

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
 Data File : BM009299.D
 Acq On : 20 Mar 2017 17:34
 Operator : SJ/MA
 Sample : I2303-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BH2

Manual Integrations
 APPROVED

mohammad
 3/21/2017 5:20:47 PM

Quant Time: Mar 20 18:20:50 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 13:19:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	80276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	360614	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	235812	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	628137	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1024118	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1121679	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	9688	5.32	ng/uL	0.00
5) Phenol-d5	7.03	99	34532	3.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	130471	23.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	97319	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	68991	9.96	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	69671	27.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	73696	25.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	135902	22.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	4088m	0.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	577400	32.24	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	663117	32.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	17307	4.87	ng/ul	0.00
57) Fluorene-d10	15.51	176	527073	32.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	98124	26.11	ng/ul	0.00
70) Anthracene-d10	17.36	188	1001021	33.67	ng/ul	0.00
78) Pyrene-d10	19.65	212	1316973	31.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1716000	33.44	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.06	94	14240	1.54	ng/ul#	89
20) Nitrobenzene	9.09	77	20903	2.43	ng/ul#	80
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	20691m	2.92	ng/ul	
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	88514	11.99	ng/uL	90

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

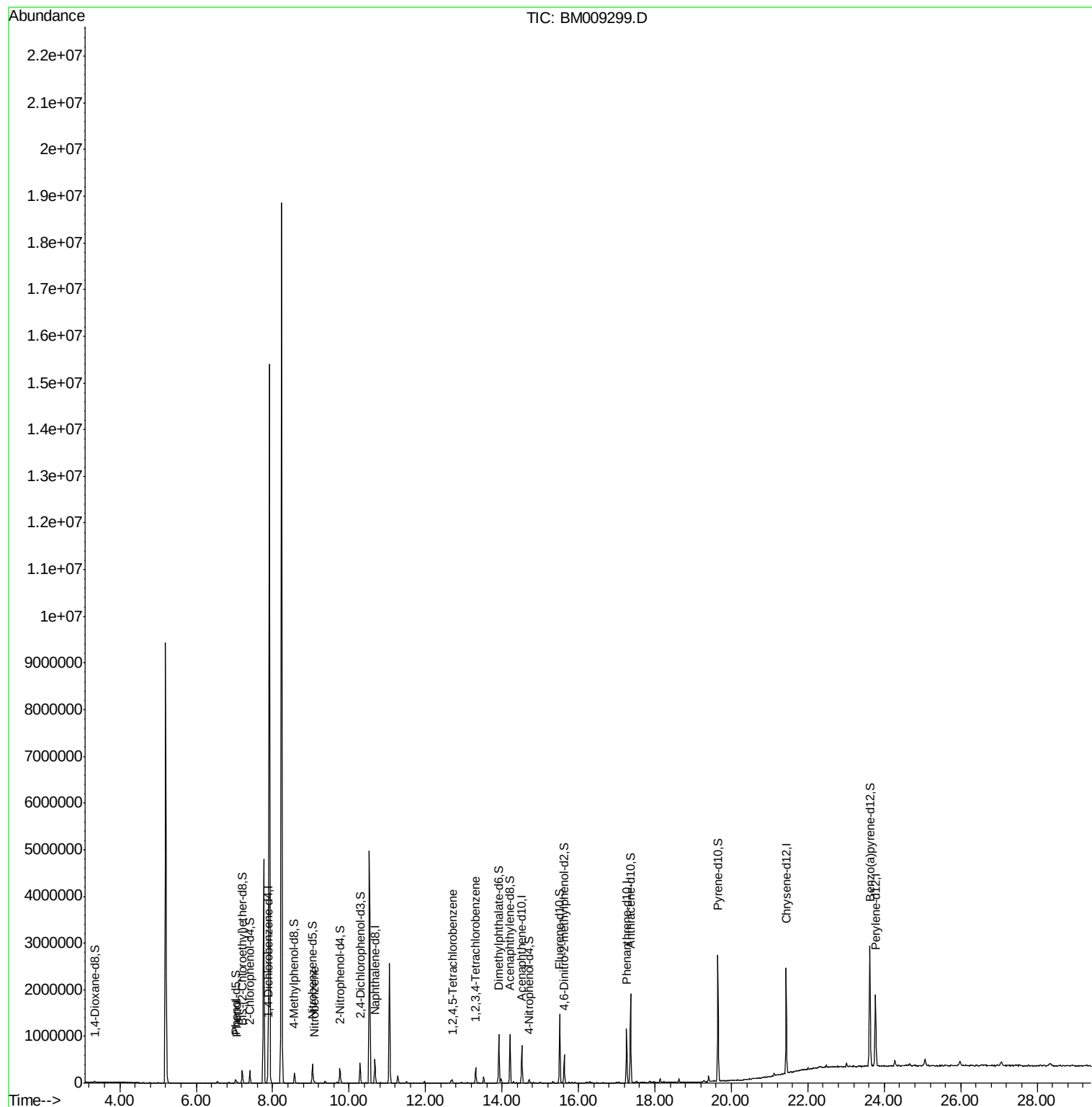
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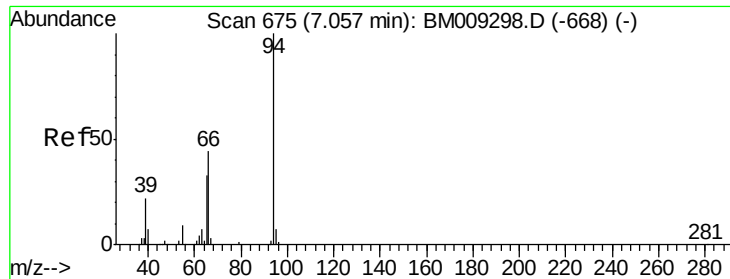
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#6

