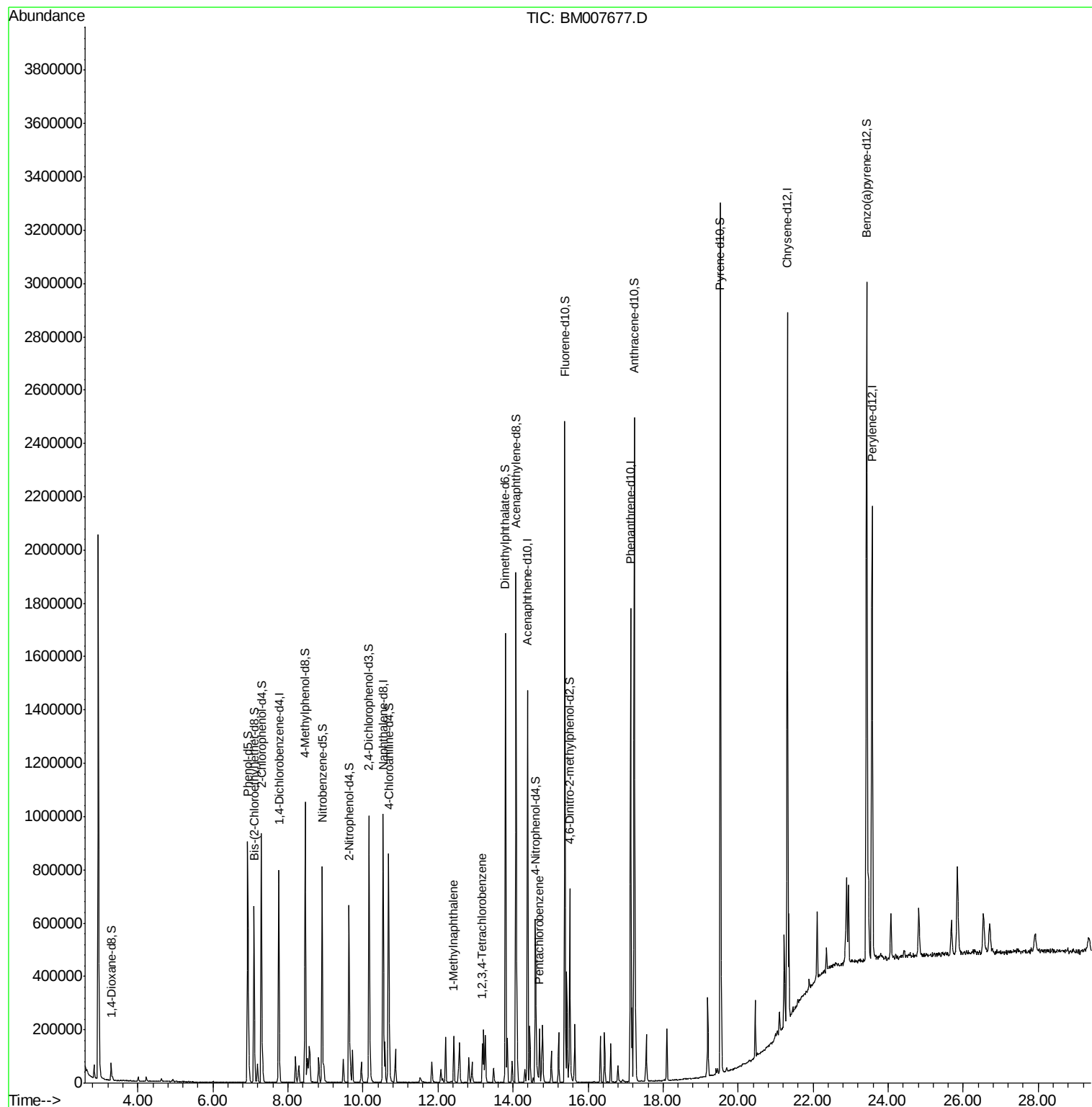
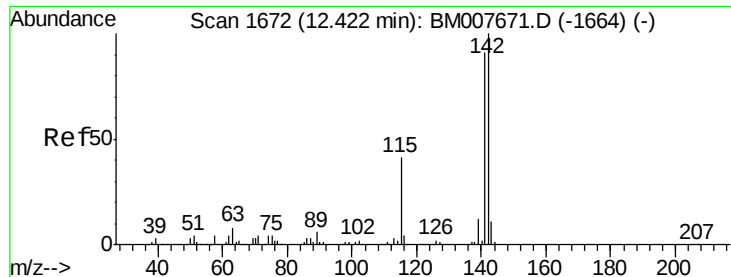


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007677.D
Acq On : 19 Oct 2016 18:17
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Quant Time: Oct 19 18:50:21 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

