

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027476.D
 Acq On : 18 Sep 2020 23:51
 Operator : JU/CG
 Sample : L4046-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG0Q2

Quant Time: Sep 19 02:17:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 00:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	160383	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	613862	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	408155	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	817680	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	720545	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	717224	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	16975	4.71	ng/uL	0.00
5) Phenol-d5	6.69	99	102406	7.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	236101	26.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	241109	24.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	175275	16.26	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	136044	29.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	158776	31.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	313309	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	346292	26.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1009279	31.08	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1253261	34.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	23149	4.05	ng/ul	0.02
58) Fluorene-d10	15.15	176	867763	29.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	126710	24.21	ng/ul	0.00
71) Anthracene-d10	16.99	188	1310115	33.88	ng/ul	0.00
79) Pyrene-d10	19.30	212	1341190	41.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1270477	33.02	ng/ul	0.00

Target Compounds

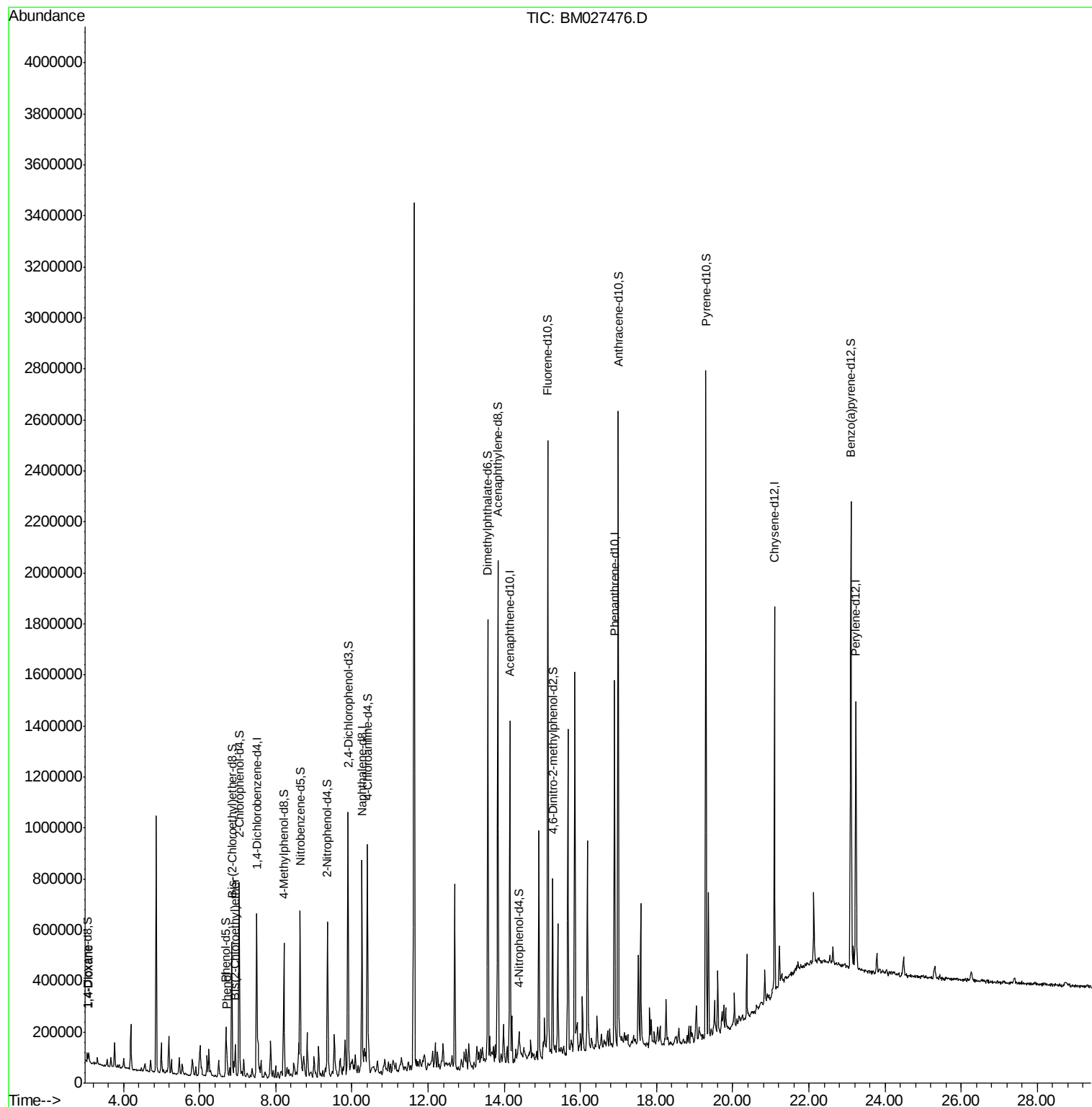
				Ovalue	
2) 1,4-Dioxane	3.09	88	18272	4.235	ng/uL# 95
6) Phenol	6.72	94	34370	2.446	ng/ul 93
8) Bis(2-Chloroethyl)ether	6.93	93	63933	5.666	ng/ul 95

