

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022859.D
 Acq On : 01 Oct 2019 18:02
 Operator : JU
 Sample : K4983-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 01:09:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	195658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	933396	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	613935	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1280949	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1175750	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1067650	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21359	4.72	ng/uL	0.00
5) Phenol-d5	6.97	99	118957	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	257966	27.27	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	306183	21.99	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	222294	15.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	189029	26.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	204864	26.04	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	388026	24.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	479242	25.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1395712	29.29	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1519077	27.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	64144	6.81	ng/ul	-0.01
58) Fluorene-d10	15.43	176	1182776	29.13	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.55	200	212743	25.52	ng/ul	-0.01
71) Anthracene-d10	17.27	188	1971995	31.53	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2243531	35.45	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.48	264	1842798	33.36	ng/ul	-0.02

Target Compounds

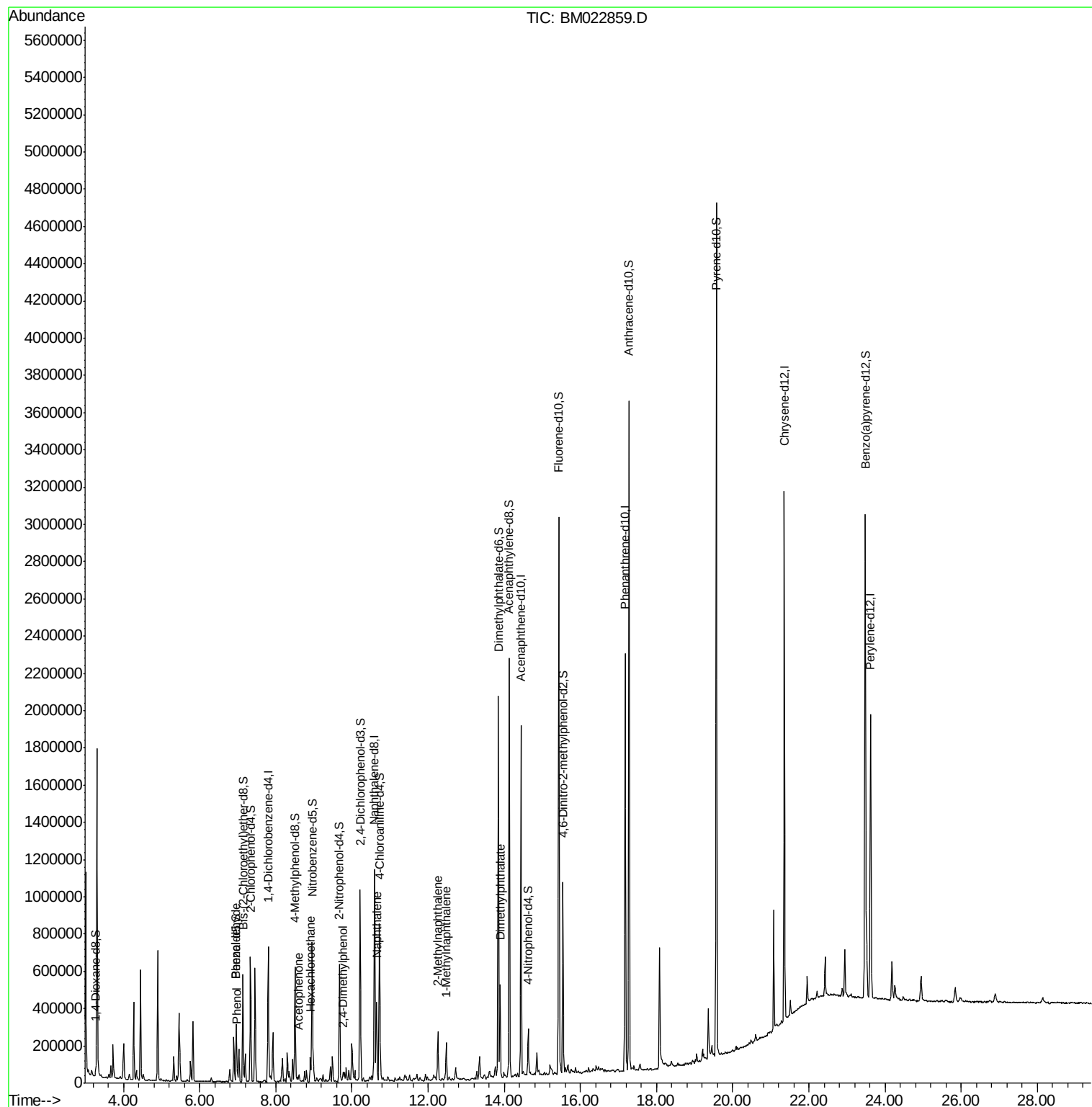
				Ovalue	
4) Benzaldehyde	6.96	77	13778	1.759	ng/ul# 1
6) Phenol	6.99	94	23019	1.270	ng/ul 95
14) Acetophenone	8.61	105	30193	1.395	ng/ul# 42
17) Hexachloroethane	8.91	117	16091	2.835	ng/ul# 6
24) 2,4-Dimethylphenol	9.77	107	17738	1.013	ng/ul 97
28) Naphthalene	10.65	128	315374	6.256	ng/ul 99
34) 2-Methylnaphthalene	12.26	142	124654	3.298	ng/ul 98
35) 1-Methylnaphthalene	12.47	142	91622	2.538	ng/ul 99
45) Dimethylphthalate	13.89	163	303071	6.192	ng/ul 99

