

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\NOT REVIEWED DATA\
 Data File : BM022382.D
 Acq On : 28 Aug 2019 11:08
 Operator : HP/JU
 Sample : K4414-06DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9DL

Quant Time: Aug 28 19:14:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 28 19:12:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	21877	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.31	136	100928	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	73962	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	171315	20.00	ng/ul	-0.02
77) Chrysene-d12	21.18	240	143262	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	145769	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.76	99	519	0.27	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	3268	2.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	3838	2.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	2653	1.62	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	2161	2.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	2540	2.90	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.97	165	5215	2.92	ng/ul	0.01
29) 4-Chloroaniline-d4	10.40	131	822	0.38	ng/ul	-0.09
43) Dimethylphthalate-d6	13.63	166	22651	3.48	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	23948	3.41	ng/ul	-0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	19955	3.69	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	1132	0.86	ng/ul	0.02
70) Anthracene-d10	17.06	188	34292	3.78	ng/ul	-0.01
78) Pyrene-d10	19.37	212	37687	5.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	29059	3.63	ng/ul	0.00

Target Compounds

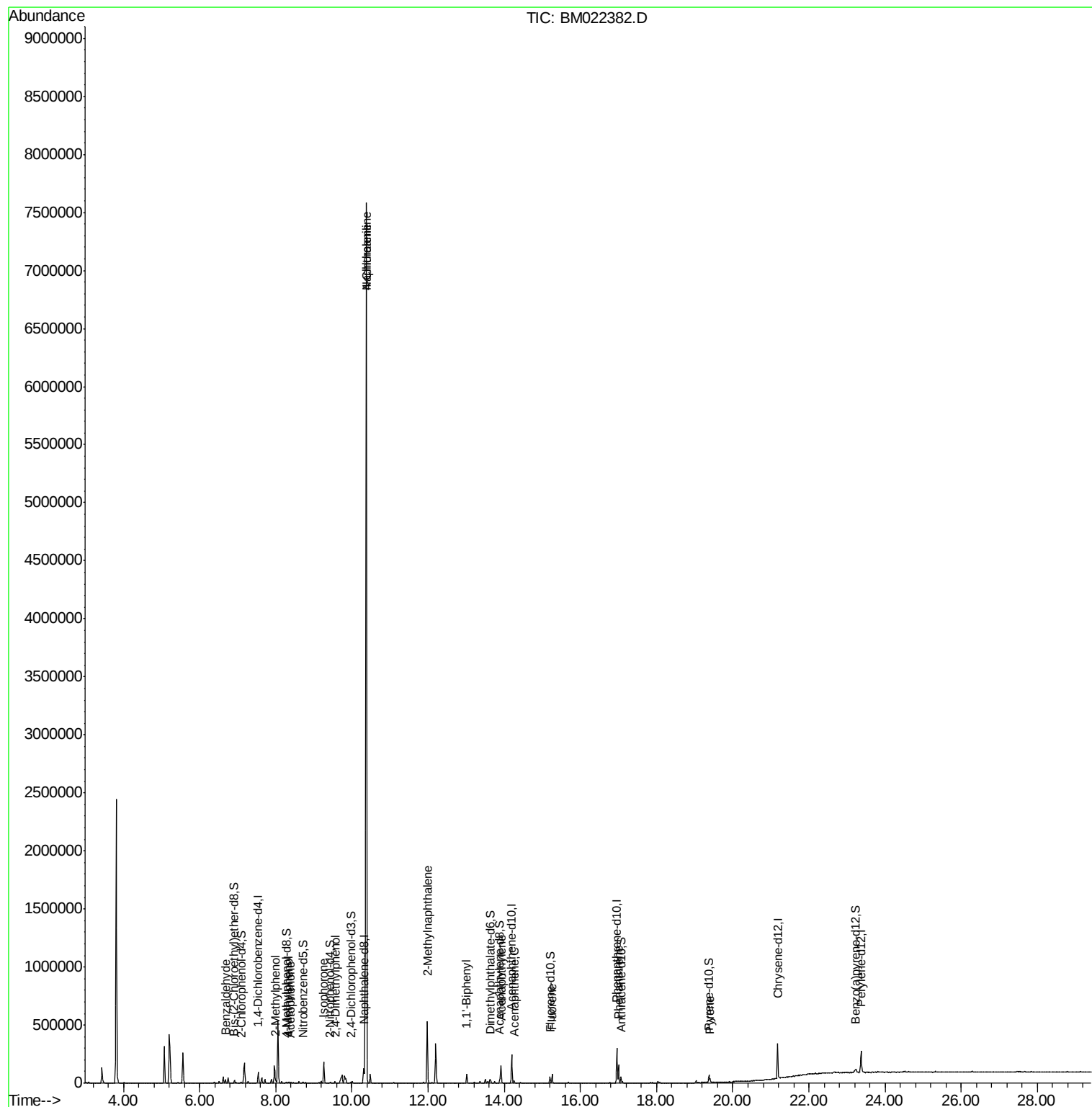
					Ovalue	
4) Benzaldehyde	6.67	77	2713	2.496	ng/ul#	1
11) 2-Methylphenol	8.00	108	5091	3.198	ng/ul	96
14) Acetophenone	8.39	105	4402	1.556	ng/ul	98
16) 4-Methylphenol	8.33	108	5380	3.073	ng/ul	91
21) Isophorone	9.26	82	100612	24.910	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	2584	1.145	ng/ul	97
28) Naphthalene	10.38	128	5197493	933.149	ng/ul	99
30) 4-Chloroaniline	10.38	127	702992	311.447	ng/ul#	9
34) 2-Methylnaphthalene	11.98	142	209532	48.826	ng/ul	96
40) 1,1'-Biphenyl	13.02	154	38581	6.410	ng/ul	98
47) Acenaphthylene	13.92	152	90104	12.386	ng/ul	99
49) Acenaphthene	14.26	153	9291	1.799	ng/ul	93
58) Fluorene	15.26	166	34244	5.285	ng/ul	99
69) Phenanthrene	17.00	178	90345	8.815	ng/ul	99
79) Pyrene	19.40	202	19936	2.150	ng/ul#	97

