

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100119\
 Data File : BM022871.D
 Acq On : 02 Oct 2019 01:56
 Operator : JU
 Sample : K4983-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 02 02:35:56 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	285311	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1280644	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.44	164	759326	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1311601	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	988821	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1104641	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34415	5.22	ng/uL	0.00
5) Phenol-d5	6.97	99	123562	4.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	219937	15.94	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	271967	13.40	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	205012	9.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	155714	15.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	167891	15.56	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	317611	14.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.72	131	333222	12.76	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1054896	17.90	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1142958	16.80	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	55178	4.74	ng/ul	-0.01
58) Fluorene-d10	15.43	176	852294	16.97	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	141269	16.55	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1281289	20.00	ng/ul	-0.01
79) Pyrene-d10	19.57	212	1214078	22.81	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1175408	20.57	ng/ul	-0.02

Target Compounds

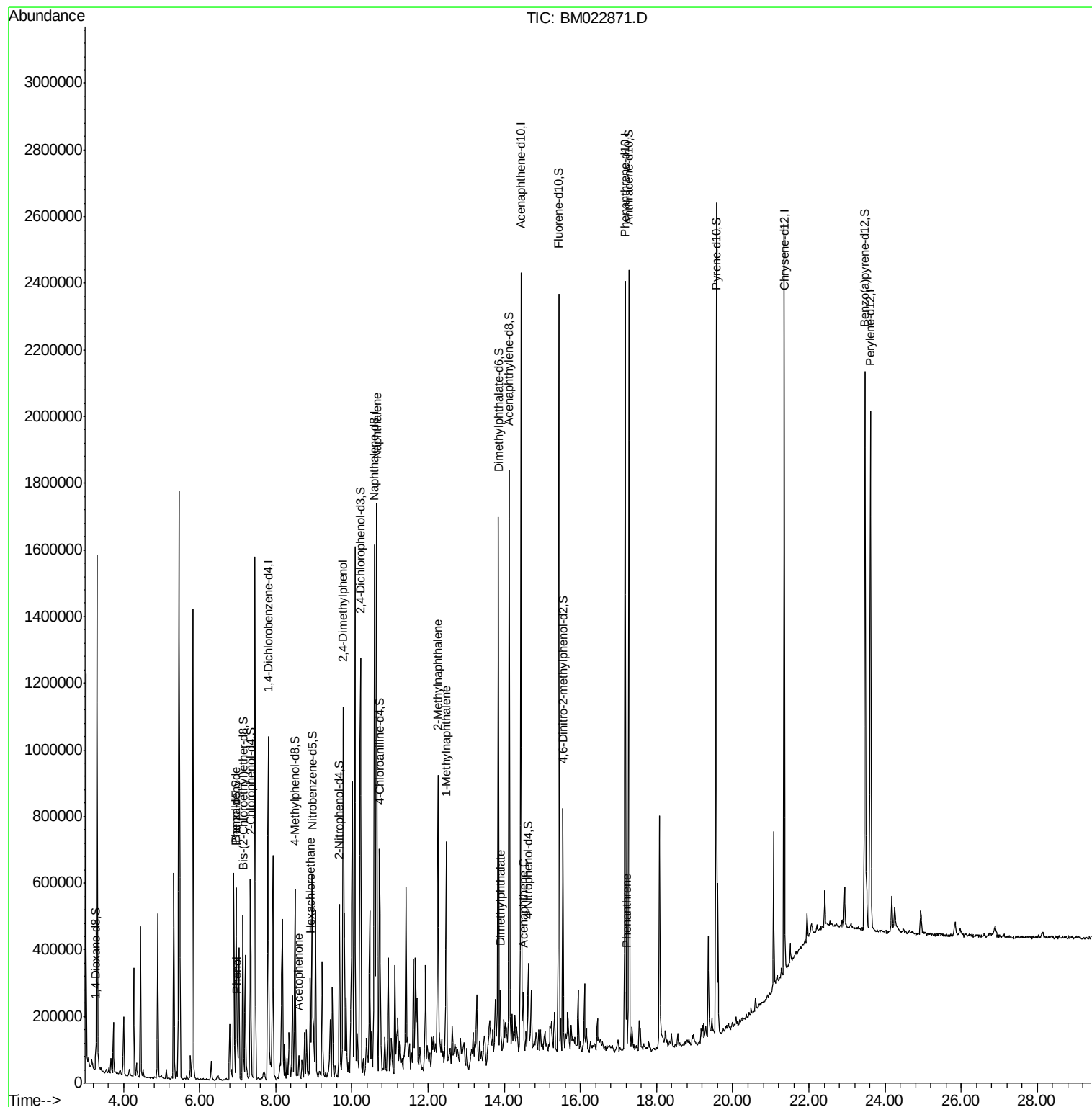
					Ovalue	
4) Benzaldehyde	6.95	77	34577	3.027	ng/ul#	1
6) Phenol	6.99	94	55192	2.088	ng/ul	98
14) Acetophenone	8.61	105	49779	1.578	ng/ul#	42
17) Hexachloroethane	8.91	117	33428	4.039	ng/ul#	6
24) 2,4-Dimethylphenol	9.77	107	405504	16.873	ng/ul	99
28) Naphthalene	10.65	128	1350440	19.526	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	415407	8.011	ng/ul	97
35) 1-Methylnaphthalene	12.47	142	285538	5.765	ng/ul	99
45) Dimethylphthalate	13.89	163	126879	2.096	ng/ul	99
50) Acenaphthene	14.50	153	68134	1.332	ng/ul	99
70) Phenanthrene	17.22	178	94342	1.205	ng/ul	99

