

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022933.D
 Acq On : 03 Oct 2019 23:25
 Operator : JU
 Sample : K4932-17RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDE8

Quant Time: Oct 04 01:24:07 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	7.79	152	195606	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	855193	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.43	164	544696	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1124308	20.00	ng/ul	-0.02
78) Chrysene-d12	21.34	240	913817	20.00	ng/ul	-0.02
86) Perylene-d12	23.61	264	901701	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	27469	6.07	ng/uL	0.00
5) Phenol-d5	6.96	99	154429	8.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.13	67	270073	28.55	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.33	132	352048	25.29	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	261364	18.47	ng/ul	-0.02
19) Nitrobenzene-d5	8.95	128	203462	30.83	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.67	143	225345	31.27	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.21	165	418479	29.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	536425	30.77	ng/ul	-0.02
44) Dimethylphthalate-d6	13.84	166	1436236	33.97	ng/ul	-0.02
47) Acenaphthylene-d8	14.12	160	1605988	32.90	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.63	143	81538	9.76	ng/ul	0.00
58) Fluorene-d10	15.42	176	1230537	34.15	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.54	200	232613	31.79	ng/ul	-0.02
71) Anthracene-d10	17.27	188	2082431	37.93	ng/ul	-0.02
79) Pyrene-d10	19.56	212	2231427	45.37	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1842928	39.51	ng/ul	-0.03

Target Compounds

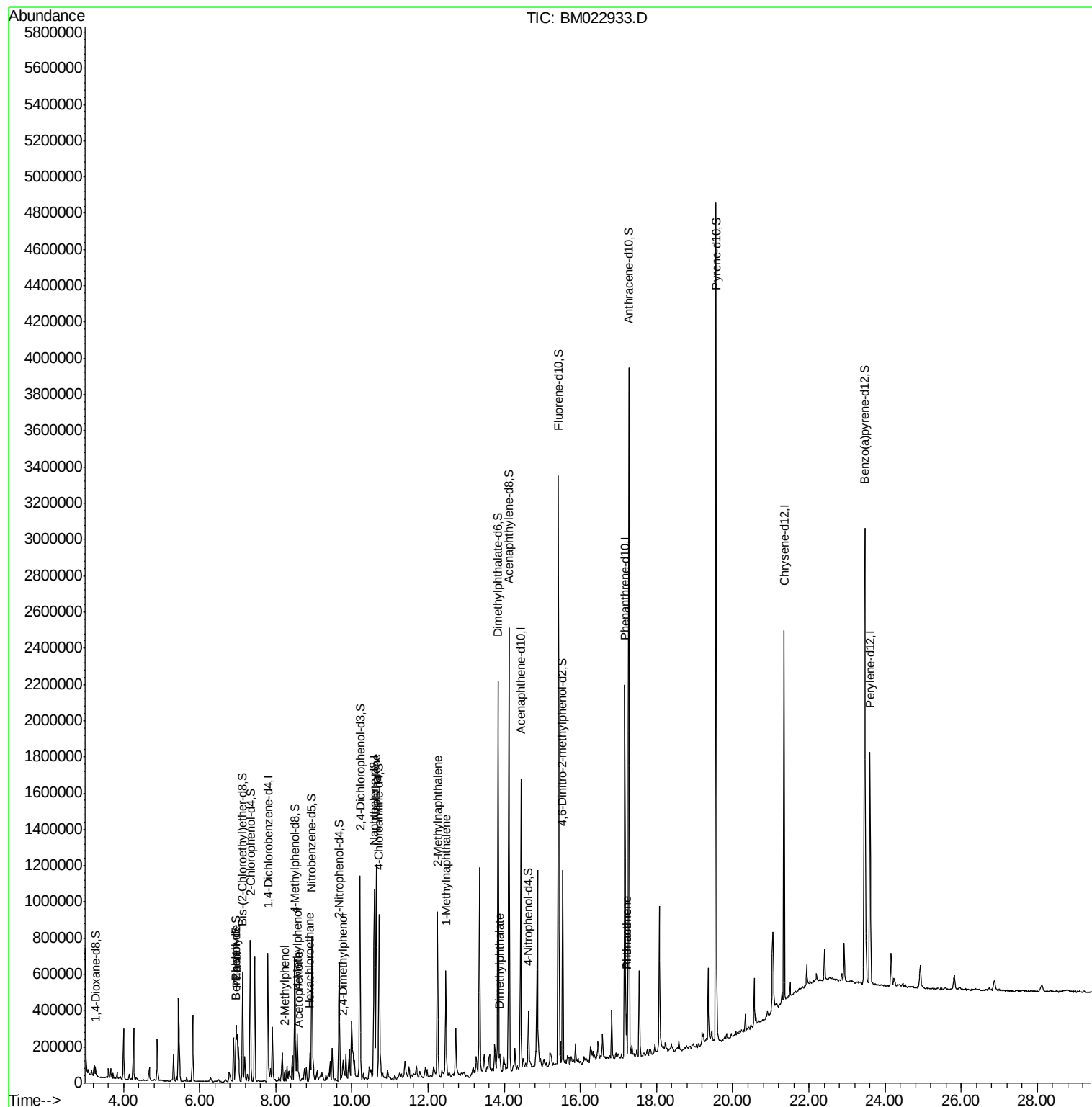
					Ovalue
4) Benzaldehyde	6.94	77	27611	3.525	ng/ul# 14
6) Phenol	6.99	94	143632	7.928	ng/ul 99
11) 2-Methylphenol	8.24	108	20570	1.473	ng/ul 94
14) Acetophenone	8.60	105	36569	1.691	ng/ul# 52
16) 4-Methylphenol	8.56	108	107834	6.984	ng/ul 99
17) Hexachloroethane	8.90	117	19468	3.431	ng/ul# 6
24) 2,4-Dimethylphenol	9.76	107	39660	2.471	ng/ul 98
28) Naphthalene	10.63	128	926916	20.069	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	442547	12.780	ng/ul 100
35) 1-Methylnaphthalene	12.47	142	273214	8.261	ng/ul 99
45) Dimethylphthalate	13.89	163	53585	1.234	ng/ul 98
70) Phenanthrene	17.21	178	132773	1.979	ng/ul 99
72) Anthracene	17.21	178	132868	1.943	ng/ul 99

