

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007687.D
 Acq On : 20 Oct 2016 00:12
 Operator : UM/SJ
 Sample : MDL-06-S-ML
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-06-S-ML

Quant Time: Oct 20 03:13:14 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	207813	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	801199	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	506532	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	999370	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1295895	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1301011	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.29	96	37250	7.65	ng/uL	0.00
3) Phenol-d5	6.93	99	536521	33.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	323282	33.87	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	429251	34.73	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	421878	33.34	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	199636	35.27	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	218825	35.42	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	403297	33.18	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	512804	37.18	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1194916	33.82	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1457351	35.18	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	170605	29.36	ng/ul	0.00
17) Fluorene-d10	15.38	176	1036398	33.99	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.51	200	178381	29.46	ng/ul	0.00
20) Anthracene-d10	17.23	188	1544271	33.99	ng/ul	0.00
24) Pyrene-d10	19.53	212	1830604	34.90	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1988248	35.09	ng/ul	0.00

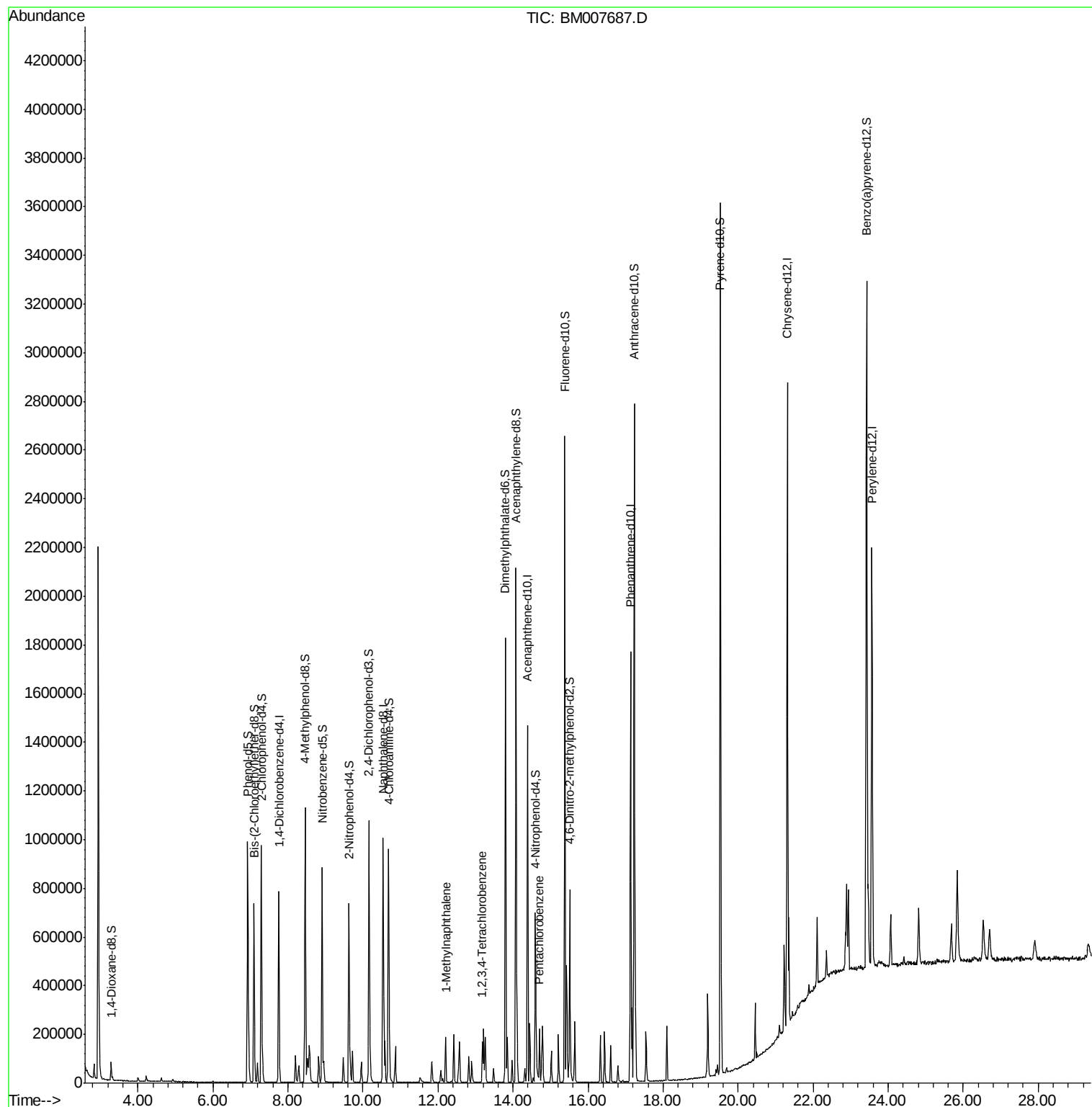
Target Compounds						Qvalue
12) 1-Methylnaphthalene	12.20	142	90091	3.27	ng/ul	98
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	50786	3.49	ng/uL	97
22) Pentachlorobenzene	14.71	250	52643	3.46	ng/uL	96