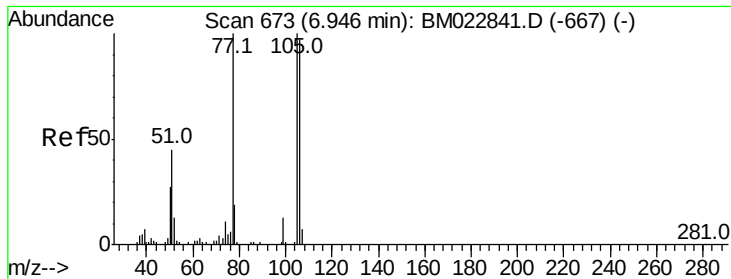
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.759 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

Instrument :

BNA_M

ClientSampleId :

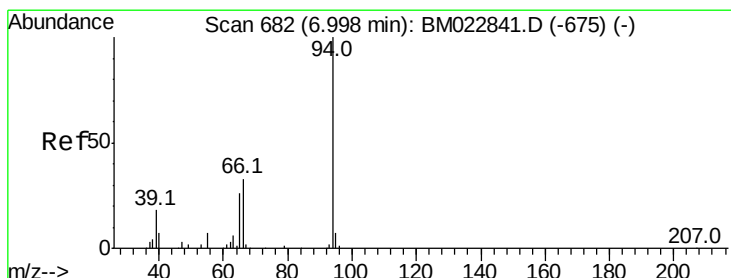
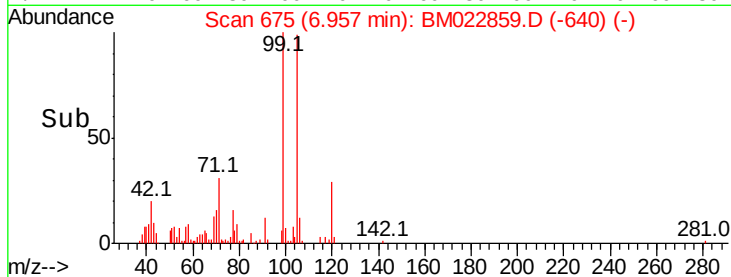
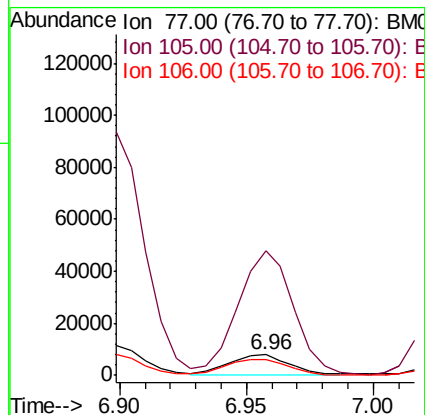
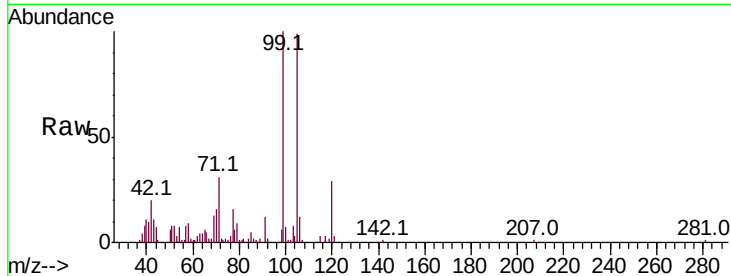
Tot Ion: 77 Resp: 13778

