

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101916\
 Data File : BM007682.D
 Acq On : 19 Oct 2016 21:15
 Operator : UM/SJ
 Sample : MDL-01-S-ML
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-01-S-ML

Quant Time: Oct 20 03:12:43 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	216732	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	842140	20.00	ng/ul	0.00
13) Acenaphthene-d10	14.39	164	543106	20.00	ng/ul	0.00
18) Phenanthrene-d10	17.13	188	1061434	20.00	ng/ul	0.00
23) Chrysene-d12	21.32	240	1314633	20.00	ng/ul	0.00
25) Perylene-d12	23.57	264	1299611	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.29	96	37068	7.30	ng/uL	0.00
3) Phenol-d5	6.93	99	547124	32.58	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	332327	33.39	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	435241	33.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	431205	32.67	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	206976	34.79	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	225499	34.73	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	412791	32.31	ng/ul	0.00
11) 4-Chloroaniline-d4	10.68	131	522262	36.02	ng/ul	0.00
14) Dimethylphthalate-d6	13.80	166	1244442	32.85	ng/ul	0.00
15) Acenaphthylene-d8	14.08	160	1507619	33.94	ng/ul	0.00
16) 4-Nitrophenol-d4	14.60	143	177430	28.48	ng/ul	0.00
17) Fluorene-d10	15.38	176	1084848	33.18	ng/ul	0.00
19) 4,6-Dinitro-2-methylphenol	15.52	200	185974	28.91	ng/ul	0.00
20) Anthracene-d10	17.23	188	1599925	33.15	ng/ul	0.00
24) Pyrene-d10	19.53	212	1851621	34.79	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.43	264	1932817	34.15	ng/ul	0.00

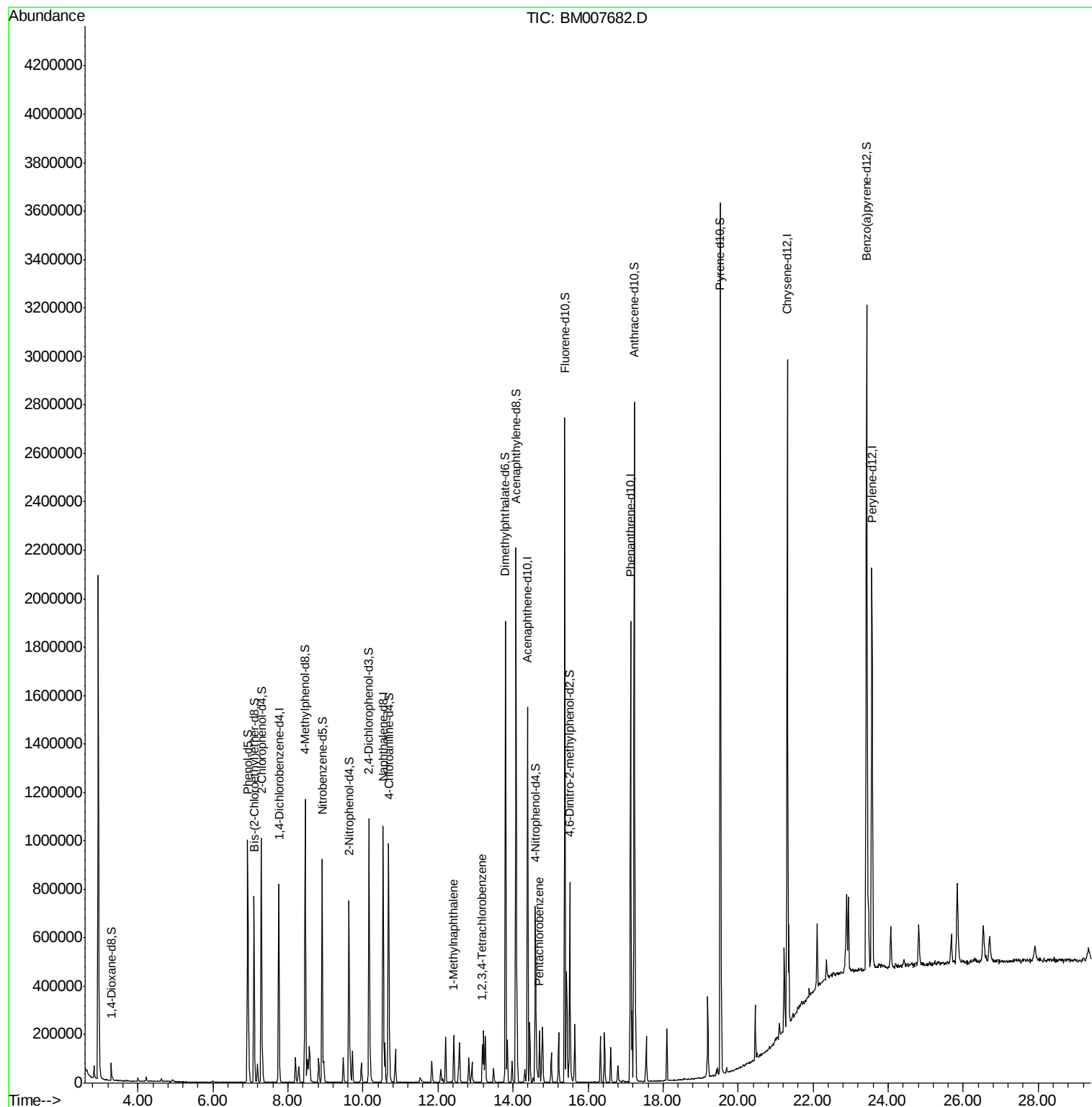
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1-Methylnaphthalene	12.42	142	88357	3.05	ng/ul	97
21) 1,2,3,4-Tetrachlorobenzene	13.18	216	49020	3.17	ng/uL	99
22) Pentachlorobenzene	14.71	250	52400	3.24	ng/uL	98

