

Data File : BP001914.D
Acq On : 26 Feb 2020 01:01
Operator : CG/JU
Sample : L1543-07
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBD71

Quant Time: Feb 26 05:56:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 05:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	347644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1508746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1004633	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2384116	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2612199	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2579407	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	39400	4.71	ng/uL	0.00
5) Phenol-d5	6.83	99	826257	31.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	469200	30.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	720152	33.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	656244	31.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	369045	36.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	415334	44.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	776473	35.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1004988	38.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2530517	35.89	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2999186	34.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	412722	33.62	ng/ul	0.00
58) Fluorene-d10	15.29	176	2265815	35.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	302344	32.17	ng/ul	0.00
71) Anthracene-d10	17.13	188	3618024	34.45	ng/ul	0.00
79) Pyrene-d10	19.38	212	4329752	32.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	4555293	36.57	ng/ul	0.00

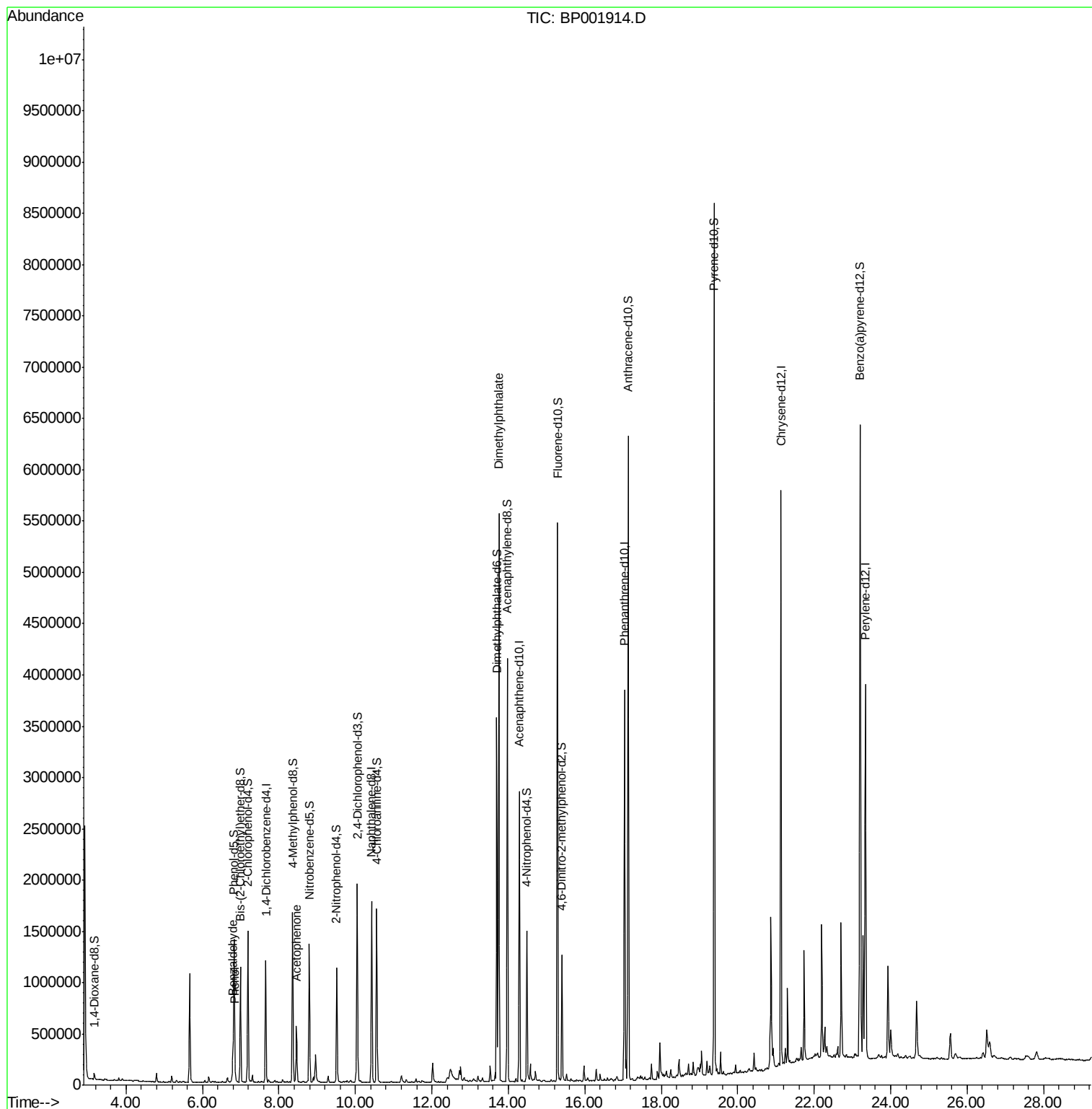
Target Compounds				Qvalue		
4) Benzaldehyde	6.79	77	139236	8.659	ng/ul	98
6) Phenol	6.85	94	47359	1.701	ng/ul#	91
14) Acetophenone	8.46	105	300342	9.329	ng/ul	99
45) Dimethylphthalate	13.75	163	3735620	50.343	ng/ul	99

