

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007696.D
 Acq On : 20 Oct 2016 06:35
 Operator : UM/SJ
 Sample : MDL-06-W
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Quant Time: Oct 20 07:59:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM101916-MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 03:26:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	242882	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	928033	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	584853	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1149631	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1449900	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1476913	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	40182	7.06	ng/uL	0.00
3) Phenol-d5	6.93	99	606223	32.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	364515	32.68	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	481799	33.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	468759	31.70	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	225605	34.42	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	246829	34.50	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	450965	32.03	ng/ul	0.00
11) 4-Chloroaniline-d4	10.67	131	567839	35.54	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1325833	32.50	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1601136	33.48	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	185368	27.63	ng/ul	0.00
17) Fluorene-d10	15.38	176	1141344	32.42	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	198356	28.47	ng/ul	0.00
20) Anthracene-d10	17.23	188	1700373	32.53	ng/ul	0.00
24) Pyrene-d10	19.53	212	1989897	33.90	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	2129911	33.11	ng/ul	0.00

Target Compounds

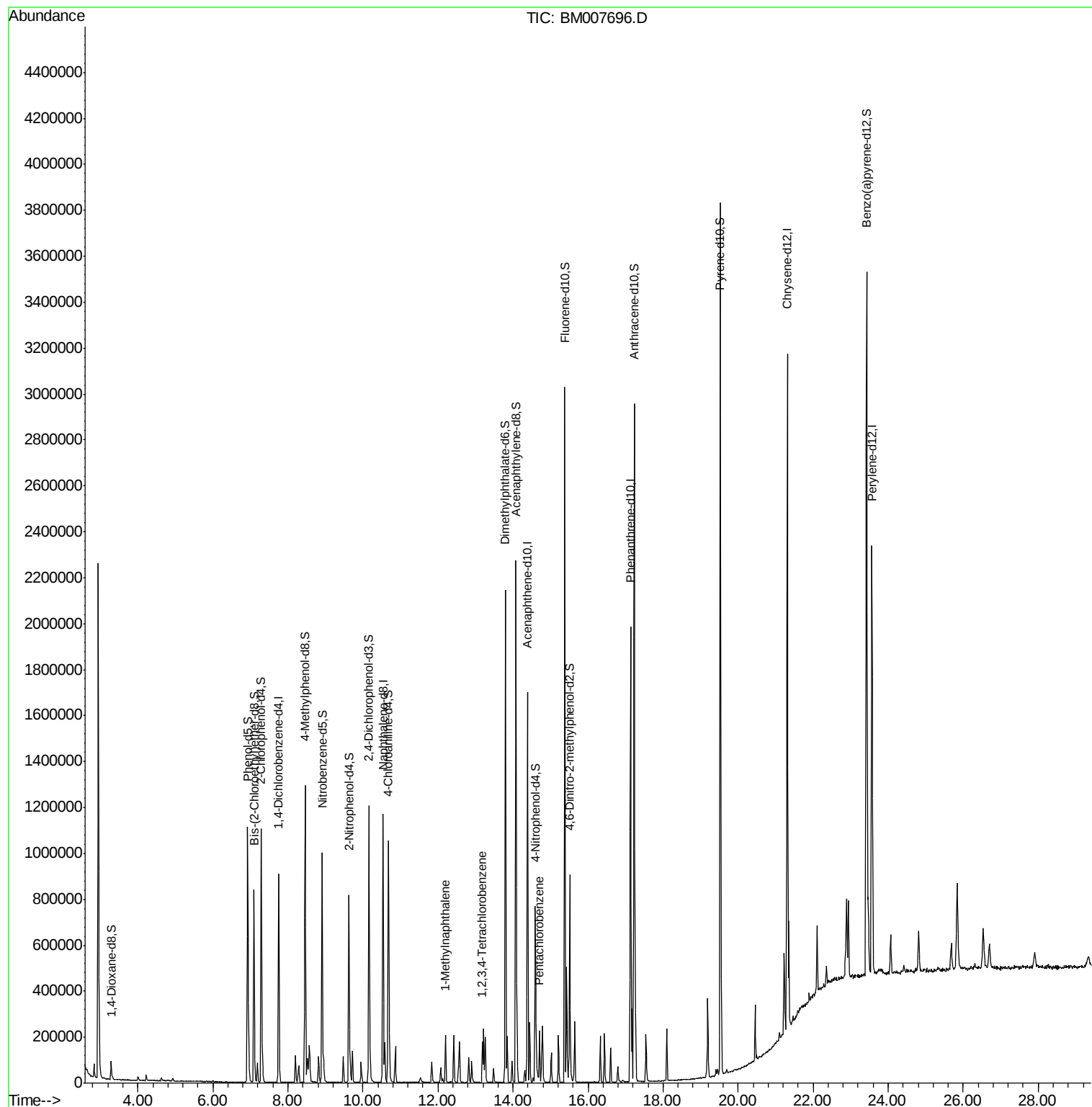
						Qvalue
12) 1-Methylnaphthalene	12.20	142	96373	3.02	ng/ul	96
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	54076	3.23	ng/uL	93
22) Pentachlorobenzene	14.70	250	55633	3.18	ng/uL	94