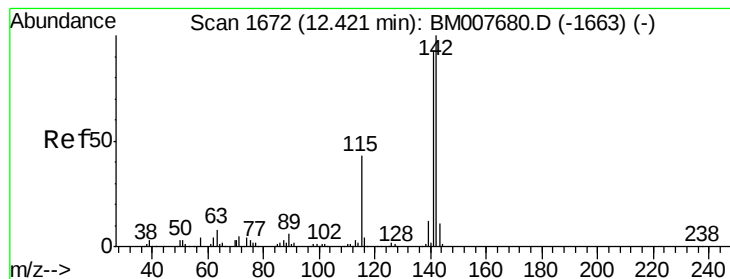
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 3.27 ng/uL

RT: 12.20 min Scan# 1635

Delta R.T. -0.22 min

Lab File: BM007687.D

Acq: 20 Oct 2016 00:12

Instrument :

BNA_M

ClientSampleId :

MDL-06-S-ML

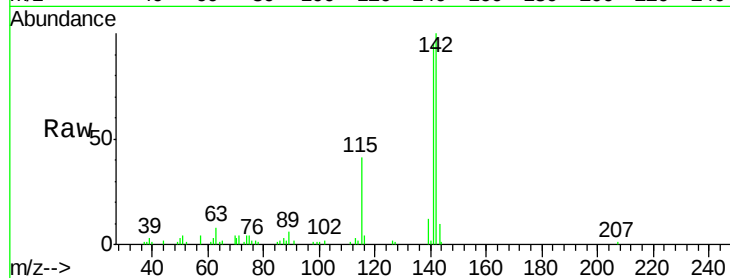
Tgt Ion:142 Resp: 90091

Ion Ratio Lower Upper

142 100

141 95.1 74.9 112.3

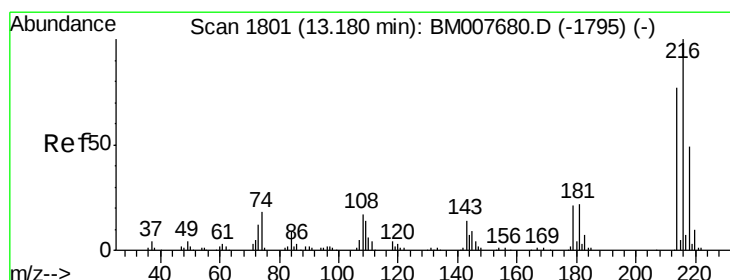
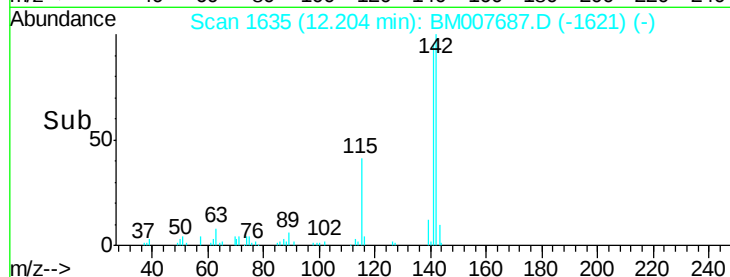
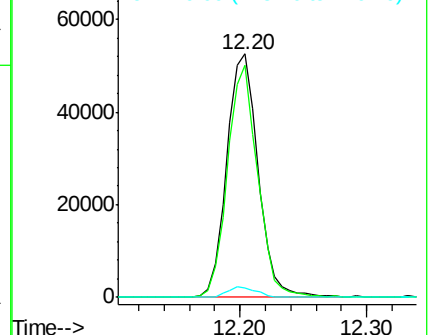
116 3.9 3.1 4.7