Ion Ratio Lower Upper

77 100

105 605.1 80.6 120.8#

106 73.9 77.0 115.6#



#6

Phenol

Concen: 1.270 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

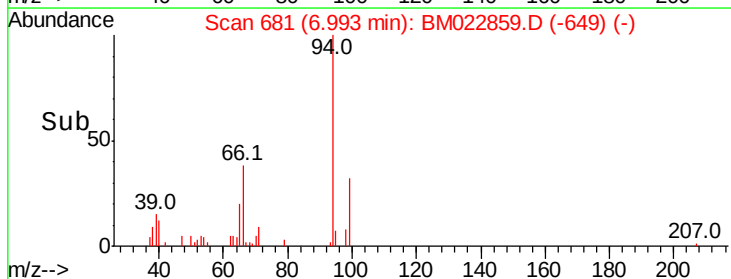
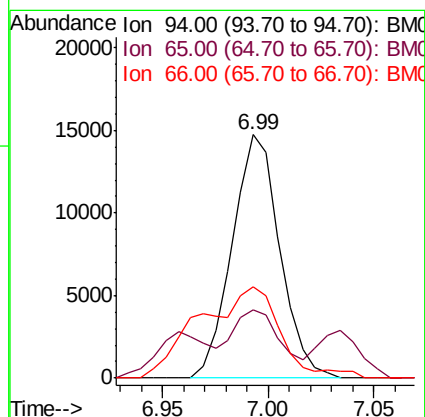
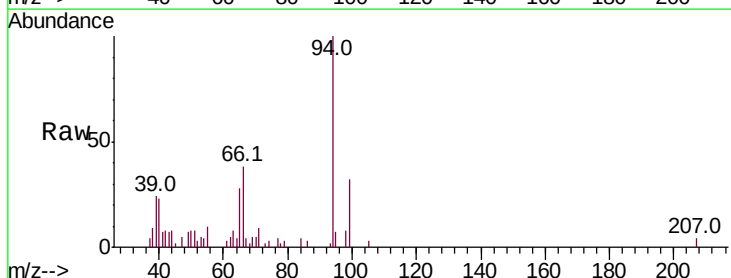
Tgt Ion: 94 Resp: 23019

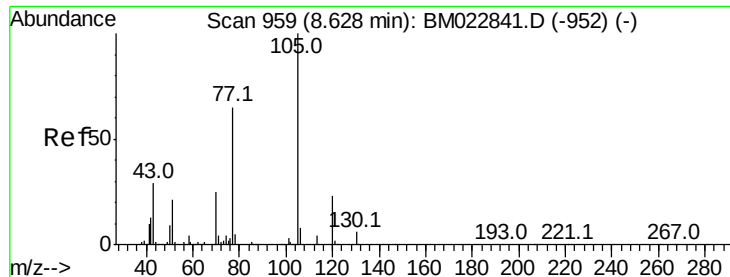
Ion Ratio Lower Upper

94 100

65 27.8 20.9 31.3

66 37.6 27.2 40.8





#14

Acetophenone

Concen: 1.395 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

Instrument :

