

Data File : BN006410.D
Acq On : 19 Jun 2019 23:14
Operator : JU/SJ
Sample : K3335-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Z7

Quant Time: Jun 20 05:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 05:40:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	216633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1001275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	630997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1411480	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1417607	20.00	ng/ul	-0.01
85) Perylene-d12	23.47	264	1642090	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	8906	1.61	ng/uL	0.00
5) Phenol-d5	6.80	99	137781	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	102780	7.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	107908	6.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	94997	5.19	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	52747	6.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	54911	6.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	97341	5.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	79608	4.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	450634	8.15	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	454300	6.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	29994	3.17	ng/ul	0.01
57) Fluorene-d10	15.28	176	363627	7.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	35584	3.98	ng/ul	0.00
70) Anthracene-d10	17.13	188	557714	7.85	ng/ul	0.00
78) Pyrene-d10	19.44	212	642416	7.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	654375	7.06	ng/ul	-0.02

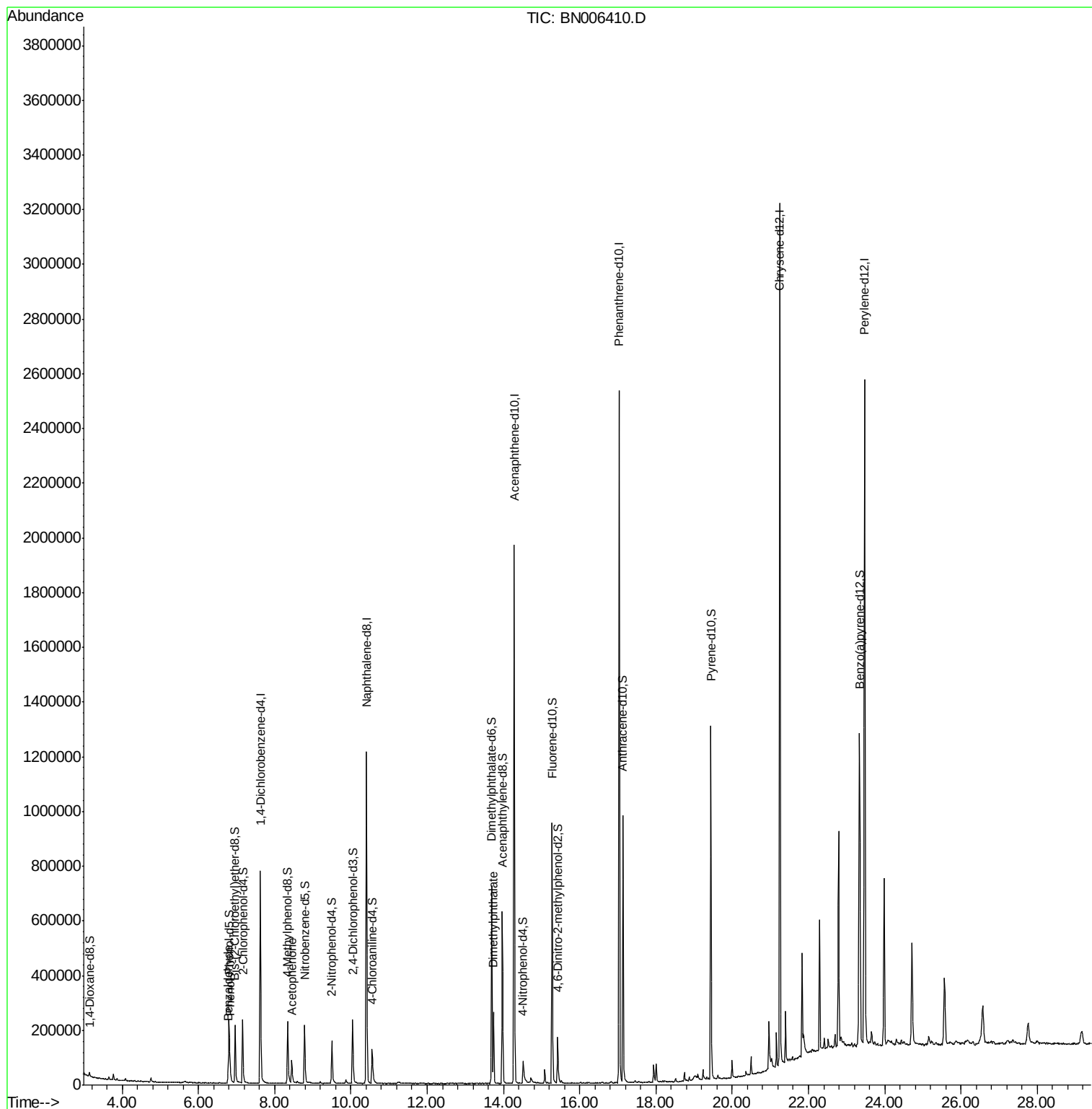
Target Compounds				Qvalue		
4) Benzaldehyde	6.78	77	20986	2.252	ng/ul	98
6) Phenol	6.83	94	22504	1.012	ng/ul	94
14) Acetophenone	8.45	105	50328	1.917	ng/ul	99
44) Dimethylphthalate	13.74	163	157704	3.093	ng/ul	99

