

Data File : BN004173.D
Acq On : 21 Dec 2018 22:49
Operator : JU/SJ
Sample : J6420-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9H35

Quant Time: Dec 22 05:01:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	30351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	148609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91940	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	206459	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	245246	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	249581	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	1190	2.57	ng/uL	0.00
5) Phenol-d5	6.99	99	34368	11.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	22114	13.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	30902	13.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	28224	11.29	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	15925	13.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	18389	13.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	31955	13.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	40838	17.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	112863	13.75	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	138750	14.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	16899	9.96	ng/ul	0.00
57) Fluorene-d10	15.46	176	101685	14.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	13306	8.95	ng/ul	0.00
70) Anthracene-d10	17.31	188	157502	15.10	ng/ul	0.00
78) Pyrene-d10	19.60	212	174595	15.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	199962	14.77	ng/ul	0.00

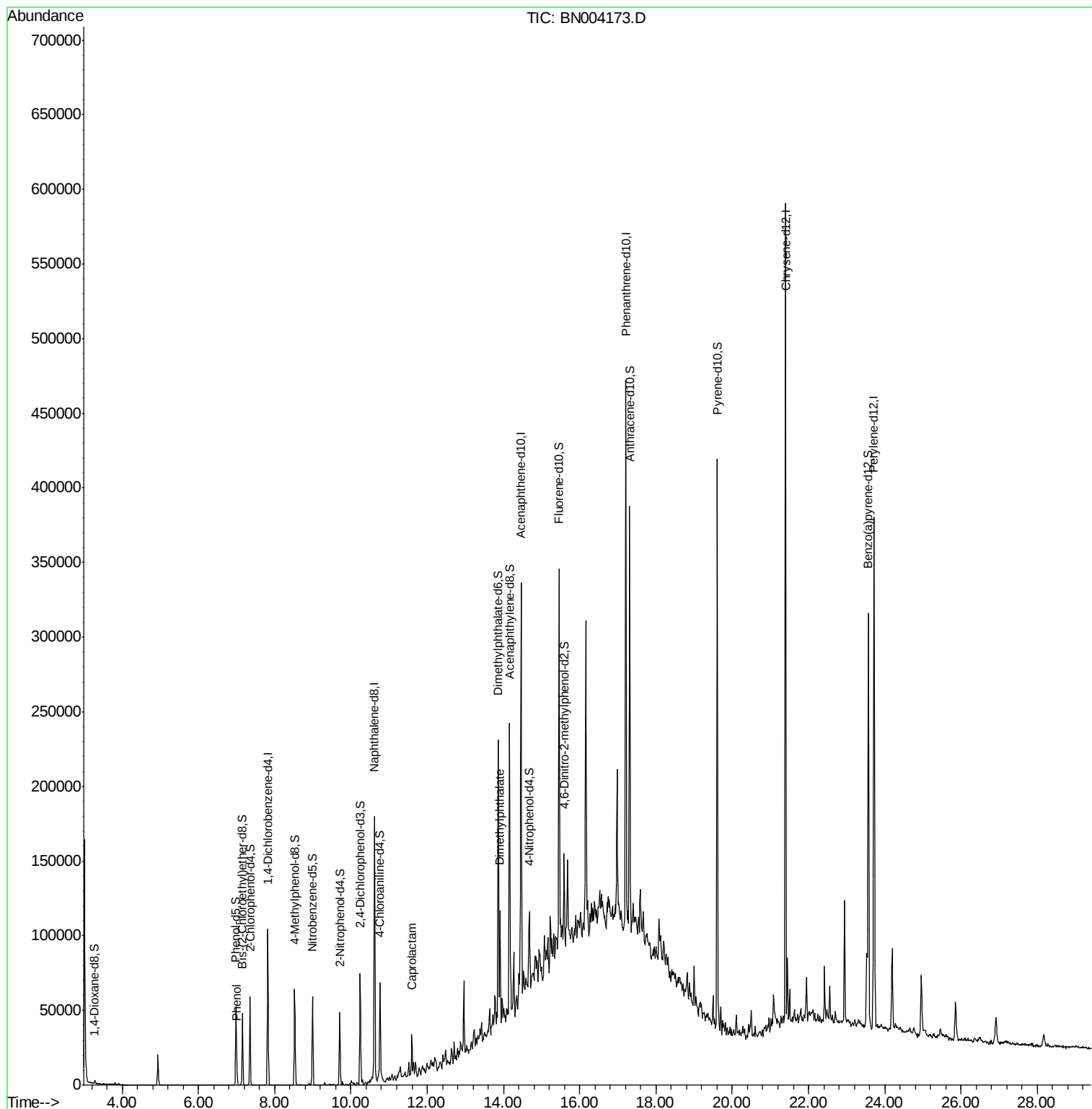
Target Compounds					Qvalue
6) Phenol	7.02	94	5914	1.964 ng/ul	98
32) Caprolactam	11.60	113	1105	1.161 ng/ul#	26
44) Dimethylphthalate	13.91	163	16737	2.089 ng/ul	96

