

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023133.D
 Acq On : 11 Oct 2019 17:08
 Operator : JU
 Sample : K5124-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 22:48:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	179770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	688369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	381010	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	734559	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	742469	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	881534	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16561	3.98	ng/uL	0.00
5) Phenol-d5	6.94	99	254669	16.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	169721	19.52	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	241542	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	134378	10.33	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	120057	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	130550	22.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	209363	18.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	46341	3.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632683	21.40	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	756371	22.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	30127	5.16	ng/ul	0.00
58) Fluorene-d10	15.40	176	543431	21.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	29383	6.15	ng/ul	0.00
71) Anthracene-d10	17.25	188	798764	22.27	ng/ul	0.00
79) Pyrene-d10	19.54	212	873989	21.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1002294	21.98	ng/ul	0.00

Target Compounds

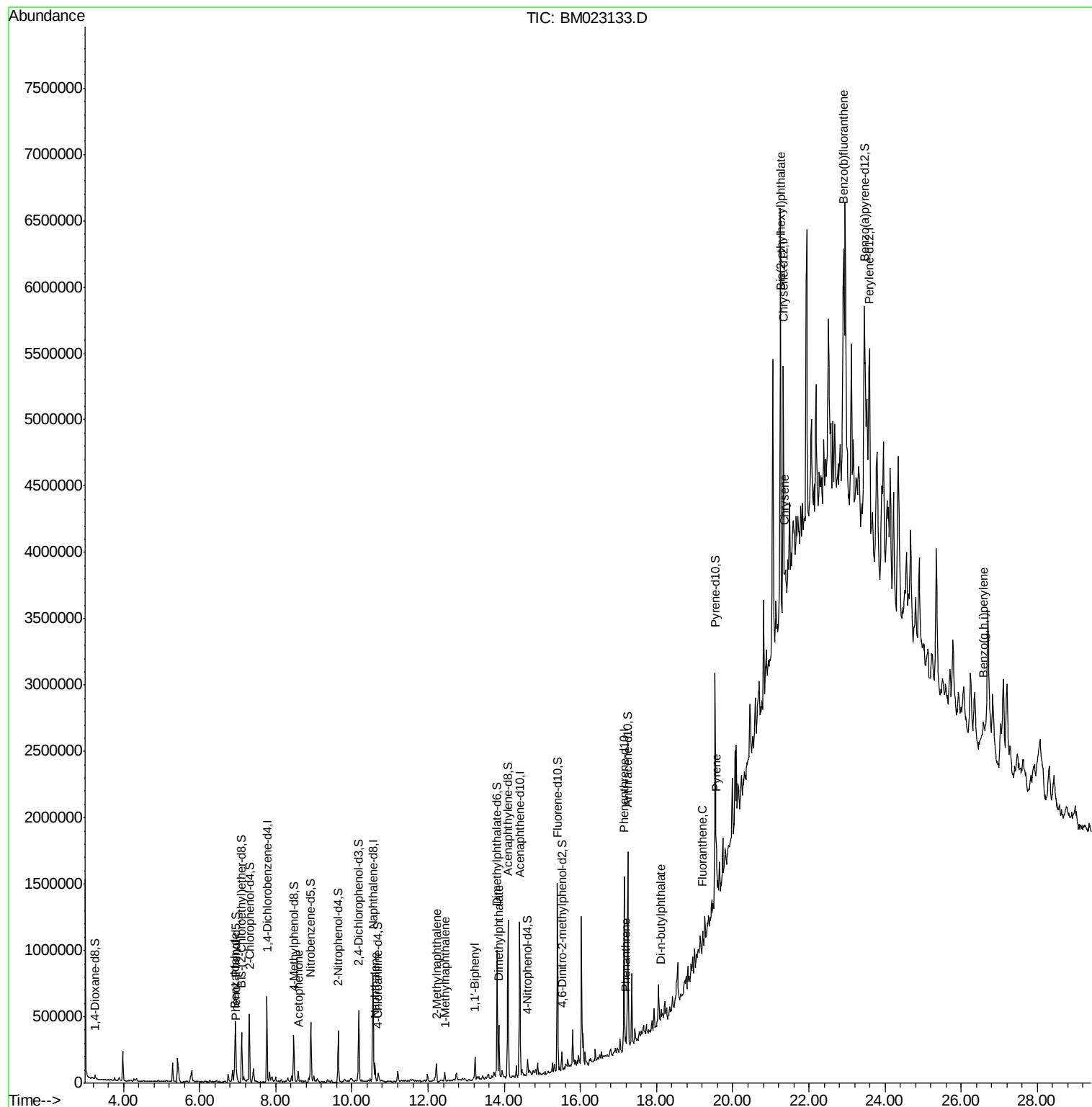
					Ovalue	
4) Benzaldehyde	6.92	77	30114	4.183	ng/ul#	39
6) Phenol	6.97	94	50042	3.005	ng/ul	99
14) Acetophenone	8.59	105	52467	2.639	ng/ul	96
28) Naphthalene	10.60	128	107715	2.897	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	61388	2.202	ng/ul	100
35) 1-Methylnaphthalene	12.44	142	30894	1.161	ng/ul#	99
41) 1,1'-Biphenyl	13.23	154	49975	1.602	ng/ul	98
45) Dimethylphthalate	13.86	163	255339	8.406	ng/ul	100
70) Phenanthrene	17.19	178	52773	1.204	ng/ul#	93
76) Di-n-butylphthalate	18.12	149	50665	1.082	ng/ul#	88
77) Fluoranthene	19.20	202	67413	1.367	ng/ul#	95
80) Pyrene	19.57	202	177852	3.379	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	1115307	36.264	ng/ul	98
85) Chrysene	21.37	228	64444	1.311	ng/ul#	77
88) Benzo(b)fluoranthene	22.92	252	107407	1.836	ng/ul#	1
94) Benzo(g,h,i)perylene	26.59	276	88201	1.875	ng/ul#	76