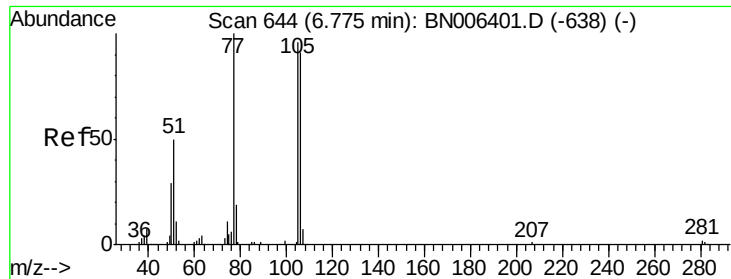
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.252 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.01 min

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Acq: 19 Jun 2019 23:14

Instrument :

BNA_N

ClientSampleId :

A41Z7

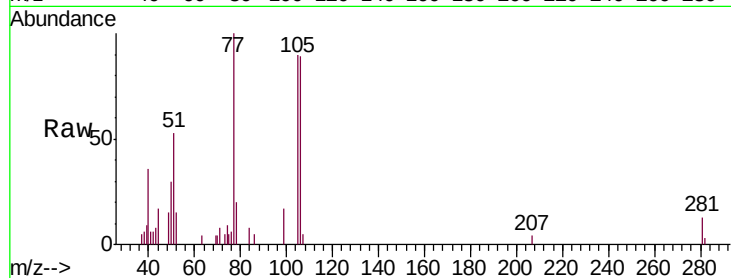
Tgt Ion: 77 Resp: 20986

Ion Ratio Lower Upper

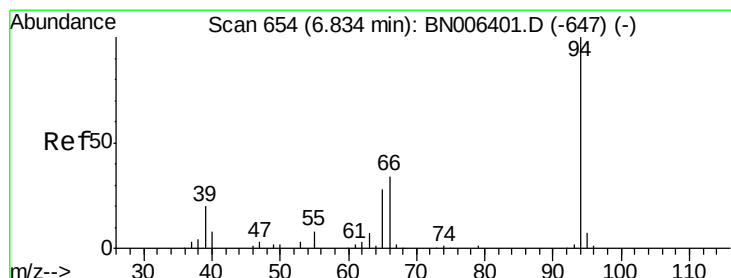
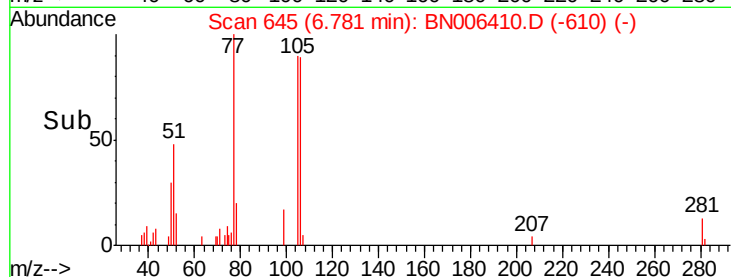
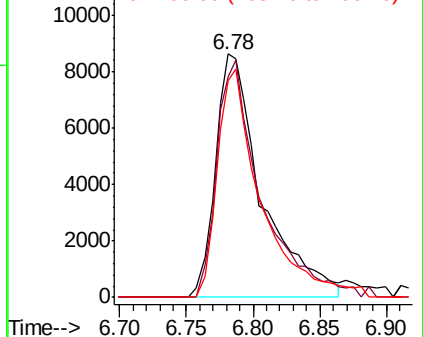
77 100

105 90.4 74.1 111.1

106 89.2 72.7 109.1



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#6

Phenol

Concen: 1.012 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BN006410.D

Acq: 19 Jun 2019 23:14

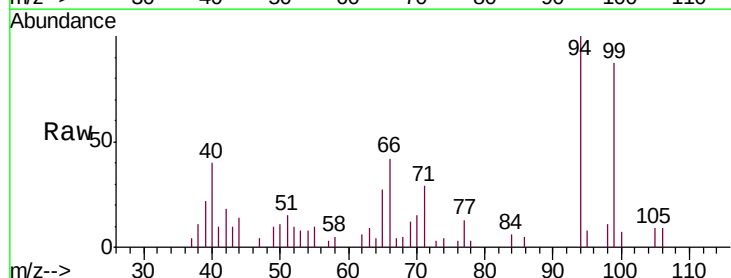
Tgt Ion: 94 Resp: 22504

Ion Ratio Lower Upper

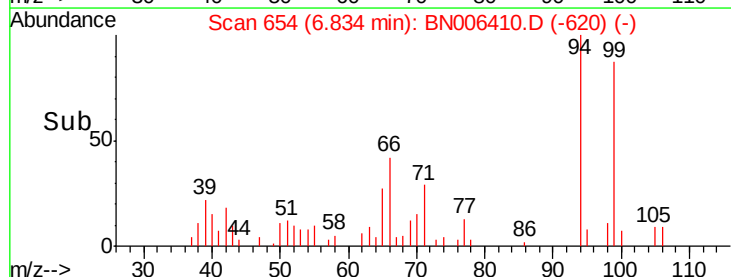
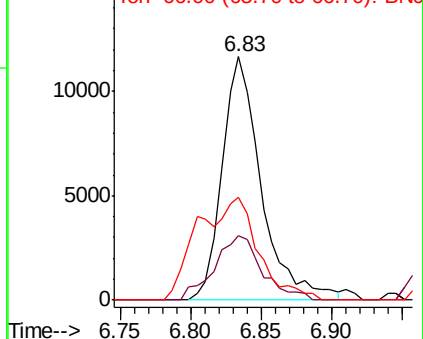
94 100