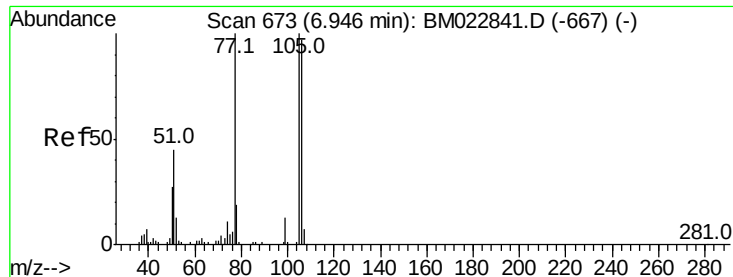
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.027 ng/ul

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

Instrument :

BNA_M

ClientSampled :

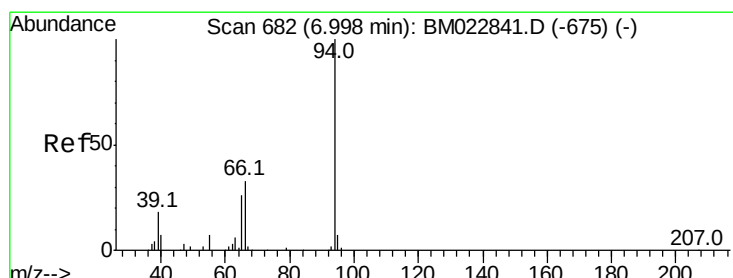
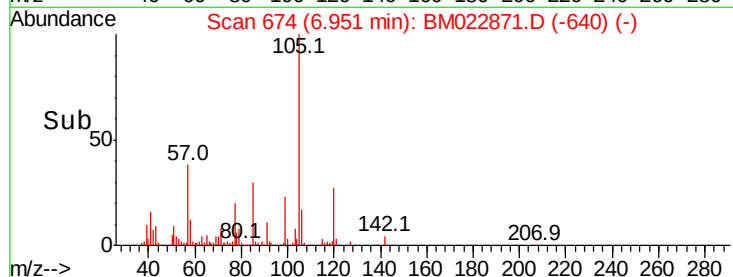
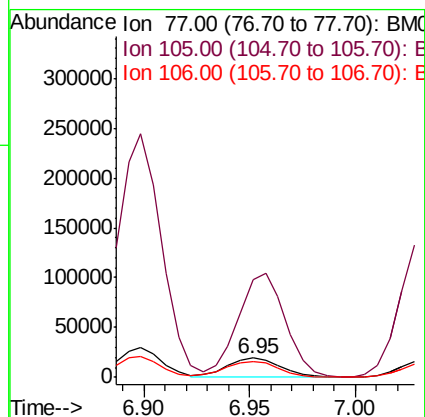
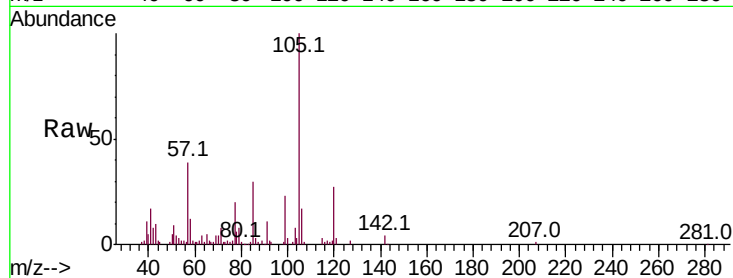
Tot Ion: 77 Resp: 34577

