

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004671.D
 Acq On : 17 Mar 2016 17:58
 Operator : UM/SJ
 Sample : H1783-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	59518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	261897	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	144609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	326186	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	363340	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	346208	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	286	0.17	ng/uL	0.00
5) Phenol-d5	7.00	99	6820	1.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	20894	7.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	22214	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	13653	3.46	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	11529	6.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	12013	6.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	23003	5.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1187	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	81097	7.17	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	98653	7.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	858	0.39	ng/ul	0.00
58) Fluorene-d10	15.47	176	74728	7.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	5044	2.94	ng/ul	0.00
71) Anthracene-d10	17.32	188	115290	7.68	ng/ul	0.00
79) Pyrene-d10	19.61	212	129570	7.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	130824	8.46	ng/ul	-0.01

Target Compounds

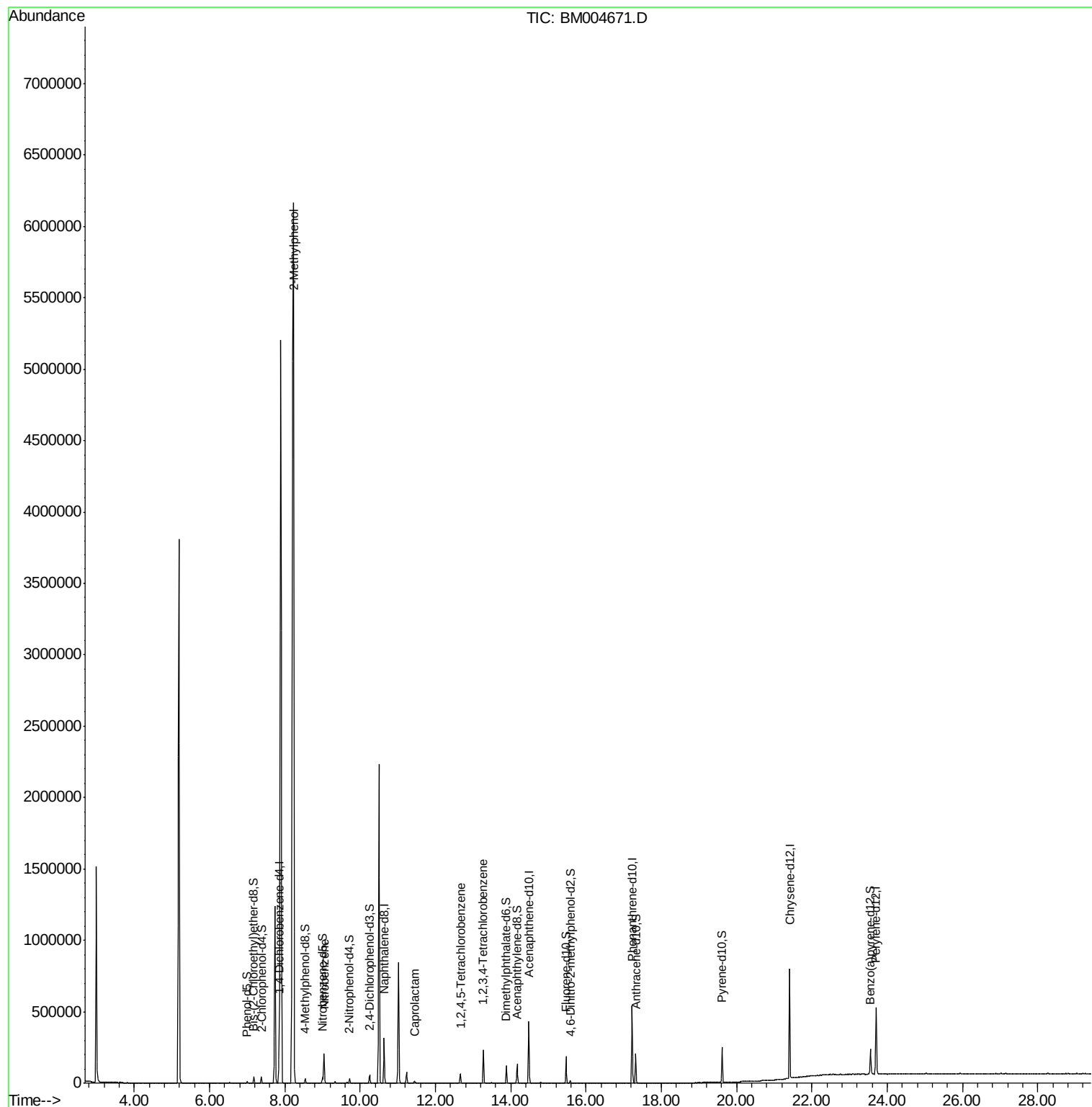
						Ovalue
11) 2-Methylphenol	8.22	108	31033	7.85	ng/ul	92
20) Nitrobenzene	9.04	77	113948	25.35	ng/ul	96
32) Caprolactam	11.45	113	1392	1.05	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	26174	5.67	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	70381	15.68	ng/uL	100

