

Data Path : Z:\HPCHEM1\BNA M\Data\BM031317\
 Data File : BM009246.D
 Acq On : 14 Mar 2017 09:22
 Operator : SJ/MA
 Sample : I2181-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG9

Quant Time: Mar 14 11:56:10 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 14 04:57:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	106728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	478626	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	366044	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1033546	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1557692	20.00	ng/ul	0.00
85) Perylene-d12	23.78	264	1599964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	11102	4.58	ng/uL	0.00
5) Phenol-d5	7.03	99	36553	3.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	118521	15.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	88271	12.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	69481	7.54	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	57707	16.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	61329	16.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	119058	14.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	7517	0.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	551849	19.85	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	593450	18.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	14213	2.58	ng/ul	0.00
57) Fluorene-d10	15.51	176	502845	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	79463	12.85	ng/ul	0.00
70) Anthracene-d10	17.27	188	1033546	21.13	ng/ul	-0.10
78) Pyrene-d10	19.66	212	1140502	18.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.63	264	1224733	16.73	ng/ul	0.00

Target Compounds

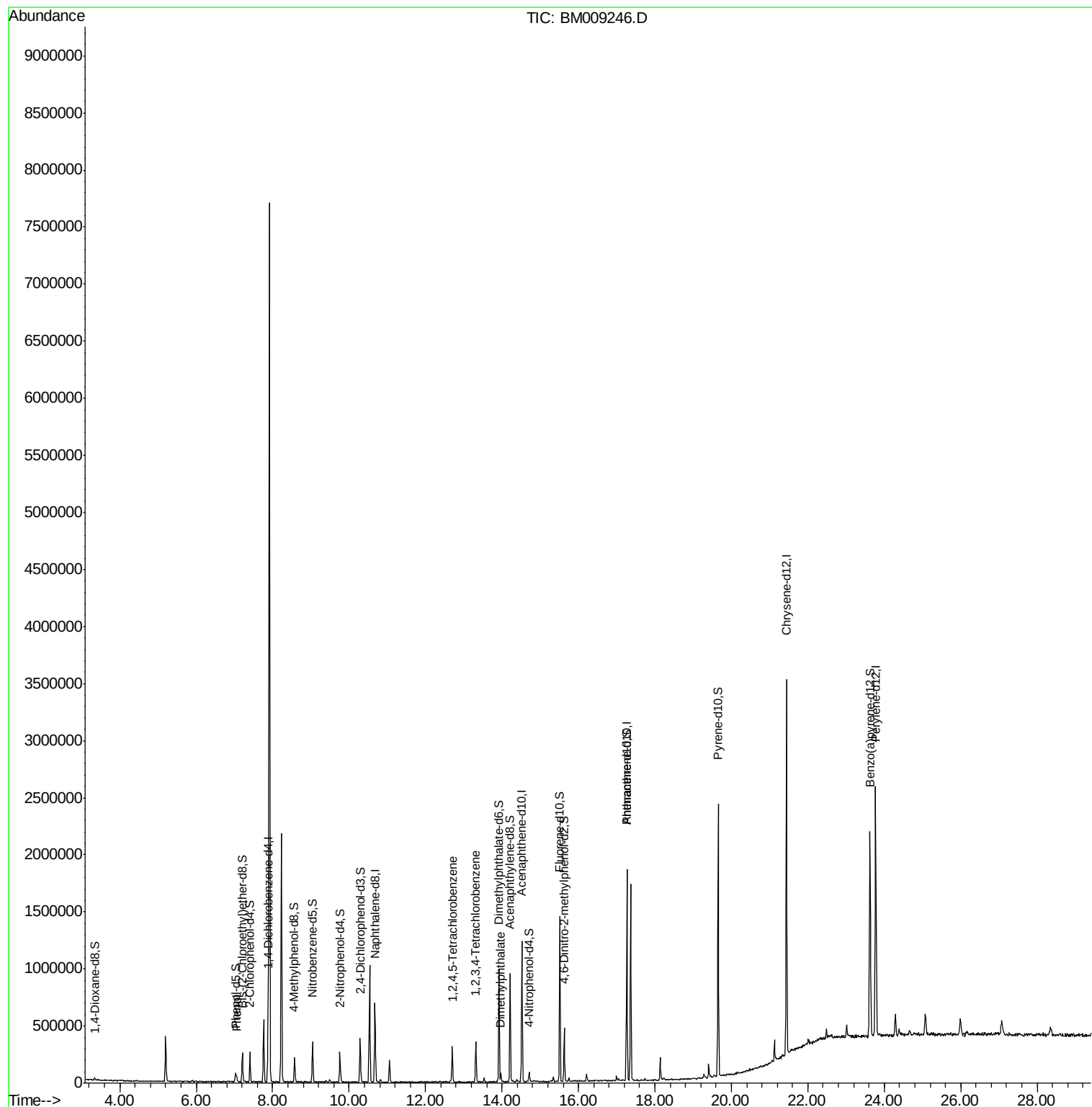
						Ovalue
6) Phenol	7.06	94	20074	1.63	ng/ul#	71
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	91740	8.33	ng/ul	94
44) Dimethylphthalate	13.97	163	39182	1.41	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	94489	7.78	ng/uL	95

