

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
 Data File : BN002681.D
 Acq On : 13 Sep 2018 19:10
 Operator : JU/SJ
 Sample : J4864-01DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 14 01:16:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 14 01:14:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	123741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	574228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	355665	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	820337	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	737509	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	622790	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	409687	156.30	ng/uL	-0.02
5) Phenol-d5	6.86	99	5126	0.45	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	12618	1.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	13322	1.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	9297	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	7765	1.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	8282	1.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	17249	1.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	4182	0.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	59758	2.03	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	67707	1.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	773	0.14	ng/ul	0.07
57) Fluorene-d10	15.29	176	53773	2.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	477	0.09	ng/ul	0.02
70) Anthracene-d10	17.05	188	820337	20.93	ng/ul	-0.09
78) Pyrene-d10	19.45	212	86449	2.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	69120	2.12	ng/ul	0.00

Target Compounds

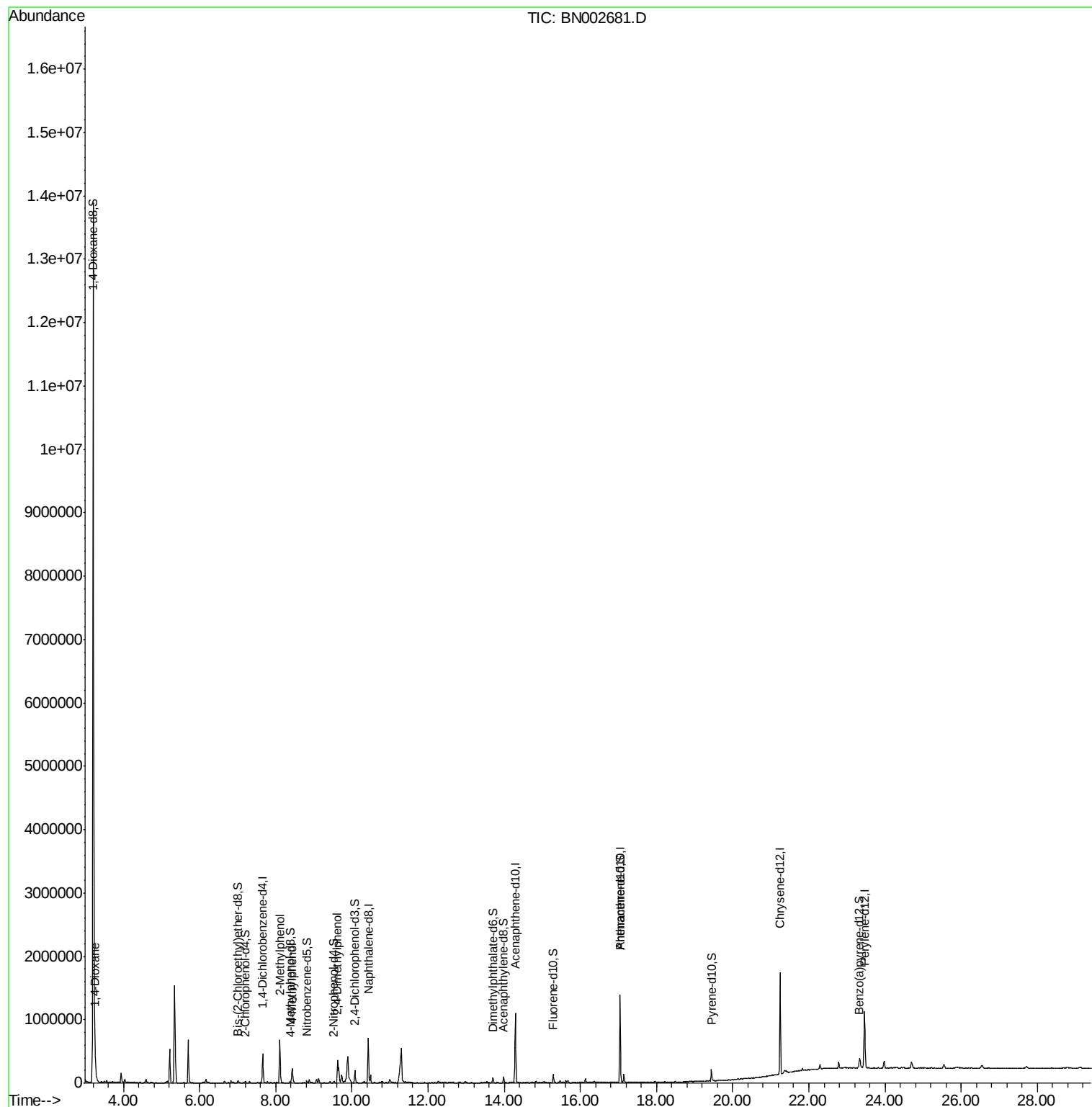
					Ovalue	
2) 1,4-Dioxane	3.26	88	78134	27.858	ng/uL#	89
11) 2-Methylphenol	8.10	108	234069	26.842	ng/ul	98
16) 4-Methylphenol	8.43	108	98414	10.374	ng/ul	94
24) 2,4-Dimethylphenol	9.62	107	145214	14.016	ng/ul	97