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: 3.49 ng/uL

RT: 13.18 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BM007687.D

Acq: 20 Oct 2016 00:12

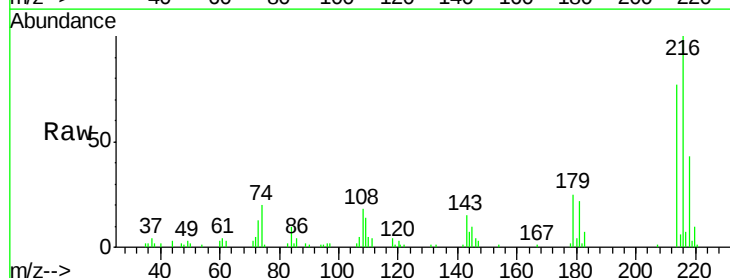
Tgt Ion:216 Resp: 50786

Ion Ratio Lower Upper

216 100

214 76.9 62.5 93.7

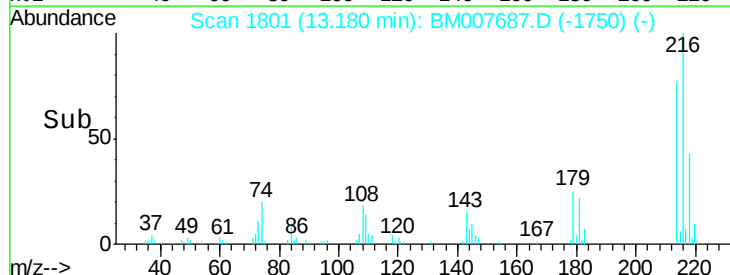
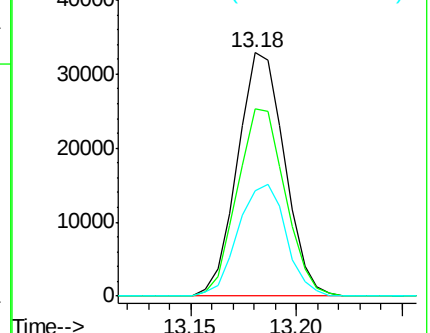
218 43.3 38.4 57.6

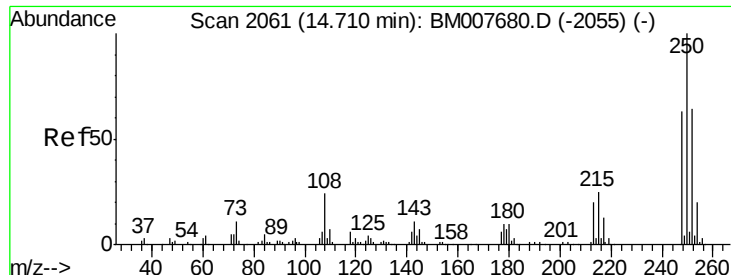


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

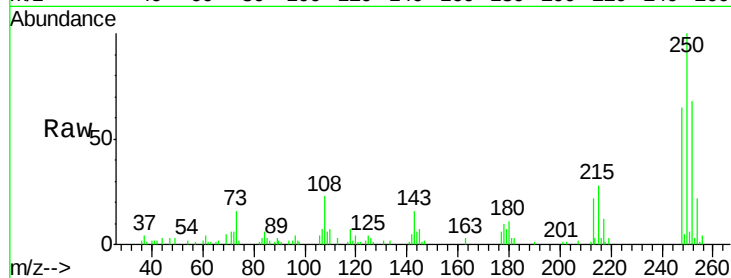




#22
 Pentachlorobenzene
 Concen: 3.46 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BM007687.D
 Acq: 20 Oct 2016 00:12

Instrument :
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 ClientSampleId :
 MDL-06-S-ML

Tgt Ion	Ratio	Lower	Upper
250	100		
248	65.4	50.6	75.8
252	67.7	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