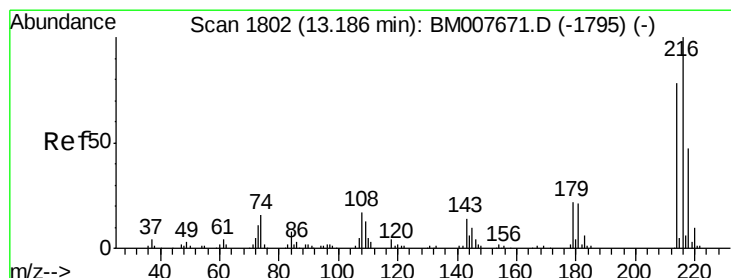
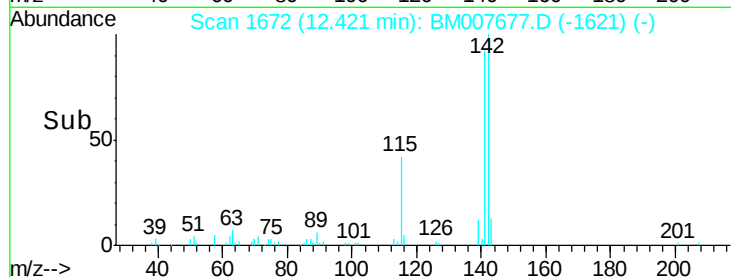
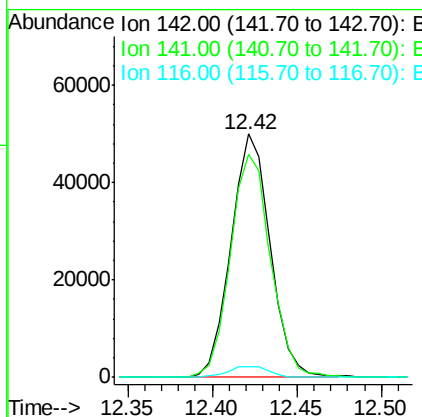
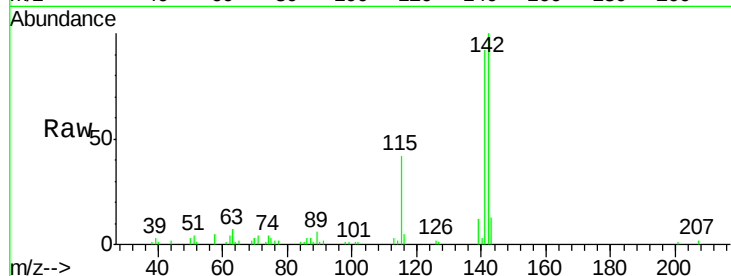




#12
 1-Methylnaphthalene
 Concen: 2.89 ng/uL
 RT: 12.42 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BM007677.D
 Acq: 19 Oct 2016 18:17

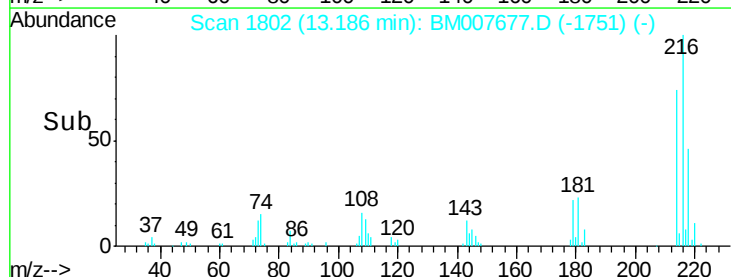
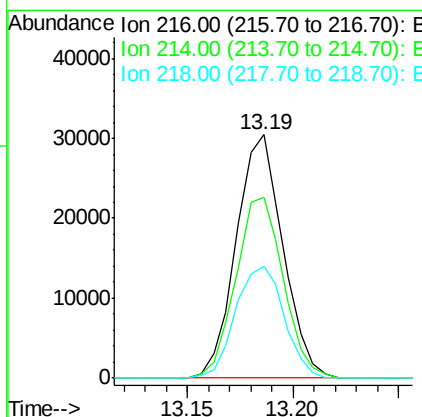
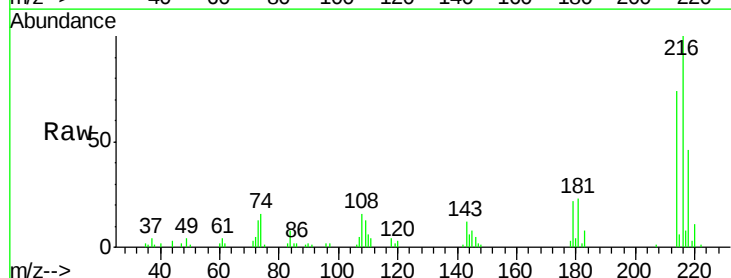
Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