Ion Ratio Lower Upper

77 100

105 504.6 80.6 120.8#

106 84.3 77.0 115.6



#6

Phenol

Concen: 2.088 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

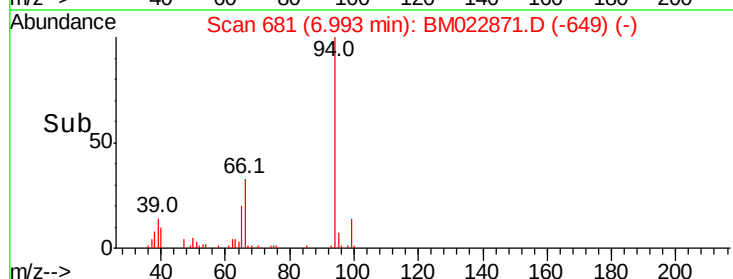
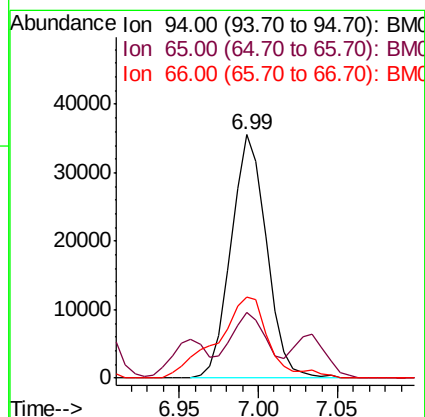
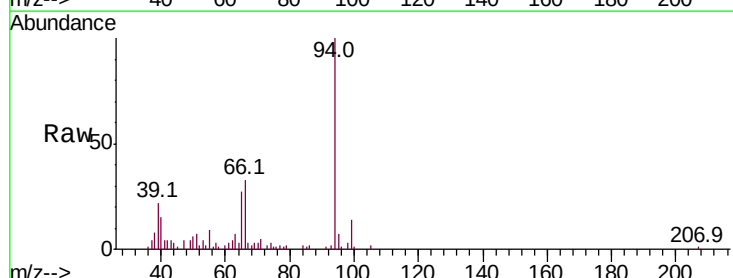
Tgt Ion: 94 Resp: 55192

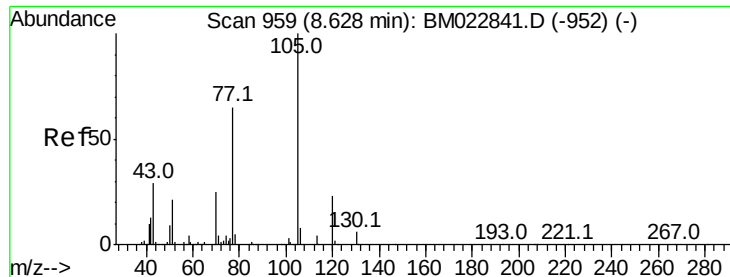
Ion Ratio Lower Upper

94 100

65 27.0 20.9 31.3

66 33.2 27.2 40.8





#14

Acetophenone

Concen: 1.578 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. -0.02 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

Instrument :

BNA_M

ClientSampleId :

