

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002675.D
 Acq On : 13 Sep 2018 14:56
 Operator : JU/SJ
 Sample : J4864-01 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0D07

Manual Integrations
 APPROVED

Sohil
 9/14/2018 5:15:45 PM

Quant Time: Sep 13 17:25:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	164894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	756994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	446312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	908956	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	640894	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	626170	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.85	99	59923	3.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	140780	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	157237	13.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	108667	8.99	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	95323	15.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	109041	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	186868	16.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	24048	1.91	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	607770	16.43	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	745993	16.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	24516	3.51	ng/ul	0.03
57) Fluorene-d10	15.29	176	507876	15.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	22673	3.92	ng/ul	0.00
70) Anthracene-d10	17.14	188	729811	16.81	ng/ul	0.00
78) Pyrene-d10	19.45	212	648067	21.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	548479	16.75	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	755963	202.265	ng/uL#	90
6) Phenol	6.88	94	51332	3.334	ng/ul#	91
11) 2-Methylphenol	8.12	108	2539876	218.571	ng/ul	100
16) 4-Methylphenol	8.44	108	1077750	85.250	ng/ul	100
24) 2,4-Dimethylphenol	9.63	107	2284578m	167.267	ng/ul	
28) Naphthalene	10.48	128	202967	5.211	ng/ul	99
49) Acenaphthene	14.36	153	33745	1.107	ng/ul	99

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

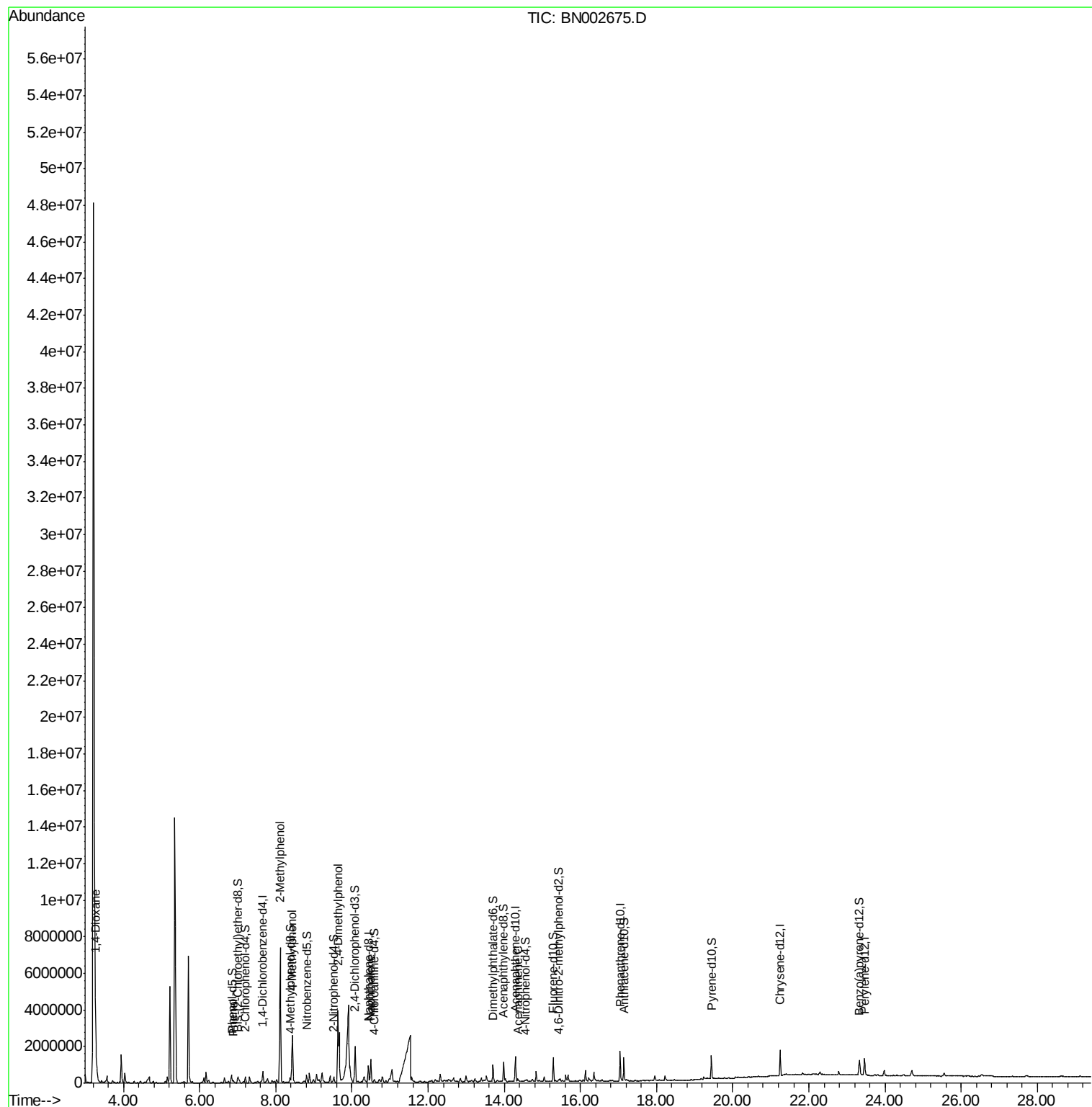
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
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Misc :
ALS Vial : 6 Sample Multiplier: 1

