

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031716\
 Data File : BM004676.D
 Acq On : 17 Mar 2016 21:00
 Operator : UM/SJ
 Sample : H1783-17DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 18 05:09:02 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	7.86	152	58222	20.00	ng/ul	0.02
18) Naphthalene-d8	10.65	136	290030	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.47	164	150040	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	333750	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	368421	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	358716	20.00	ng/ul	0.00

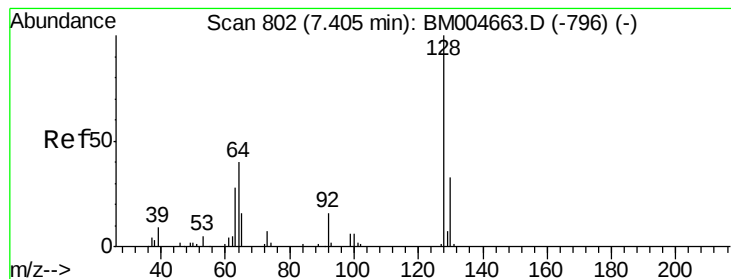
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	987	0.58	ng/uL	0.00
5) Phenol-d5	7.00	99	17772	3.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	54657	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	59618	15.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	36159	9.38	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	33928	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	34673	15.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	62856	14.71	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.88	166	206580	17.61	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	257179	17.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	3969	1.75	ng/ul	0.00
58) Fluorene-d10	15.47	176	184672	18.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	18289	10.43	ng/ul	0.00
71) Anthracene-d10	17.32	188	283151	18.43	ng/ul	0.00
79) Pyrene-d10	19.61	212	323346	19.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	331063	20.66	ng/ul	0.00

Target Compounds

						Ovalue
10) 2-Chlorophenol	7.41	128	7126	1.75	ng/ul	95
11) 2-Methylphenol	8.24	108	41846	10.82	ng/ul	87
20) Nitrobenzene	9.05	77	215723	43.34	ng/ul	97
28) Naphthalene	10.69	128	26035	1.72	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	73422	15.32	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	246393	53.66	ng/uL	100

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



#10

2-Chlorophenol

Concen: 1.75 na/ul

RT: 7.41 min Scan# 803

Delta R.T. 0.01 min

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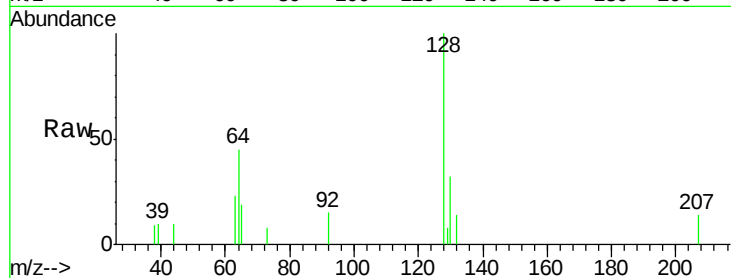
Tot Ion:128 Resp: 7126

Ion Ratio Lower Upper

128 100

64 44.9 31.9 47.9

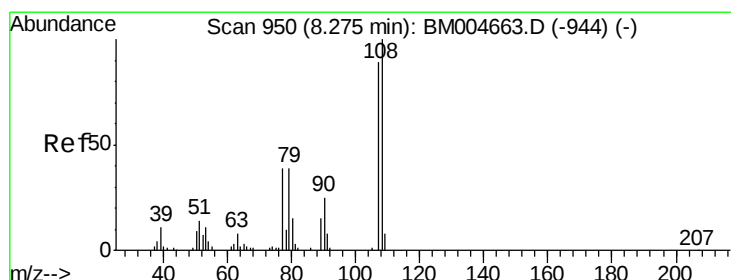
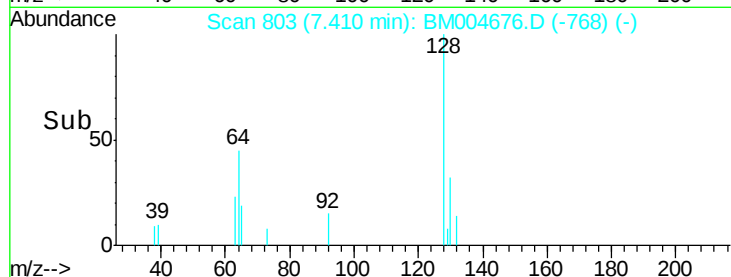
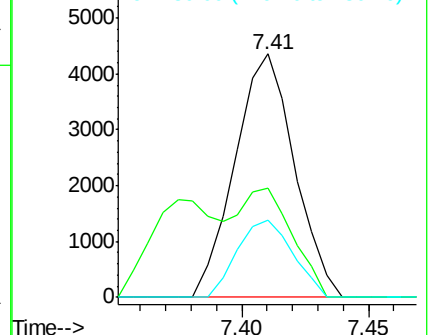
130 32.0 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 10.82 ng/ul