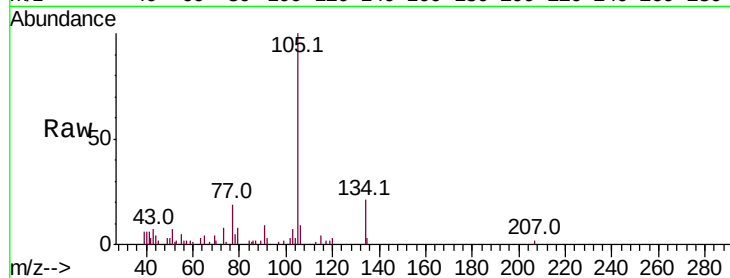
Tot Ion:105 Resp: 49779

Ion Ratio Lower Upper

105 100

77 18.9 59.4 89.0#

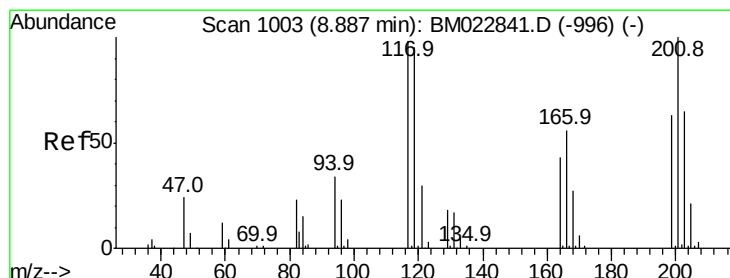
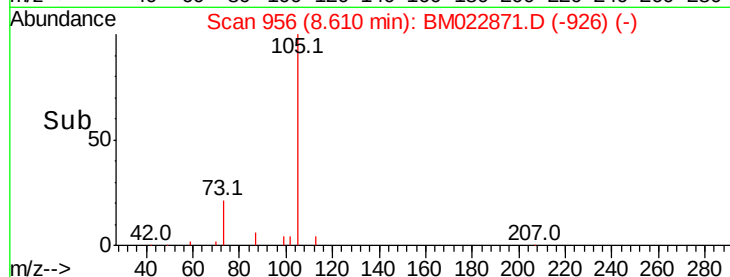
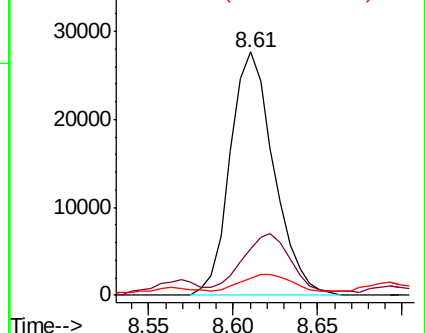
51 7.2 19.4 29.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#17

Hexachloroethane

Concen: 4.039 ng/ul

RT: 8.91 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

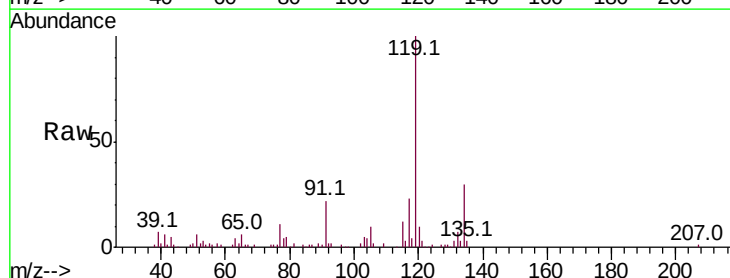
Tgt Ion:117 Resp: 33428

Ion Ratio Lower Upper

117 100

201 0.0 82.5 123.7#

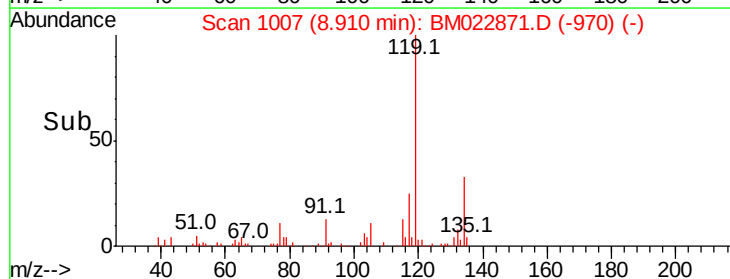
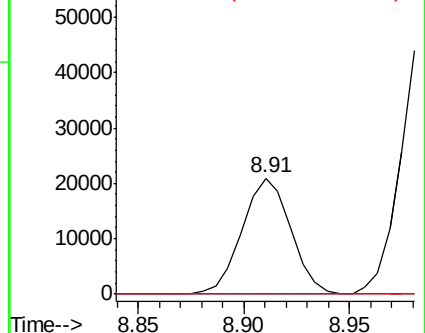
199 0.0 51.6 77.4#

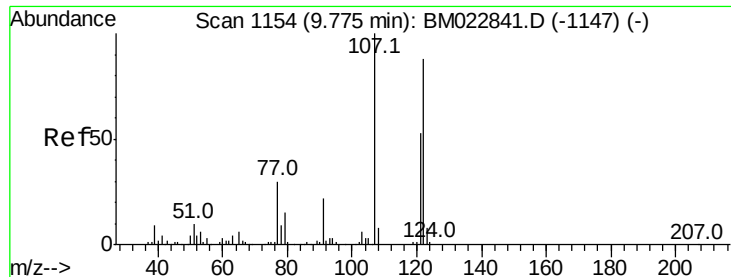


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#24

2,4-Dimethylphenol

Concen: 16.873 ng/ul

RT: 9.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

Instrument :