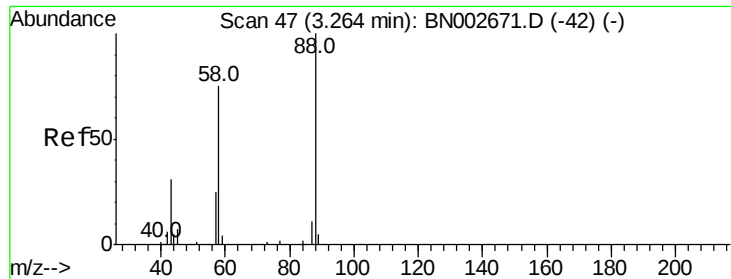
Instrument :
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#2

1,4-Dioxane

Concen: 202.265 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.01 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

Instrument :

BNA_N

ClientSampleId :

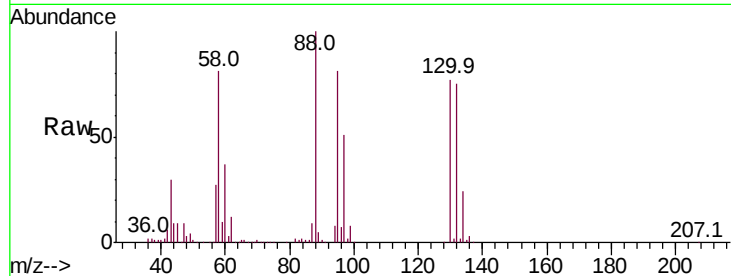
C0D07

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	32.0	48.0#
58	82.9	72.0	108.0

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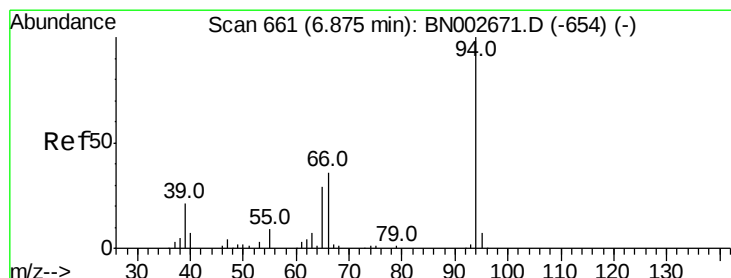
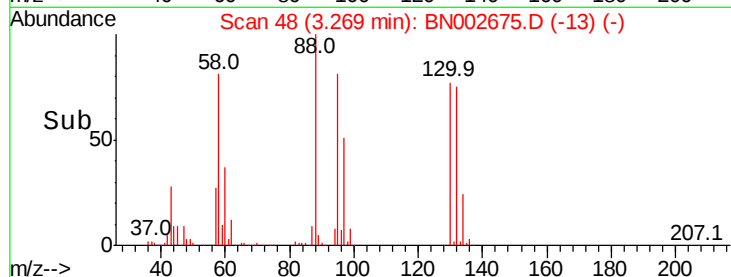
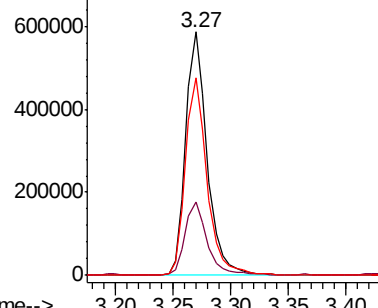


