

Data File : BM017976.D
Acq On : 06 Dec 2018 20:50
Operator : JU/SJ
Sample : J6137-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9J15

Quant Time: Dec 07 06:55:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 07 06:52:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	129756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	495144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	249804	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	509690	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	556075	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	593376	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	5303	1.87	ng/uL	0.00
5) Phenol-d5	6.75	99	71367	6.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	206342	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	245703	26.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	134975	13.94	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	135140	35.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	151104	34.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	244315	29.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	280	0.04	ng/ul	0.06
43) Dimethylphthalate-d6	13.63	166	742659	34.26	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	924751	35.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	3817	0.97	ng/ul	0.06
57) Fluorene-d10	15.21	176	614096	32.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	82428	22.62	ng/ul	0.00
70) Anthracene-d10	17.06	188	921915	36.33	ng/ul	0.00
78) Pyrene-d10	19.37	212	1006096	37.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	1181087	36.70	ng/ul	0.00

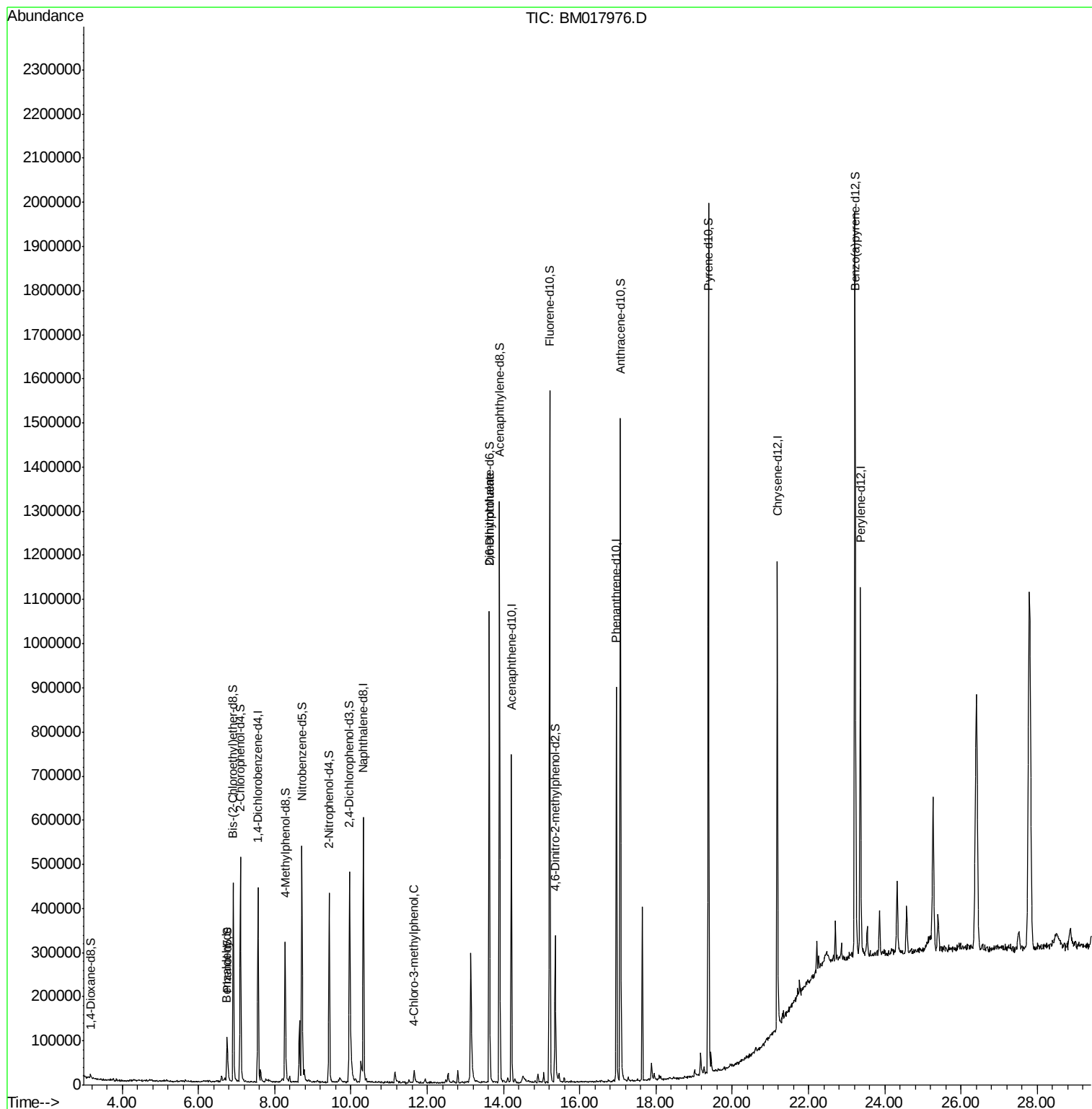
Target Compounds					Qvalue
4) Benzaldehyde	6.74	77	2551	1.154 ng/ul#	82
33) 4-Chloro-3-methylphenol	11.66	107	13326	1.498 ng/ul	96
45) 2,6-Dinitrotoluene	13.63	165	5351	1.297 ng/ul#	35