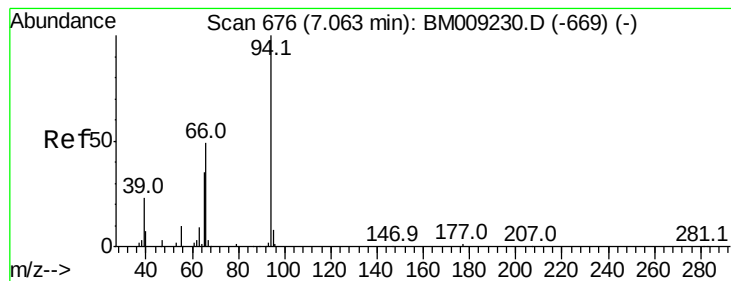
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.63 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM009246.D

Acq: 14 Mar 2017 09:22

Instrument :

BNA_M

ClientSampled :

C0BG9

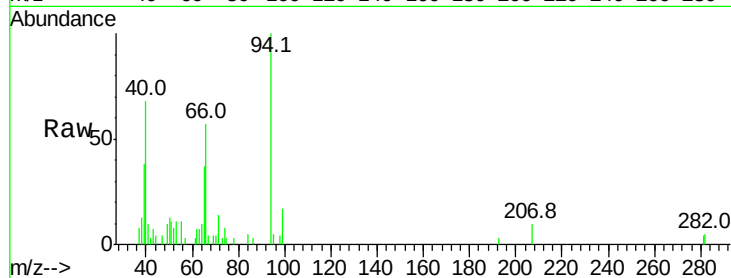
Tot Ion: 94 Resp: 20074

Ion Ratio Lower Upper

94 100

65 37.0 21.0 31.6#

66 57.0 29.3 43.9#

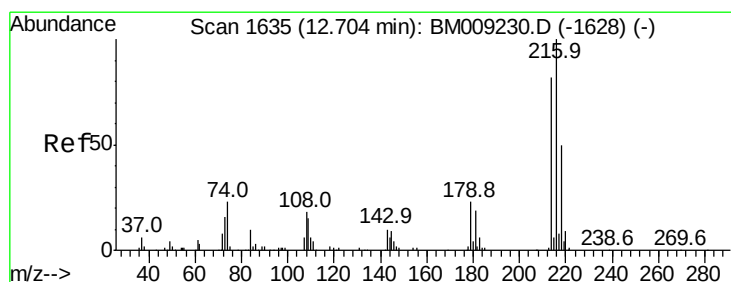
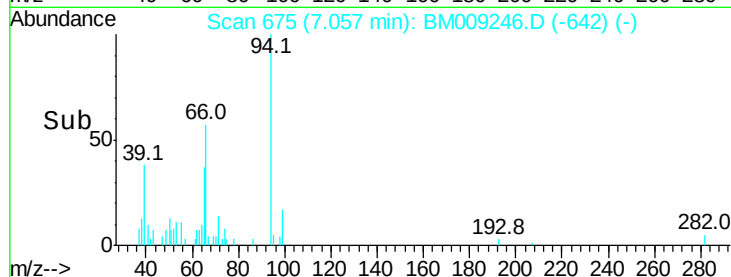
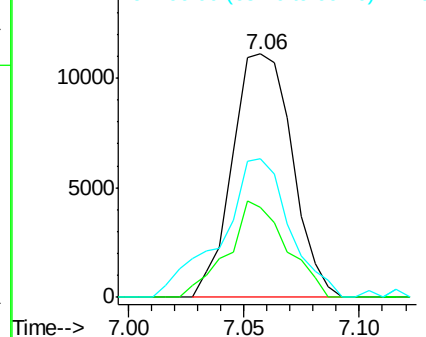


