

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040918\
 Data File : BM014684.D
 Acq On : 09 Apr 2018 13:09
 Operator : SJ/JU
 Sample : J2246-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 10 01:37:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 10 01:36:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	404692	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1778604	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	1035356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2336223	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2445273	20.00	ng/ul	0.00
85) Perylene-d12	24.48	264	2332906	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.69	96	10419	1.24	ng/uL	0.00
5) Phenol-d5	7.68	99	38269	1.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	132930	6.55	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	123691	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	77809	2.95	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	71217	6.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	60059	5.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	132233	5.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.55	131	399	0.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	545216	6.66	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	629888	6.06	ng/ul	0.00
51) 4-Nitrophenol-d4	15.31	143	10938	0.82	ng/ul	0.00
57) Fluorene-d10	16.14	176	466496	6.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	39871	4.00	ng/ul	0.00
70) Anthracene-d10	17.98	188	707362	6.43	ng/ul	0.00
78) Pyrene-d10	20.21	212	760804	6.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	670623	5.85	ng/ul	0.00

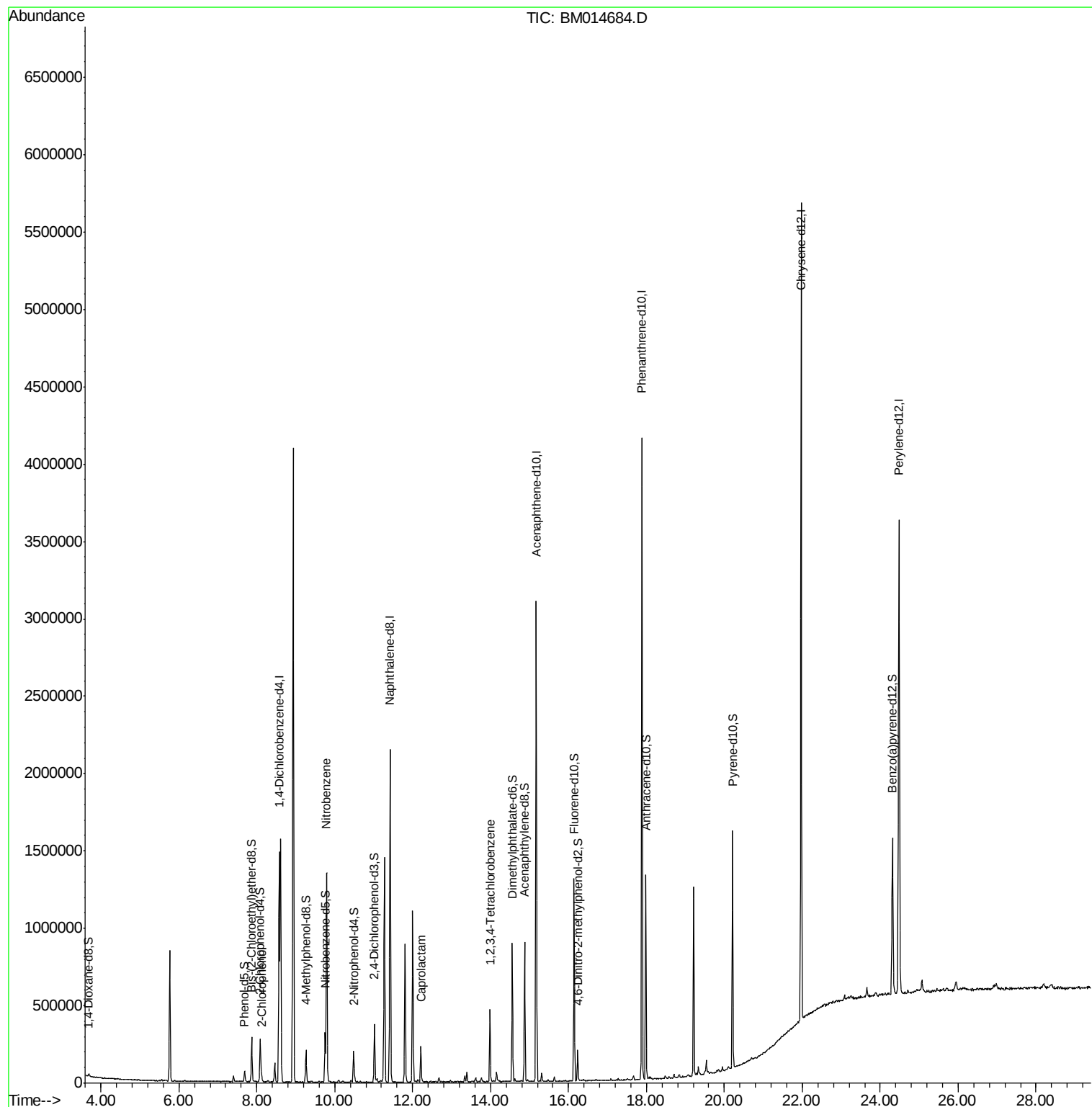
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 2-Chlorophenol	8.12	128	27354	1.040	ng/ul#	91
20) Nitrobenzene	9.79	77	727404	24.937	ng/ul	92
32) Caprolactam	12.21	113	15930	2.159	ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	130044	3.631	ng/uL	99