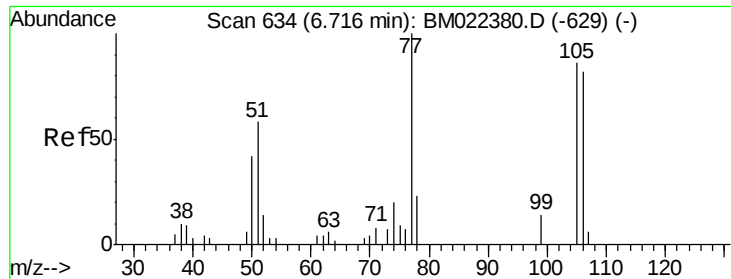
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyd

Concen: 2.496 ng/ul

RT: 6.67 min Scan# 627

Delta R.T. -0.05 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

Instrument :

BNA_M

ClientSampleId :

ETJQ9DL

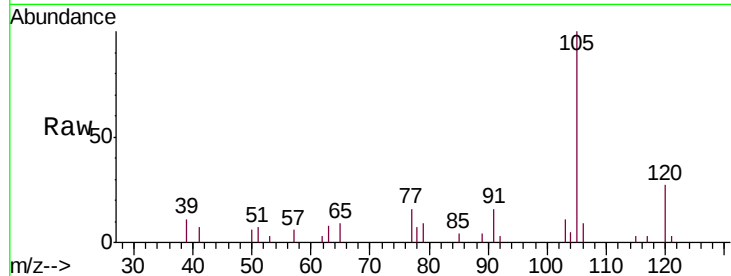
Tot Ion: 77 Resp: 2713

Ion Ratio Lower Upper

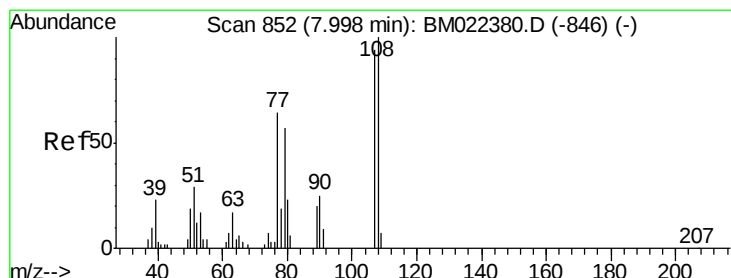
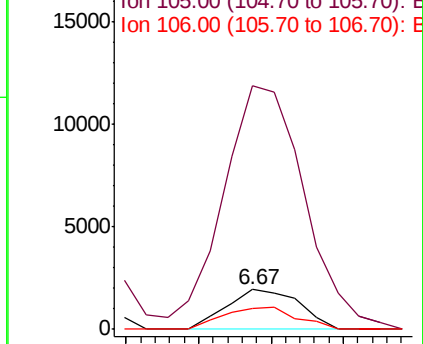
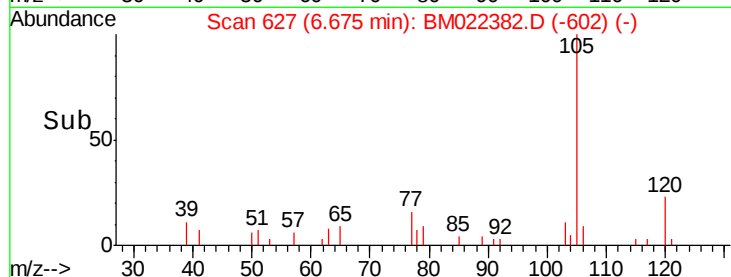
77 100

105 615.5 71.7 107.5#

106 53.7 71.7 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BM022382.D (-602) (-)



#11

2-Methylphenol

Concen: 3.198 ng/ul

RT: 8.00 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM022382.D

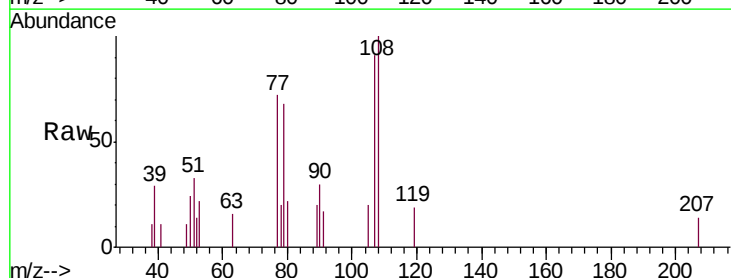
Acq: 28 Aug 2019 11:08

Tgt Ion: 108 Resp: 5091

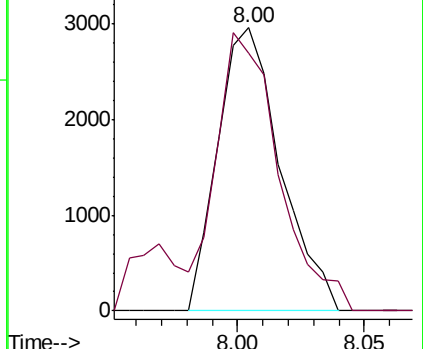
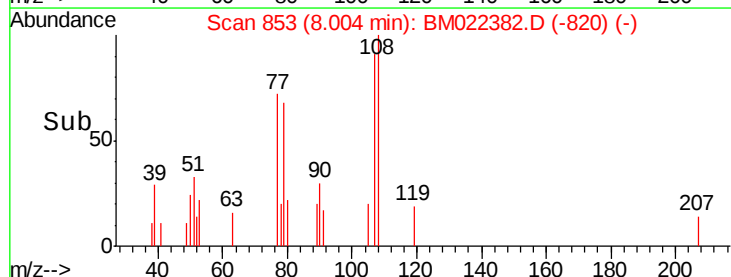
Ion Ratio Lower Upper