RT: 8.24 min Scan# 944

Delta R.T. -0.04 min

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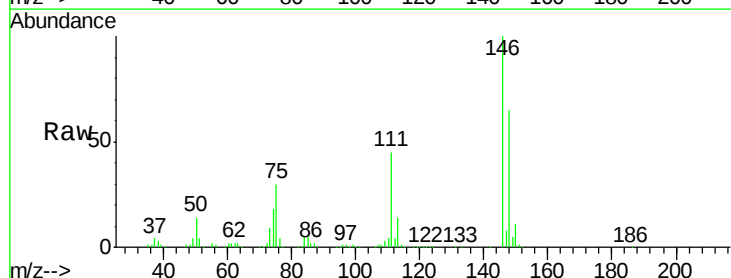
Acq: 17 Mar 2016 21:00

Tgt Ion:108 Resp: 41846

Ion Ratio Lower Upper

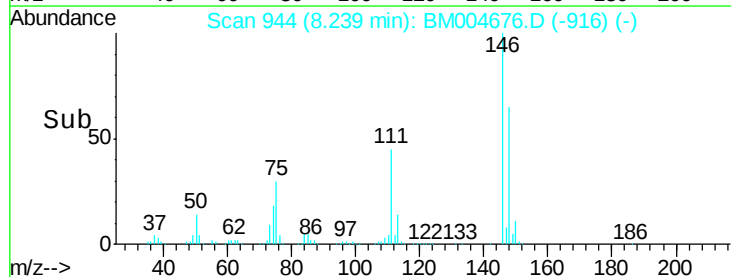
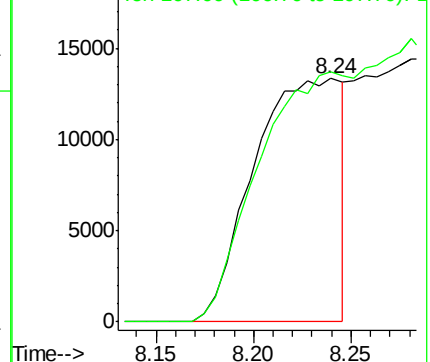
108 100

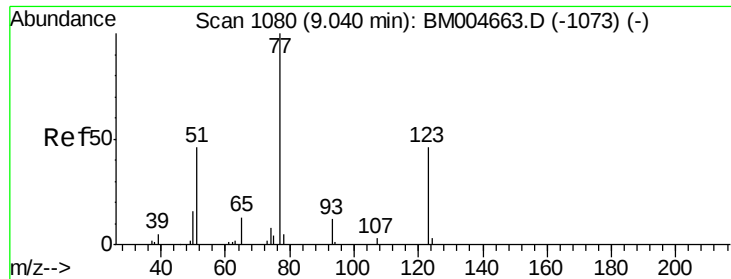
107 102.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