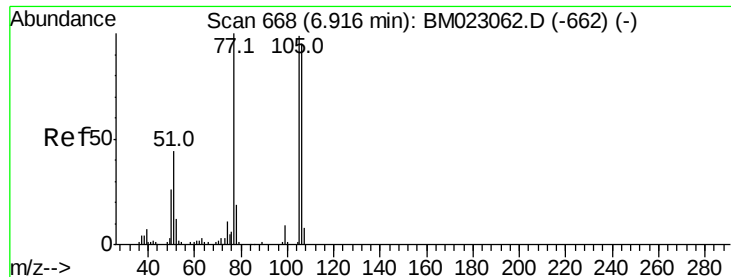
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.183 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

ClientSampled :

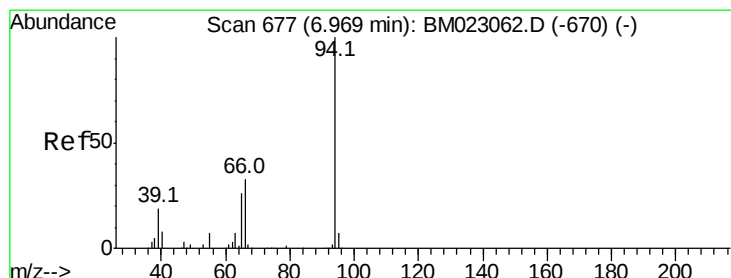
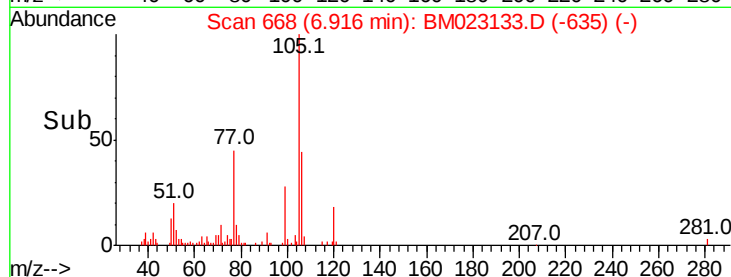
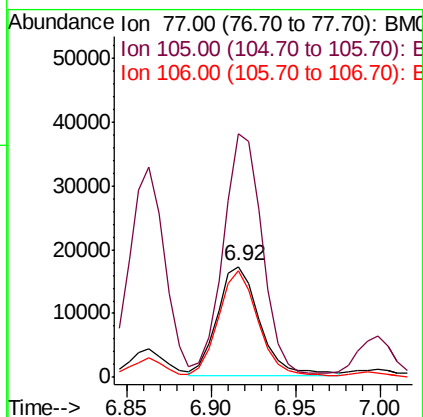
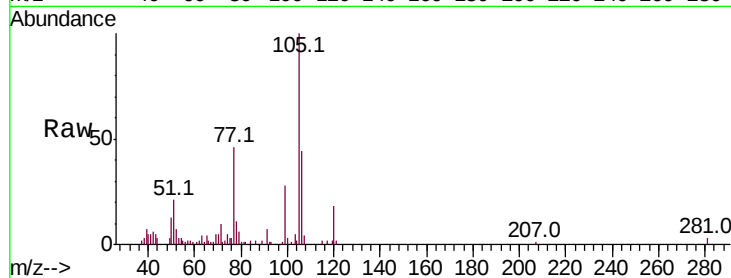
Tot Ion: 77 Resp: 30114