Abundance

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



#6

Phenol

Concen: 3.334 ng/uL

RT: 6.88 min Scan# 662

Delta R.T. 0.01 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

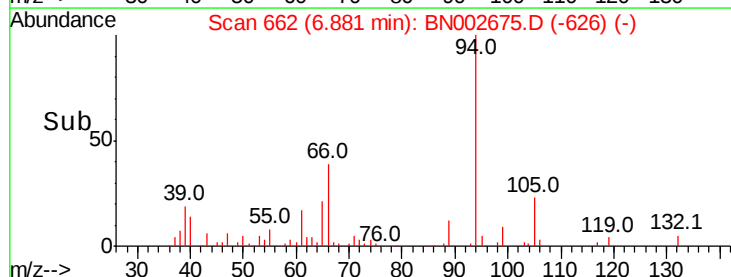
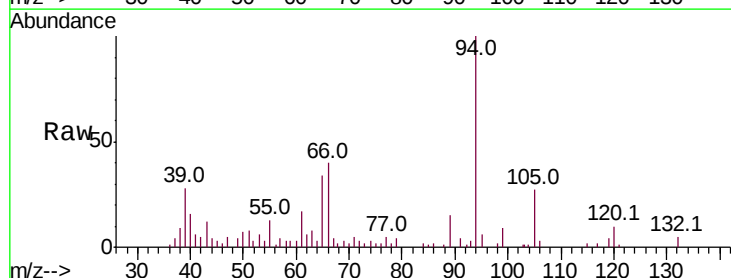
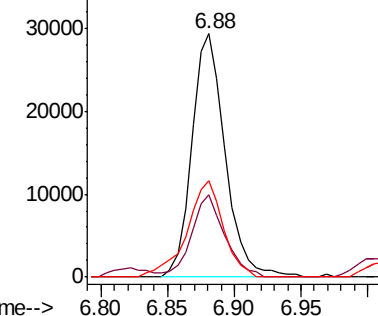
Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.1	21.0	31.6#
66	39.6	29.3	43.9

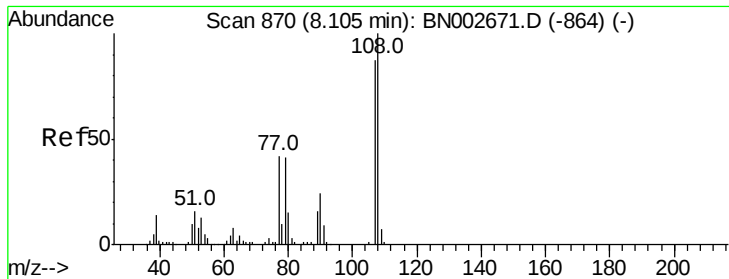
Abundance

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





#11

2-Methylphenol

Concen: 218.571 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. 0.01 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

Instrument :

BNA_N

ClientSampleId :

C0D07

Tot Ion:108 Resp: 2539876

Ion Ratio Lower Upper

108 100

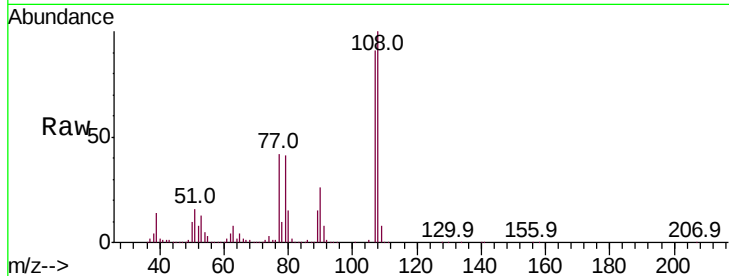
107 90.5 72.4 108.6

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

1500000

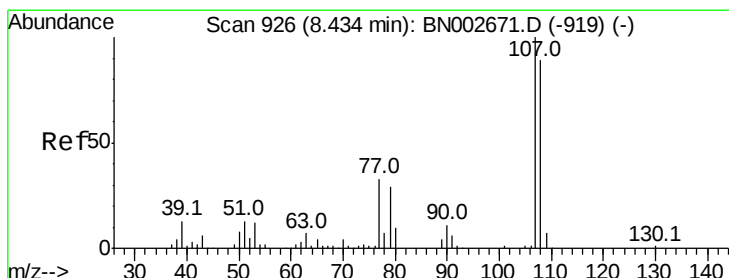
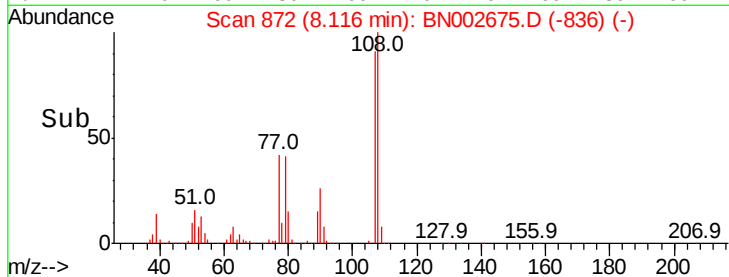
1000000

