

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

Manual Integrations
 APPROVED

mohammad
 3/15/2017 4:04:57 PM

Quant Time: Mar 14 11:57:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317M
 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	17.36	188	875364m	17.90	ng/ul	0.00
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

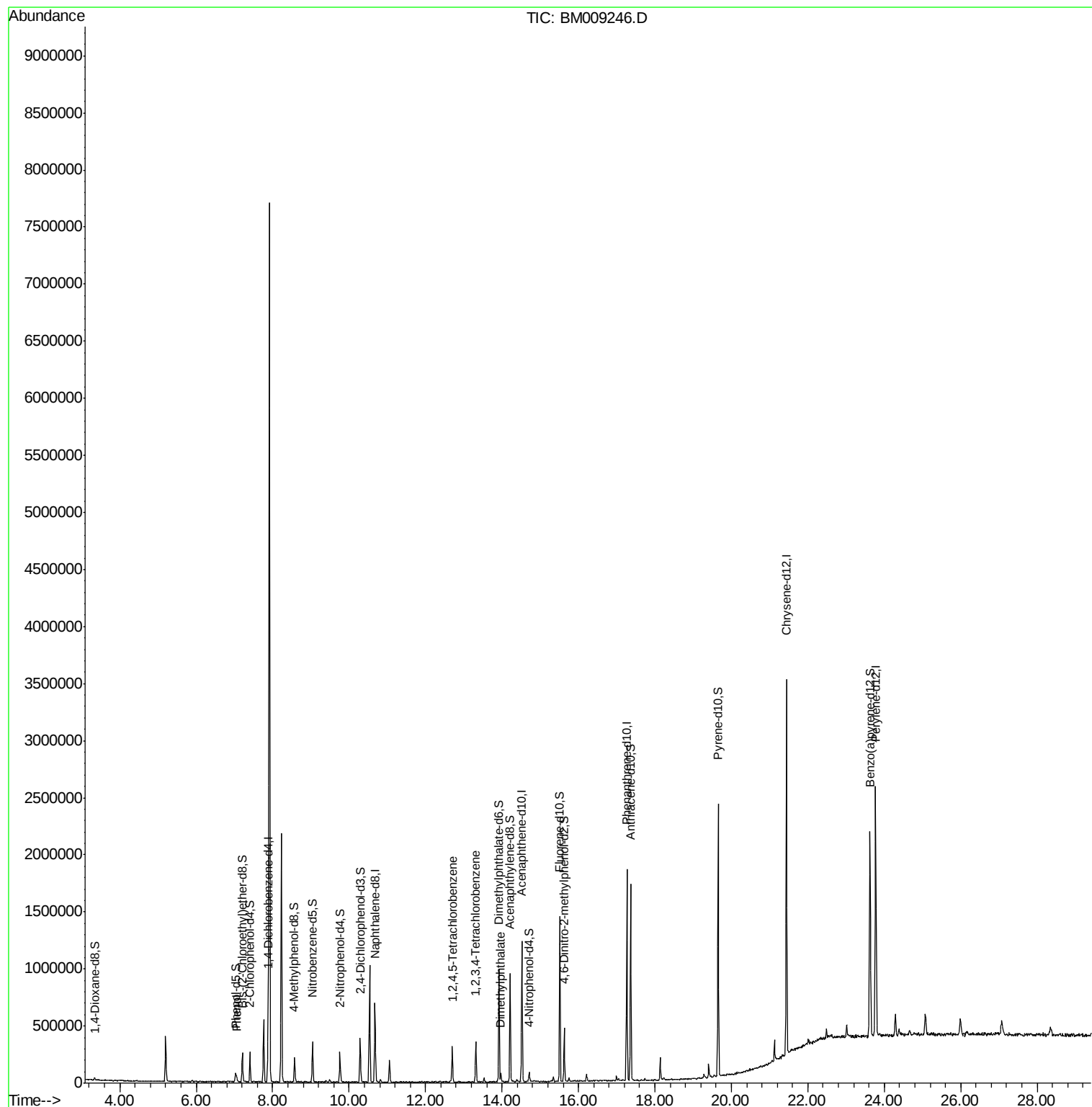
Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009246.D
Acq On : 14 Mar 2017 09:22
Operator : SJ/MA
Sample : I2181-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