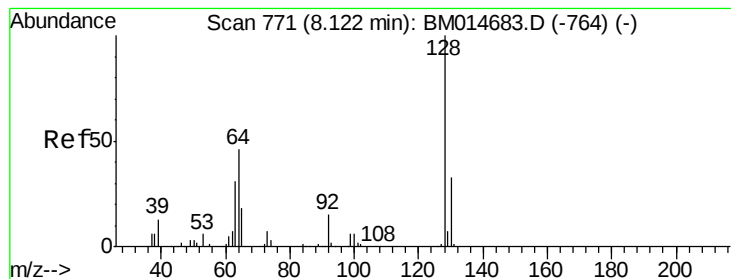
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.040 ng/ul

RT: 8.12 min Scan# 771

Delta R.T. 0.00 min

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ClientSampleId :

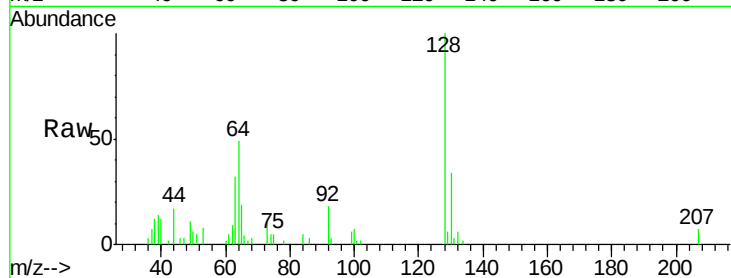
Tot Ion:128 Resp: 27354

Ion Ratio Lower Upper

128 100

64 48.6 31.9 47.9#

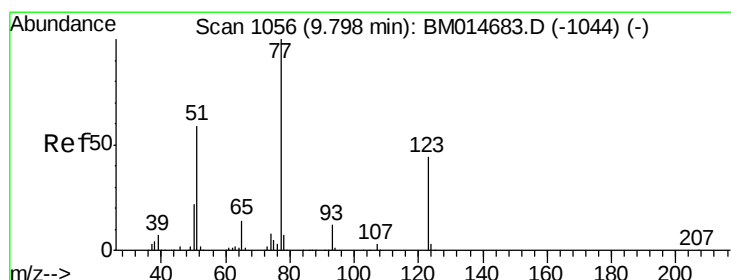
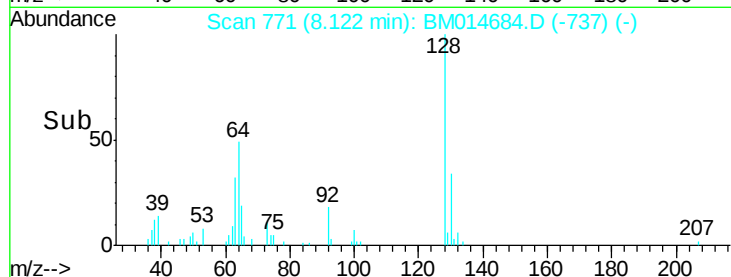
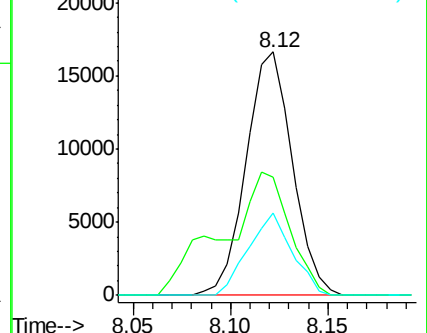
130 33.9 25.6 38.4



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



#20

Nitrobenzene

Concen: 24.937 ng/ul