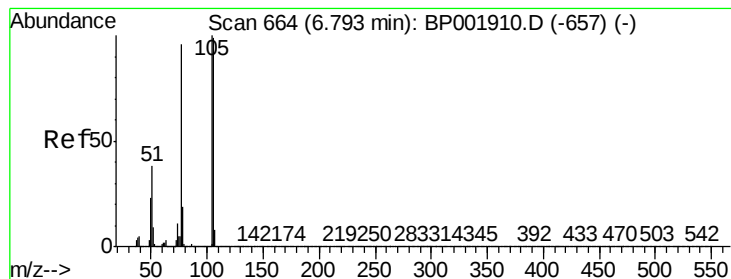
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 8.659 ng/ul

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

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BNA_P

ClientSampleId :

DBD71

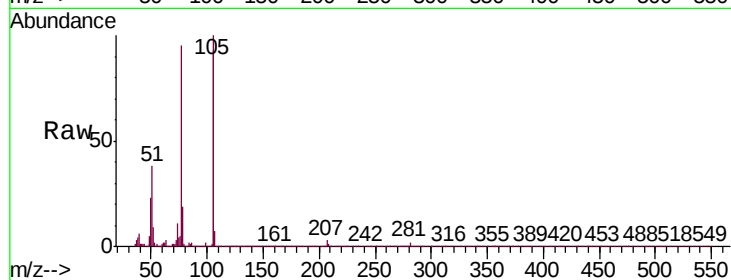
Tgt Ion: 77 Resp: 139236

Ion Ratio Lower Upper

77 100

105 105.3 82.0 123.0

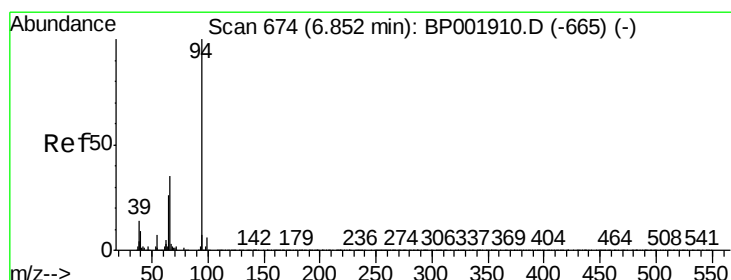
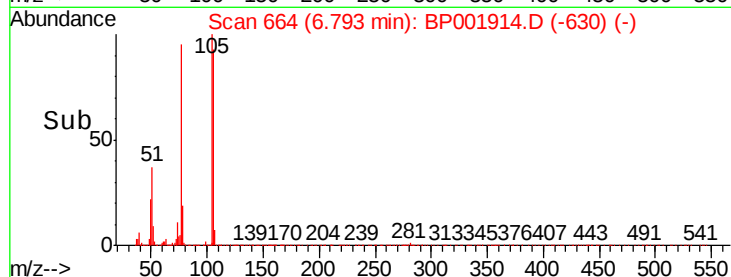
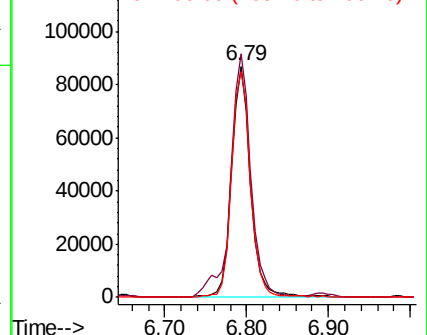
106 97.9 78.9 118.3



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#6

Phenol

Concen: 1.701 ng/ul

RT: 6.85 min Scan# 674

Delta R.T. 0.00 min

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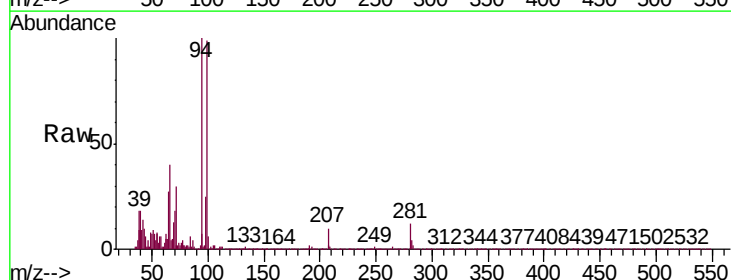
Tgt Ion: 94 Resp: 47359