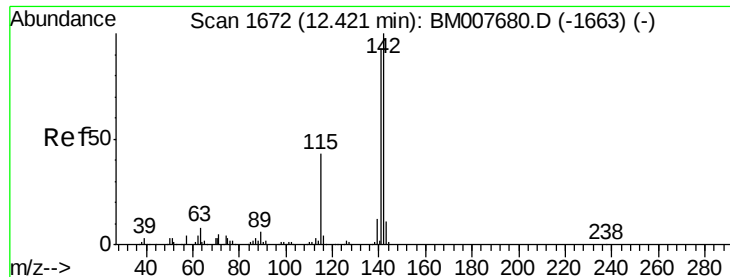
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1-Methylnaphthalene

Concen: 3.05 ng/uL

RT: 12.42 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BM007682.D

Acq: 19 Oct 2016 21:15

Instrument :

BNA_M

ClientSampleId :

MDL-01-S-ML

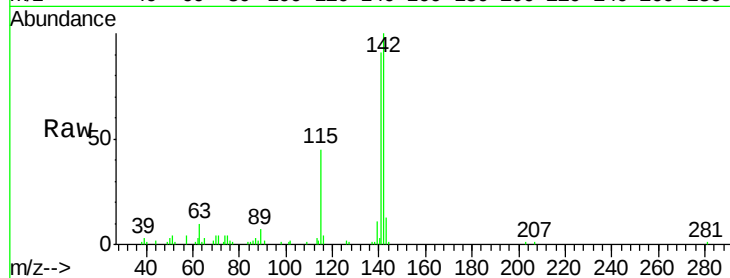
Tgt Ion:142 Resp: 88357

Ion Ratio Lower Upper

142 100

141 90.7 74.9 112.3

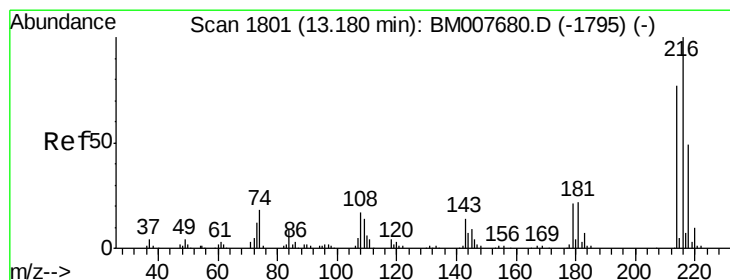
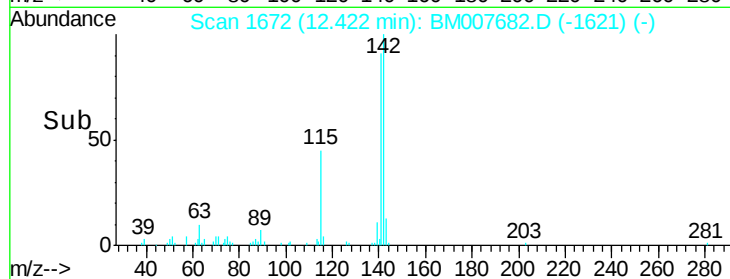
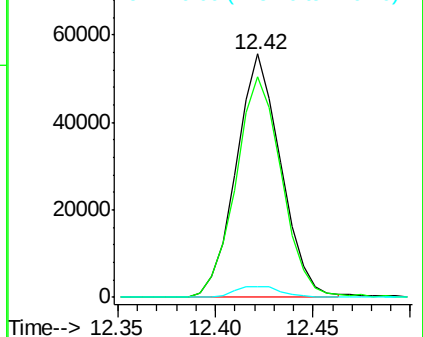
116 4.1 3.1 4.7