500000

0

8.00 8.10 8.20 8.30

Time-->



#16

4-Methylphenol

Concen: 85.250 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. 0.01 min

Lab File: BN002675.D

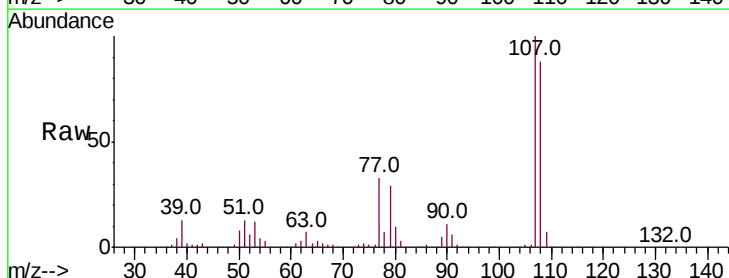
Acq: 13 Sep 2018 14:56

Tgt Ion:108 Resp: 1077750

Ion Ratio Lower Upper

108 100

107 113.4 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

600000

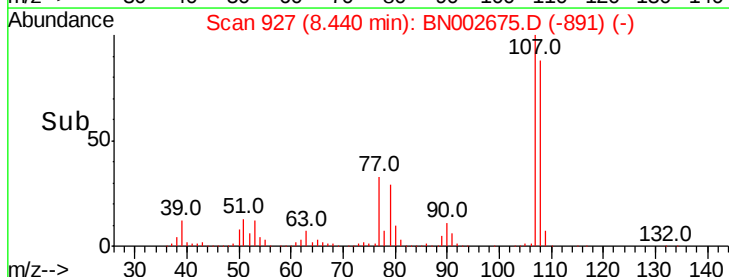
400000

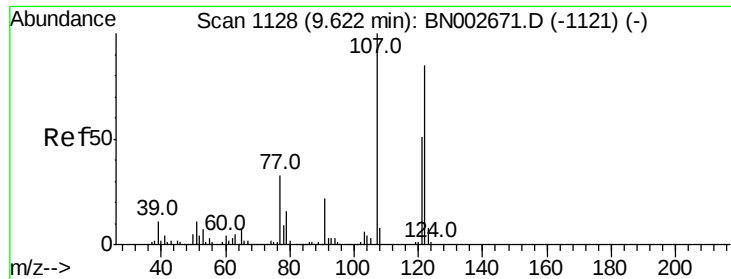
200000

0

8.40 8.50 8.60

Time-->





#24

2,4-Dimethylphenol

Concen: 167.267 ng/ul m

RT: 9.63 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

Instrument :

BNA_N

ClientSampled :