Abundance

Ion 94.00 (93.70 to 94.70): BM009230.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM009230.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM009230.D (-669) (-)



#36

1,2,4,5-Tetrachlorobenzene

Concen: 8.33 ng/ul

RT: 12.70 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM009246.D

Acq: 14 Mar 2017 09:22

Tgt Ion: 216 Resp: 91740

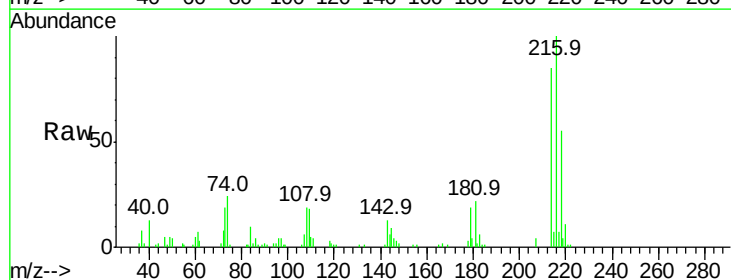
Ion Ratio Lower Upper

216 100

214 85.3 62.5 93.7

179 22.6 18.2 27.2

108 18.5 14.2 21.2



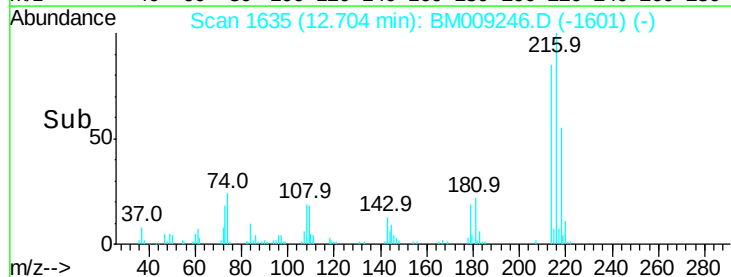
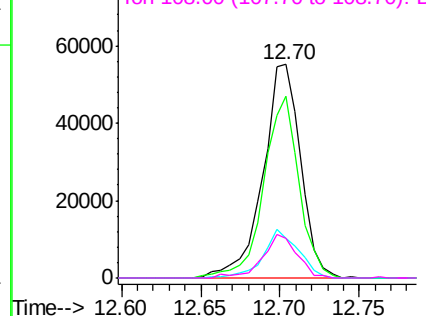
Abundance

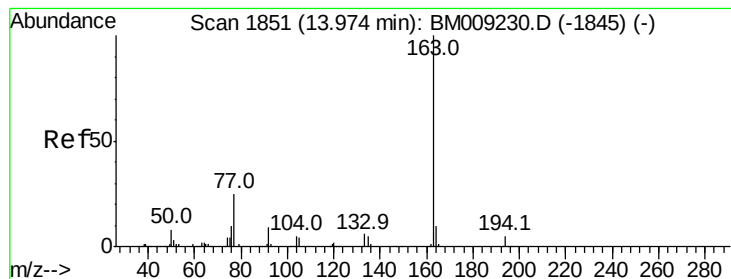
Ion 216.00 (215.70 to 216.70): BM009230.D (-1628) (-)