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: 3.17 ng/uL

RT: 13.18 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BM007682.D

Acq: 19 Oct 2016 21:15

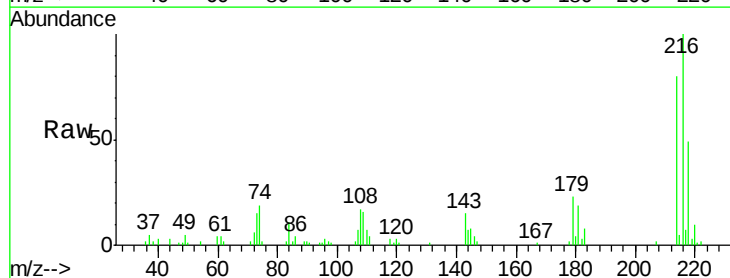
Tgt Ion:216 Resp: 49020

Ion Ratio Lower Upper

216 100

214 79.6 62.5 93.7

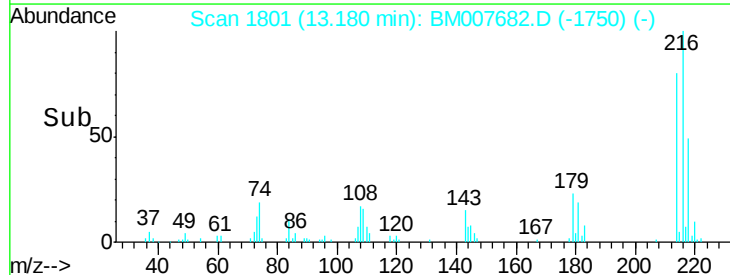
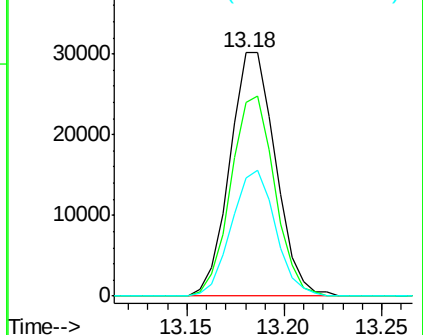
218 48.8 38.4 57.6

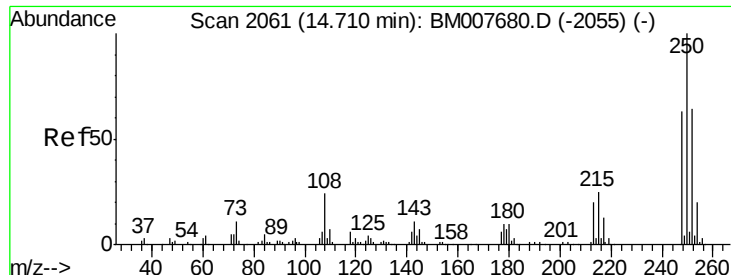


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

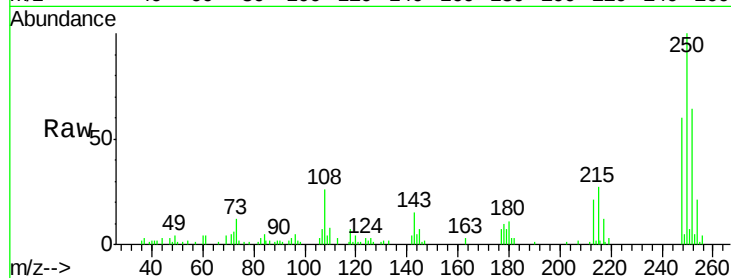




#22
 Pentachlorobenzene
 Concen: 3.24 ng/uL
 RT: 14.71 min Scan# 2061
 Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
250	100		
248	60.3	50.6	75.8
252	63.6	51.4	77.0



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