C0D07

Tot Ion:107 Resp: 2284578

Ion Ratio Lower Upper

107 100

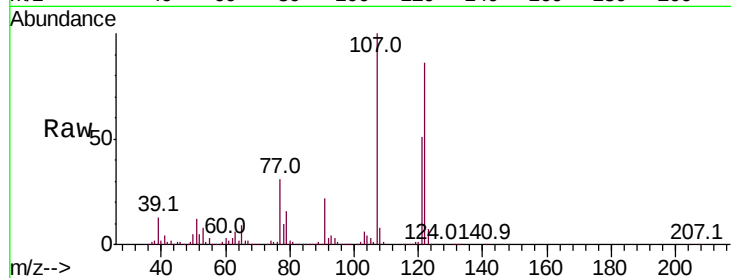
121 50.7 40.6 61.0

122 85.6 67.8 101.6

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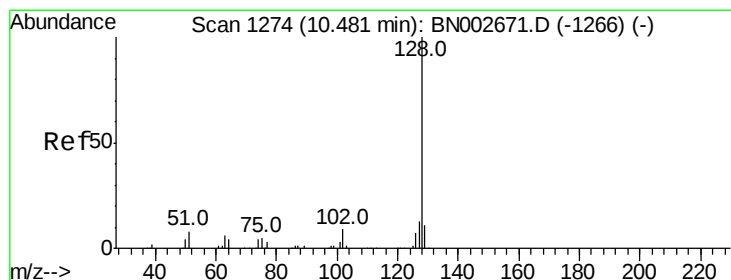
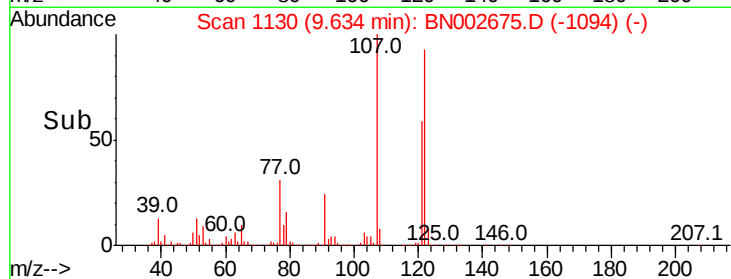
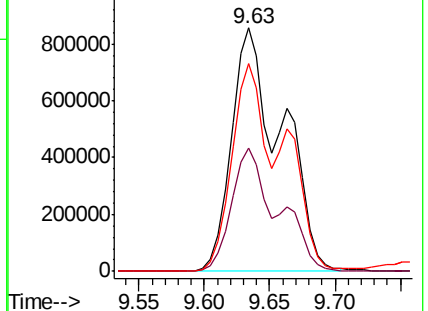
9/14/2018 5:15:45 PM



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



#28

Naphthalene

Concen: 5.211 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

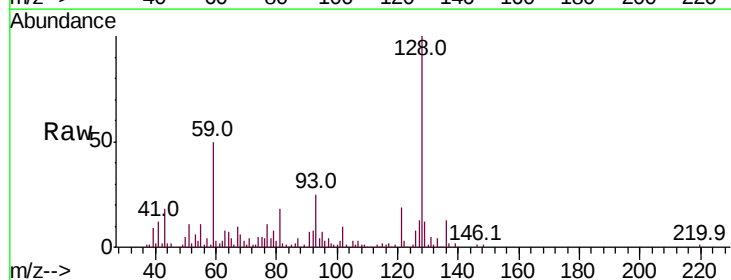
Tgt Ion:128 Resp: 202967

Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

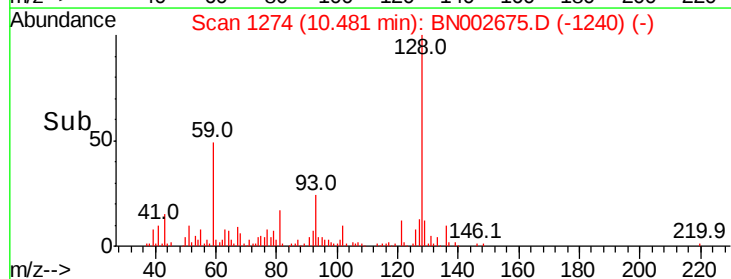
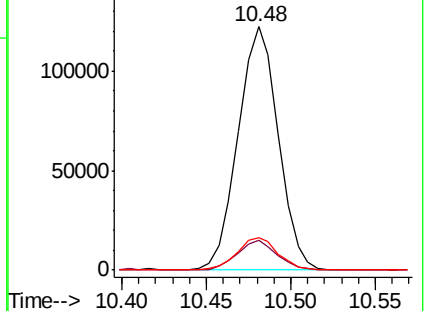
127 13.2 10.5 15.7

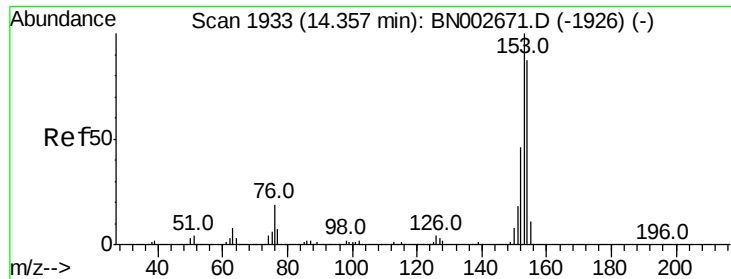


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#49

Acenaphthene

Concen: 1.107 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN002675.D

Acq: 13 Sep 2018 14:56

Instrument :

BNA_N

ClientSampleId :

C0D07

Tot Ion:153 Resp: 33745

Ion Ratio Lower Upper

153 100

152 48.0 38.3 57.5

154 88.1 71.8 107.8

Manual Integrations

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