

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015595.D
 Acq On : 09 Jun 2018 10:34
 Operator : SJ/JU
 Sample : J3261-01DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 11 00:47:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 09 02:29:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	100862	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	504303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	336998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.68	188	861012	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	1039685	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	1178436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	119	0.06	ng/uL	0.00
5) Phenol-d5	7.50	99	11343	1.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.66	67	39184	7.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	38410	5.49	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	24535	3.11	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	24418	7.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	25895	7.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	48460	6.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	530	0.06	ng/ul	-0.14
43) Dimethylphthalate-d6	14.36	166	230179	8.25	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	235771	7.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	4708	0.87	ng/ul	0.02
57) Fluorene-d10	15.94	176	194998	8.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	22134	4.27	ng/ul	0.00
70) Anthracene-d10	17.78	188	322497	8.22	ng/ul	0.00
78) Pyrene-d10	20.03	212	390225	8.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.04	264	490546	8.30	ng/ul	0.00

Target Compounds

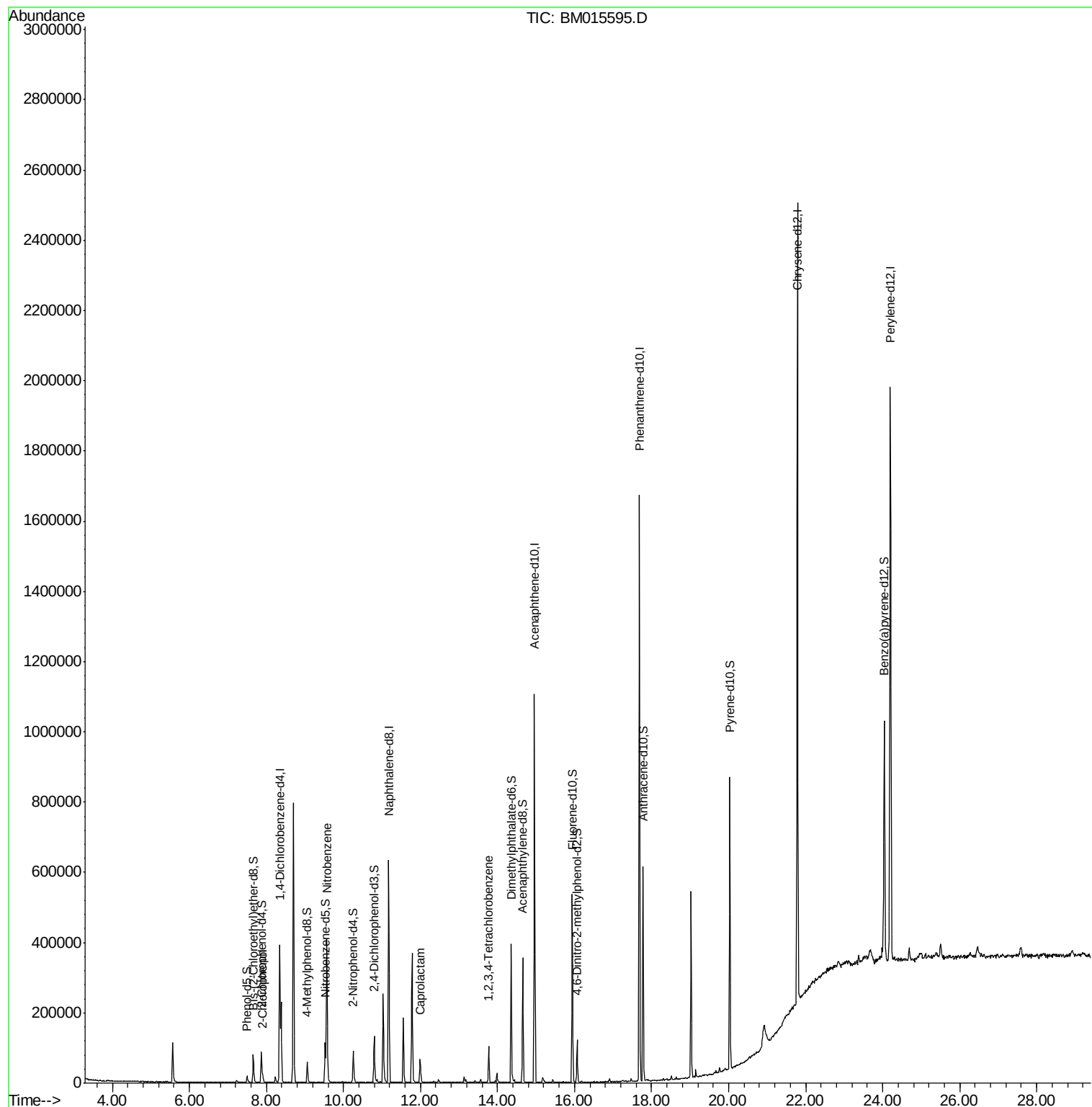
					Ovalue
10) 2-Chlorophenol	7.90	128	9740	1.350 ng/ul#	88
20) Nitrobenzene	9.57	77	222983	24.345 ng/ul	90
32) Caprolactam	11.99	113	4956	1.720 ng/ul#	1
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	27778	2.675 ng/uL	97