BNA_M

ClientSampleId :

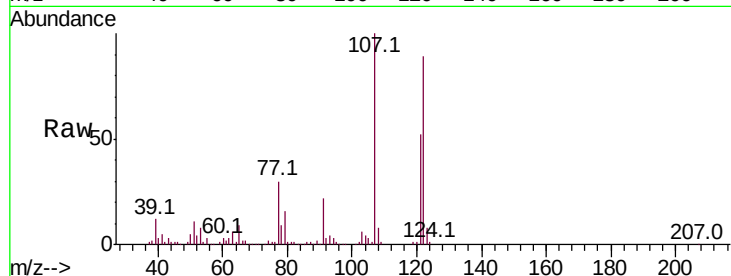
Tot Ion:107 Resp: 405504

Ion Ratio Lower Upper

107 100

121 52.1 43.0 64.4

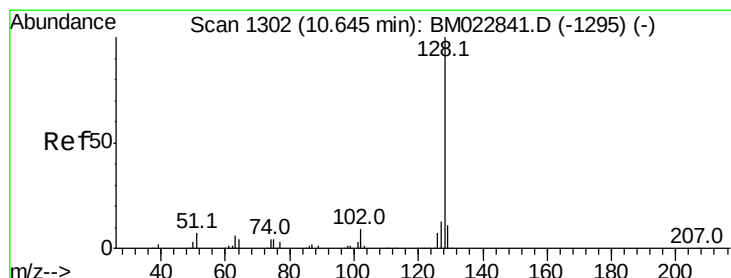
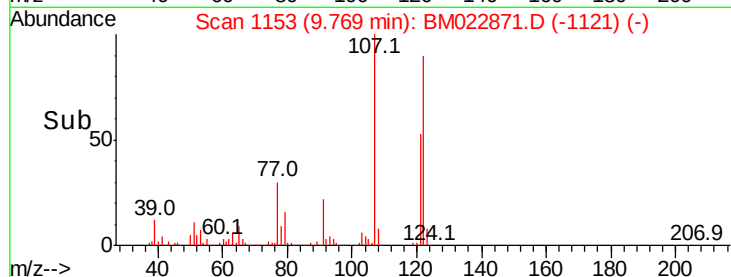
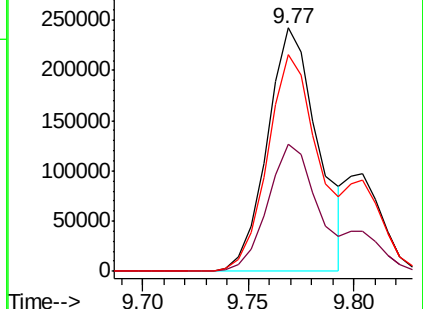
122 88.9 71.4 107.0



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: 19.526 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

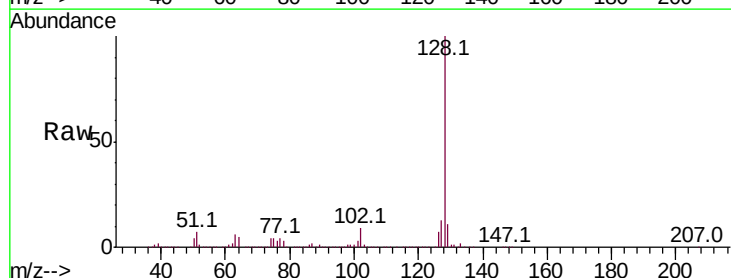
Tgt Ion:128 Resp: 1350440

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

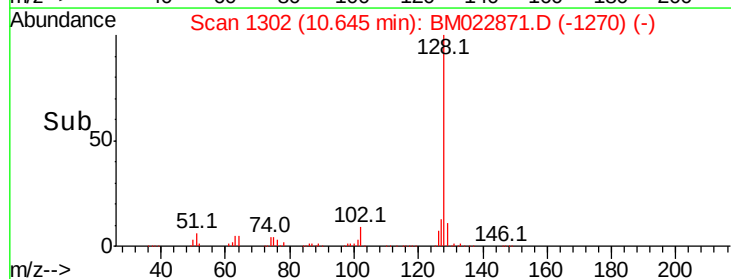
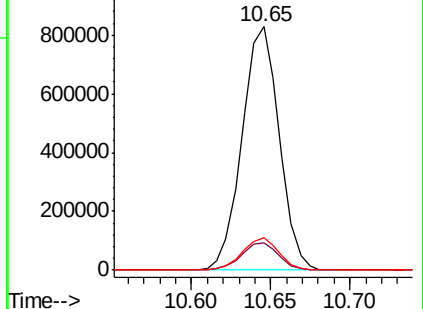
127 13.1 10.2 15.4