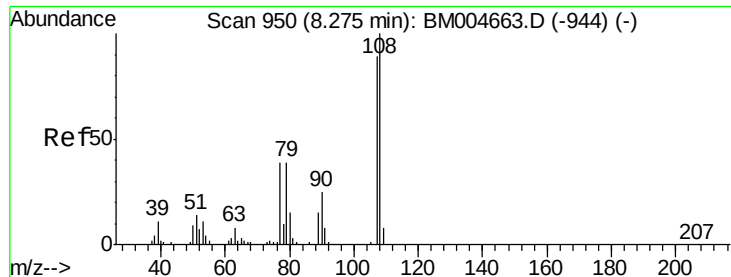
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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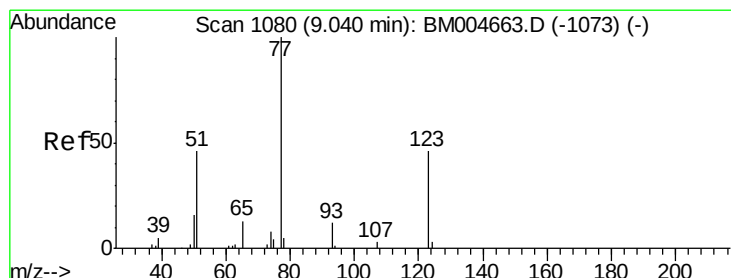
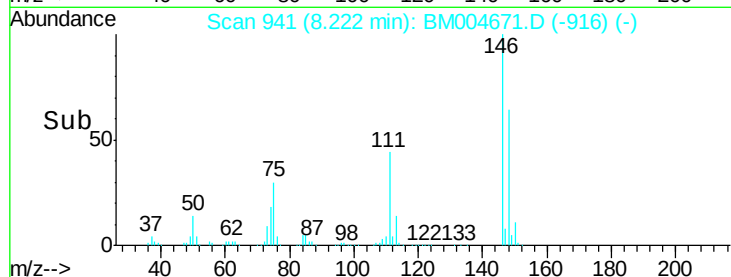
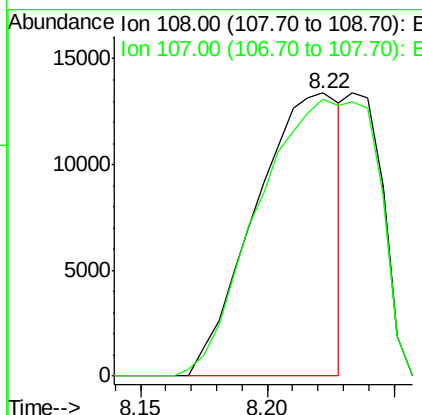
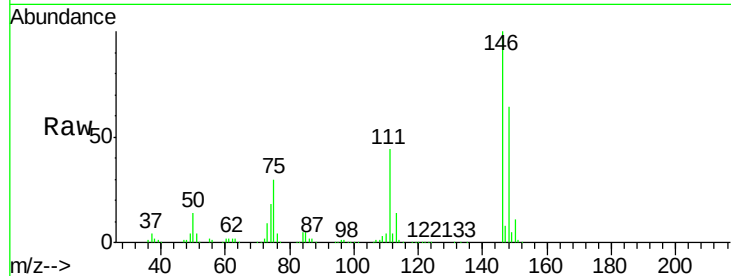




#11
2-Methylphenol
Concen: 7.85 ng/ul
RT: 8.22 min Scan# 941
Delta R.T. -0.05 min
Lab File: BM004671.D
Acq: 17 Mar 2016 17:58