Ion Ratio Lower Upper

77 100

105 219.8 80.6 120.8#

106 96.4 77.0 115.6



#6

Phenol

Concen: 3.005 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

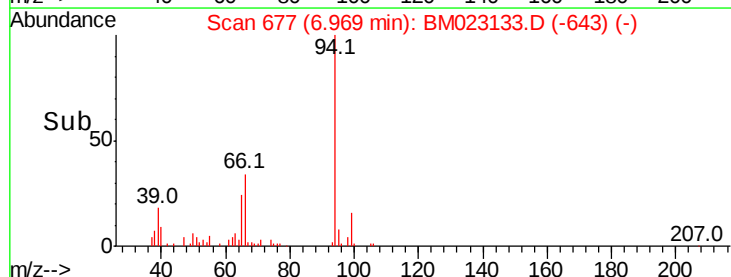
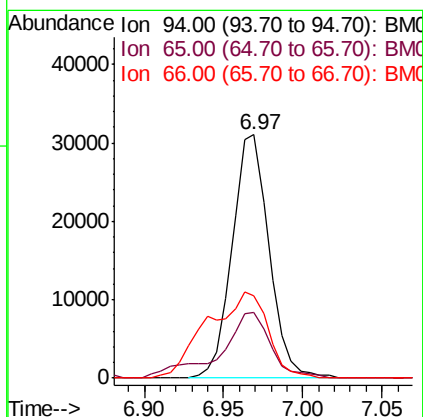
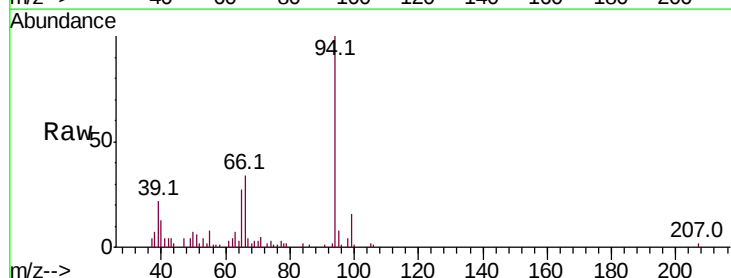
Tgt Ion: 94 Resp: 50042

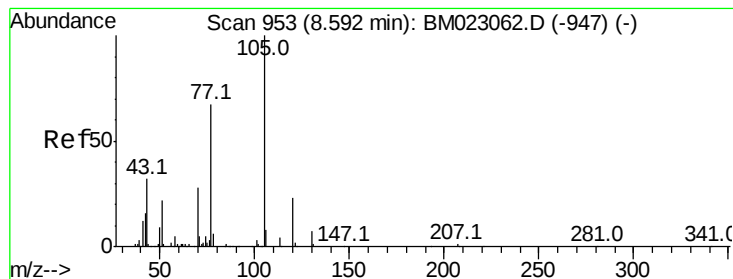
Ion Ratio Lower Upper

94 100

65 26.9 20.9 31.3

66 33.9 27.2 40.8





#14

Acetophenone

Concen: 2.639 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

ClientSampleId :

