

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032317\
 Data File : BM009372.D
 Acq On : 24 Mar 2017 10:20
 Operator : SJ/MA
 Sample : I2358-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3

Quant Time: Mar 24 11:26:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 24 04:55:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	159061	20.00	ng/ul	0.02
18) Naphthalene-d8	10.68	136	517114	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.50	164	300765	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	698725	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	941457	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	899029	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	18177	4.35	ng/uL	0.00
5) Phenol-d5	7.01	99	81820	5.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	267529	26.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	211175	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	156857	14.61	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	133462	35.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	147039	35.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	260744	32.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	7314	0.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	867183	41.00	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1070035	40.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	27776	7.12	ng/ul	0.00
57) Fluorene-d10	15.49	176	782131	40.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	131167	29.70	ng/ul	0.00
70) Anthracene-d10	17.34	188	1268104	38.05	ng/ul	0.00
78) Pyrene-d10	19.64	212	1538134	38.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	1603606	38.73	ng/ul	0.00

Target Compounds

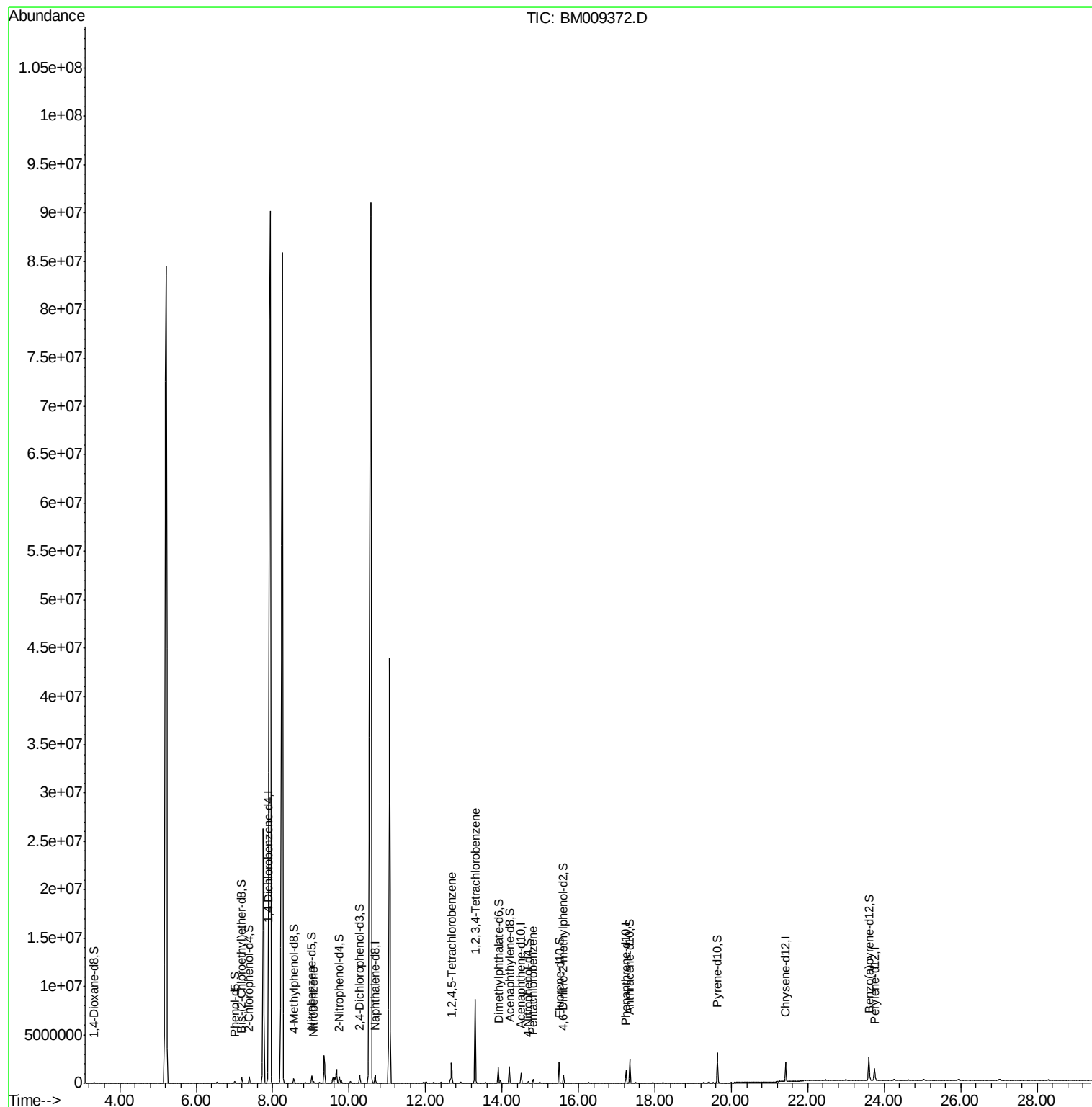
						Qvalue
20) Nitrobenzene	9.06	77	92266	7.20	ng/ul#	84
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	602221	59.60	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	2404611	234.08	ng/uL	100
73) Pentachlorobenzene	14.82	250	88841	8.75	ng/uL	95