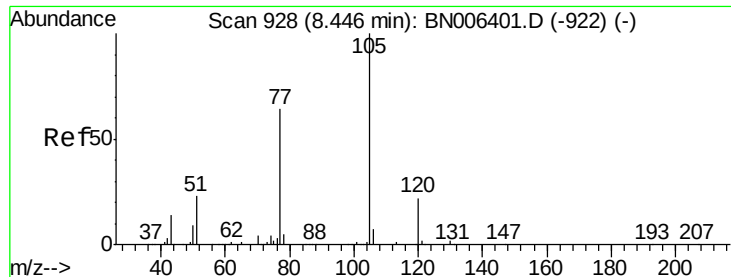
65 26.7 22.5 33.7

66 42.2 29.5 44.3



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





#14

Acetophenone

Concen: 1.917 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. 0.01 min

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Acq: 19 Jun 2019 23:14

Instrument :

BNA_N

ClientSampleId :

A41Z7

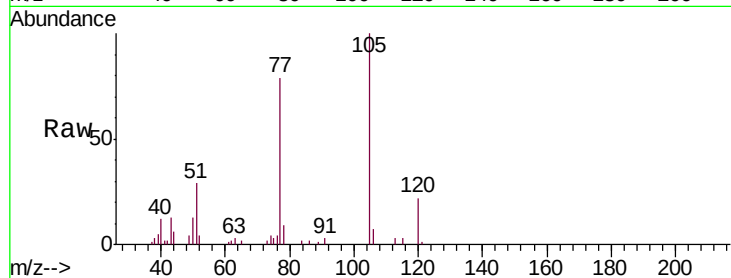
Tgt Ion:105 Resp: 50328

Ion Ratio Lower Upper

105 100

77 79.0 64.1 96.1

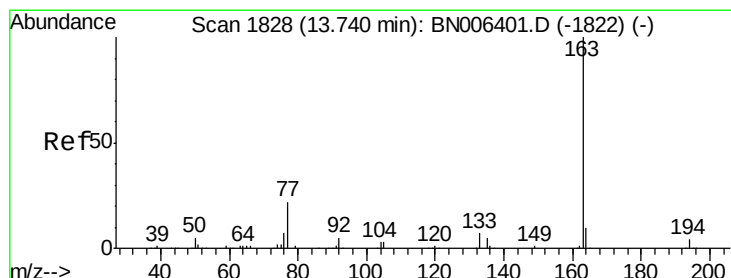
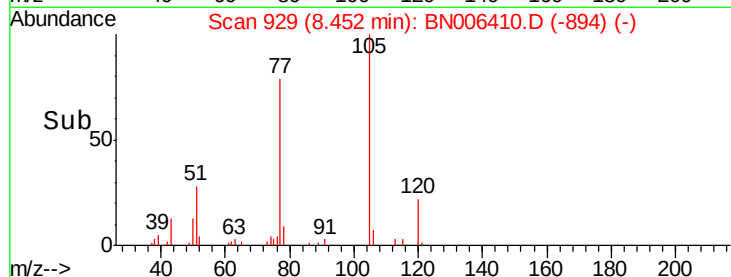
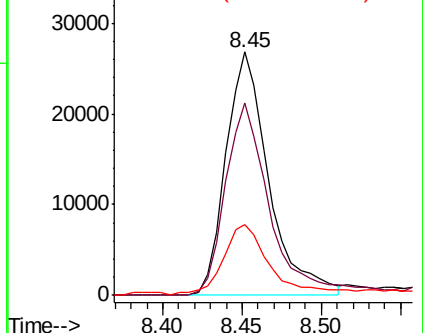
51 29.1 23.0 34.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#44

Dimethylphthalate

Concen: 3.093 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.00 min

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Acq: 19 Jun 2019 23:14

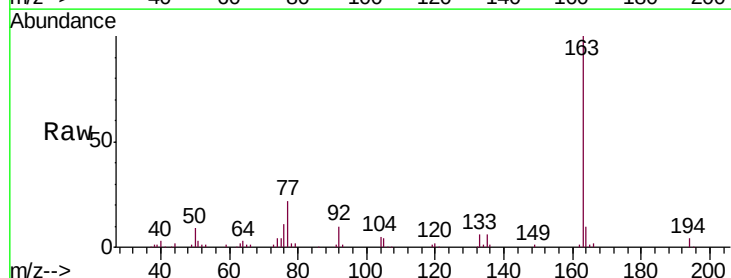
Tgt Ion:163 Resp: 157704

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.2 8.0 12.0



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