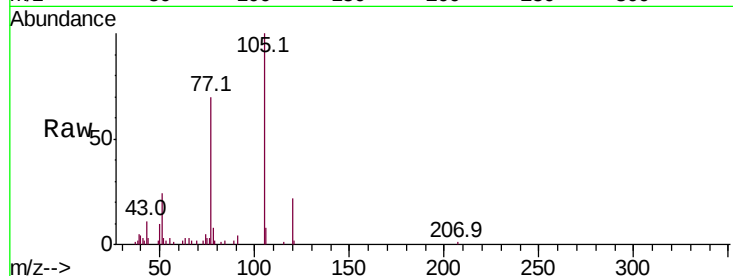
Tot Ion:105 Resp: 52467

Ion Ratio Lower Upper

105 100

77 70.1 59.4 89.0

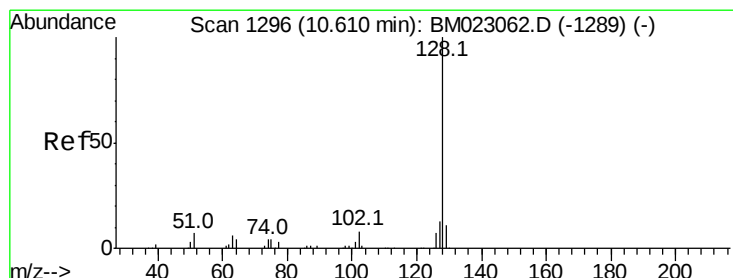
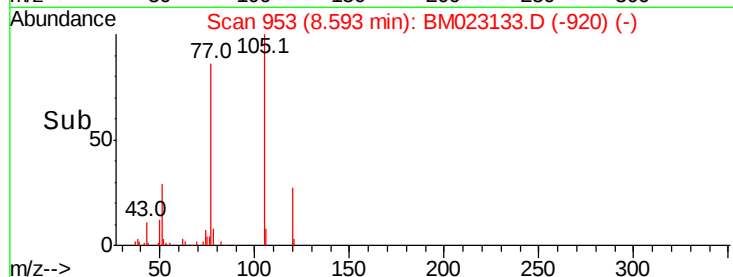
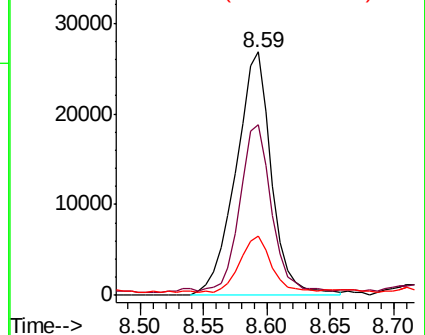
51 24.4 19.4 29.0



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



#28

Naphthalene

Concen: 2.897 ng/ul

RT: 10.60 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

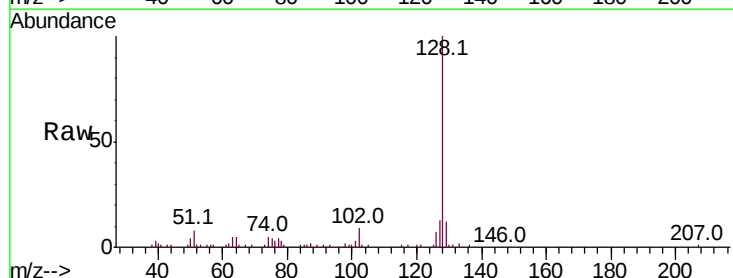
Tgt Ion:128 Resp: 107715

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

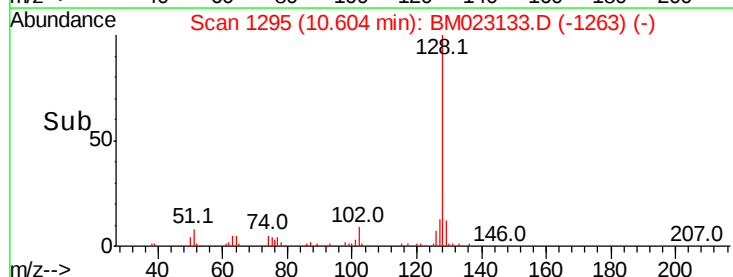
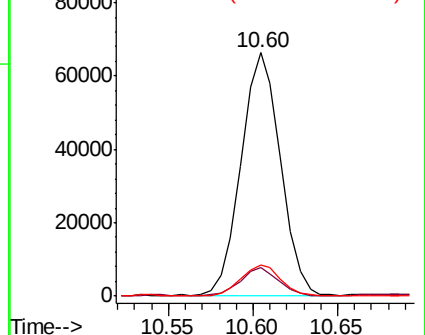
127 13.0 10.2 15.4