RT: 9.79 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BM014684.D

Acq: 09 Apr 2018 13:09

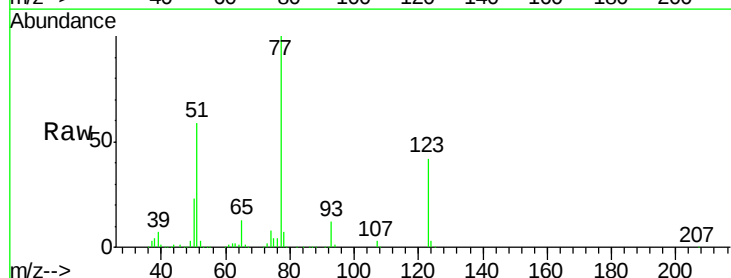
Tgt Ion: 77 Resp: 727404

Ion Ratio Lower Upper

77 100

123 42.1 39.0 58.4

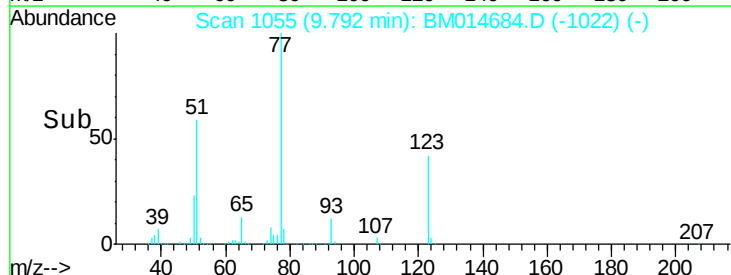
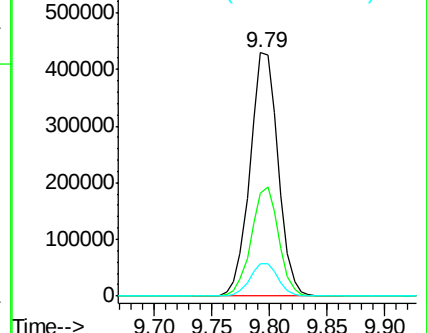
65 13.2 10.4 15.6

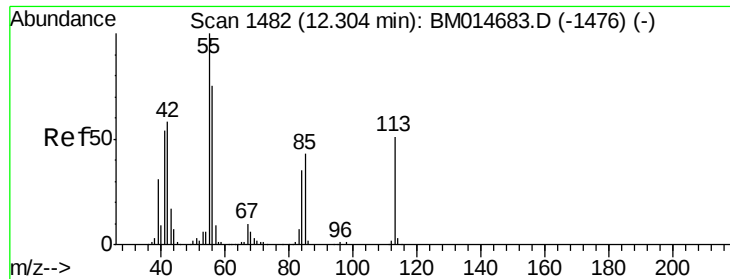


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 2.159 ng/ul

RT: 12.21 min Scan# 1466

Delta R.T. -0.09 min

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Acq: 09 Apr 2018 13:09

Instrument :