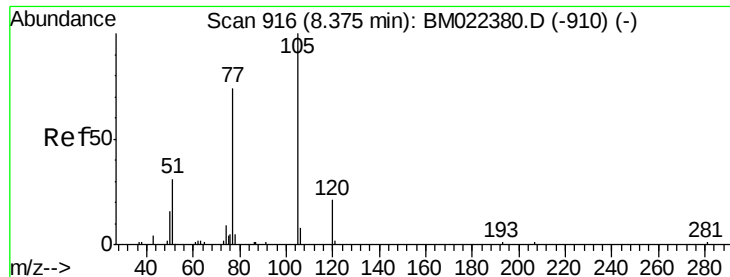
108 100

107 91.3 70.1 105.1



Abundance Ion 108.00 (107.70 to 108.70): BM022382.D (-820) (-)

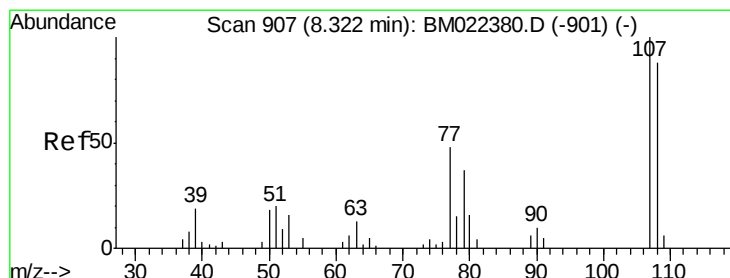
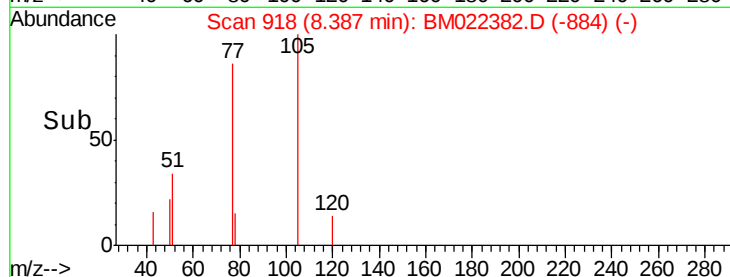
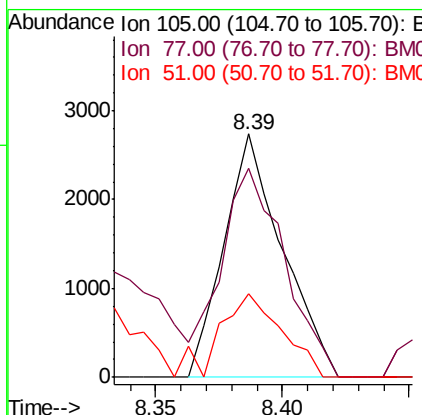
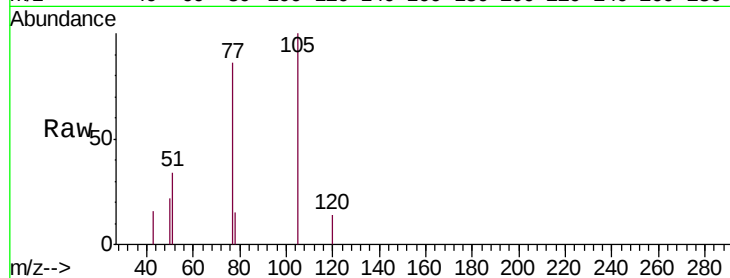




#14
Acetophenone
Concen: 1.556 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM022382.D
Acq: 28 Aug 2019 11:08

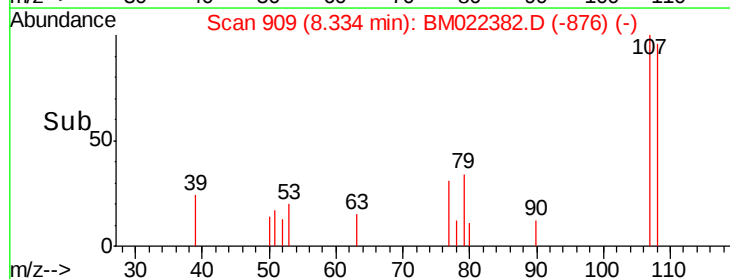
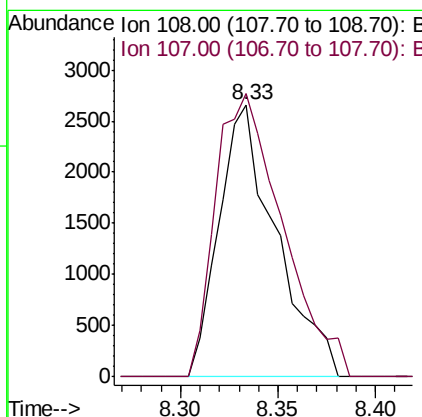
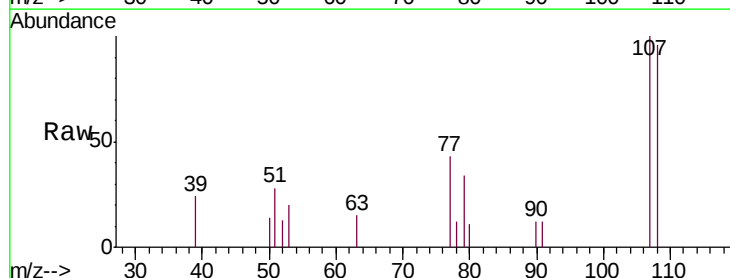
Instrument :
BNA_M
ClientSampleId :
ETJQ9DL