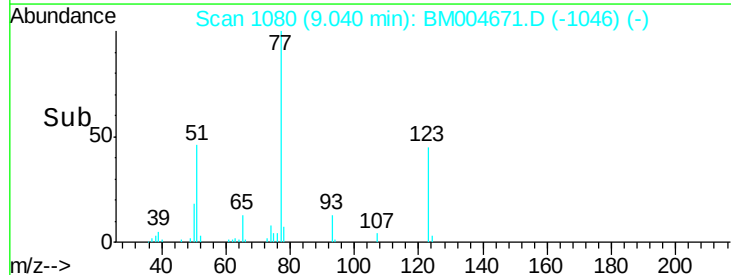
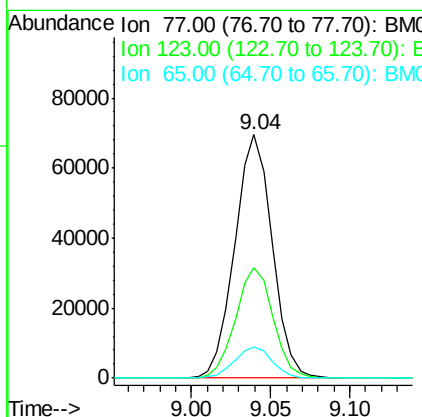
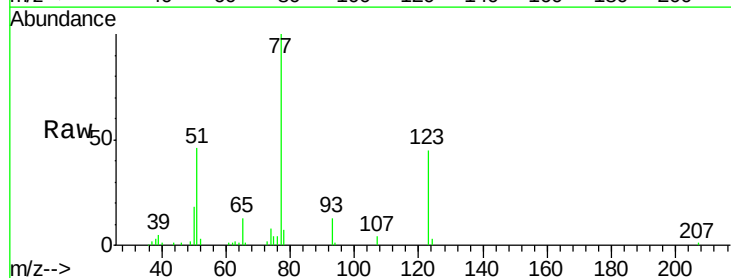
Instrument :
BNA_M
ClientSampleId :

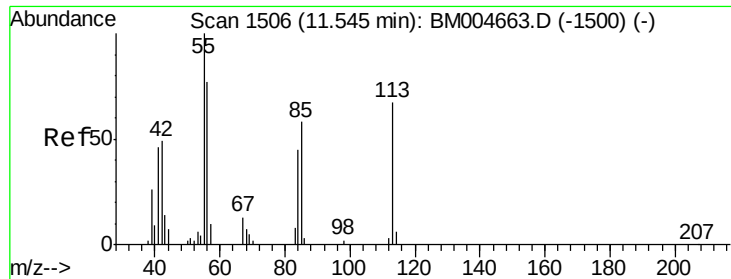
Tot Ion: 108 Resp: 31033
Ion Ratio Lower Upper
108 100
107 97.9 72.4 108.6



#20
Nitrobenzene
Concen: 25.35 ng/ul
RT: 9.04 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004671.D
Acq: 17 Mar 2016 17:58

Tgt Ion: 77 Resp: 113948
Ion Ratio Lower Upper
77 100
123 45.5 39.0 58.4
65 12.8 10.4 15.6





#32

Caprolactam

Concen: 1.05 ng/ul

RT: 11.45 min Scan# 1489

Delta R.T. -0.10 min

Lab File: BM004671.D

Acq: 17 Mar 2016 17:58

Instrument :

BNA_M

ClientSampleId :

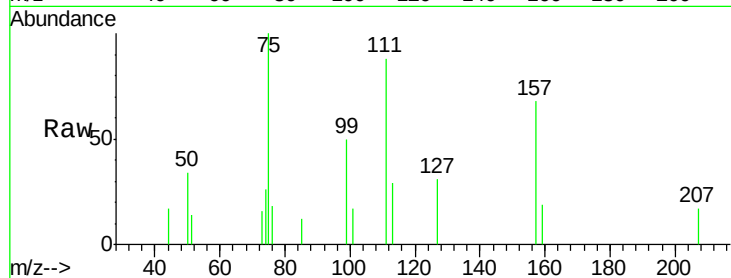
Tot Ion:113 Resp: 1392

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

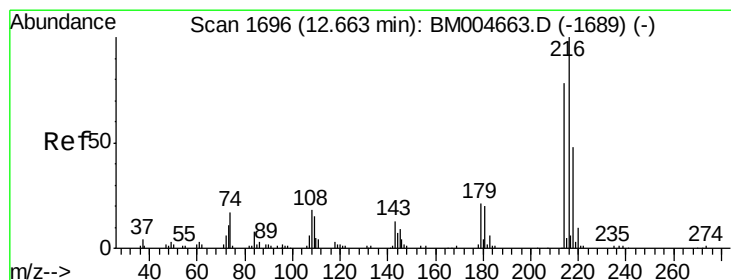
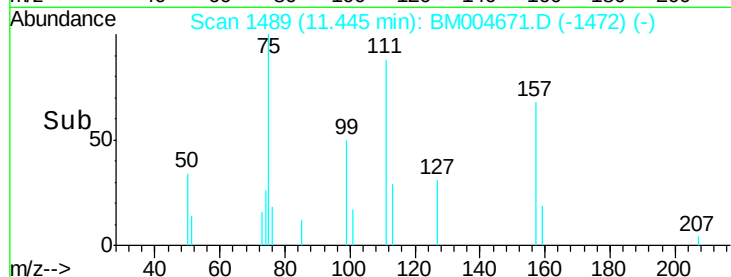
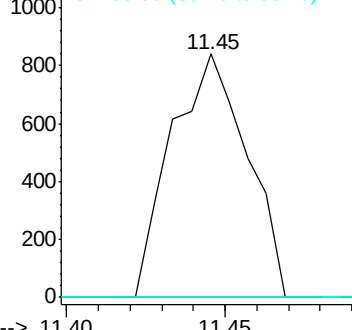
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 5.67 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BM004671.D