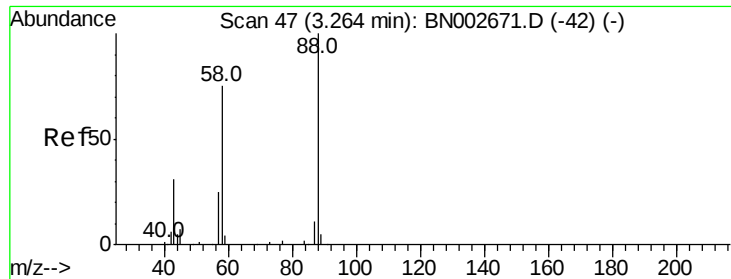
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 27.858 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.00 min

Lab File: BN002681.D

Acq: 13 Sep 2018 19:10

Instrument :

BNA_N

ClientSampleId :

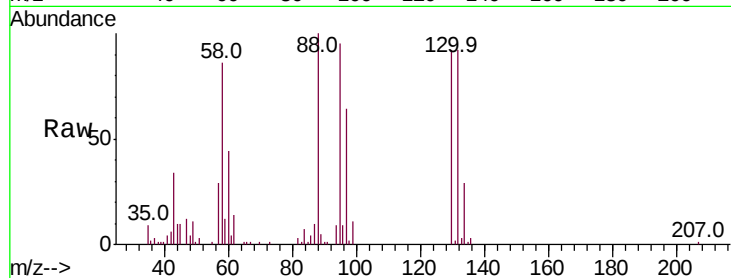
Tot Ion: 88 Resp: 78134

Ion Ratio Lower Upper

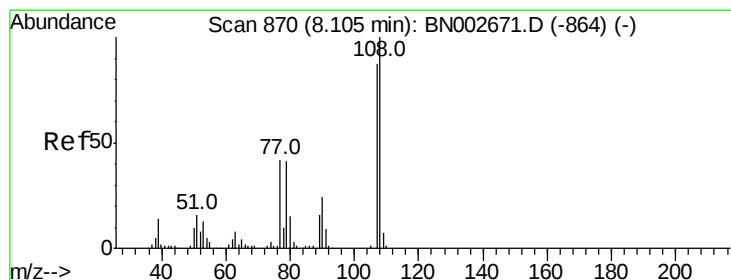
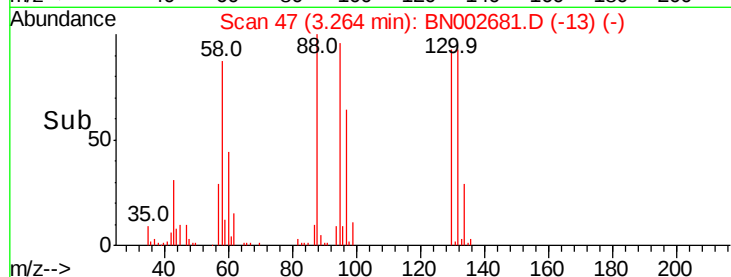
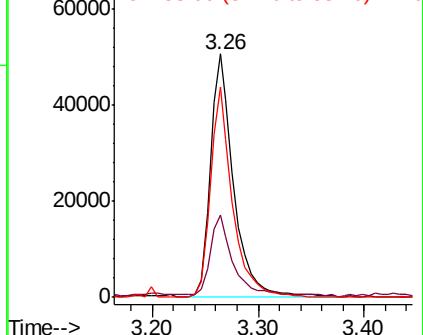
88 100

43 30.2 32.0 48.0#

58 81.5 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#11

2-Methylphenol

Concen: 26.842 ng/uL

RT: 8.10 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN002681.D

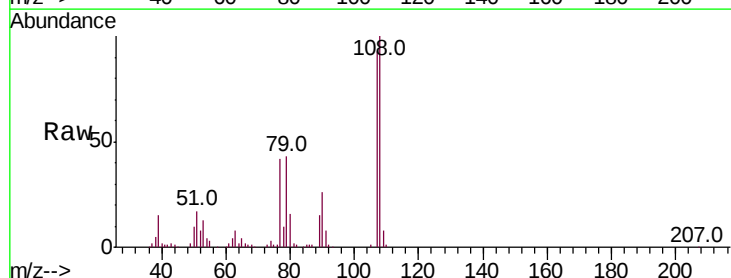
Acq: 13 Sep 2018 19:10

Tgt Ion:108 Resp: 234069

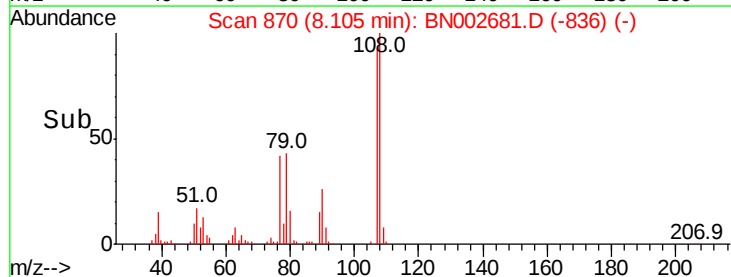
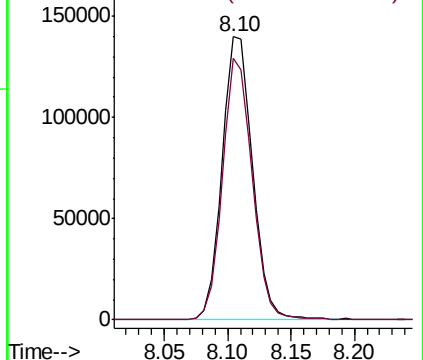
Ion Ratio Lower Upper