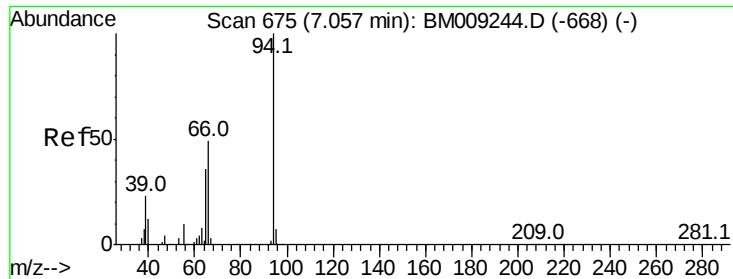
Instrument :
BNA_M
ClientSampleId :
C0BG9

Quant Time: Mar 14 11:57:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 14 04:57:13 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/15/2017 4:04:57 PM





#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

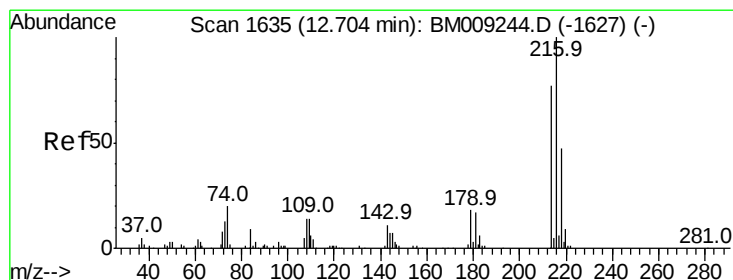
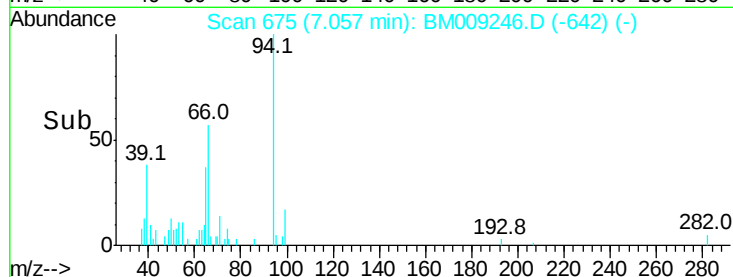
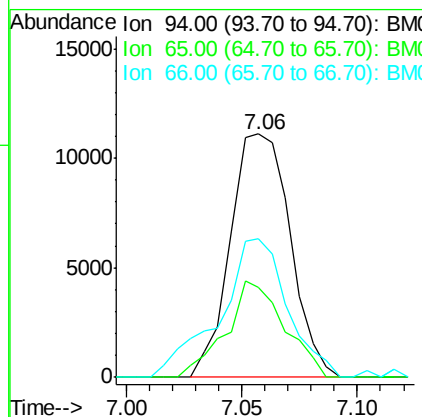
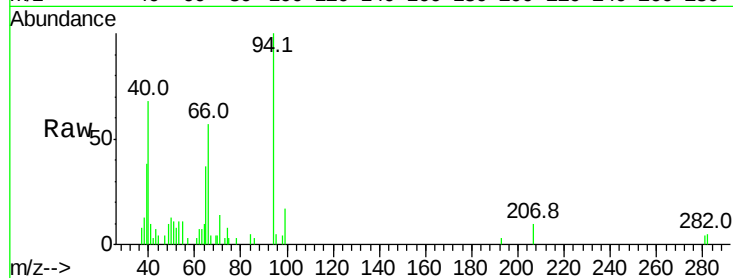
ClientSampleId :

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#

Manual Integrations
APPROVED

mohammad
3/15/2017 4:04:57 PM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 8.33 ng/ul

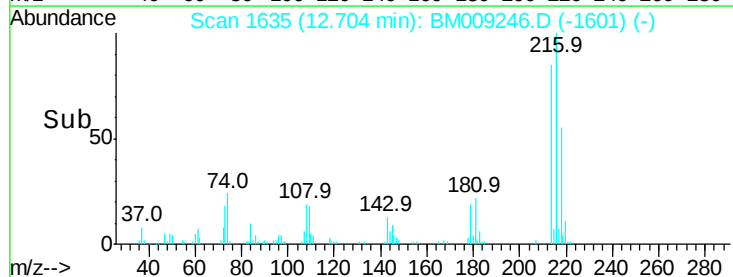
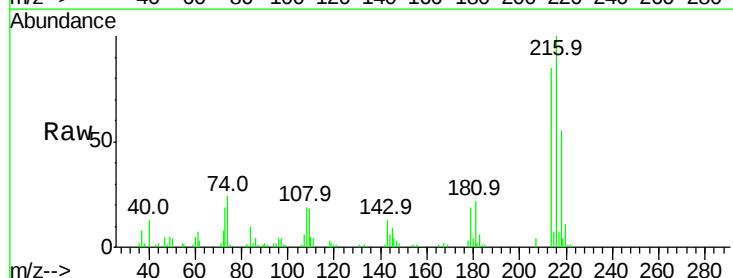
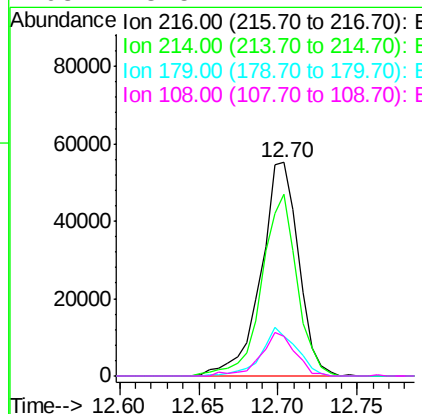
RT: 12.70 min Scan# 1635