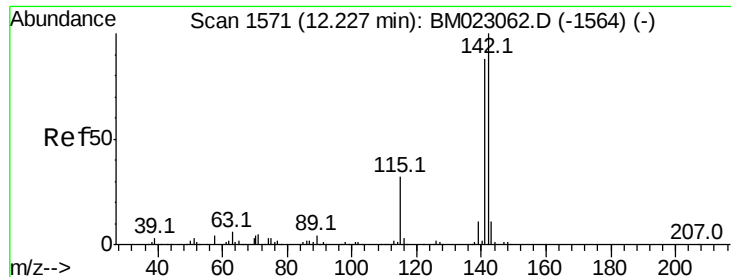


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

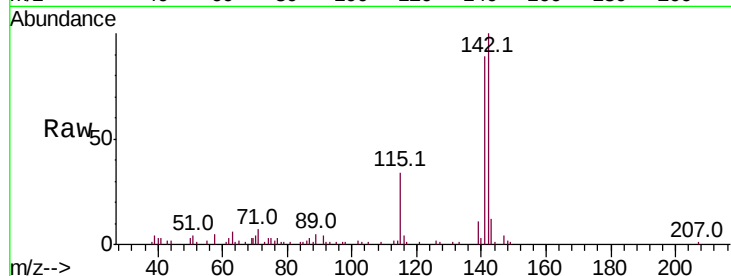




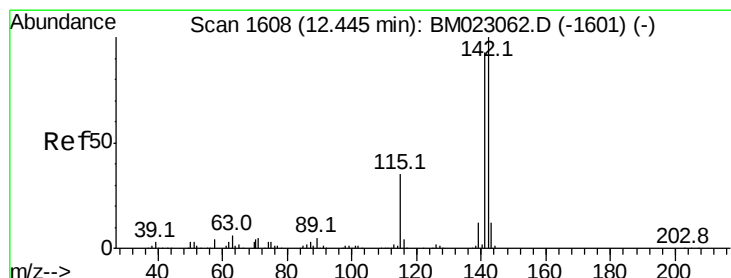
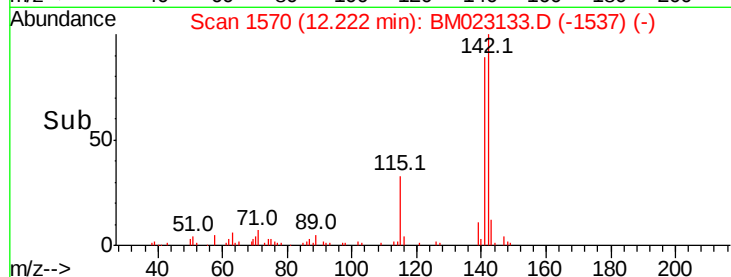
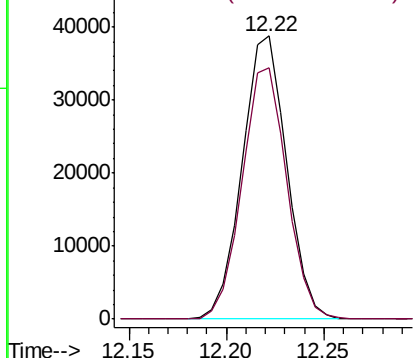
#34
2-Methylnaphthalene
Concen: 2.202 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 61388
Ion Ratio Lower Upper
142 100
141 89.0 71.2 106.8