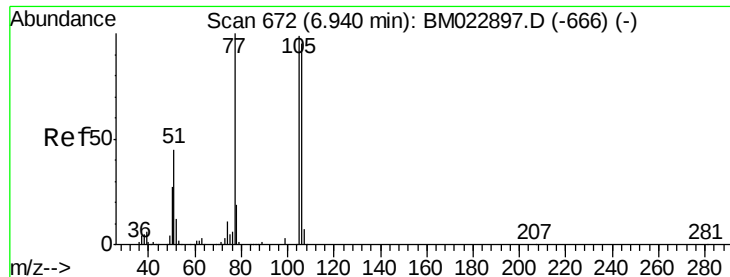
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.525 ng/ul

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

Instrument :

BNA_M

ClientSampleId :

BFDE8

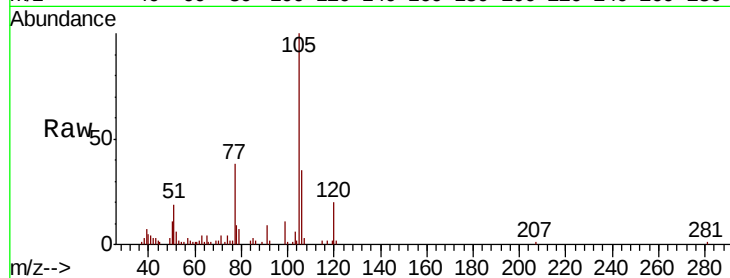
Tot Ion: 77 Resp: 27611

Ion Ratio Lower Upper

77 100

105 264.7 80.6 120.8#

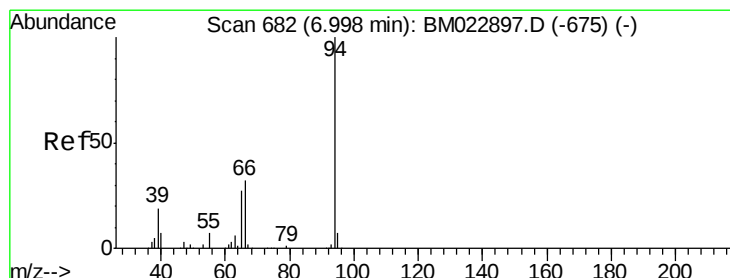
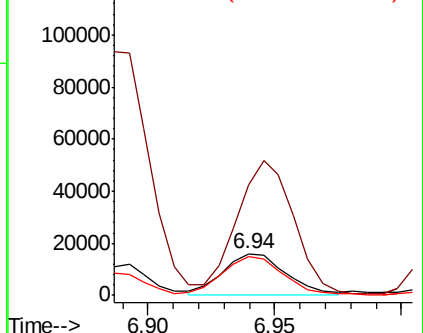
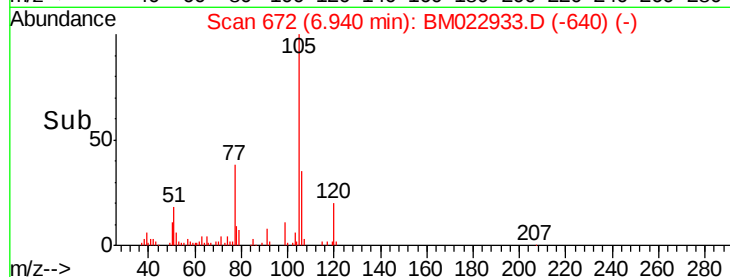
106 91.7 77.0 115.6



Abundance Ion 77.00 (76.70 to 77.70): BM022933.D (-640) (-)

Ion 105.00 (104.70 to 105.70): BM022933.D (-640) (-)

Ion 106.00 (105.70 to 106.70): BM022933.D (-640) (-)