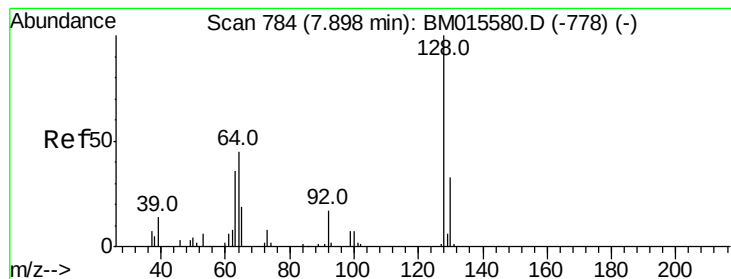
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.350 ng/ul

RT: 7.90 min Scan# 785

Delta R.T. 0.01 min

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BNA_M

ClientSampleId :

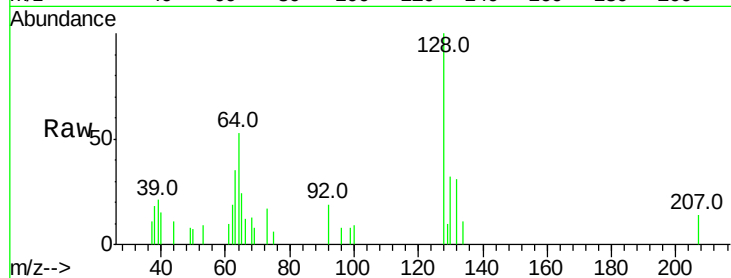
Tot Ion:128 Resp: 9740

Ion Ratio Lower Upper

128 100

64 52.7 31.9 47.9#

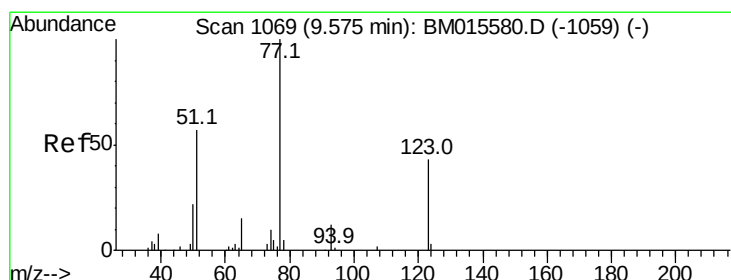
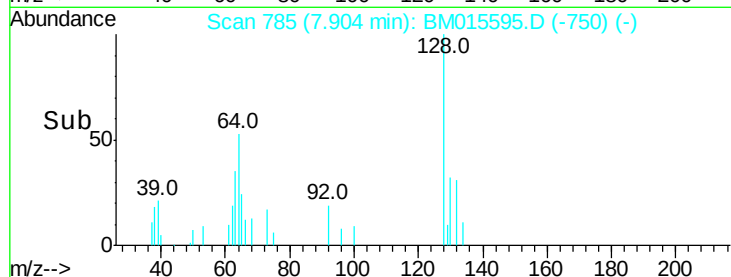
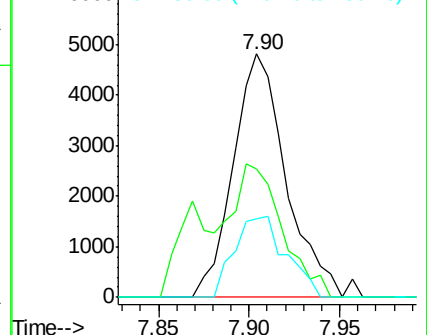
130 32.4 25.6 38.4



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: 24.345 ng/ul

RT: 9.57 min Scan# 1068