Phenol

Concen: 1.54 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM009299.D

Acq: 20 Mar 2017 17:34

Instrument :

BNA_M

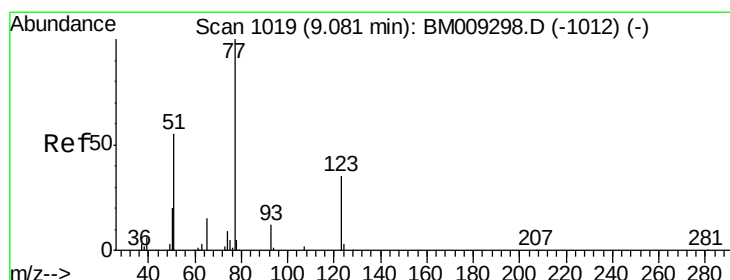
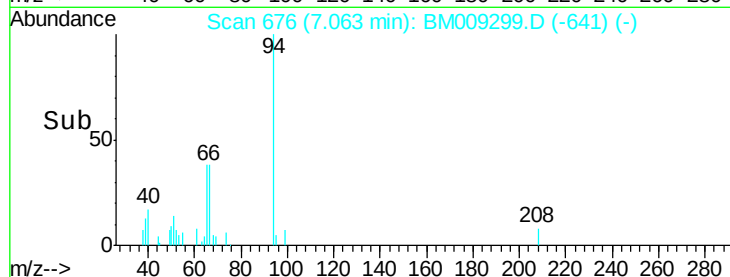
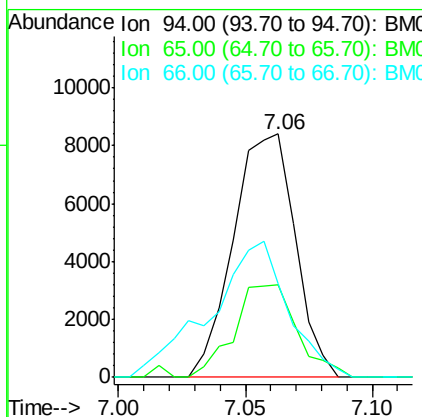
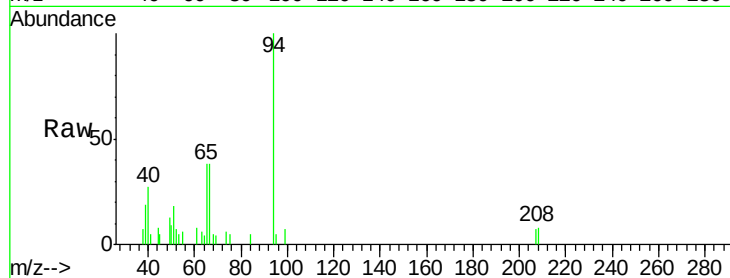
ClientSampled :

C0BH2

Tgt Ion:	94	Resp:	14240
Ion Ratio	Lower	Upper	
94	100		
65	37.8	21.0	31.6#
66	38.3	29.3	43.9

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#20

Nitrobenzene

Concen: 2.43 ng/ul

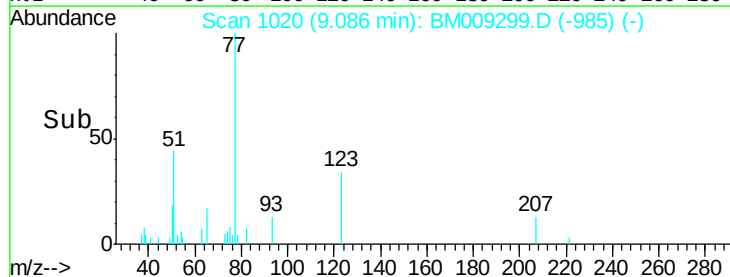
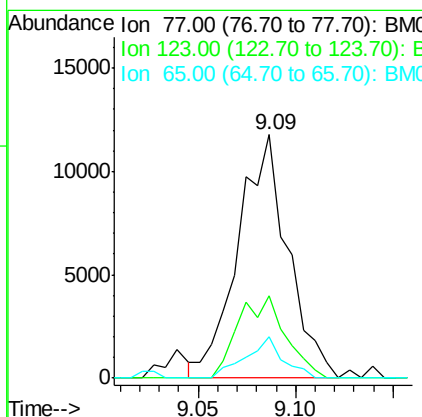
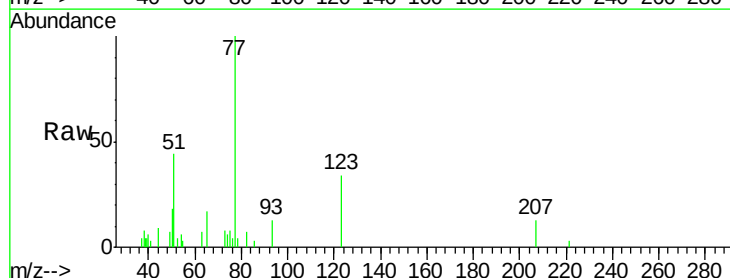
RT: 9.09 min Scan# 1020