Ion 214.00 (213.70 to 214.70): BM009230.D (-1628) (-)

Ion 179.00 (178.70 to 179.70): BM009230.D (-1628) (-)

Ion 108.00 (107.70 to 108.70): BM009230.D (-1628) (-)





#44

Dimethylphthalate

Concen: 1.41 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BM009246.D

Acq: 14 Mar 2017 09:22

Instrument :

BNA_M

ClientSampleId :

C0BG9

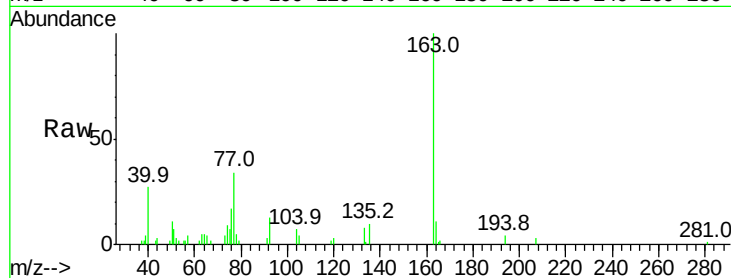
Tot Ion:163 Resp: 39182

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

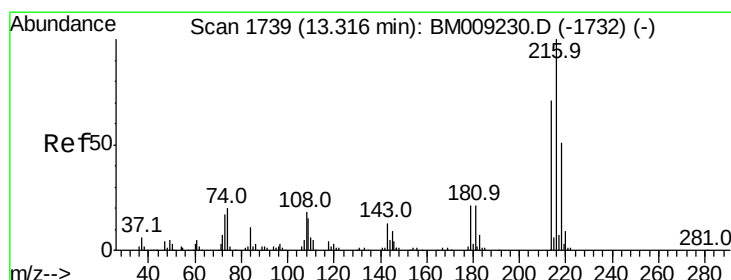
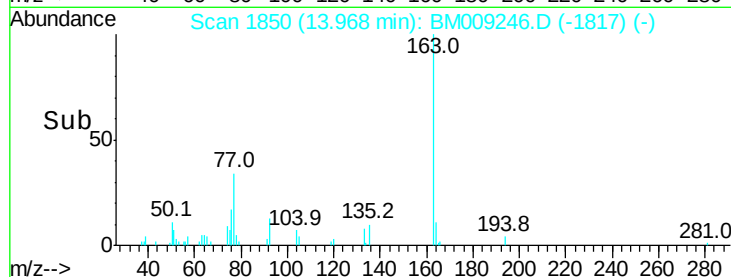
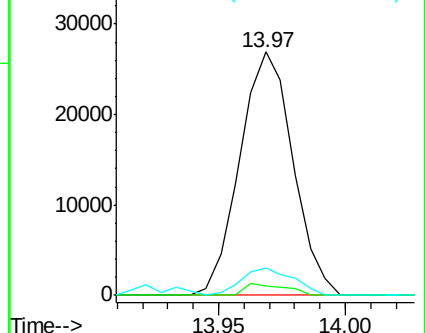
164 11.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#72

1,2,3,4-Tetrachlorobenzene

Concen: 7.78 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BM009246.D

Acq: 14 Mar 2017 09:22

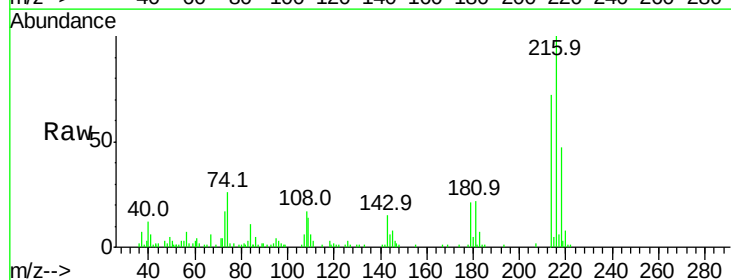
Tgt Ion:216 Resp: 94489

Ion Ratio Lower Upper

216 100

214 71.6 62.5 93.7

218 46.8 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