Delta R.T. -0.01 min

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Acq: 09 Jun 2018 10:34

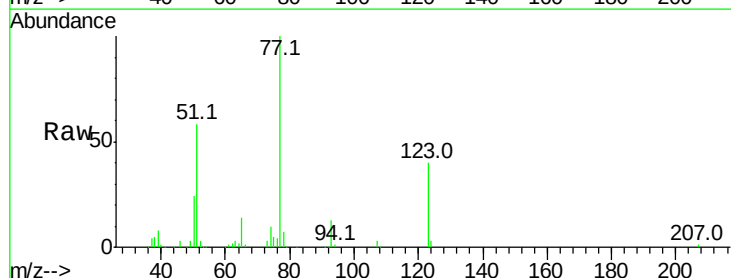
Tgt Ion: 77 Resp: 222983

Ion Ratio Lower Upper

77 100

123 40.2 39.0 58.4

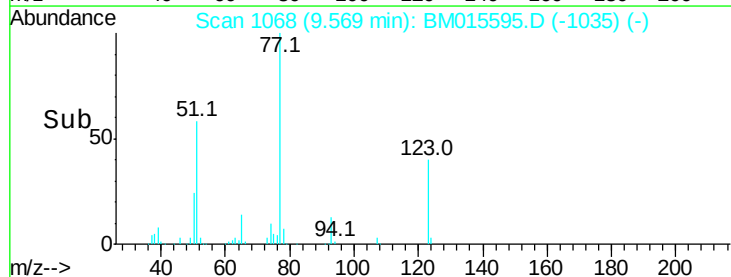
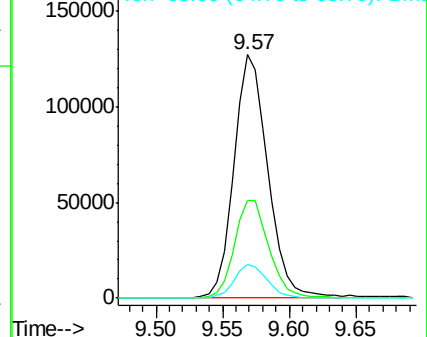
65 13.7 10.4 15.6

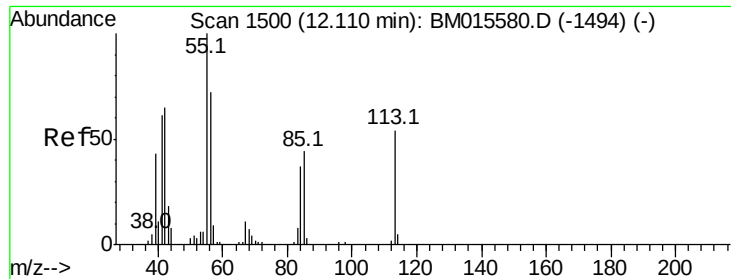


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#32

Caprolactam

Concen: 1.720 ng/ul

RT: 11.99 min Scan# 1480

Delta R.T. -0.12 min

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Acq: 09 Jun 2018 10:34

Instrument :