BNA_M

ClientSampleId :

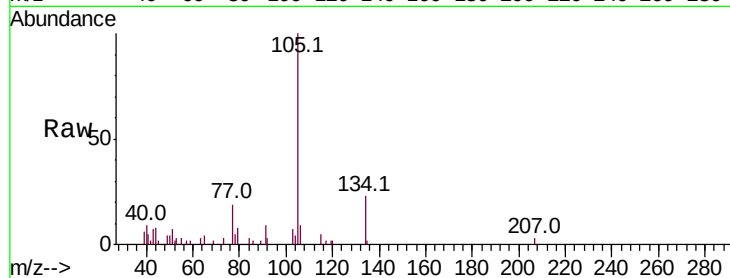
Tot Ion:105 Resp: 30193

Ion Ratio Lower Upper

105 100

77 18.9 59.4 89.0#

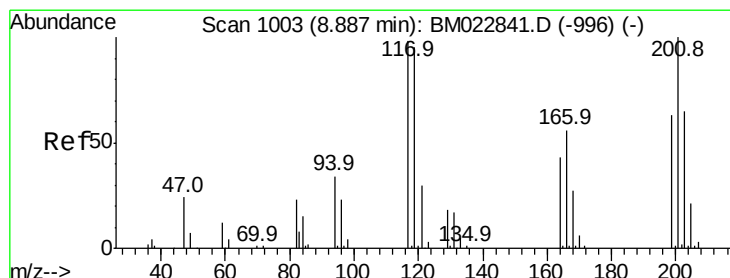
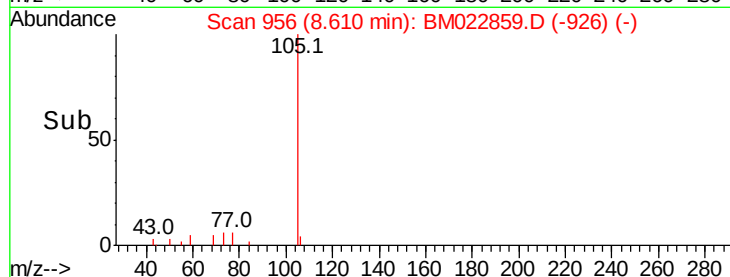
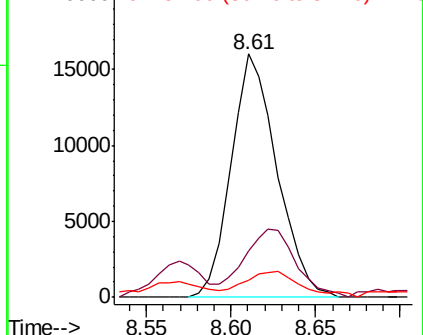
51 7.0 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#17