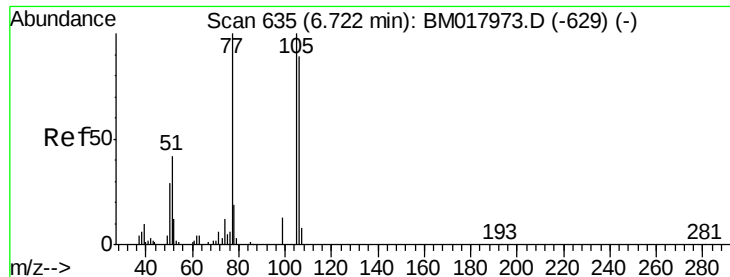
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.154 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. 0.02 min

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Acq: 06 Dec 2018 20:50

Instrument :

BNA_M

ClientSampled :

F9J15

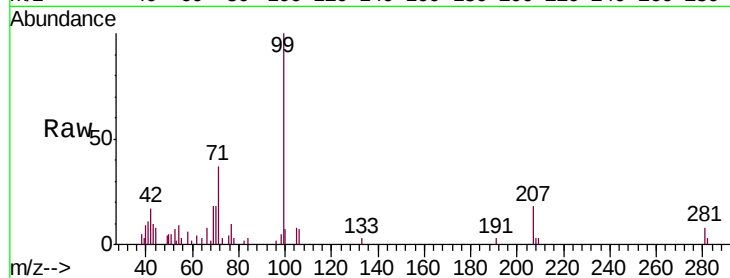
Tgt Ion: 77 Resp: 2551

Ion Ratio Lower Upper

77 100

105 77.7 74.4 111.6

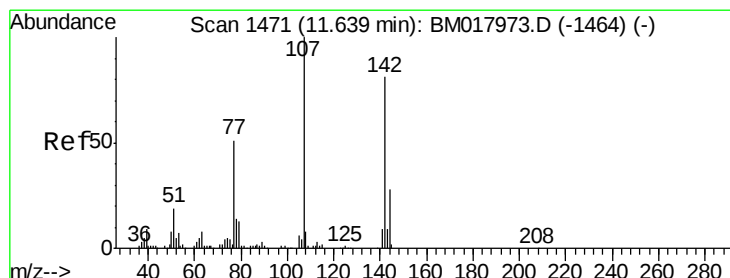
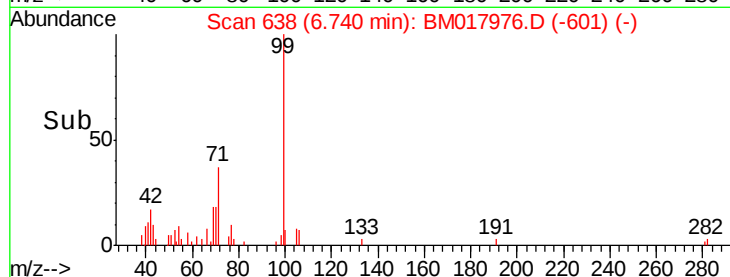
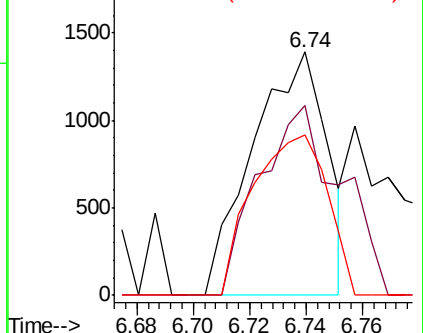
106 65.7 67.4 101.2#



Abundance Ion 77.00 (76.70 to 77.70): BM017976.D (-601) (-)

Ion 105.00 (104.70 to 105.70): BM017976.D (-601) (-)

Ion 106.00 (105.70 to 106.70): BM017976.D (-601) (-)