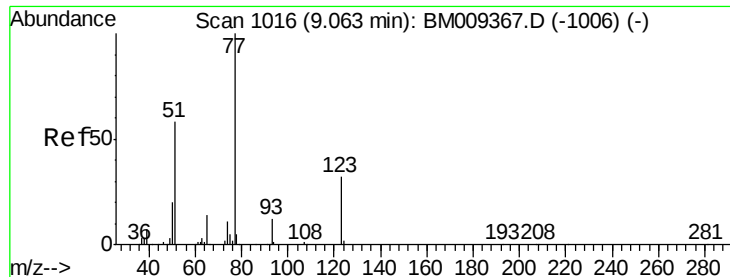
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

Nitrobenzene

Concen: 7.20 ng/ul

RT: 9.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BM009372.D

Acq: 24 Mar 2017 10:20

Instrument :

BNA_M

ClientSampleId :

C0BJ3

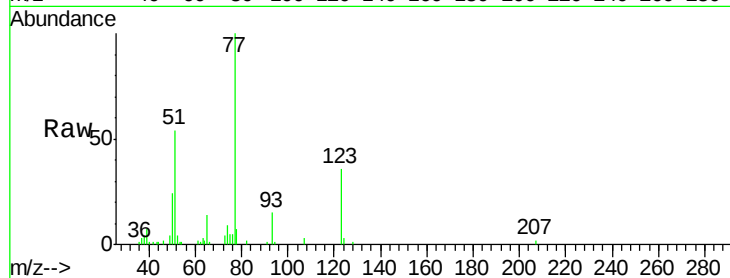
Tgt Ion: 77 Resp: 92266

Ion Ratio Lower Upper

77 100

123 35.8 39.0 58.4#

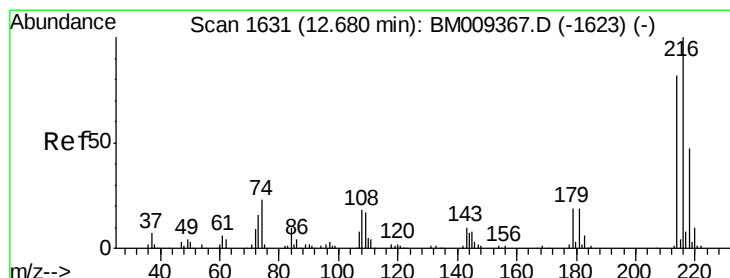
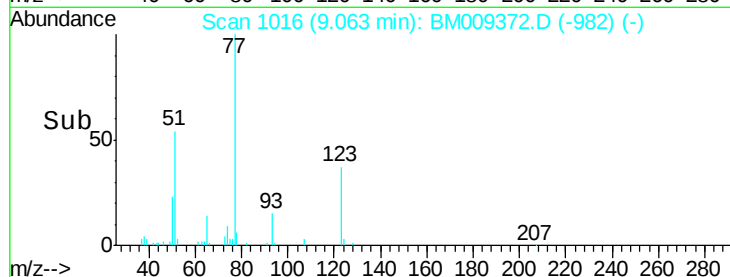
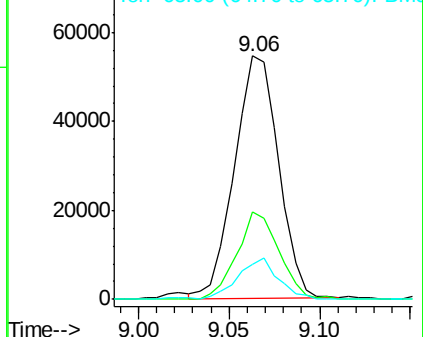
65 14.5 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM009372.D (-982) (-)