BNA_M

ClientSampleId :

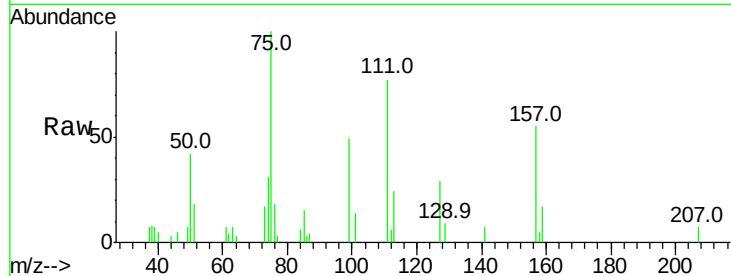
Tot Ion:113 Resp: 4956

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

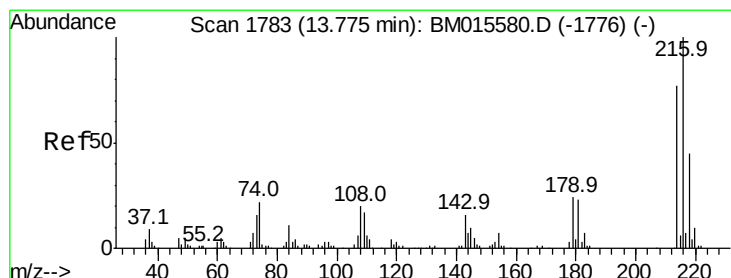
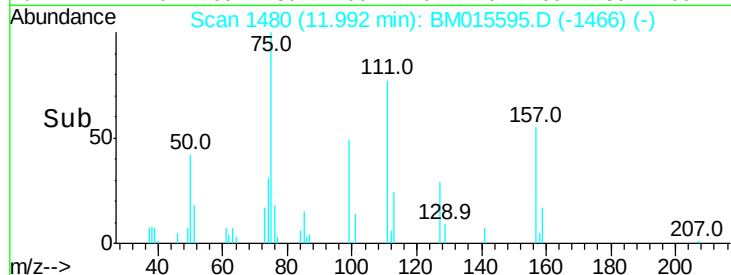
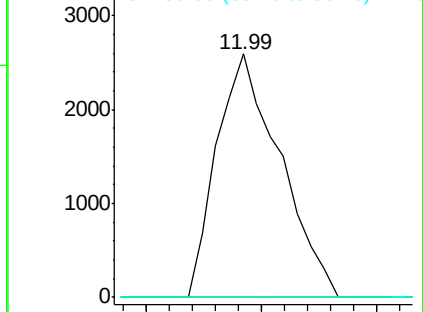
56 0.0 81.2 121.8#



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: 2.675 ng/uL

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

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Acq: 09 Jun 2018 10:34

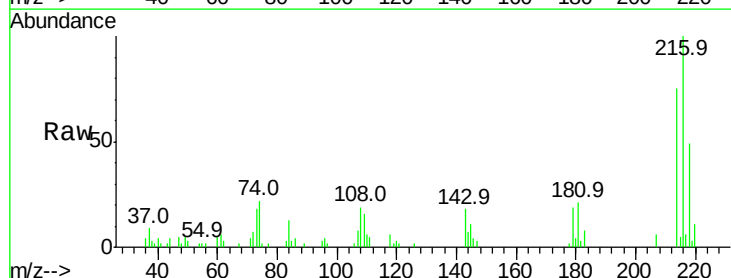
Tgt Ion:216 Resp: 27778

Ion Ratio Lower Upper

216 100

214 74.7 62.5 93.7

218 48.7 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