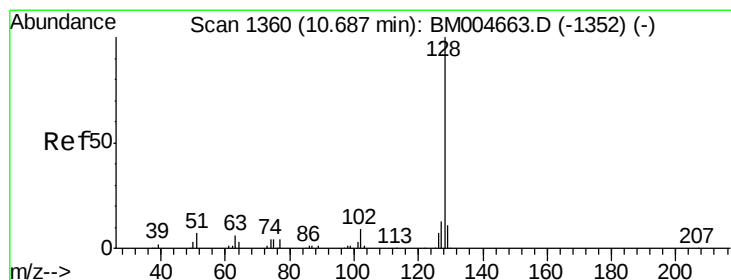
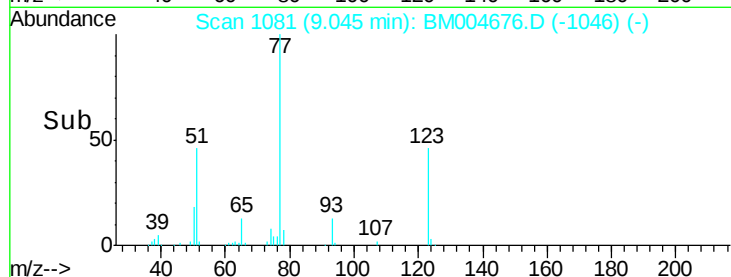
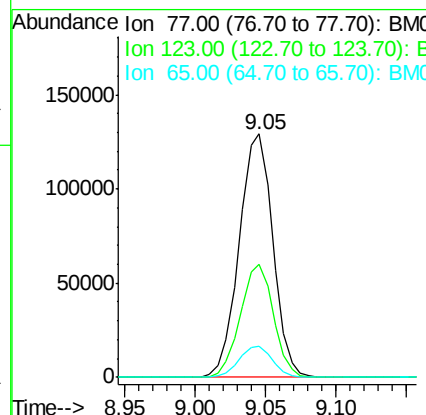
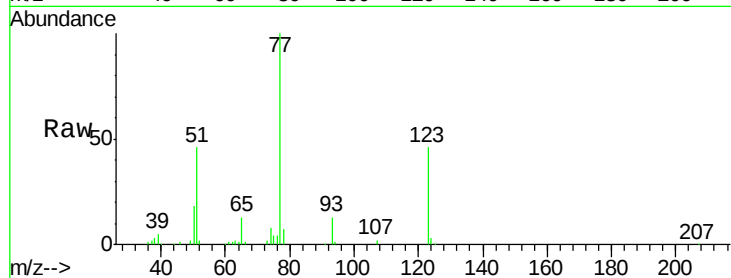




#20
Nitrobenzene
Concen: 43.34 ng/ul
RT: 9.05 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM004676.D
Acq: 17 Mar 2016 21:00

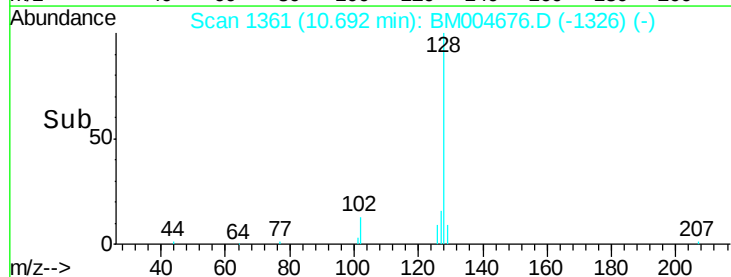
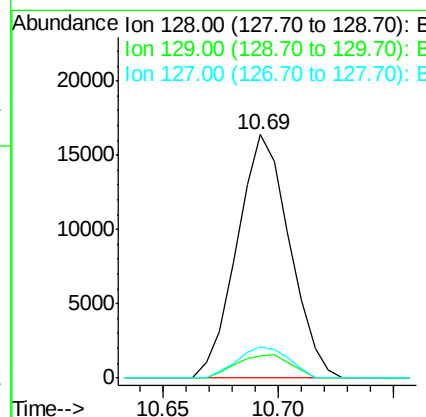
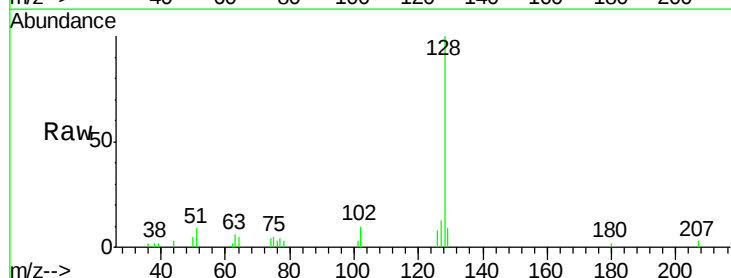
Instrument :
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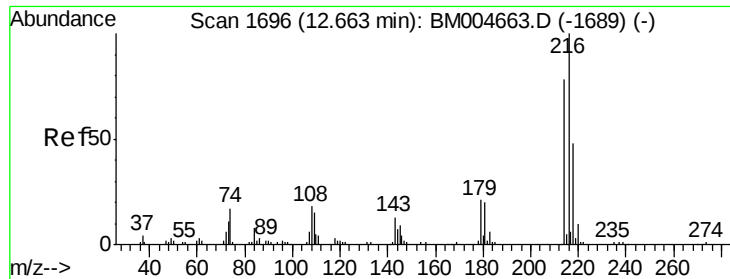
Tot Ion	Ratio	Lower	Upper
77	100		
123	46.4	39.0	58.4
65	12.8	10.4	15.6