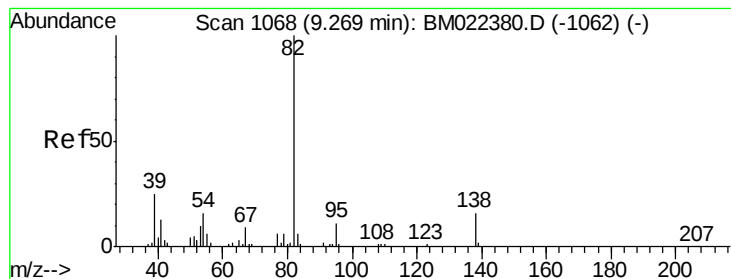
Tot Ion:105 Resp: 4402
Ion Ratio Lower Upper
105 100
77 85.7 68.4 102.6
51 34.5 25.0 37.4



#16
4-Methylphenol
Concen: 3.073 ng/ul
RT: 8.33 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM022382.D
Acq: 28 Aug 2019 11:08

Tgt Ion:108 Resp: 5380
Ion Ratio Lower Upper
108 100
107 104.1 90.8 136.2





#21

Isophorone

Concen: 24.910 ng/ul

RT: 9.26 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

Instrument :

BNA_M

ClientSampleId :

ETJQ9DL

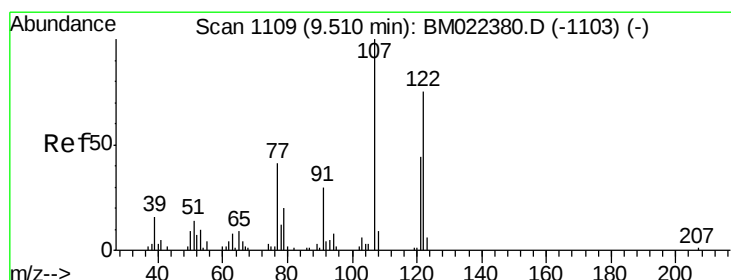
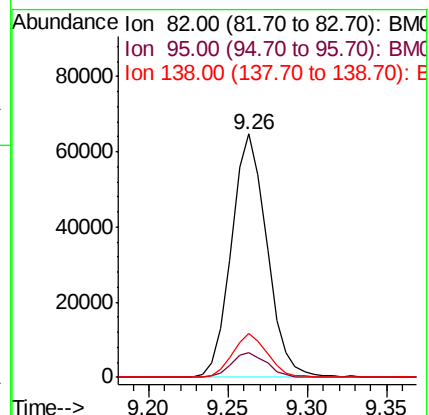
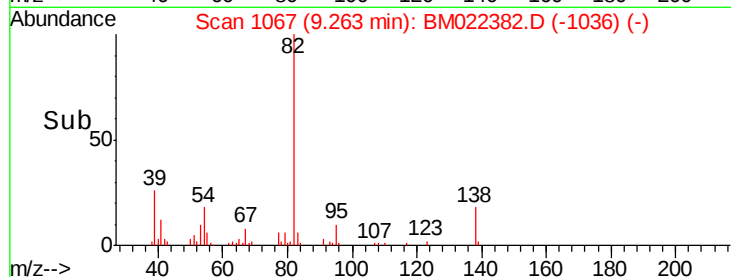
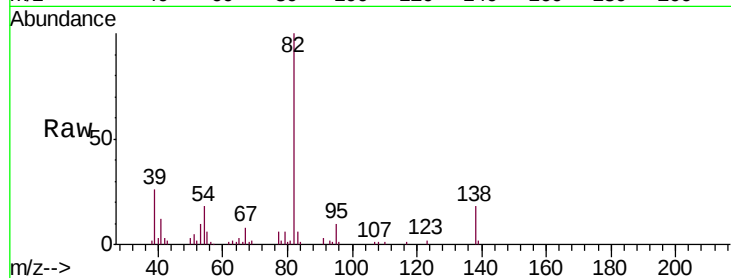
Tot Ion: 82 Resp: 100612

Ion Ratio Lower Upper

82 100

95 9.9 7.2 10.8

138 18.3 13.8 20.6



#24

2,4-Dimethylphenol

Concen: 1.145 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.04 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

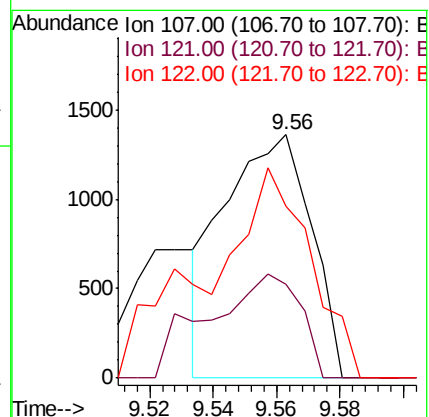
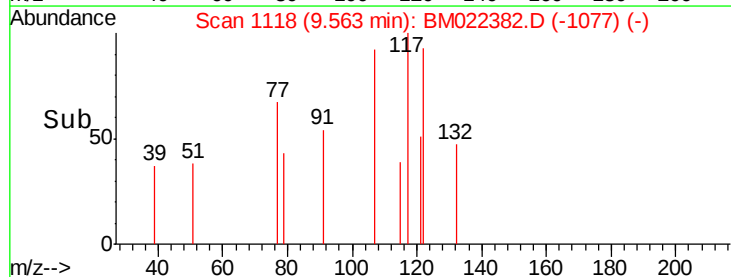
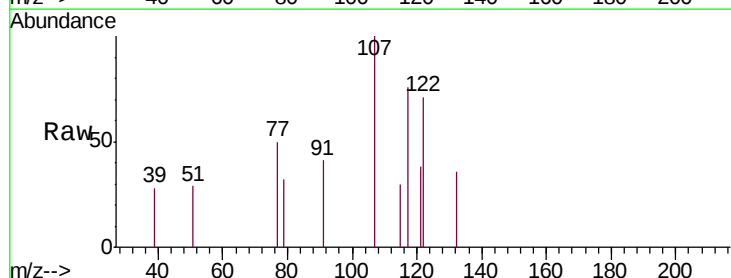
Tgt Ion:107 Resp: 2584