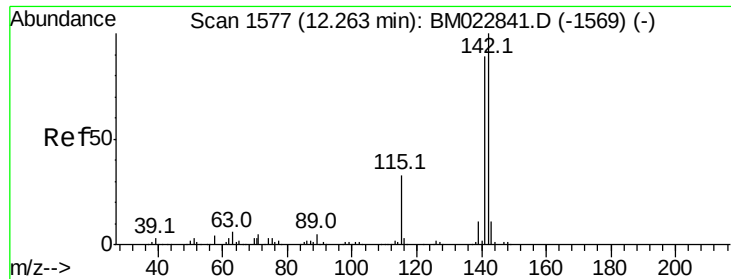


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

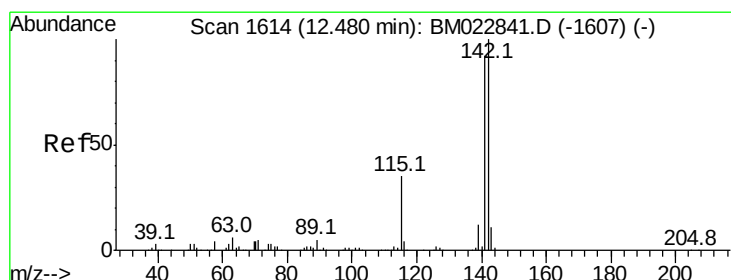
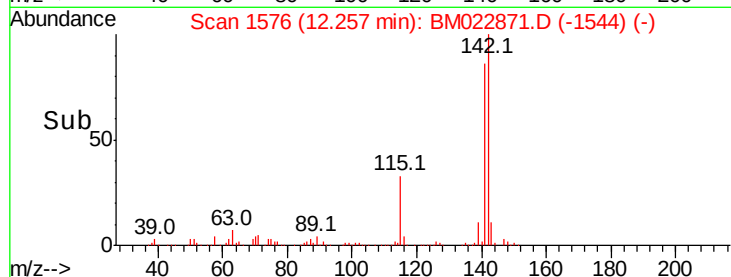
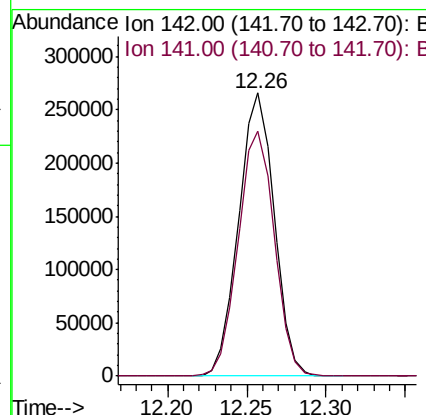
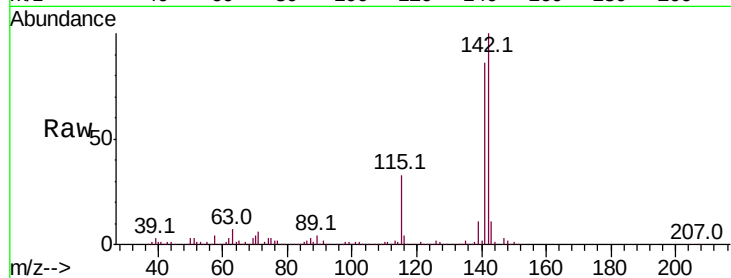




#34
 2-Methylnaphthalene
 Concen: 8.011 ng/ul
 RT: 12.26 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM022871.D
 Acq: 02 Oct 2019 01:56