#6

Phenol

Concen: 7.928 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

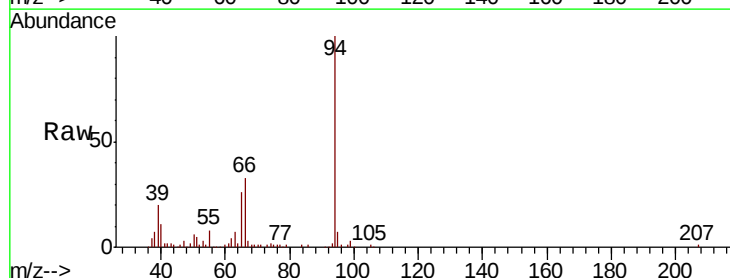
Tgt Ion: 94 Resp: 143632

Ion Ratio Lower Upper

94 100

65 25.8 20.9 31.3

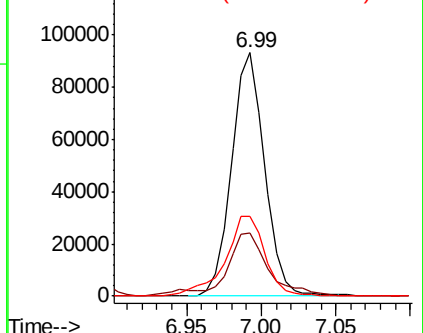
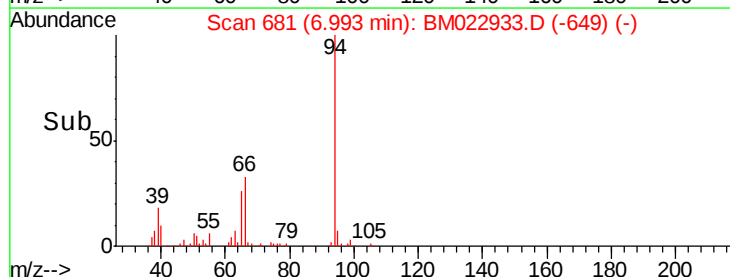
66 33.0 27.2 40.8

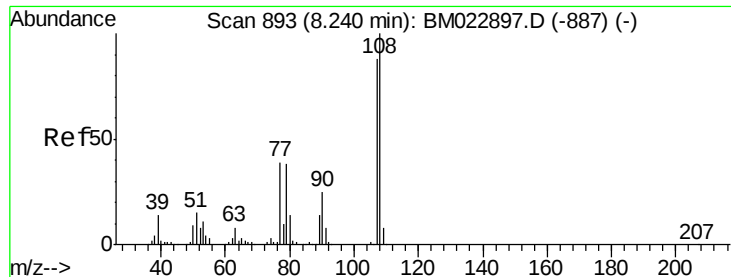


Abundance Ion 94.00 (93.70 to 94.70): BM022933.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM022933.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM022933.D (-649) (-)





#11

2-Methylphenol

Concen: 1.473 ng/ul

RT: 8.24 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

Instrument :

BNA_M

ClientSampleId :

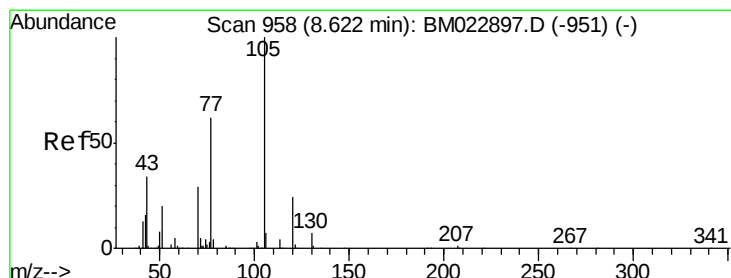
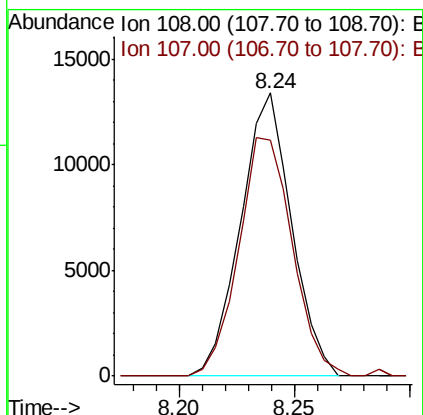
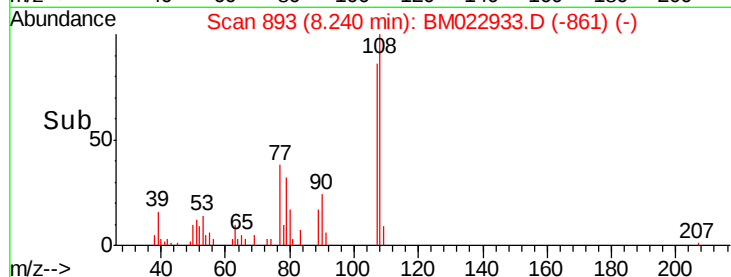
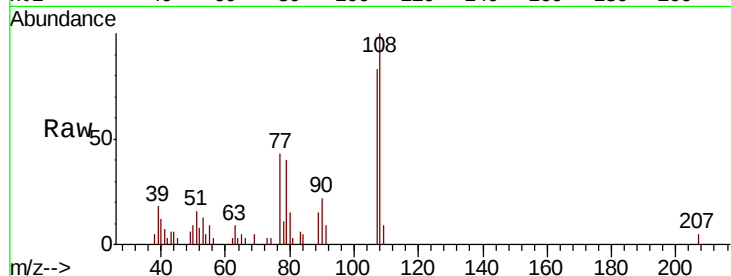
BFDE8