Ion Ratio Lower Upper

94 100

65 27.0 19.8 29.6

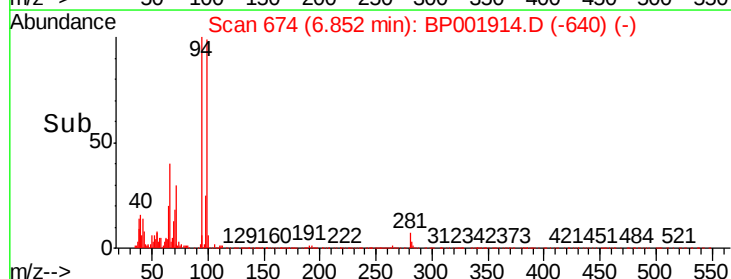
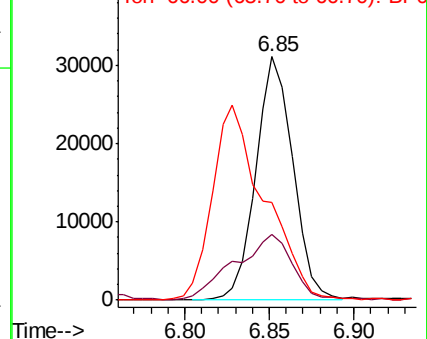
66 40.3 26.6 39.8#

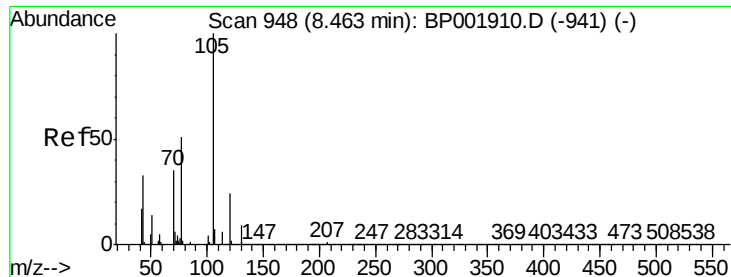


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#14

Acetophenone

Concen: 9.329 ng/ul

RT: 8.46 min Scan# 948

Delta R.T. 0.00 min

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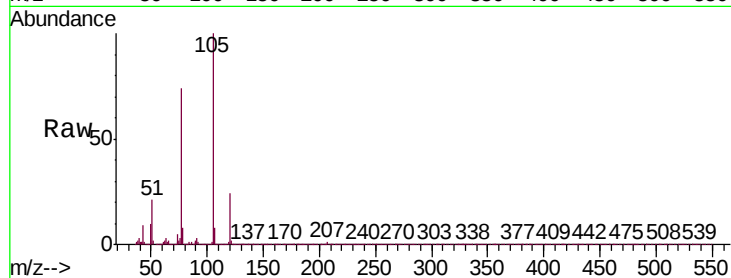
Tgt Ion:105 Resp: 300342

Ion Ratio Lower Upper

105 100

77 73.9 59.8 89.6

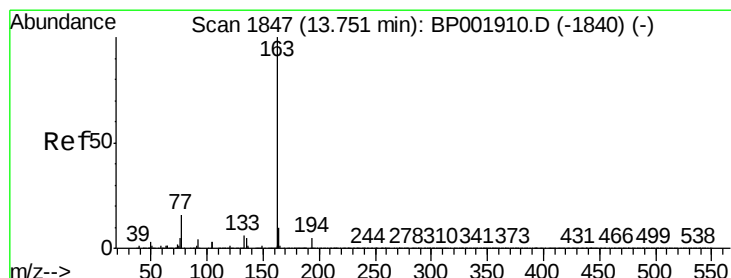
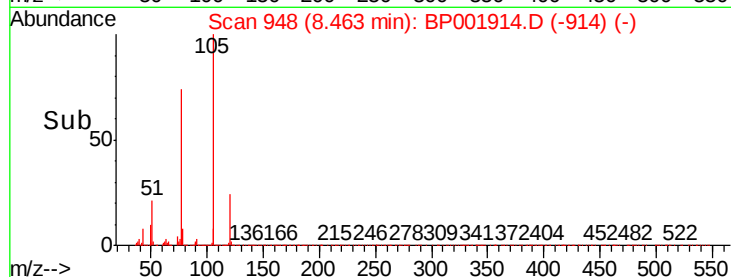
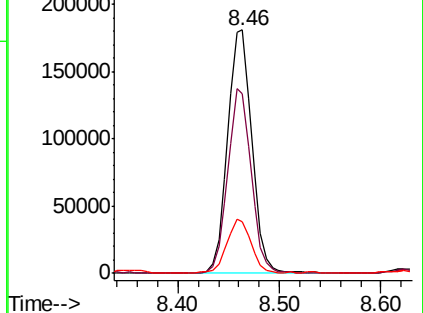
51 21.2 17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#45

Dimethylphthalate

Concen: 50.343 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. 0.00 min

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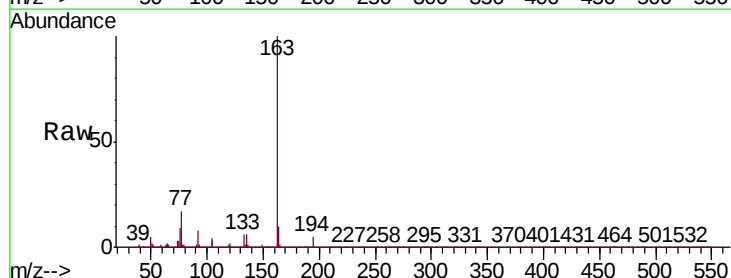
Tgt Ion:163 Resp: 3735620

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

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