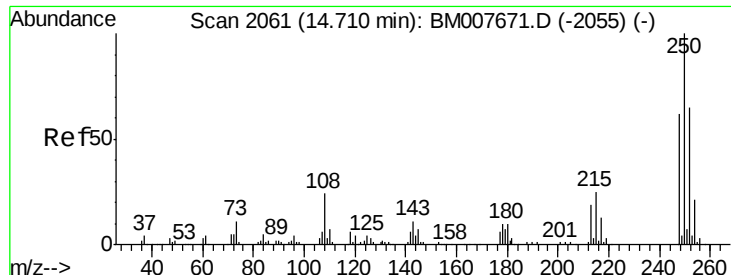
Tgt Ion:142 Resp: 80835
 Ion Ratio Lower Upper
 142 100
 141 91.8 74.9 112.3
 116 4.6 3.1 4.7



#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.13 ng/uL
 RT: 13.19 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BM007677.D
 Acq: 19 Oct 2016 18:17

Tgt Ion:216 Resp: 46647
 Ion Ratio Lower Upper
 216 100
 214 74.3 62.5 93.7
 218 45.7 38.4 57.6





#22

Pentachlorobenzene

Concen: 3.08 ng/uL

RT: 14.71 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BM007677.D

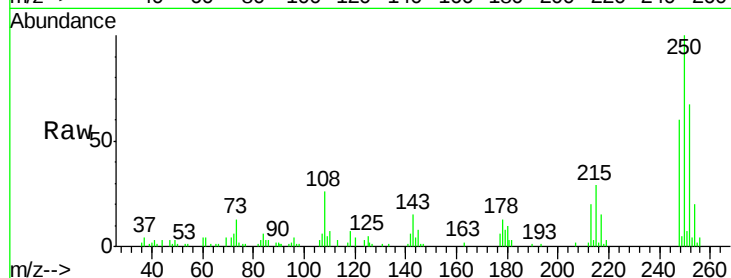
Acq: 19 Oct 2016 18:17

Instrument :

BNA_M

ClientSampleId :

MDL-06-S



Tgt Ion: 250 Resp: 47972

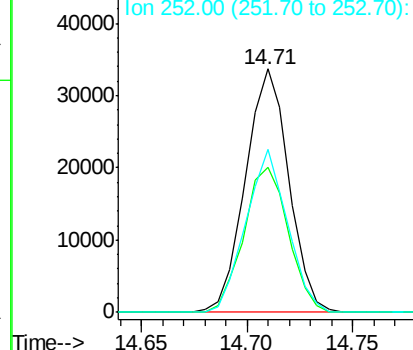
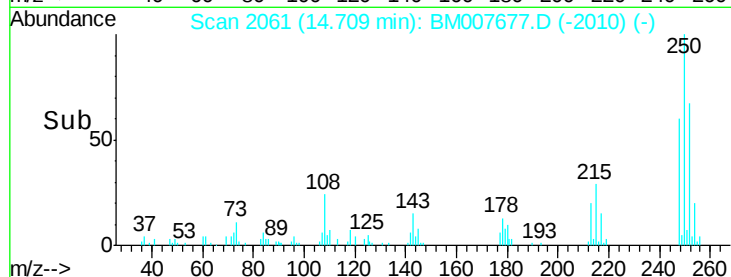
Ion Ratio Lower Upper

250 100

248 59.6 50.6 75.8

252 66.9 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 : BM007677.D
 Acq On : 19 Oct 2016 18:17
 Operator : UM/SJ
 Sample : MDL-06-S
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S

Quant Time: Oct 19 18:50:21 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	213499	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	813866	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	511198	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1022432	20.00	ng/ul	0.00
23) Chrysene-d12	21.31	240	1291103	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1302383	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	35294	7.05	ng/uL	0.00
3) Phenol-d5	6.93	99	491165	29.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	298190	30.41	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	399579	31.46	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	388377	29.87	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	185185	32.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	202365	32.25	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	368710	29.86	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	463390	33.07	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1097760	30.78	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1325857	31.72	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	158480	27.03	ng/ul	0.00
17) Fluorene-d10	15.38	176	955080	31.04	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	164714	26.59	ng/ul	0.00
20) Anthracene-d10	17.23	188	1418311	30.51	ng/ul	0.00
24) Pyrene-d10	19.53	212	1666581	31.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1790334	31.56	ng/ul	0.00

Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.42	142	80835	2.89	ng/ul	98
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	46647	3.13	ng/uL	96
22) Pentachlorobenzene	14.71	250	47972	3.08	ng/uL	96

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