Tot Ion:108 Resp: 20570

Ion Ratio Lower Upper

108 100

107 83.5 71.0 106.4



#14

Acetophenone

Concen: 1.691 ng/ul

RT: 8.60 min Scan# 955

Delta R.T. -0.03 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

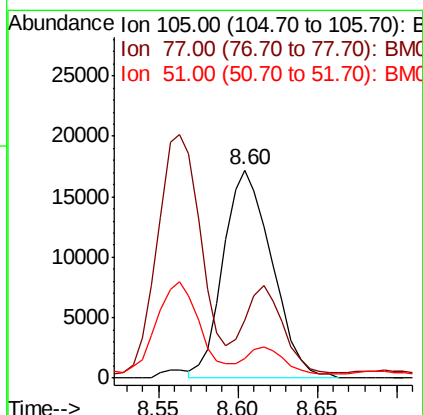
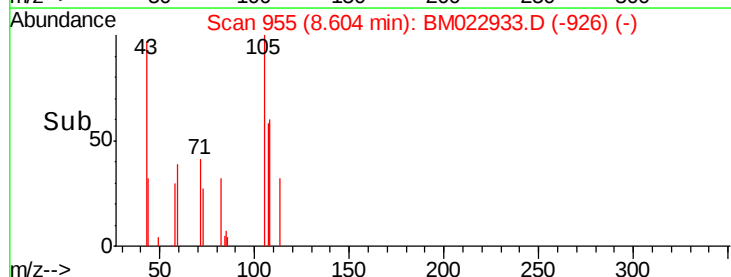
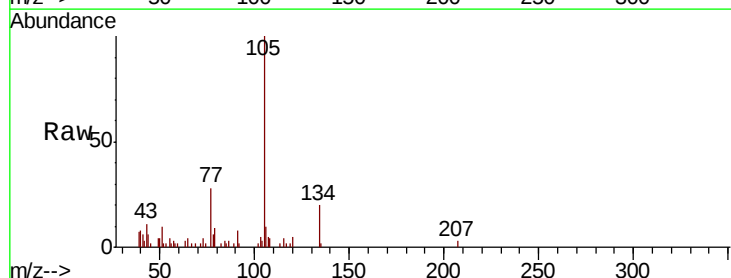
Tgt Ion:105 Resp: 36569

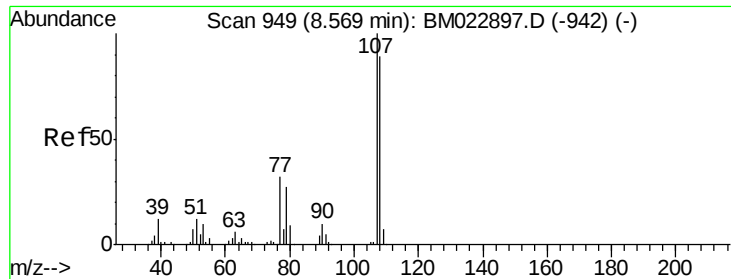
Ion Ratio Lower Upper

105 100

77 28.0 59.4 89.0#

51 9.6 19.4 29.0#

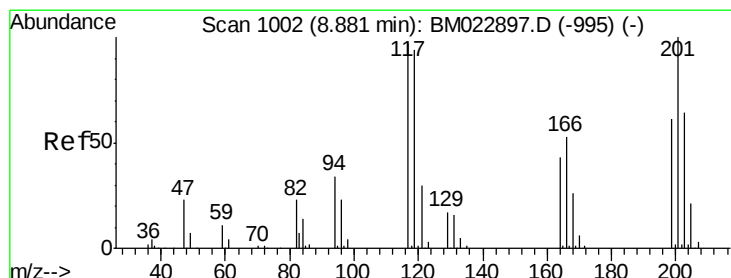
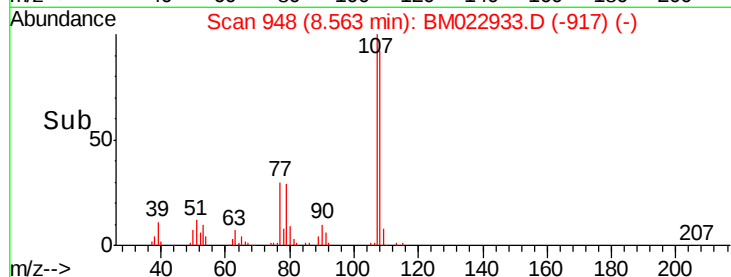
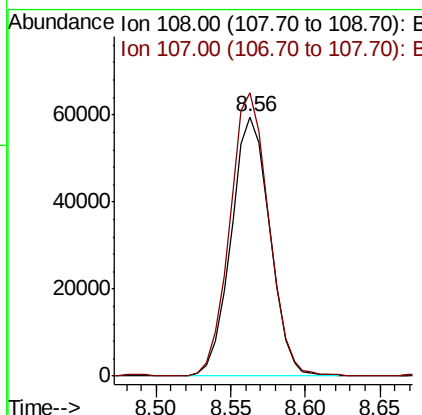
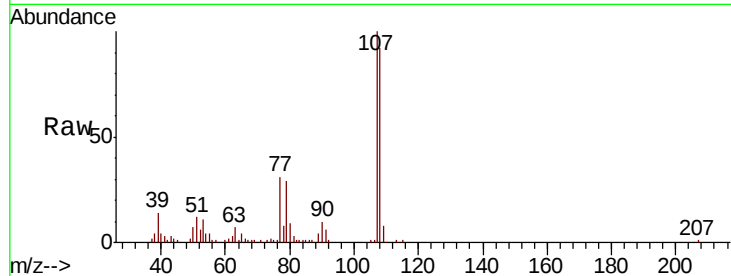