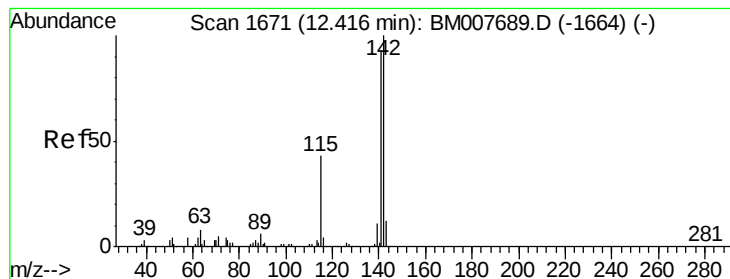
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 3.02 ng/uL

RT: 12.20 min Scan# 1634

Delta R.T. -0.22 min

Lab File: BM007696.D

Acq: 20 Oct 2016 06:35

Instrument :

BNA_M

ClientSampleId :

MDL-06-W

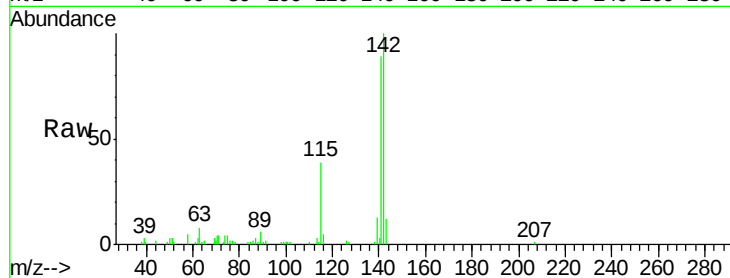
Tgt Ion:142 Resp: 96373

Ion Ratio Lower Upper

142 100

141 89.5 74.9 112.3

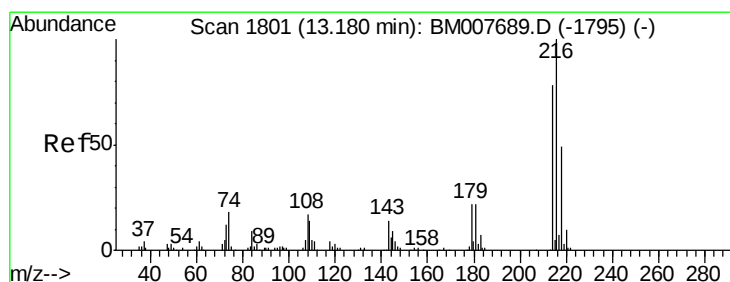
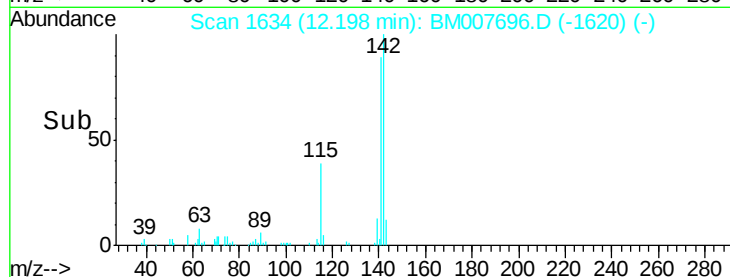
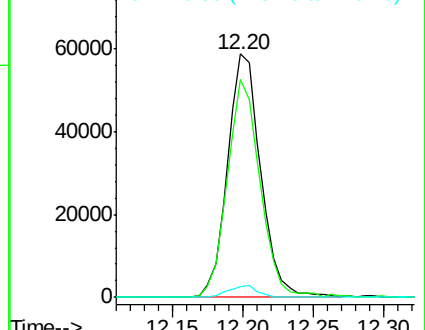
116 4.5 3.1 4.7