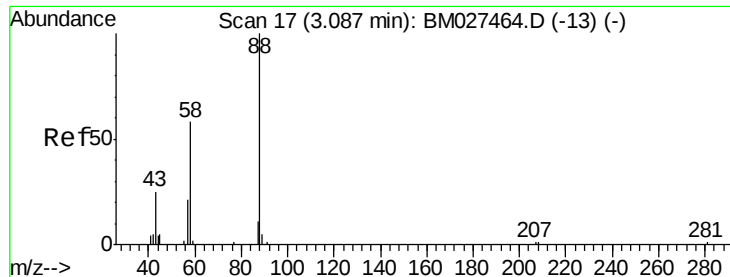
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.235 ng/uL

RT: 3.09 min Scan# 17

Delta R.T. 0.00 min

Lab File: BM027476.D

Acq: 18 Sep 2020 23:51

Instrument :

BNA_M

ClientSampleId :

BG0Q2

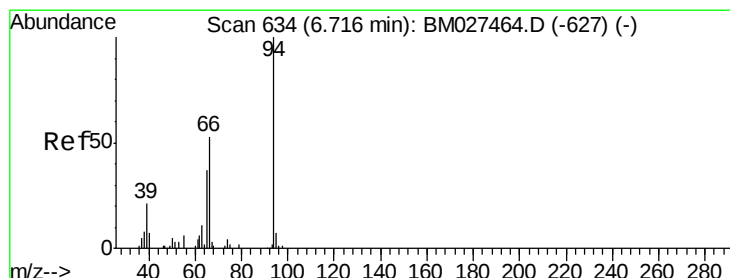
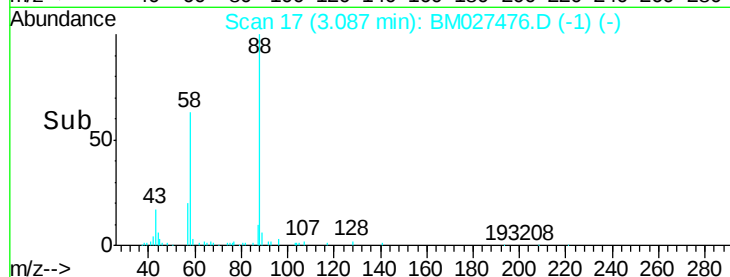
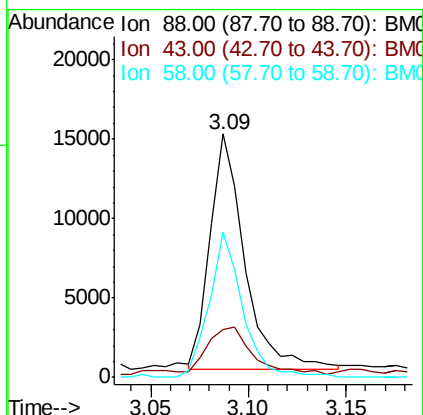
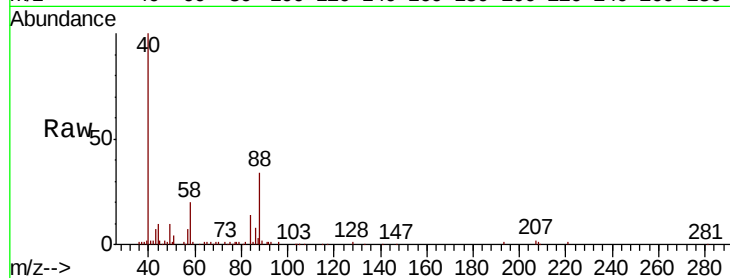
Tot Ion: 88 Resp: 18272