#16
4-Methylphenol
Concen: 6.984 ng/ul
RT: 8.56 min Scan# 948
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

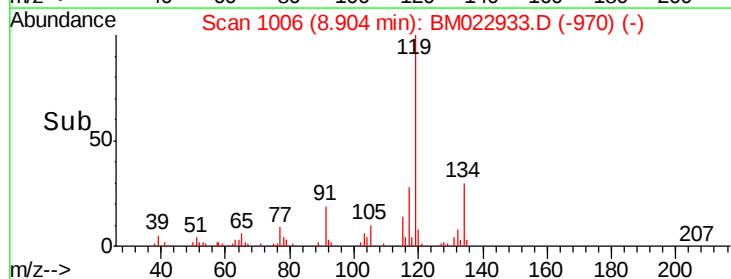
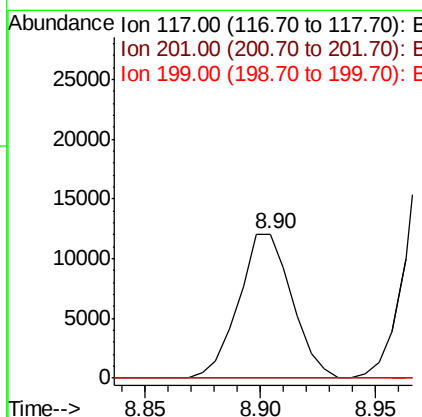
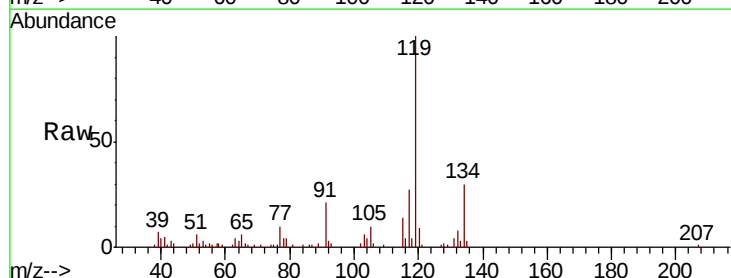
Instrument :
BNA_M
ClientSampleId :
BFDE8

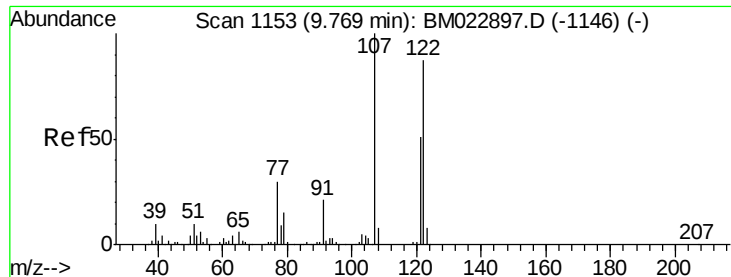
Tot Ion:108 Resp: 107834
Ion Ratio Lower Upper
108 100
107 109.2 87.9 131.9



#17
Hexachloroethane
Concen: 3.431 ng/ul
RT: 8.90 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:117 Resp: 19468
Ion Ratio Lower Upper
117 100
201 0.0 82.5 123.7#
199 0.0 51.6 77.4#





#24

2,4-Dimethylphenol

Concen: 2.471 ng/ul

RT: 9.76 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

Instrument :

BNA_M

ClientSampleId :