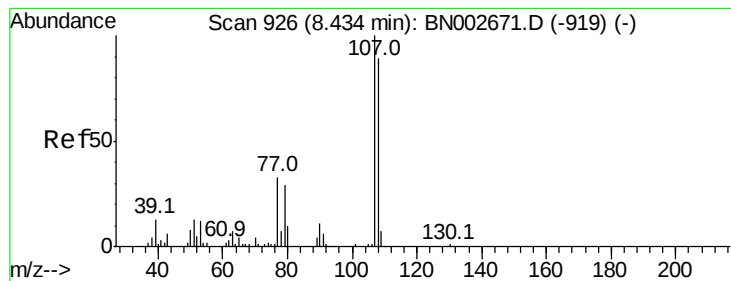
108 100

107 92.5 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#16

4-Methylphenol

Concen: 10.374 ng/ul

RT: 8.43 min Scan# 926

Delta R.T. 0.00 min

Lab File: BN002681.D

Acq: 13 Sep 2018 19:10

Instrument :

BNA_N

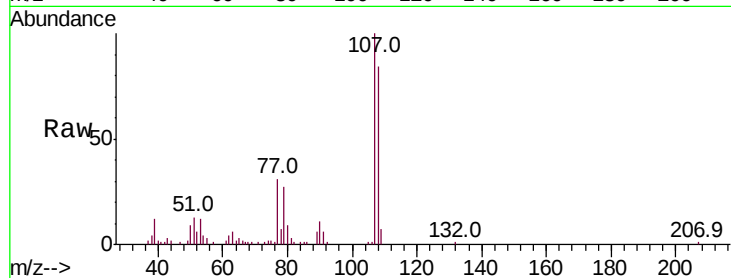
ClientSampleId :

Tot Ion:108 Resp: 98414

Ion Ratio Lower Upper

108 100

107 118.8 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

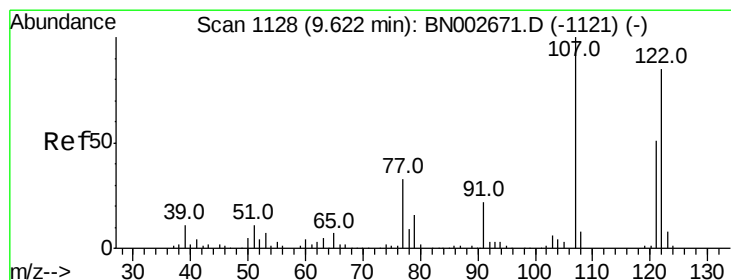
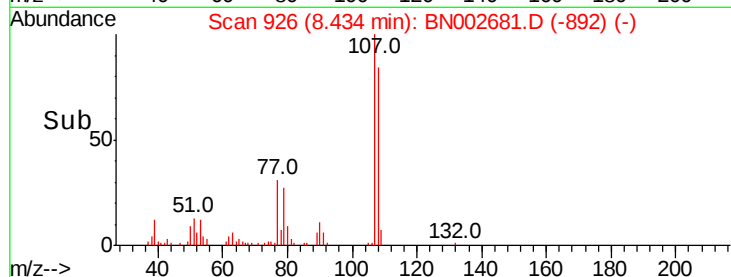
40000

20000

0

8.35 8.40 8.43 8.45 8.50 8.55

Time-->



#24

2,4-Dimethylphenol

Concen: 14.016 ng/ul

RT: 9.62 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BN002681.D

Acq: 13 Sep 2018 19:10

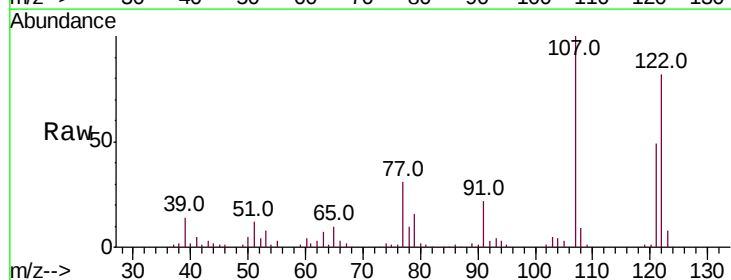
Tgt Ion:107 Resp: 145214

Ion Ratio Lower Upper

107 100

121 49.3 40.6 61.0

122 82.1 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

100000

80000

60000

40000

20000

0

9.60 9.62 9.64 9.66 9.68 9.70

Time-->