#28
Naphthalene
Concen: 1.72 ng/ul
RT: 10.69 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BM004676.D
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Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.2	8.8	13.2
127	12.6	10.5	15.7

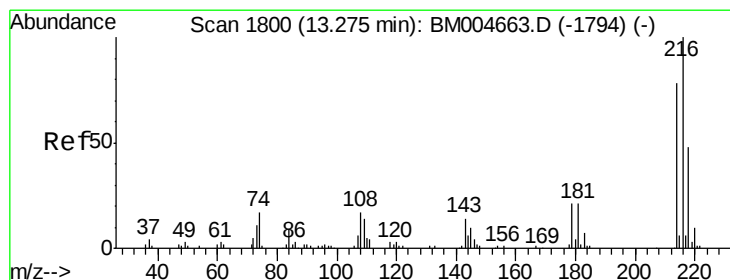
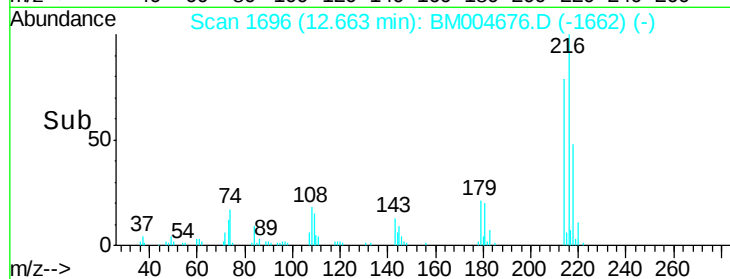
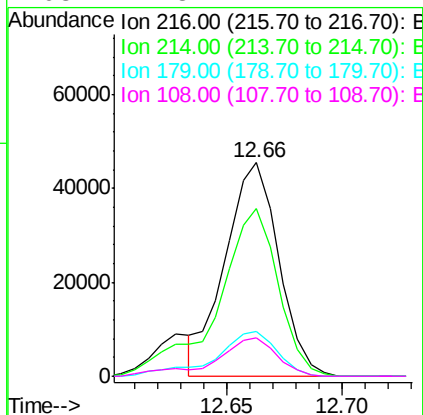
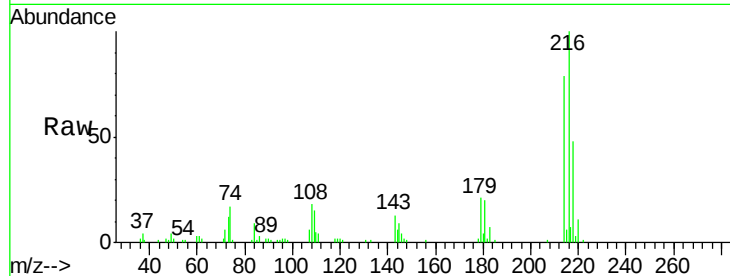




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.32 ng/uL
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004676.D
 Acq: 17 Mar 2016 21:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	73422	
Ion Ratio	Lower	Upper	
216	100		
214	78.7	62.5	93.7
179	20.8	18.2	27.2
108	17.8	14.2	21.2



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 53.66 ng/uL
 RT: 13.27 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BM004676.D
 Acq: 17 Mar 2016 21:00

Tgt	Ion:216	Resp:	246393
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
218	47.7	38.4	57.6