Hexachloroethane

Concen: 2.835 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

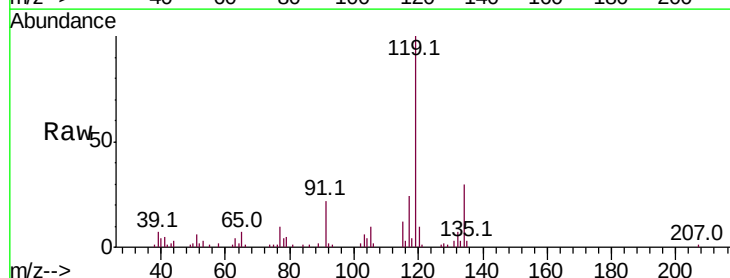
Tgt Ion:117 Resp: 16091

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

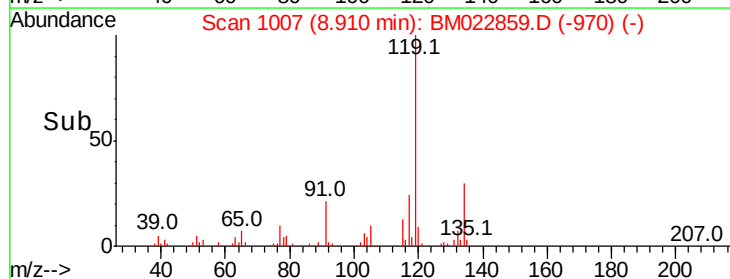
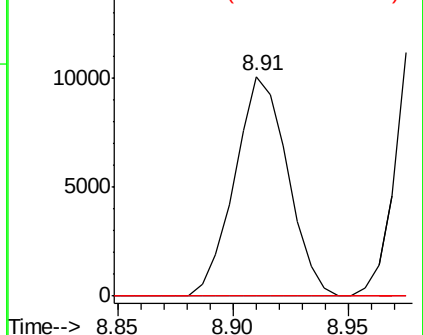
199 0.0 51.6 77.4#

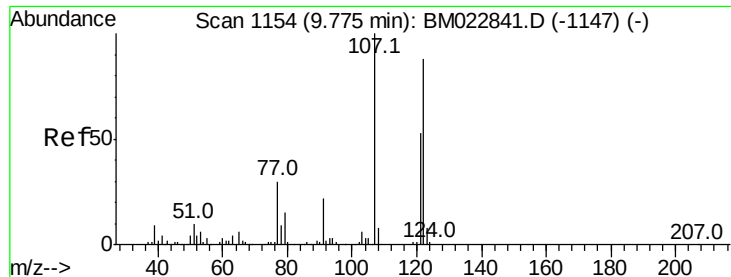


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 1.013 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

Instrument :

BNA_M

ClientSampled :

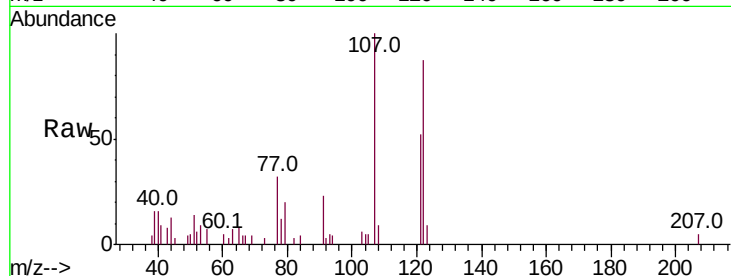
Tot Ion:107 Resp: 17738

Ion Ratio Lower Upper

107 100

121 51.8 43.0 64.4

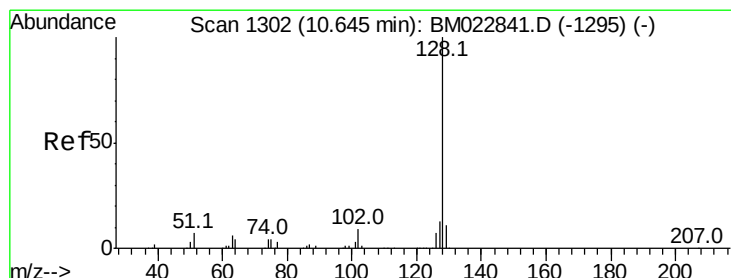
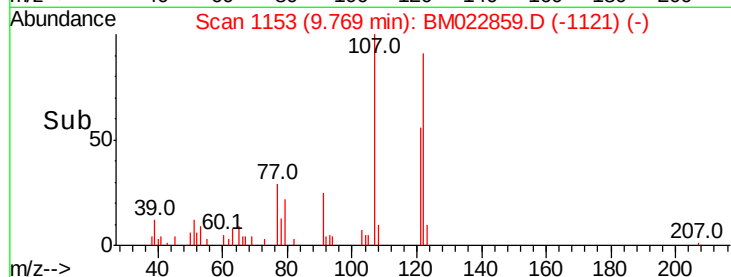
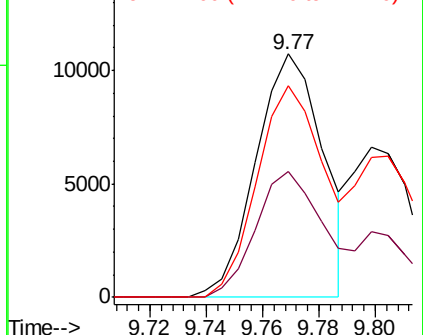
122 86.8 71.4 107.0