BFDE8

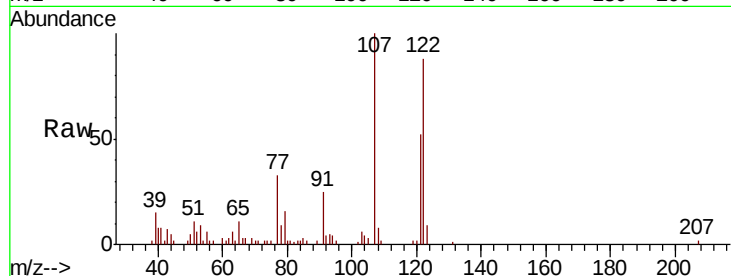
Tot Ion:107 Resp: 39660

Ion Ratio Lower Upper

107 100

121 51.6 43.0 64.4

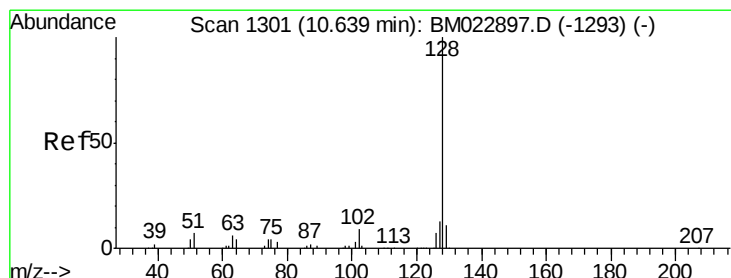
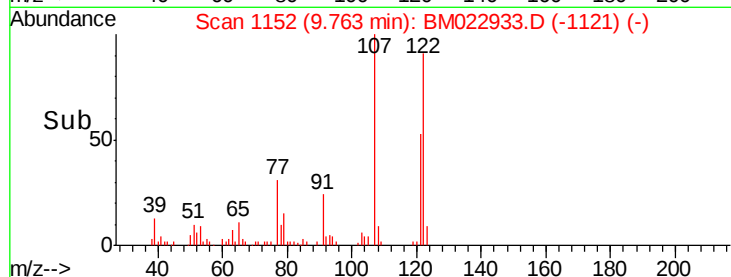
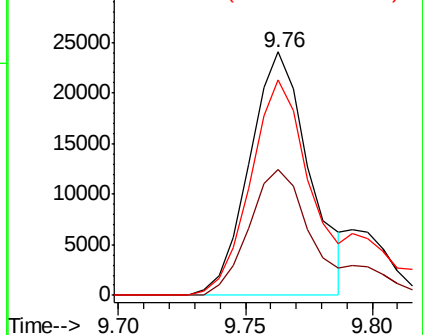
122 88.4 71.4 107.0



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: 20.069 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

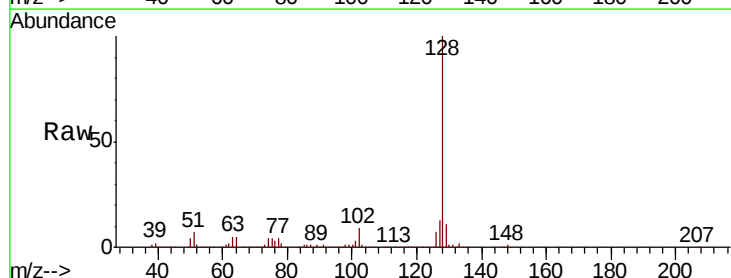
Tgt Ion:128 Resp: 926916

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

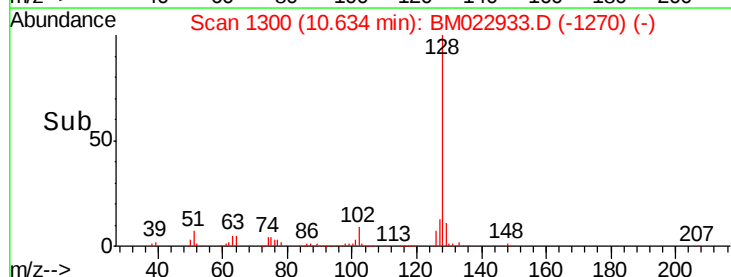
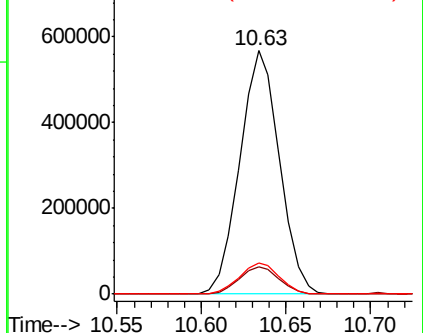
127 13.0 10.2 15.4