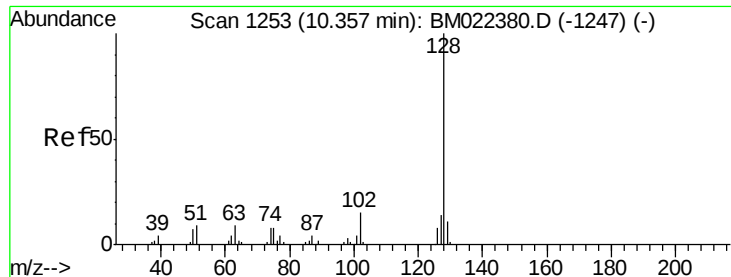
Ion Ratio Lower Upper

107 100

121 38.5 33.6 50.4

122 70.6 58.0 87.0





#28

Naphthalene

Concen: 933.149 ng/ul

RT: 10.38 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

Instrument :

BNA_M

ClientSampleId :

ETJQ9DL

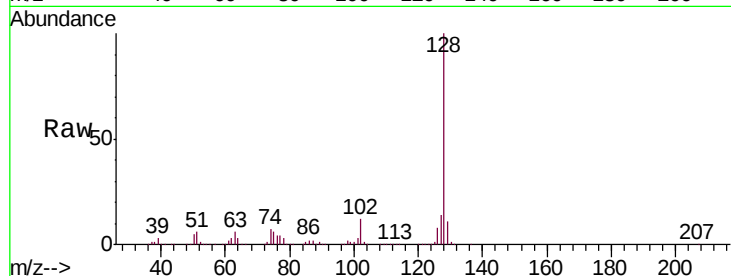
Tot Ion:128 Resp: 5197493

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

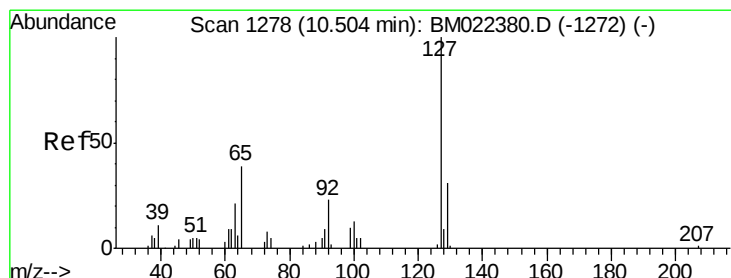
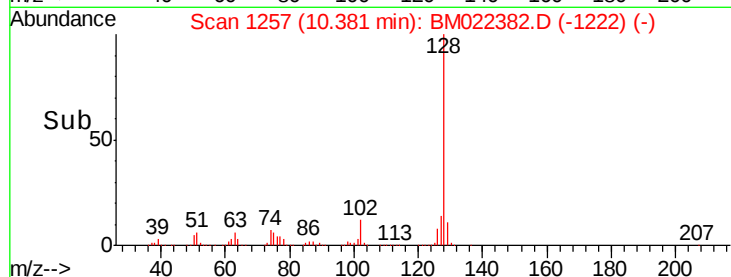
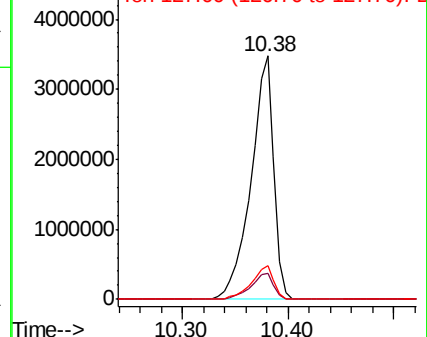
127 13.6 10.4 15.6



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



#30

4-Chloroaniline

Concen: 311.447 ng/ul

RT: 10.38 min Scan# 1257

Delta R.T. -0.14 min

Lab File: BM022382.D

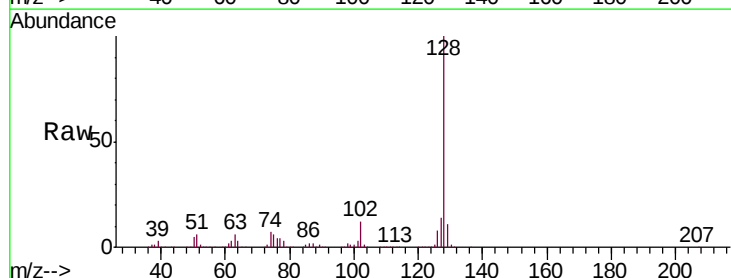
Acq: 28 Aug 2019 11:08

Tgt Ion:127 Resp: 702992

Ion Ratio Lower Upper

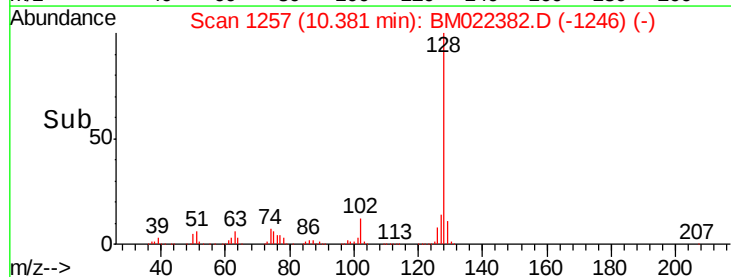
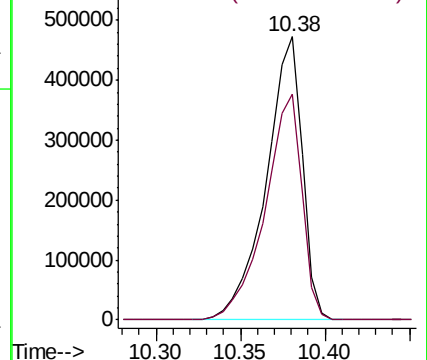
127 100