Ion 123.00 (122.70 to 123.70): BM009372.D (-982) (-)

Ion 65.00 (64.70 to 65.70): BM009372.D (-982) (-)



#36

1,2,4,5-Tetrachlorobenzene

Concen: 59.60 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM009372.D

Acq: 24 Mar 2017 10:20

Tgt Ion: 216 Resp: 602221

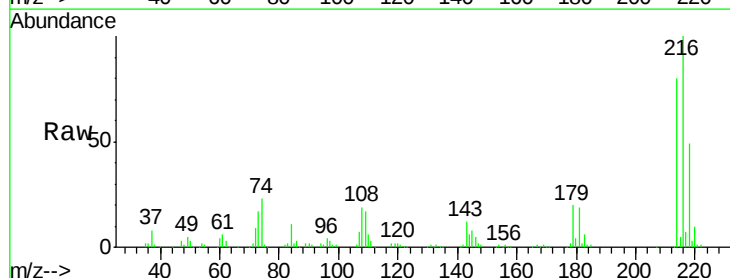
Ion Ratio Lower Upper

216 100

214 79.9 62.5 93.7

179 20.3 18.2 27.2

108 18.7 14.2 21.2

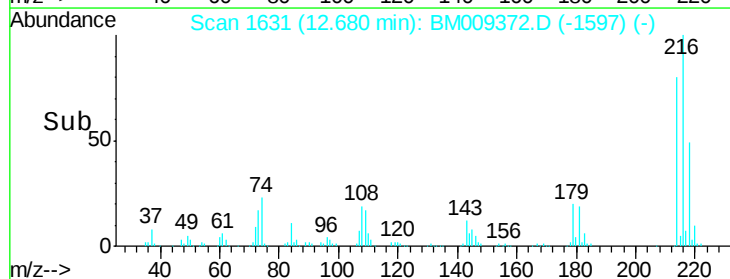
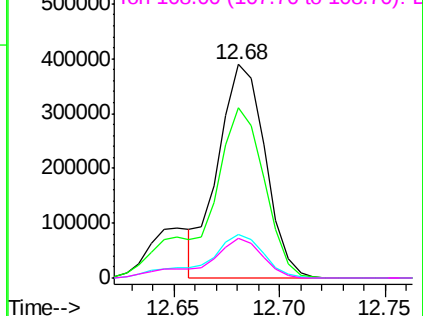


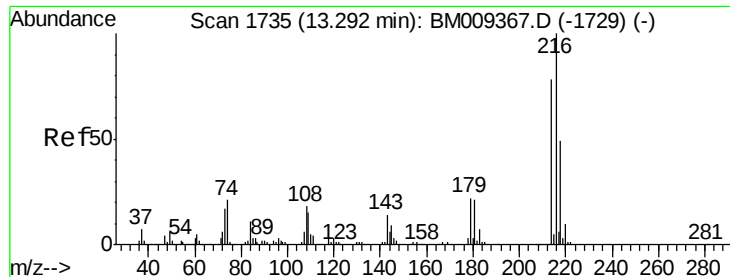
Abundance Ion 216.00 (215.70 to 216.70): BM009372.D (-1597) (-)

Ion 214.00 (213.70 to 214.70): BM009372.D (-1597) (-)

Ion 179.00 (178.70 to 179.70): BM009372.D (-1597) (-)