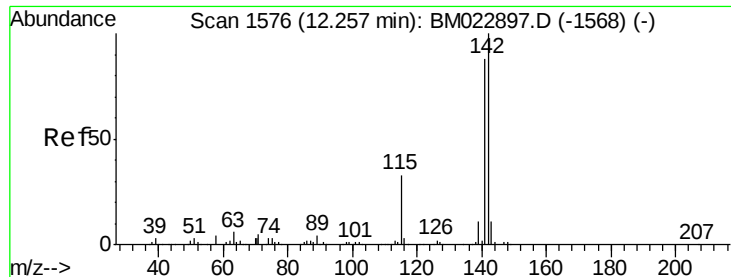


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

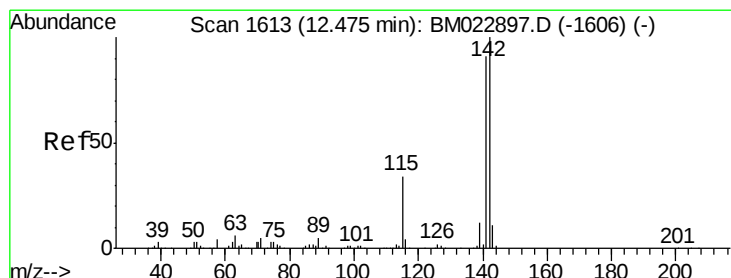
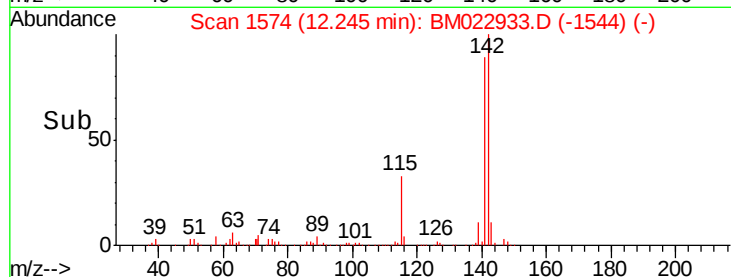
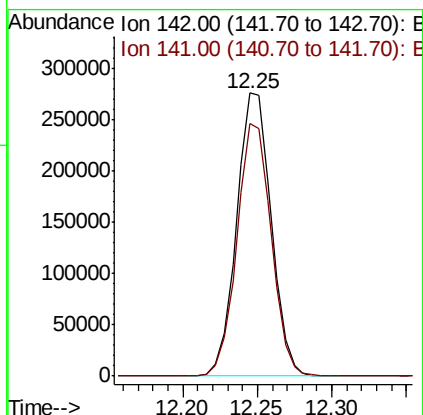
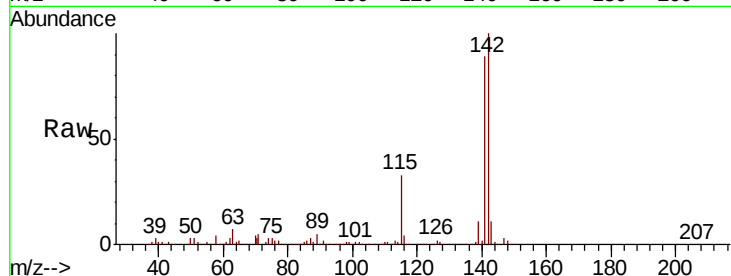




#34
2-Methylnaphthalene
Concen: 12.780 ng/ul
RT: 12.25 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

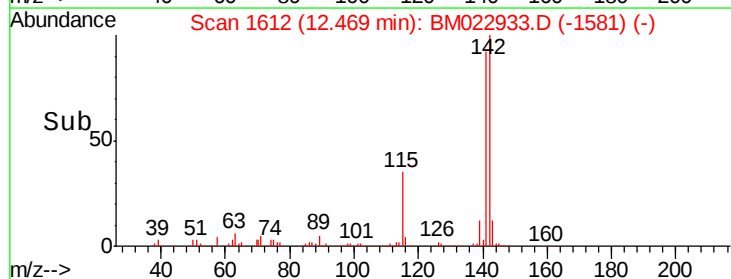
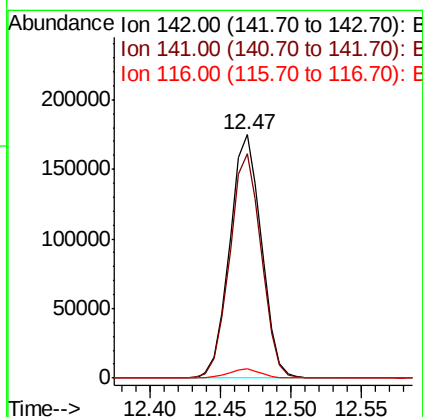
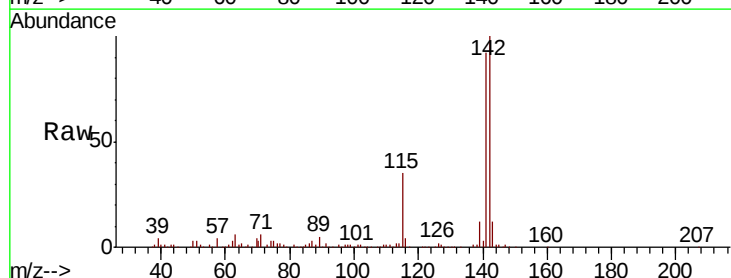
Instrument :
BNA_M
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BFDE8

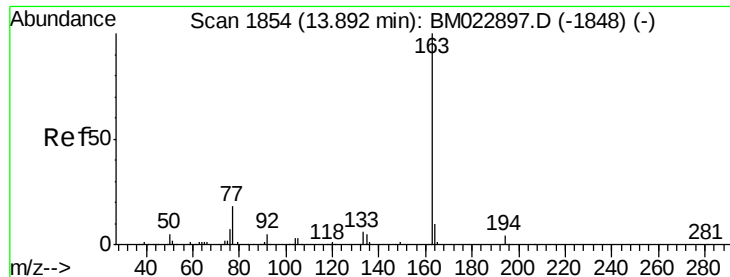
Tot Ion:142 Resp: 442547
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8



#35
1-Methylnaphthalene
Concen: 8.261 ng/ul
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM022933.D
Acq: 03 Oct 2019 23:25

Tgt Ion:142 Resp: 273214
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.6
116 3.7 2.9 4.3





#45

Dimethylphthalate

Concen: 1.234 ng/ul

RT: 13.89 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

Instrument :

BNA_M

ClientSampleId :