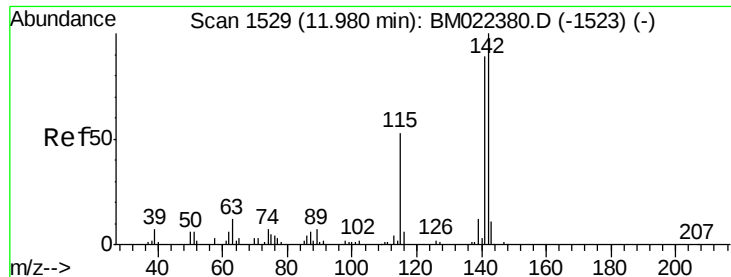
129 79.9 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 48.826 ng/ul

RT: 11.98 min Scan# 1529

Delta R.T. -0.02 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

Instrument :

BNA_M

ClientSampleId :

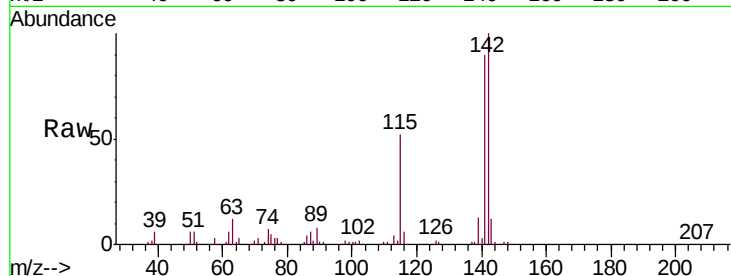
ETJQ9DL

Tot Ion:142 Resp: 209532

Ion Ratio Lower Upper

142 100

141 89.8 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.98

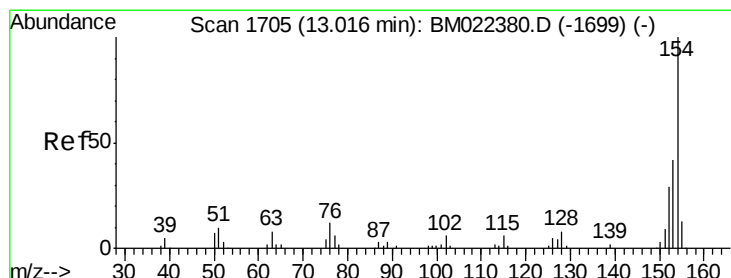
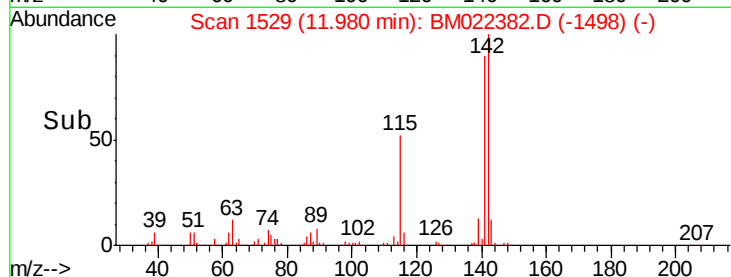
150000

