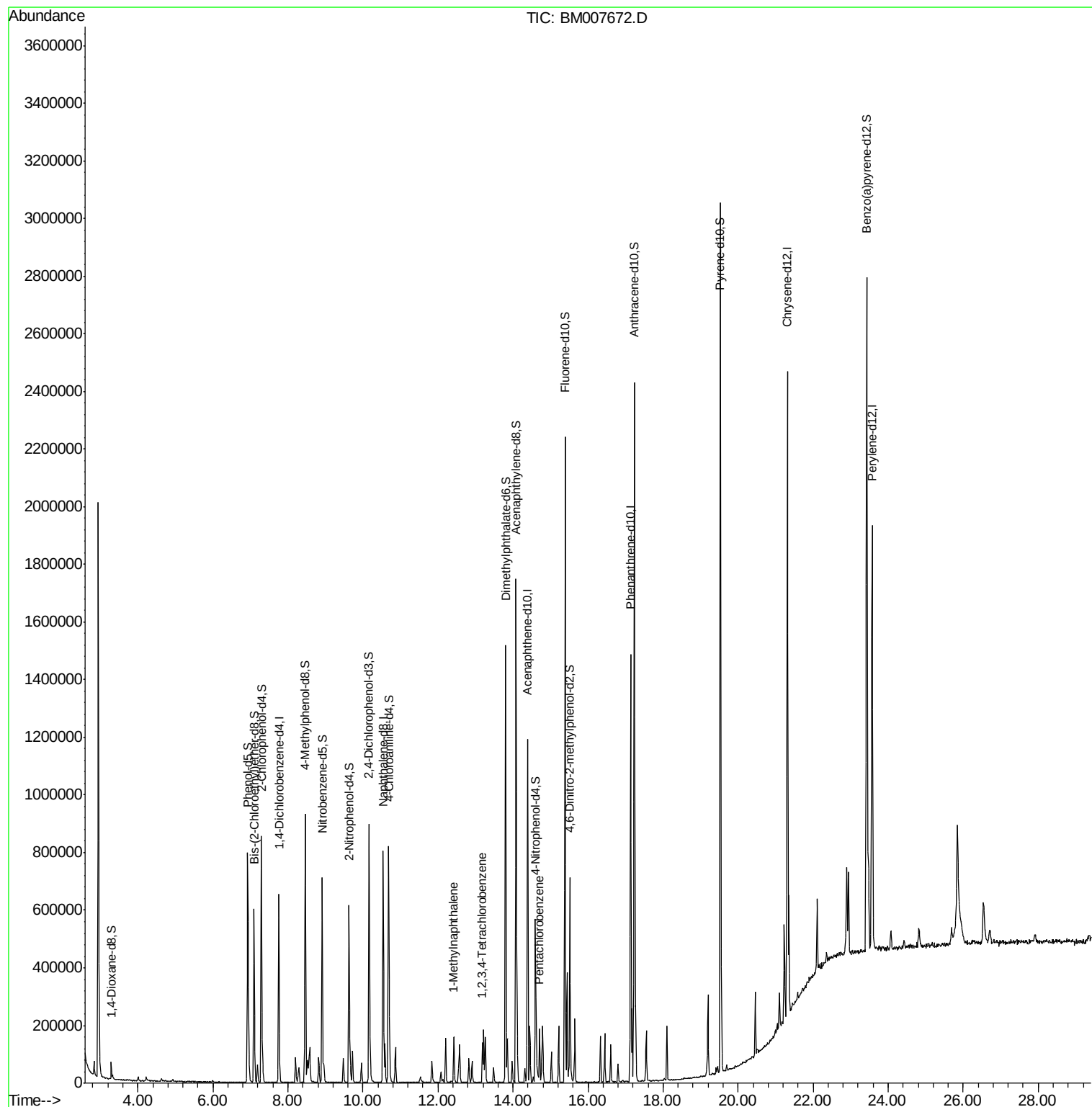
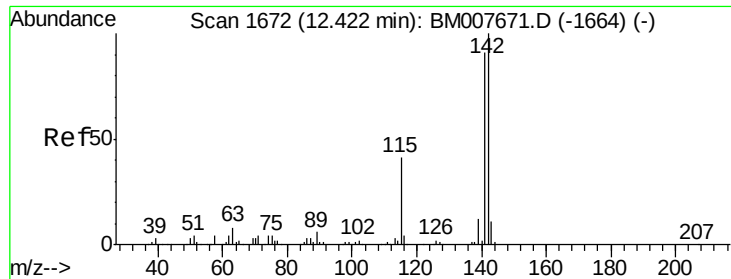


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
Data File : BM007672.D
Acq On : 19 Oct 2016 15:20
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Quant Time: Oct 19 17:39:21 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