BFDE8

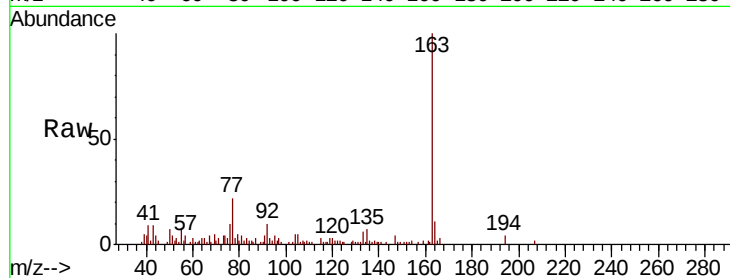
Tot Ion:163 Resp: 53585

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

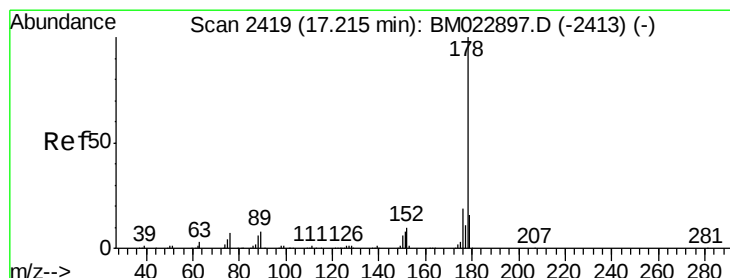
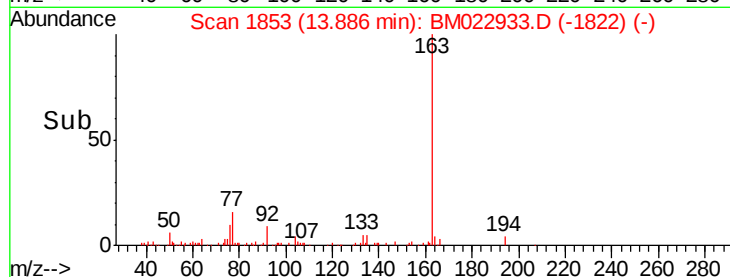
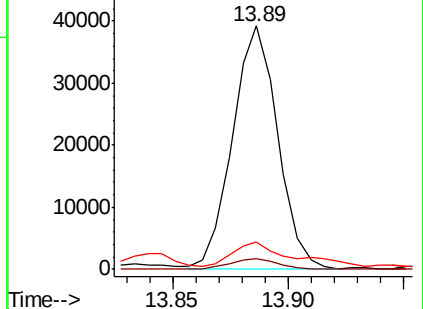
164 11.0 8.1 12.1



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



#70

Phenanthrene

Concen: 1.979 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BM022933.D

Acq: 03 Oct 2019 23:25

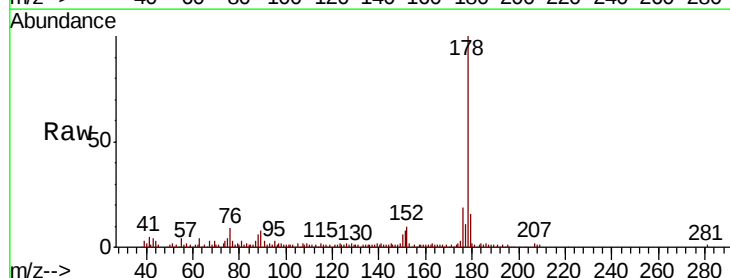
Tgt Ion:178 Resp: 132773

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

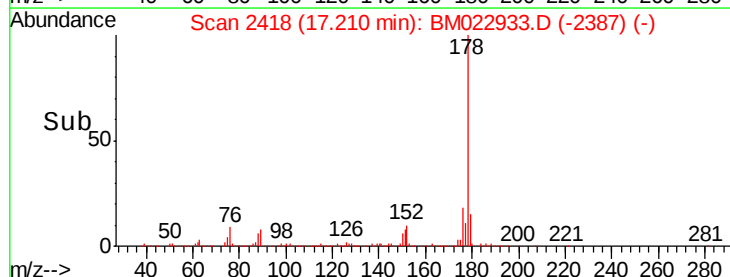
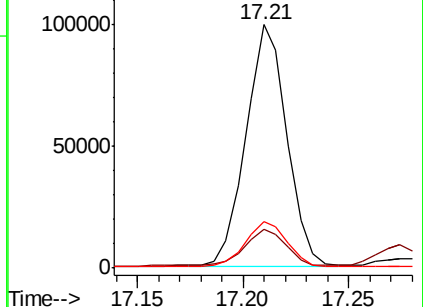
176 18.8 15.3 22.9

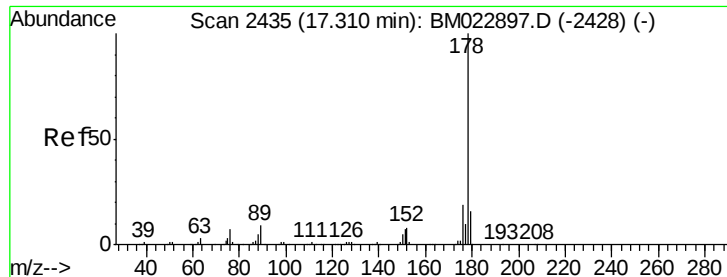


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72
 Anthracene
 Concen: 1.943 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. -0.11 min
 Lab File: BM022933.D
 Acq: 03 Oct 2019 23:25

Instrument :
 BNA_M
 ClientSampleId :
 BFDE8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.8	15.0	22.6