100000

50000

0

Time--> 11.90 11.95 12.00 12.05



#40

1,1'-Biphenyl

Concen: 6.410 ng/ul

RT: 13.02 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

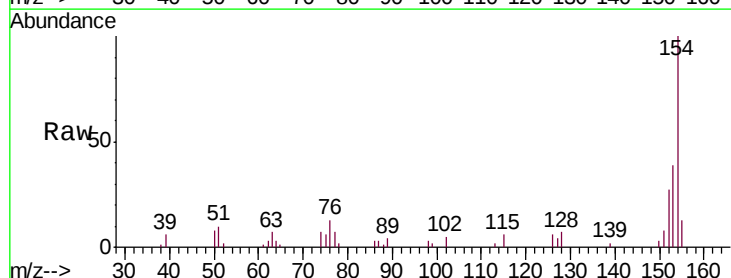
Tgt Ion:154 Resp: 38581

Ion Ratio Lower Upper

154 100

153 39.2 32.5 48.7

76 12.6 9.2 13.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

13.02

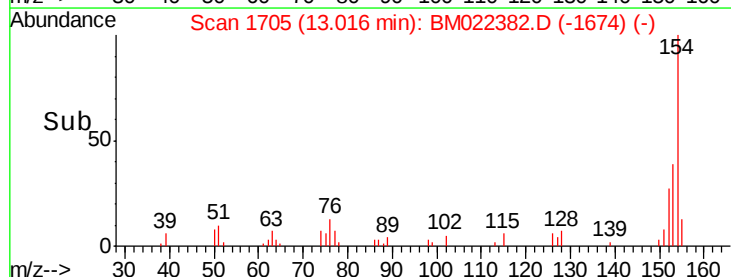
30000

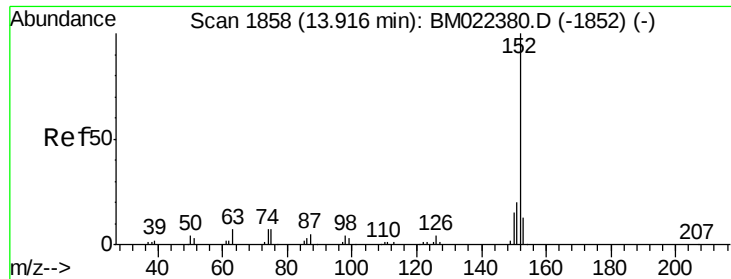
20000

10000

0

Time--> 12.95 13.00 13.05





#47

Acenaphthylene

Concen: 12.386 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

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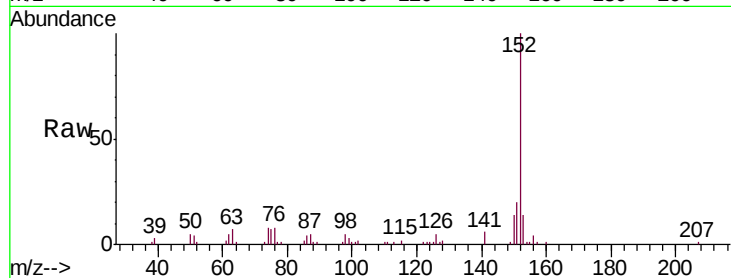
Tot Ion:152 Resp: 90104

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

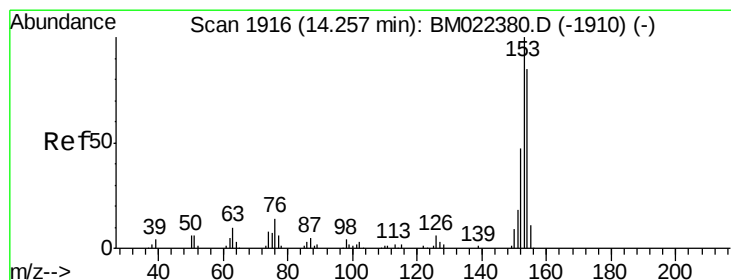
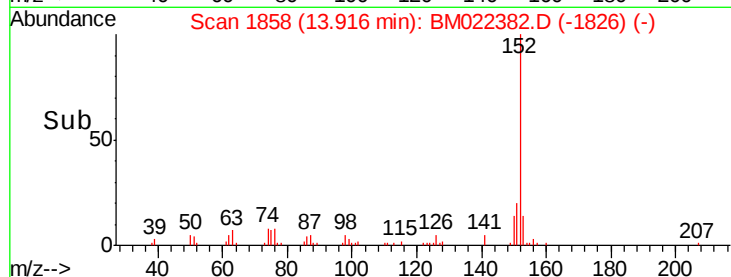
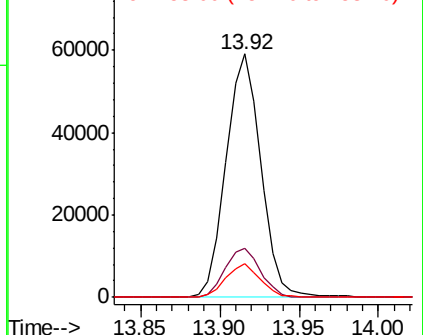
153 13.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 1.799 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

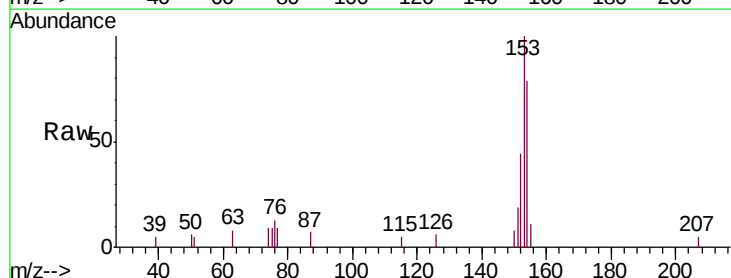
Tgt Ion:153 Resp: 9291

Ion Ratio Lower Upper

153 100

152 44.0 38.6 58.0

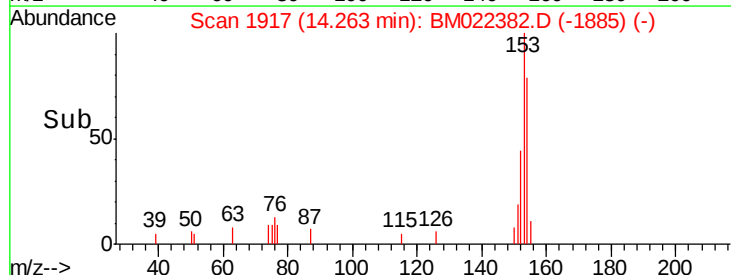
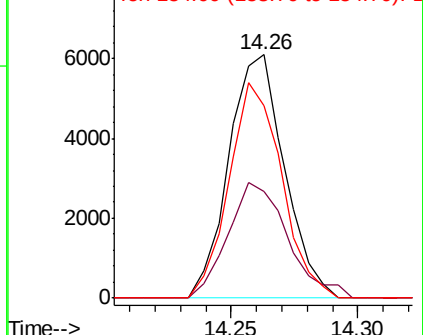
154 78.9 68.9 103.3