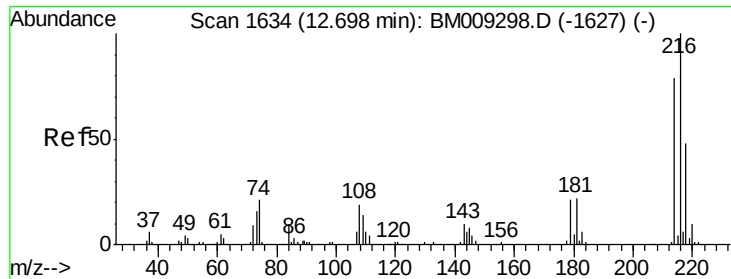
Delta R.T. 0.01 min

Lab File: BM009299.D

Acq: 20 Mar 2017 17:34

Tgt Ion:	77	Resp:	20903
Ion Ratio	Lower	Upper	
77	100		
123	33.6	39.0	58.4#
65	17.1	10.4	15.6#





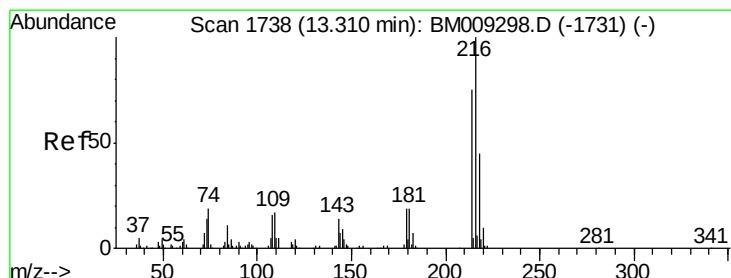
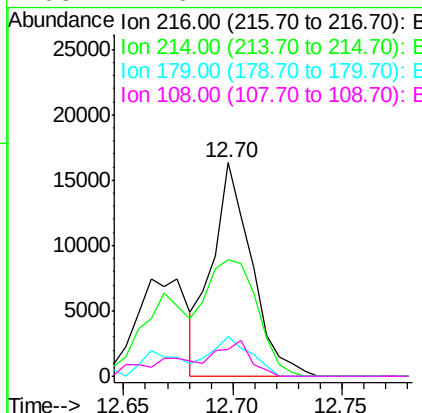
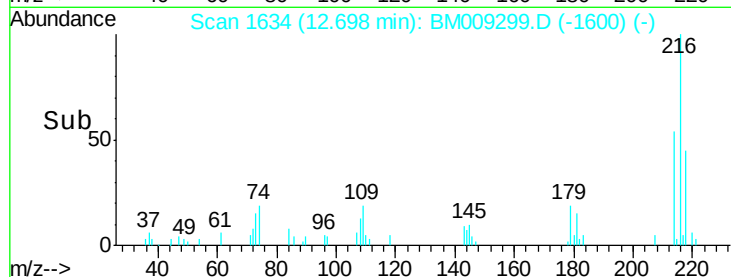
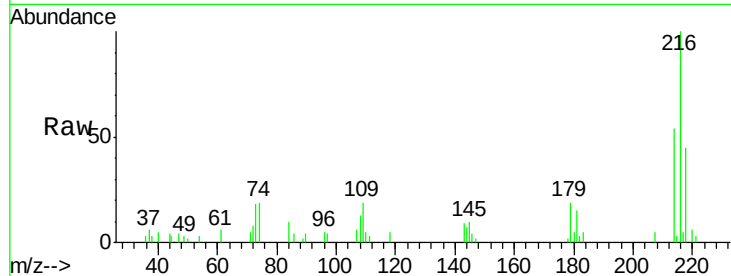
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.92 ng/ul m
 RT: 12.70 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: BM009299.D
 Acq: 20 Mar 2017 17:34

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 C0BH2

Tgt Ion	Ratio	Lower	Upper
216	100		
214	54.5	62.5	93.7#
179	18.7	18.2	27.2
108	12.6	14.2	21.2#

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#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.99 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BM009299.D
 Acq: 20 Mar 2017 17:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	87.8	62.5	93.7
218	52.9	38.4	57.6