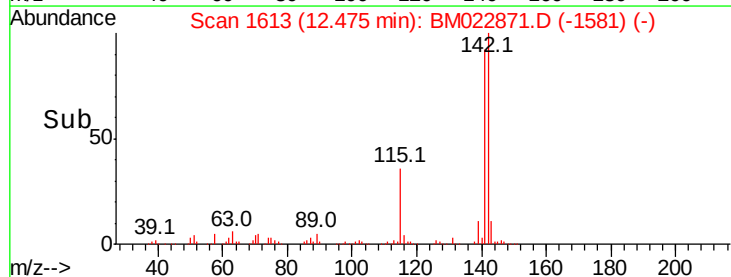
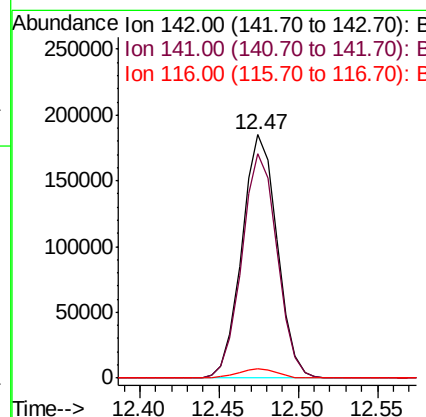
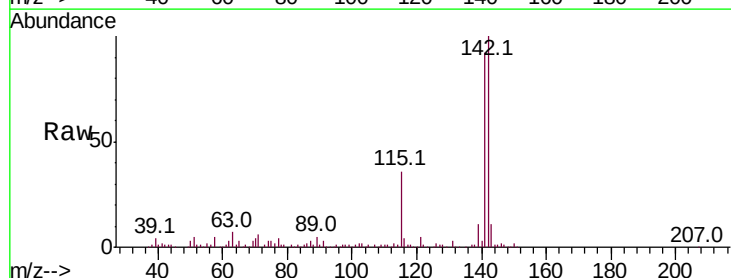
Instrument :
 BNA_M
 ClientSampleId :

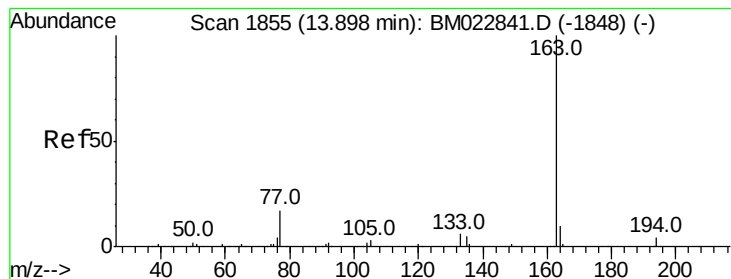
Tot Ion:142 Resp: 415407
 Ion Ratio Lower Upper
 142 100
 141 86.5 71.2 106.8



#35
 1-Methylnaphthalene
 Concen: 5.765 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM022871.D
 Acq: 02 Oct 2019 01:56

Tgt Ion:142 Resp: 285538
 Ion Ratio Lower Upper
 142 100
 141 92.1 73.0 109.6
 116 3.8 2.9 4.3





#45

Dimethylphthalate

Concen: 2.096 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

Instrument :

BNA_M

ClientSampleId :

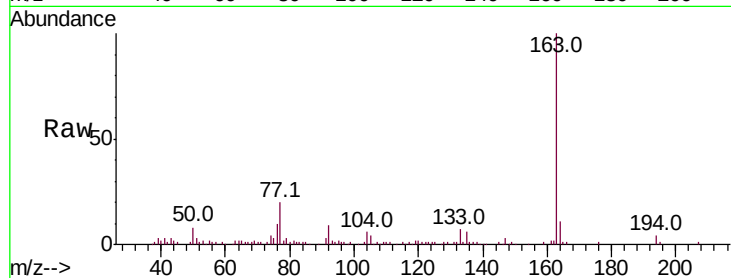
Tot Ion:163 Resp: 126879

Ion Ratio Lower Upper

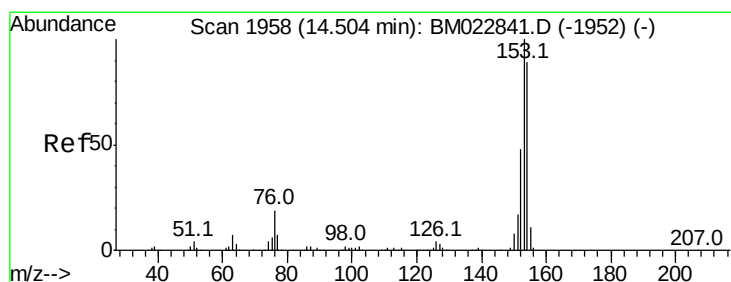
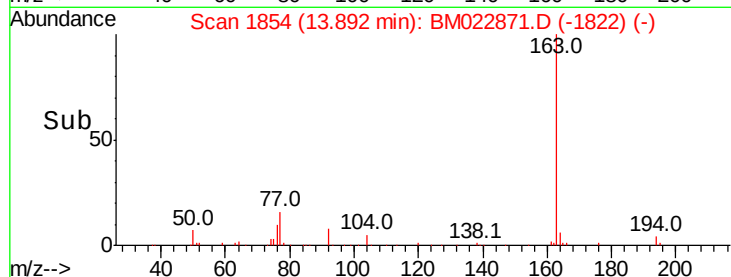
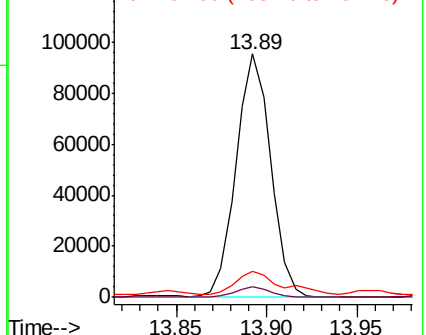
163 100