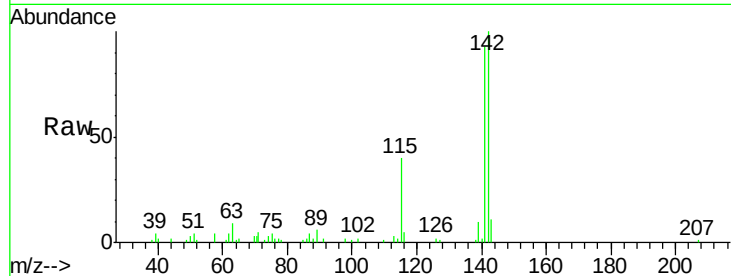




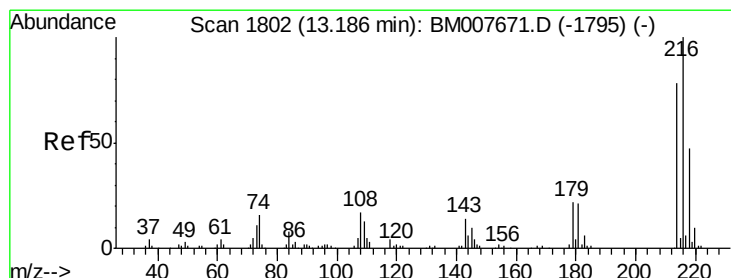
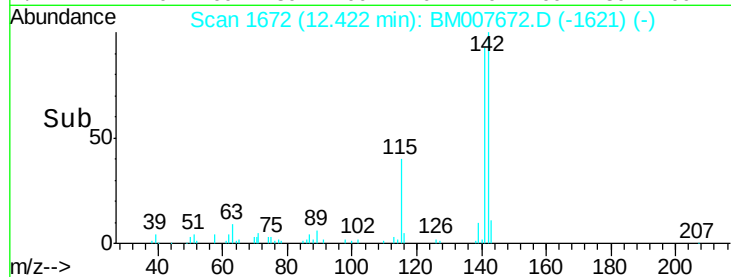
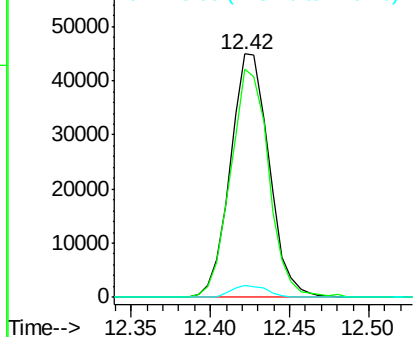
#12
 1-Methylnaphthalene
 Concen: 3.42 ng/uL
 RT: 12.42 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BM007672.D
 Acq: 19 Oct 2016 15:20

Instrument :
 BNA_M
 ClientSampleID :
 MDL-01-S

Tgt Ion:142 Resp: 76455
 Ion Ratio Lower Upper
 142 100
 141 93.5 74.9 112.3
 116 5.0 3.1 4.7#

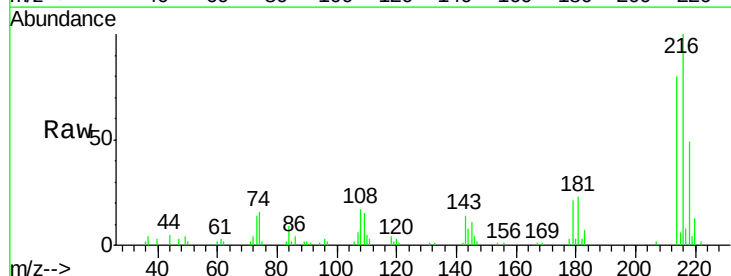


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

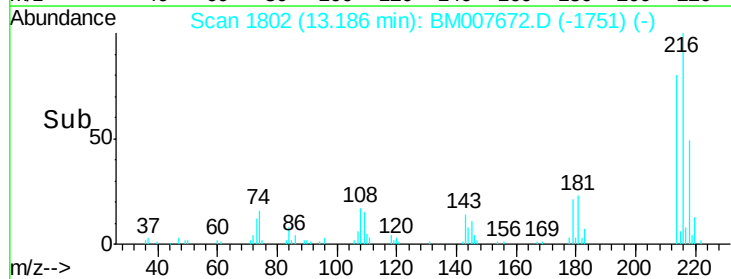
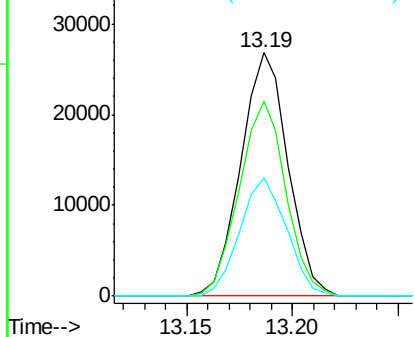