Ion 108.00 (107.70 to 108.70): BM009372.D (-1597) (-)





#72

1,2,3,4-Tetrachlorobenzene

Concen: 234.08 ng/uL

RT: 13.30 min Scan# 1736

Delta R.T. 0.01 min

Lab File: BM009372.D

Acq: 24 Mar 2017 10:20

Instrument :

BNA_M

ClientSampleId :

C0BJ3

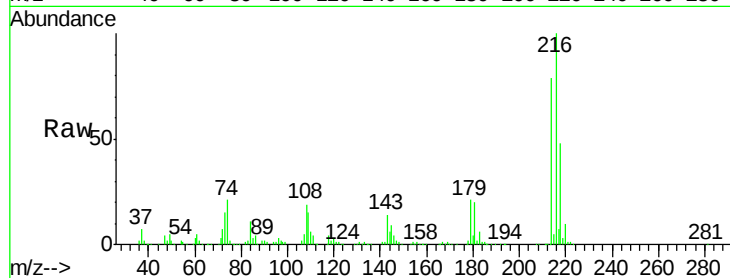
Tgt Ion:216 Resp: 2404611

Ion Ratio Lower Upper

216 100

214 78.7 62.5 93.7

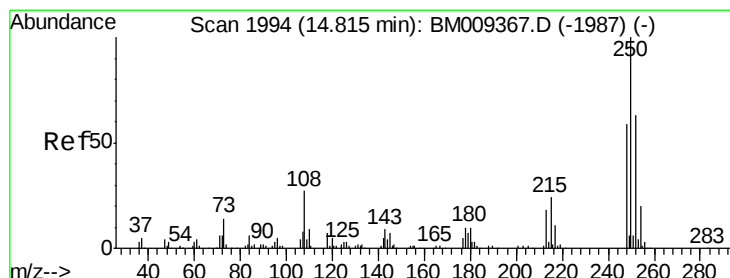
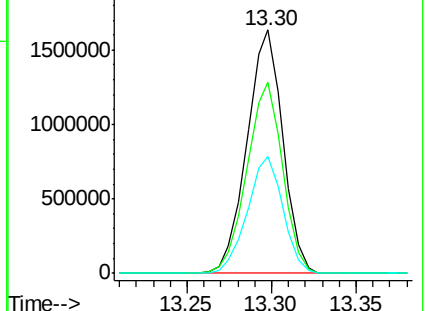
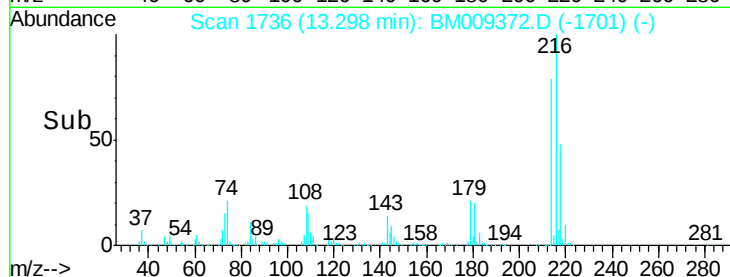
218 48.1 38.4 57.6



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



#73

Pentachlorobenzene

Concen: 8.75 ng/uL

RT: 14.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM009372.D

Acq: 24 Mar 2017 10:20

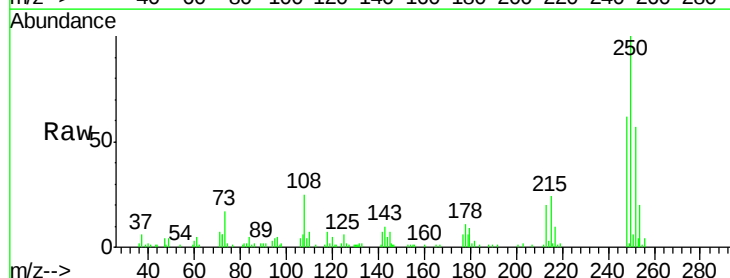
Tgt Ion:250 Resp: 88841

Ion Ratio Lower Upper

250 100

248 61.8 50.6 75.8

252 57.3 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