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: 6.256 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

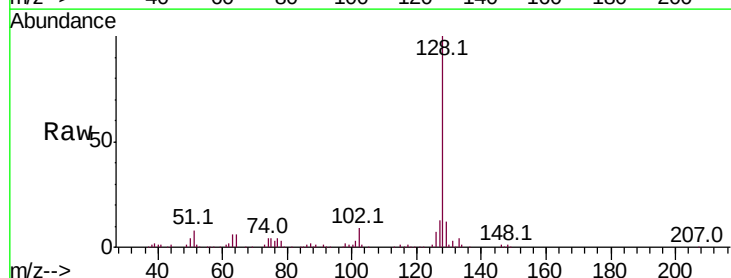
Tgt Ion:128 Resp: 315374

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

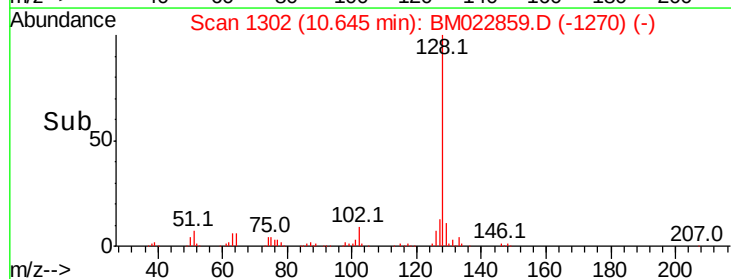
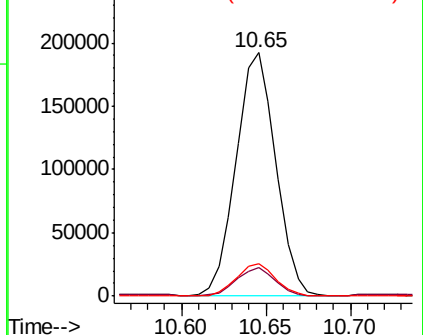
127 13.2 10.2 15.4

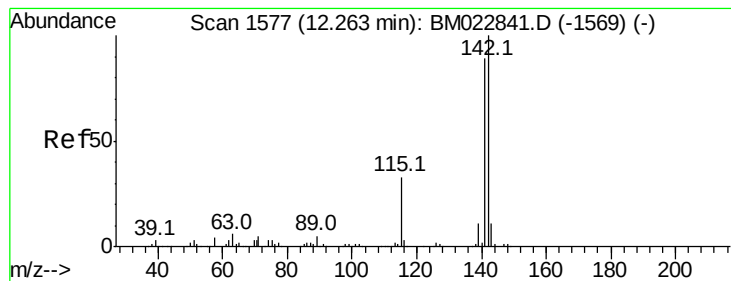


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 3.298 ng/ul

RT: 12.26 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

Instrument :

BNA_M

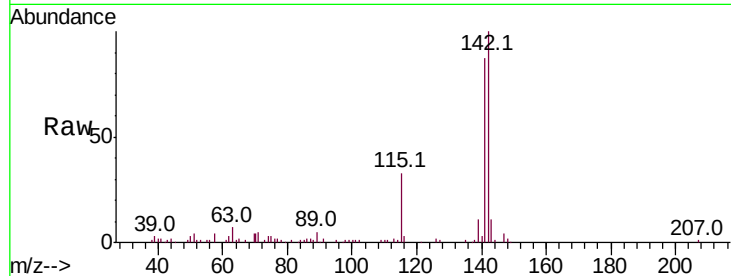
ClientSampleId :