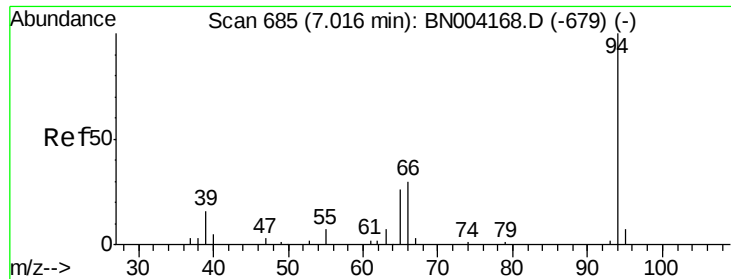
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.964 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

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BNA_N

ClientSampleId :

F9H35

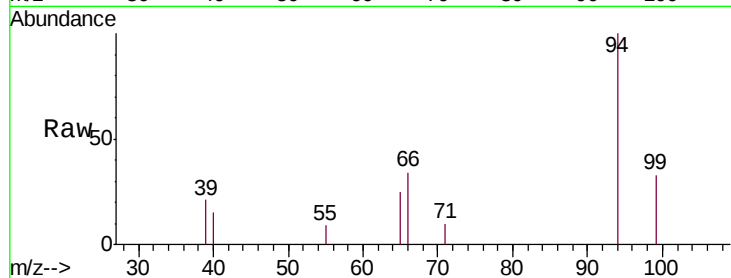
Tgt Ion: 94 Resp: 5914

Ion Ratio Lower Upper

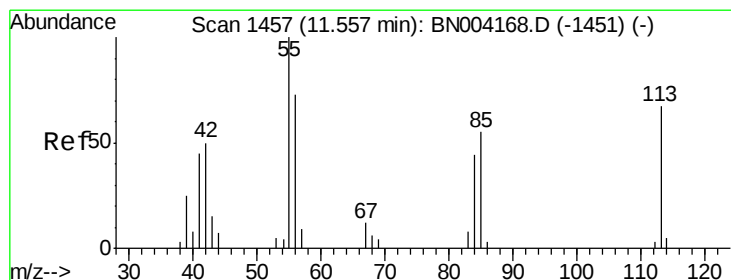
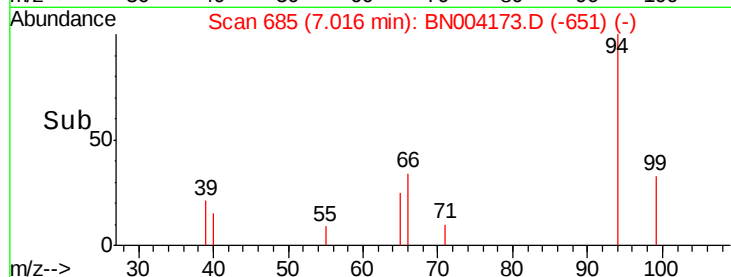
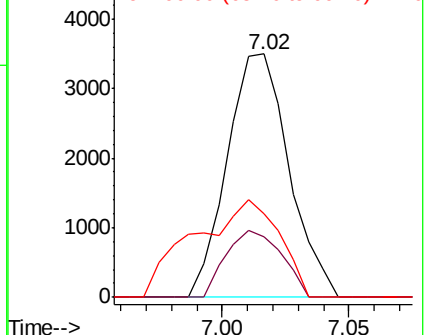
94 100