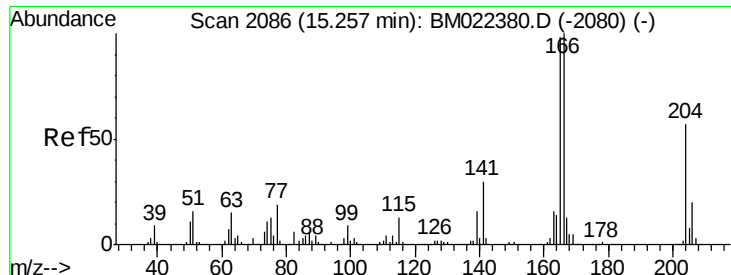


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#58

Fluorene

Concen: 5.285 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

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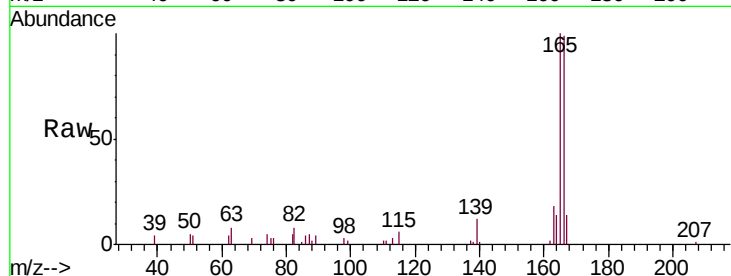
Tot Ion:166 Resp: 34244

Ion Ratio Lower Upper

166 100

165 100.9 80.2 120.2

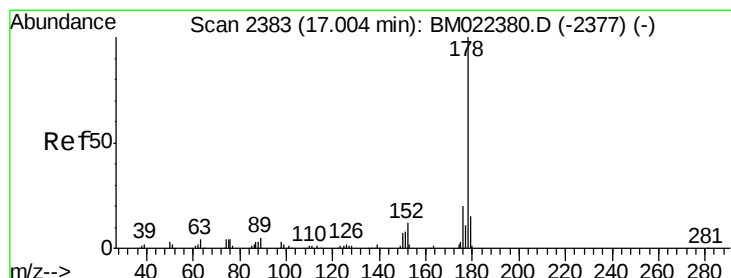
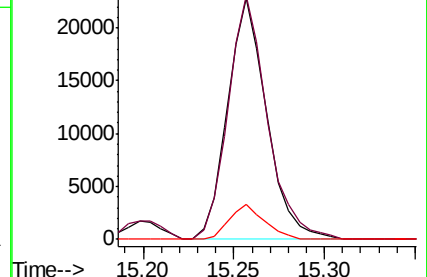
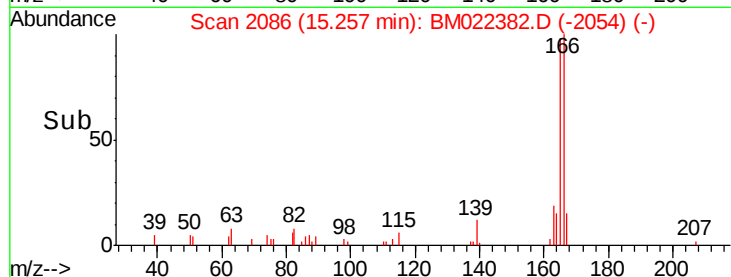
167 14.3 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 8.815 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022382.D

Acq: 28 Aug 2019 11:08

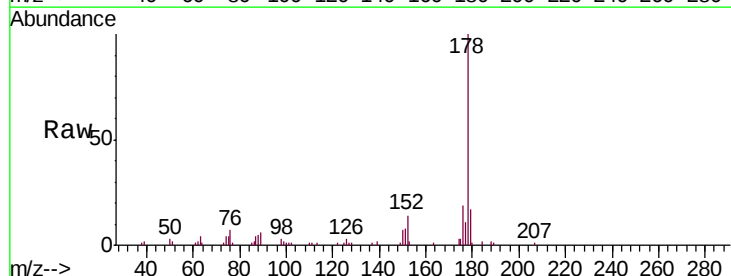
Tgt Ion:178 Resp: 90345

Ion Ratio Lower Upper

178 100

179 16.7 12.4 18.6

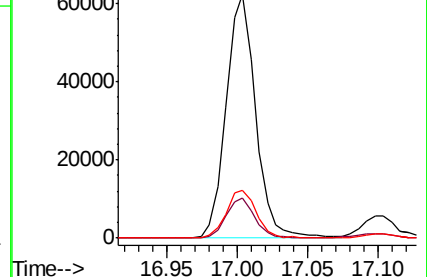
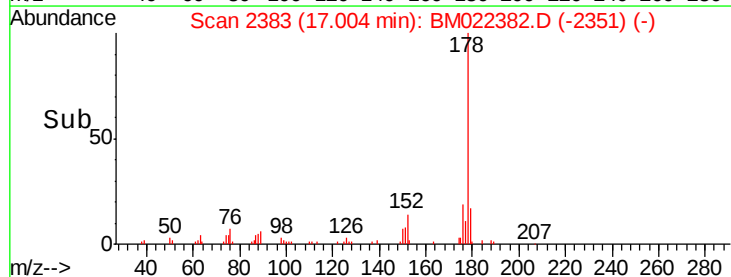
176 19.4 15.4 23.0

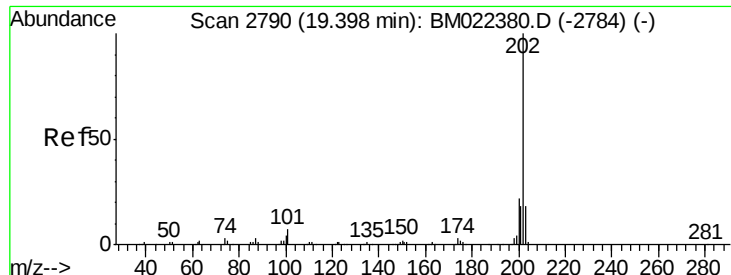


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#79
 Pvrene
 Concen: 2.150 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.01 min
 Lab File: BM022382.D
 Acq: 28 Aug 2019 11:08

Instrument :
 BNA_M
 ClientSampleId :
 ETJQ9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.8	7.0	10.4#
100	7.5	5.8	8.8