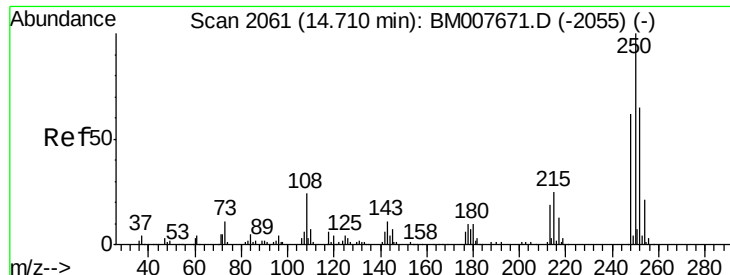
#21
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.38 ng/uL
 RT: 13.19 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BM007672.D
 Acq: 19 Oct 2016 15:20

Tgt Ion:216 Resp: 41506
 Ion Ratio Lower Upper
 216 100
 214 80.3 62.5 93.7
 218 48.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#22

Pentachlorobenzene

Concen: 3.37 ng/uL

RT: 14.71 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BM007672.D

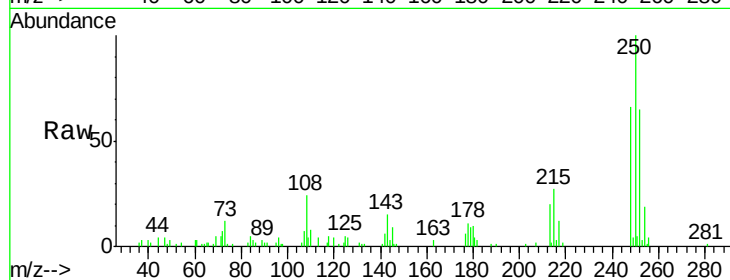
Acq: 19 Oct 2016 15:20

Instrument :

BNA_M

ClientSampleId :

MDL-01-S



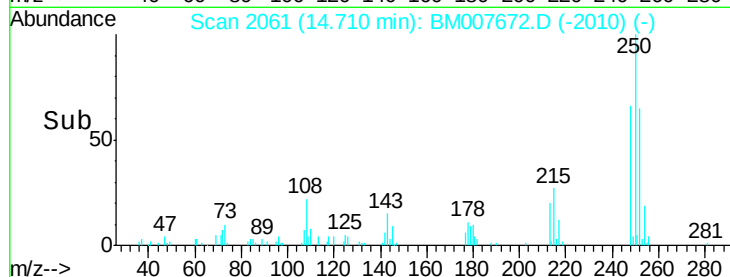
Tgt Ion:250 Resp: 43259

Ion Ratio Lower Upper

250 100

248 66.1 50.6 75.8

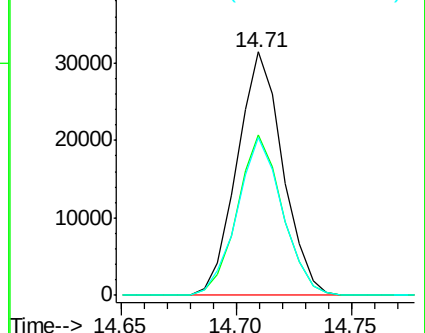
252 64.8 51.4 77.0



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 : BM007672.D
 Acq On : 19 Oct 2016 15:20
 Operator : UM/SJ
 Sample : MDL-01-S
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S

Quant Time: Oct 19 17:39:21 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	169159	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	649470	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	423865	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	843681	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1095307	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1119704	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	30387	7.66	ng/uL	0.00
3) Phenol-d5	6.93	99	447519	34.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	267809	34.47	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	361081	35.89	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	351162	34.09	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	165767	36.13	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	184965	36.94	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	339774	34.48	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	430047	38.46	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1040418	35.19	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1227513	35.41	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	147503	30.34	ng/ul	0.00
17) Fluorene-d10	15.39	176	886820	34.75	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	157704	30.85	ng/ul	0.00
20) Anthracene-d10	17.23	188	1347259	35.12	ng/ul	0.00
24) Pyrene-d10	19.53	212	1595039	35.97	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1745162	35.78	ng/ul	0.00

Target Compounds

					Qvalue
12) 1-Methylnaphthalene	12.42	142	76455	3.42 ng/ul#	100
21) 1,2,3,4-Tetrachlorobenzene	13.19	216	41506	3.38 ng/uL	98
22) Pentachlorobenzene	14.71	250	43259	3.37 ng/uL	98

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