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: 3.23 ng/uL

RT: 13.18 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BM007696.D

Acq: 20 Oct 2016 06:35

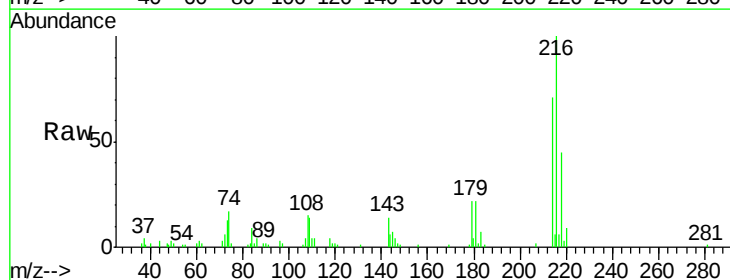
Tgt Ion:216 Resp: 54076

Ion Ratio Lower Upper

216 100

214 70.6 62.5 93.7

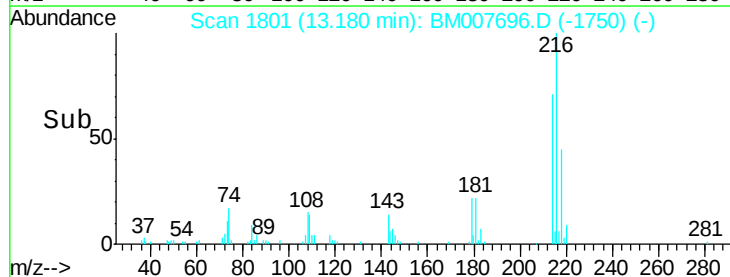
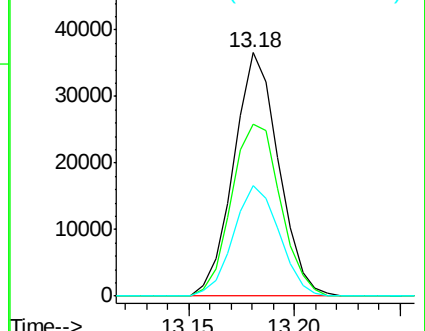
218 45.2 38.4 57.6

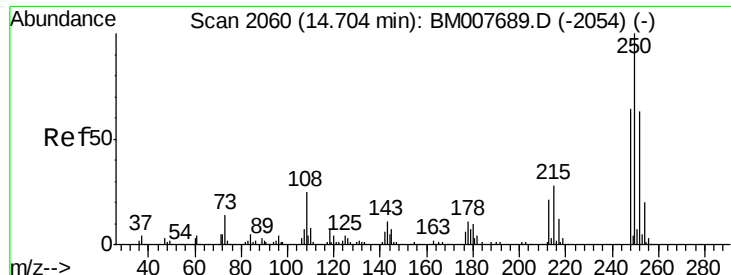


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#22
 Pentachlorobenzene
 Concen: 3.18 ng/uL
 RT: 14.70 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM007696.D
 Acq: 20 Oct 2016 06:35

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-W

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.5	50.6	75.8
252	55.8	51.4	77.0