BNA_M

ClientSampleId :

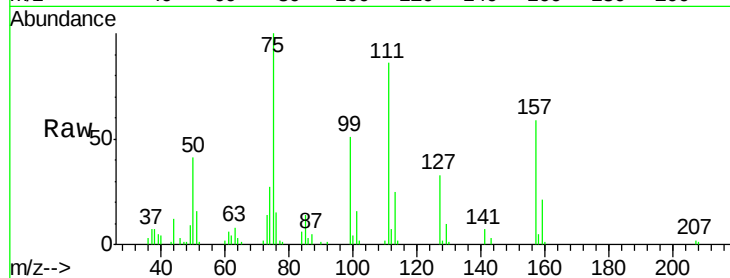
Tot Ion:113 Resp: 15930

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

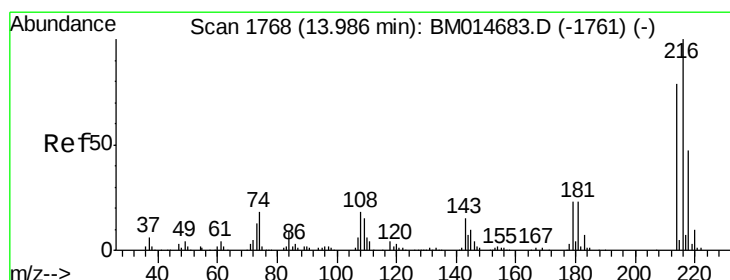
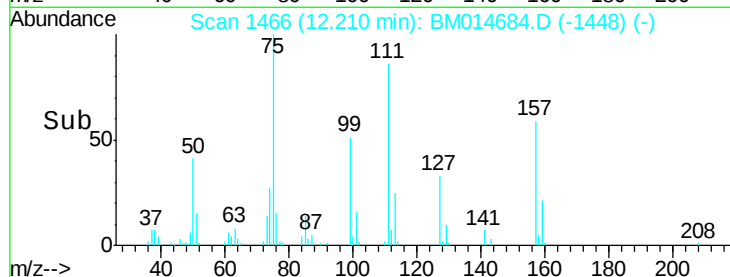
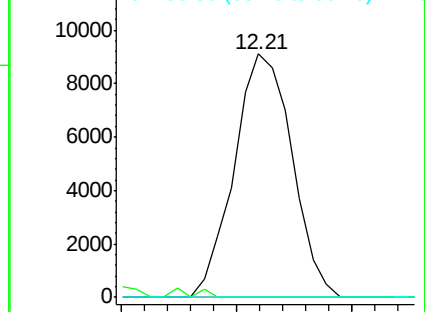
56 0.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#72

1,2,3,4-Tetrachlorobenzene

Concen: 3.631 ng/uL

RT: 13.99 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BM014684.D

Acq: 09 Apr 2018 13:09

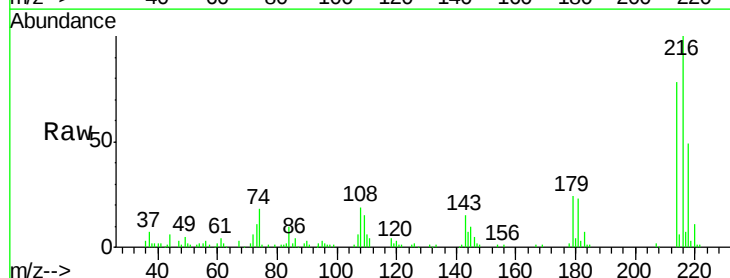
Tgt Ion:216 Resp: 130044

Ion Ratio Lower Upper

216 100

214 77.7 62.5 93.7

218 48.6 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