Ion Ratio Lower Upper

88 100

43 19.7 21.7 32.5#

58 59.8 47.4 71.0



#6

Phenol

Concen: 2.446 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM027476.D

Acq: 18 Sep 2020 23:51

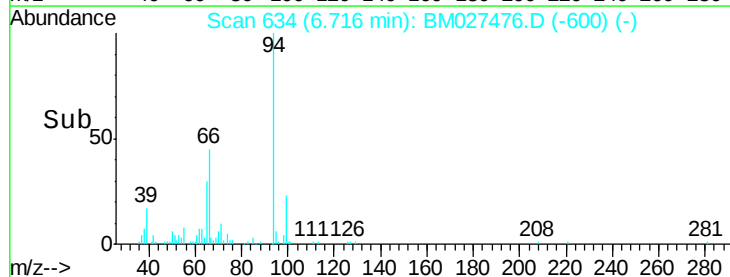
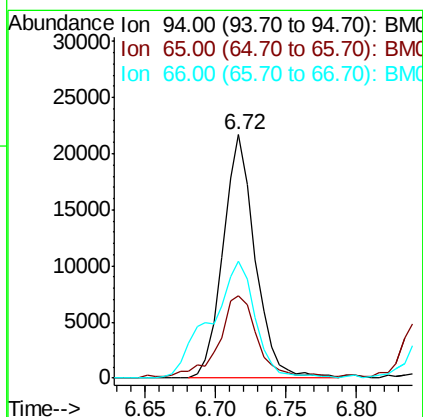
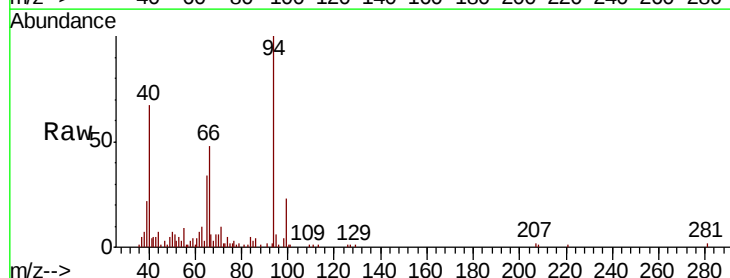
Tgt Ion: 94 Resp: 34370

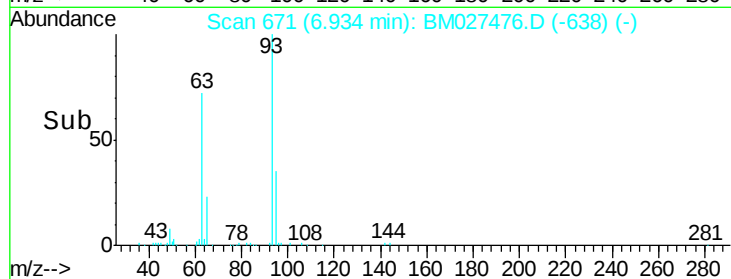
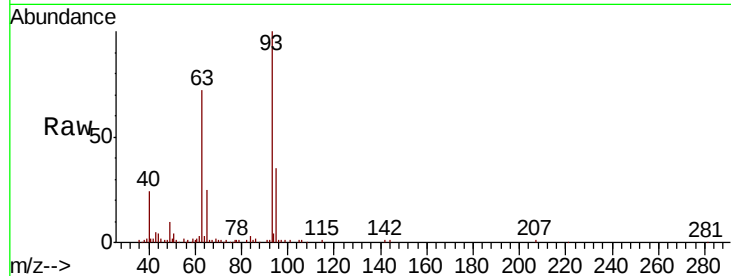
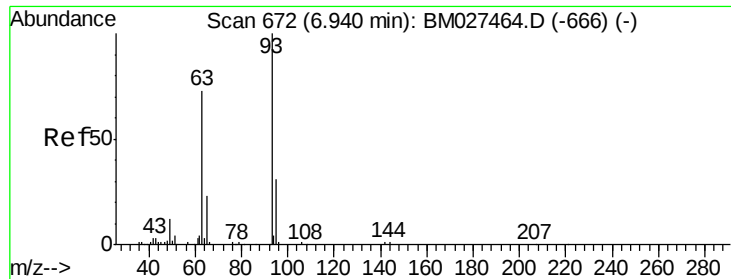
Ion Ratio Lower Upper

94 100

65 34.0 30.2 45.4

66 48.2 42.4 63.6





#8

Bis(2-Chloroethyl)ether

Concen: 5.666 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

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Tot Ion: 93 Resp: 63933

Ion Ratio Lower Upper

93 100

63 72.3 60.6 90.8

95 35.2 25.0 37.4