Acq: 17 Mar 2016 17:58

Tgt Ion:216 Resp: 26174

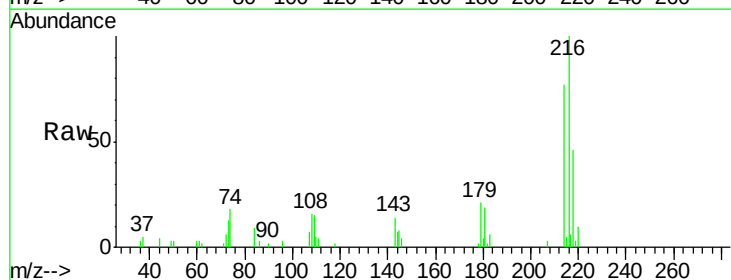
Ion Ratio Lower Upper

216 100

214 76.5 62.5 93.7

179 20.5 18.2 27.2

108 15.6 14.2 21.2

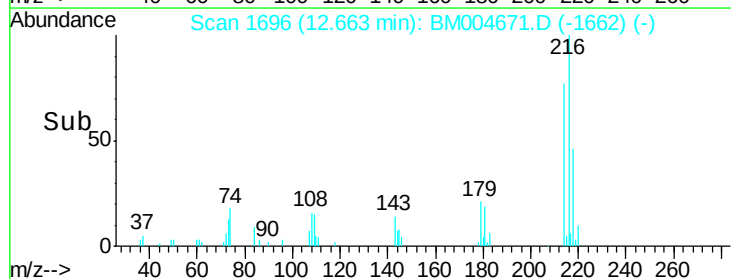
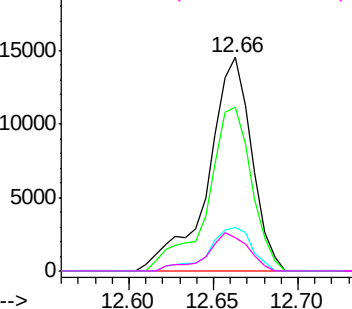


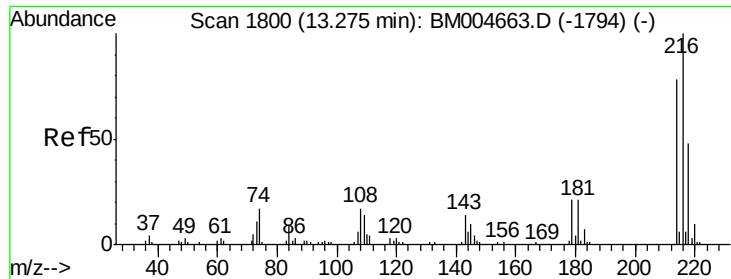
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 15.68 ng/uL

RT: 13.27 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BM004671.D

Acq: 17 Mar 2016 17:58

Instrument :

BNA_M

ClientSampleId :

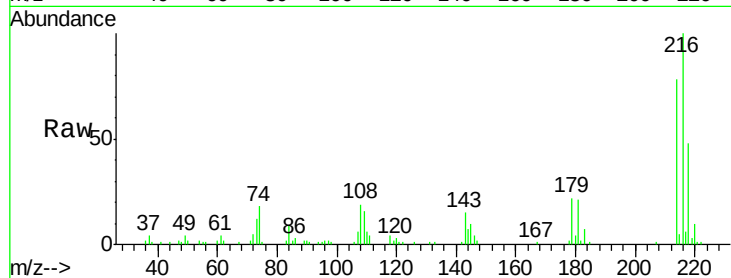
Tot Ion:216 Resp: 70381

Ion Ratio Lower Upper

216 100

214 78.3 62.5 93.7

218 48.3 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