194 4.1 3.4 5.0

164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 1.332 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

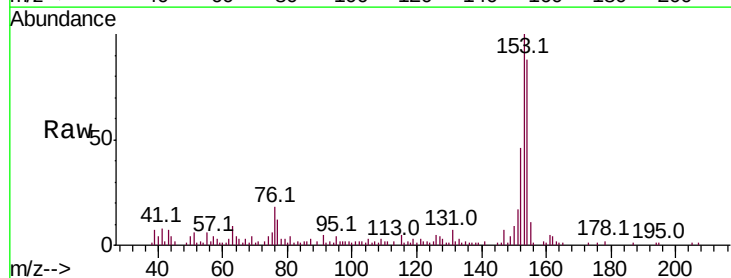
Tgt Ion:153 Resp: 68134

Ion Ratio Lower Upper

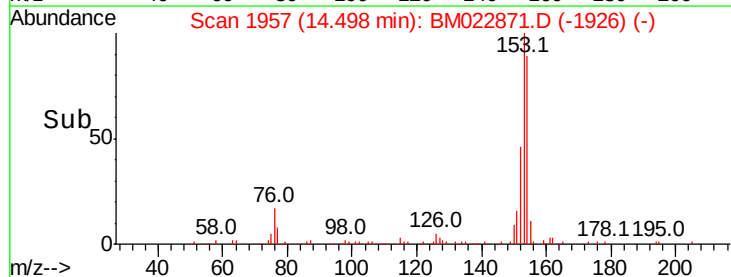
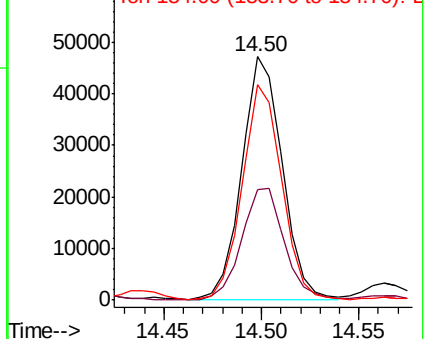
153 100

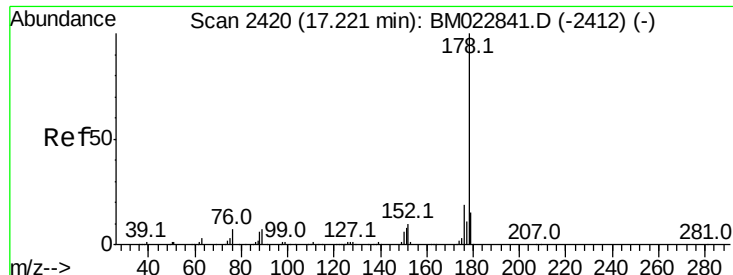
152 45.6 38.1 57.1

154 88.4 71.1 106.7



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





#70

Phenanthrene

Concen: 1.205 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022871.D

Acq: 02 Oct 2019 01:56

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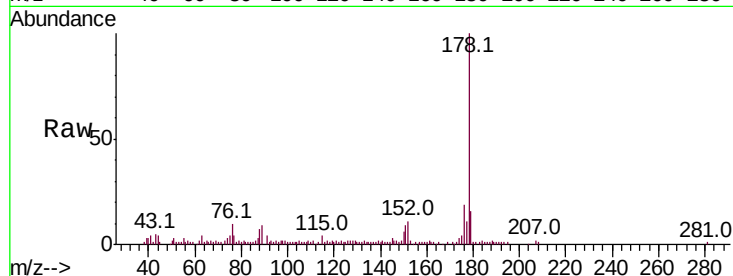
Tot Ion:178 Resp: 94342

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 18.8 15.3 22.9



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