#33

4-Chloro-3-methylphenol

Concen: 1.498 ng/ul

RT: 11.66 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BM017976.D

Acq: 06 Dec 2018 20:50

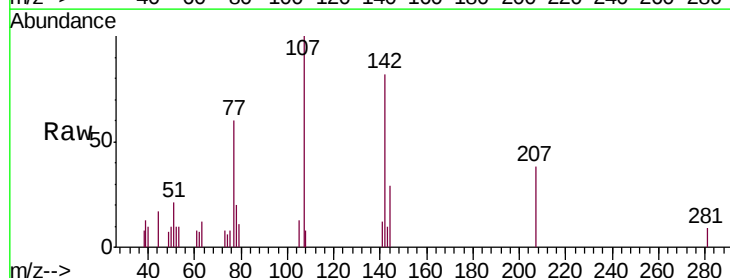
Tgt Ion: 107 Resp: 13326

Ion Ratio Lower Upper

107 100

144 28.7 21.1 31.7

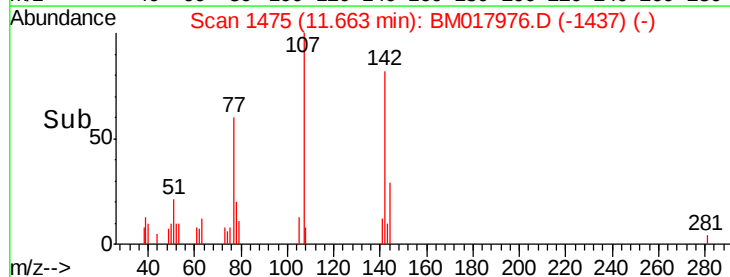
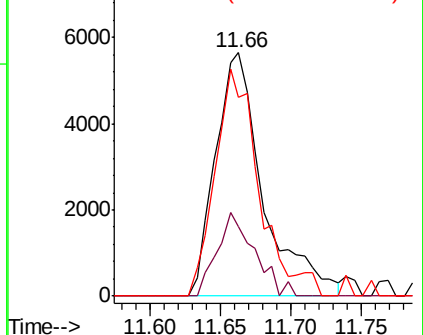
142 81.7 63.0 94.6

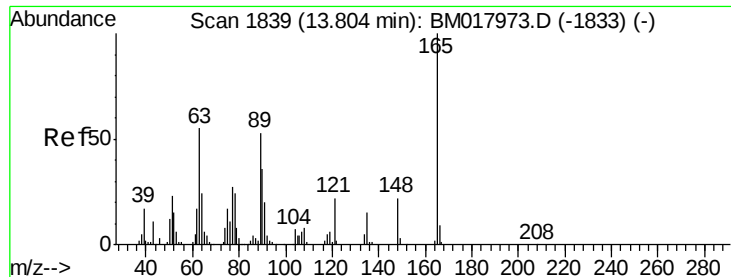


Abundance Ion 107.00 (106.70 to 107.70): BM017976.D (-1437) (-)

Ion 144.00 (143.70 to 144.70): BM017976.D (-1437) (-)

Ion 142.00 (141.70 to 142.70): BM017976.D (-1437) (-)





#45

2,6-Dinitrotoluene

Concen: 1.297 ng/ul

RT: 13.63 min Scan# 1809

Delta R.T. -0.18 min

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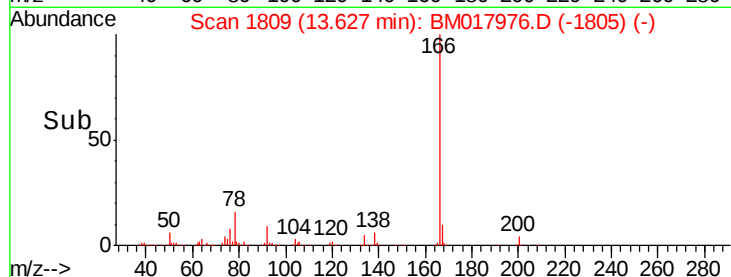
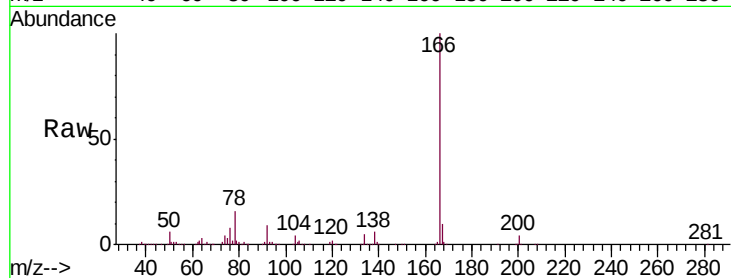
Tgt Ion:165 Resp: 5351

Ion Ratio Lower Upper

165 100

89 0.0 48.0 72.0#

121 33.3 17.0 25.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