Tot Ion:142 Resp: 124654

Ion Ratio Lower Upper

142 100

141 87.4 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.26

80000

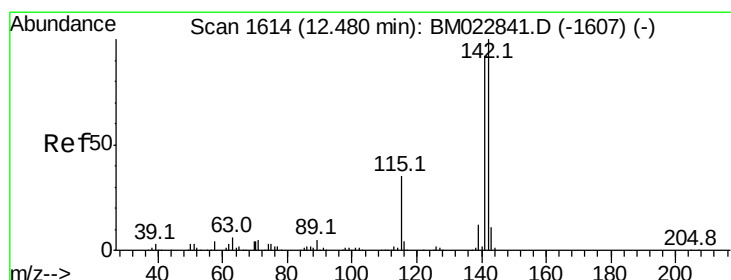
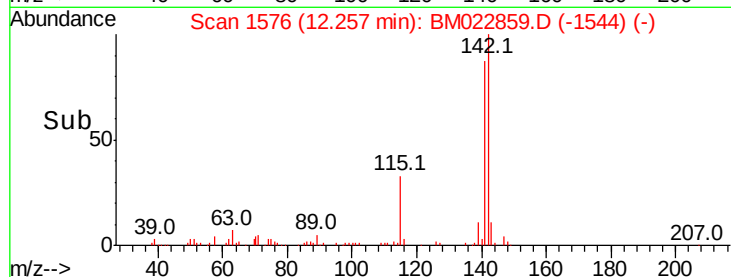
60000

40000

20000

0

Time-->



#35

1-Methylnaphthalene

Concen: 2.538 ng/ul

RT: 12.47 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

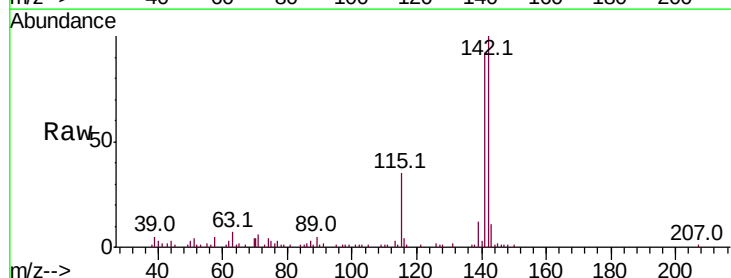
Tgt Ion:142 Resp: 91622

Ion Ratio Lower Upper

142 100

141 92.4 73.0 109.6

116 3.8 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.47

80000

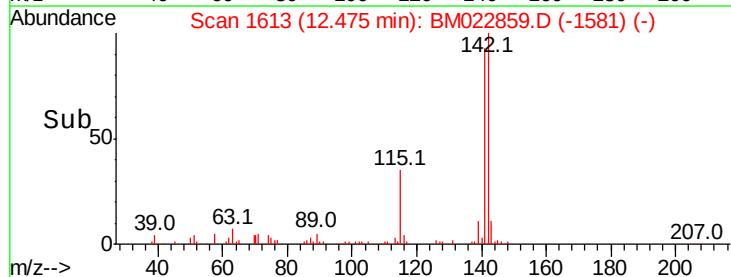
60000

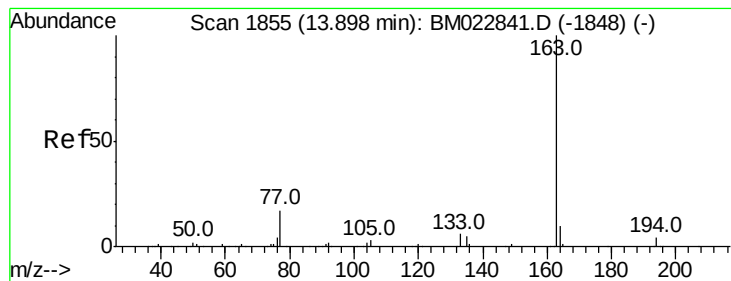
40000

20000

0

Time-->





#45

Dimethylphthalate

Concen: 6.192 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022859.D

Acq: 01 Oct 2019 18:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:163 Resp: 303071

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 10.3 8.1 12.1