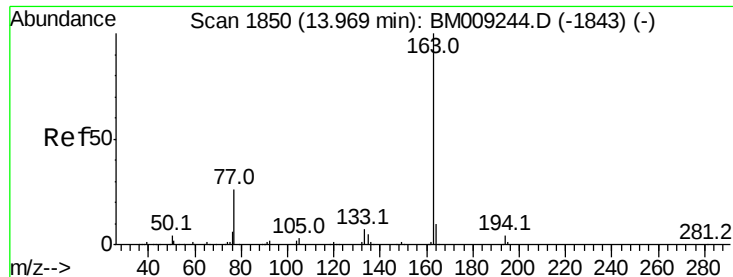
Delta R.T. 0.00 min

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





#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

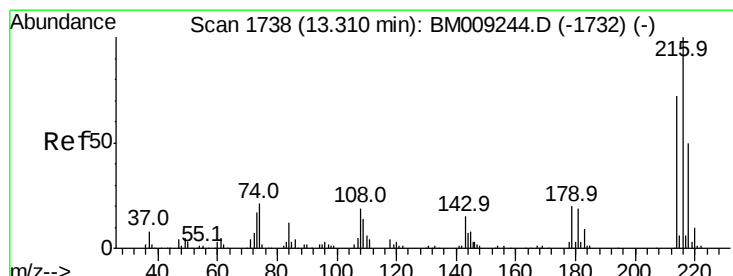
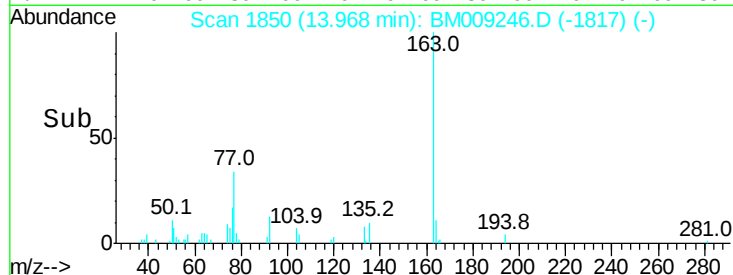
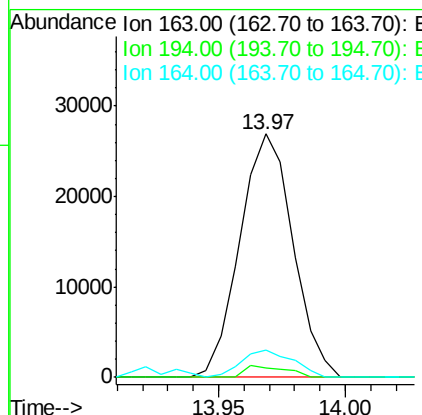
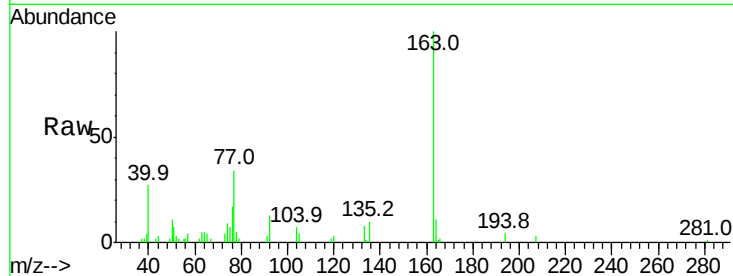
ClientSampled :

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

Manual Integrations
APPROVED

mohammad
3/15/2017 4:04:57 PM



#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