65 24.9 21.2 31.8

66 34.3 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#32

Caprolactam

Concen: 1.161 ng/ul

RT: 11.60 min Scan# 1464

Delta R.T. 0.04 min

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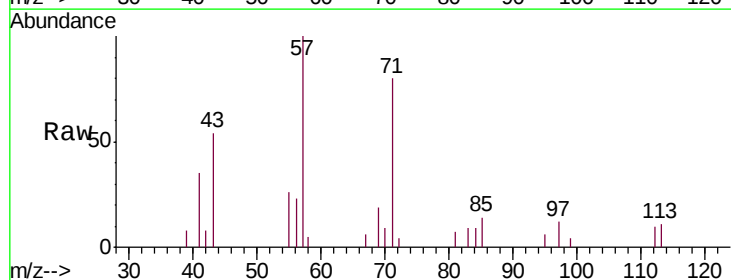
Tgt Ion: 113 Resp: 1105

Ion Ratio Lower Upper

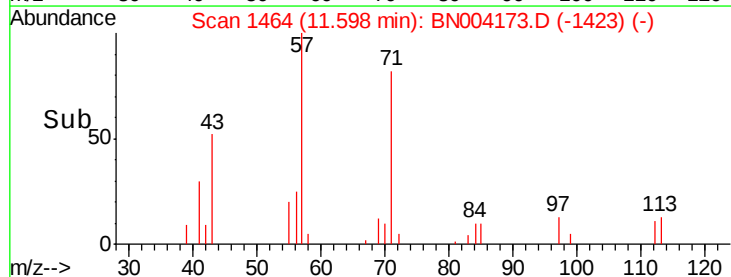
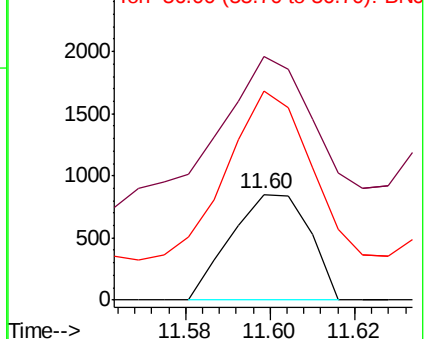
113 100

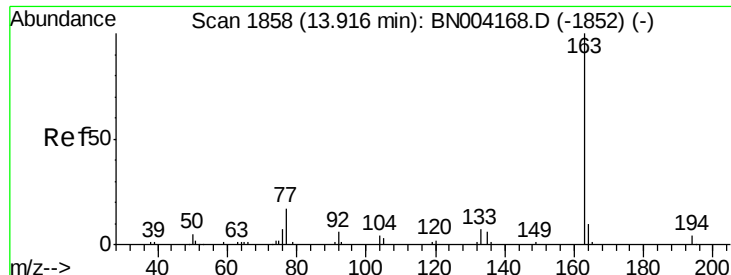
55 231.0 116.6 175.0#

56 198.3 89.9 134.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BN0
Ion 56.00 (55.70 to 56.70): BN0





#44

Dimethylphthalate

Concen: 2.089 ng/ul

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

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Instrument :

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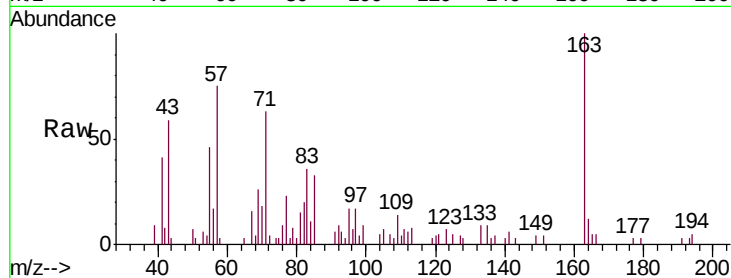
Tgt Ion:163 Resp: 16737

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

164 11.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