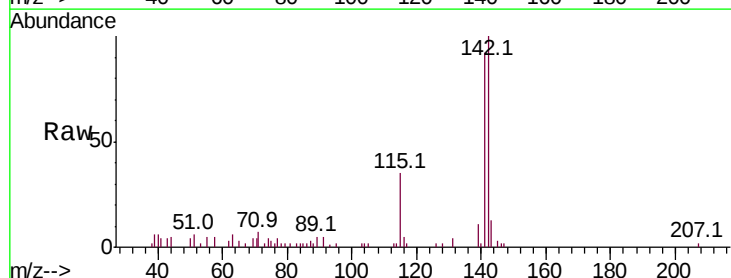


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

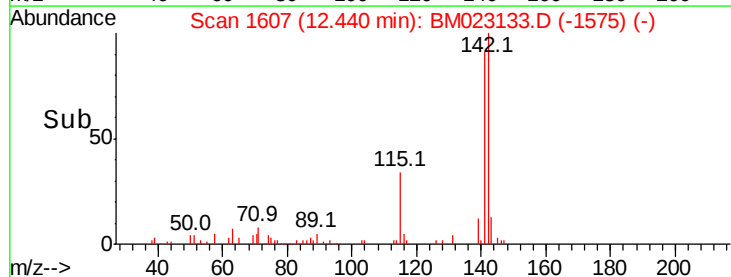
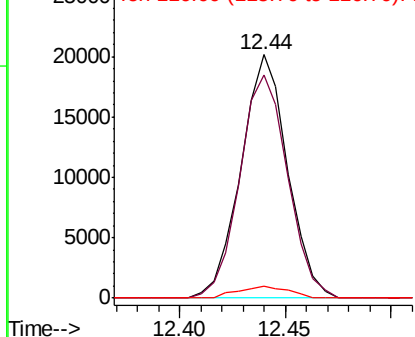


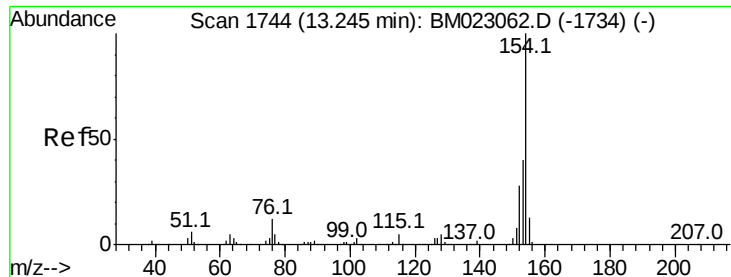
#35
1-Methylnaphthalene
Concen: 1.161 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion:142 Resp: 30894
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6
116 4.9 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

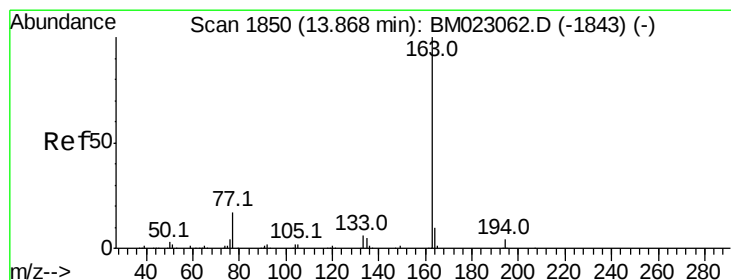
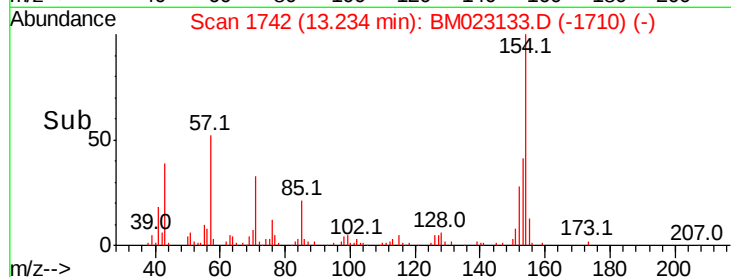
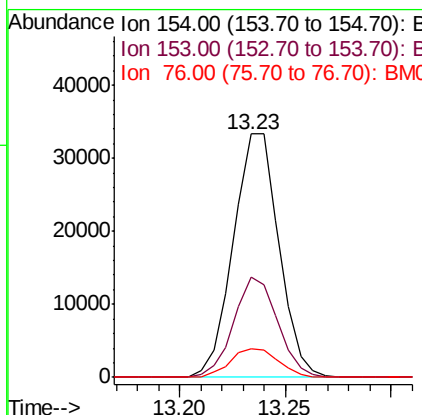
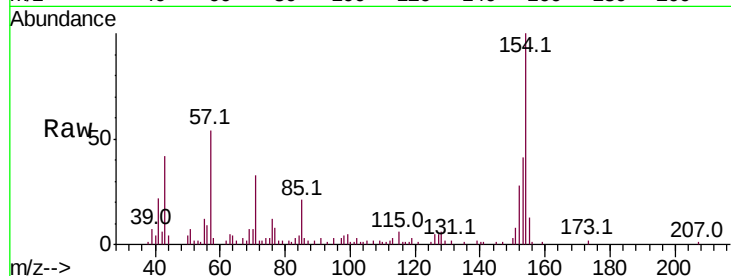




#41
 1,1'-Biphenyl
 Concen: 1.602 ng/ul
 RT: 13.23 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM023133.D
 Acq: 11 Oct 2019 17:08

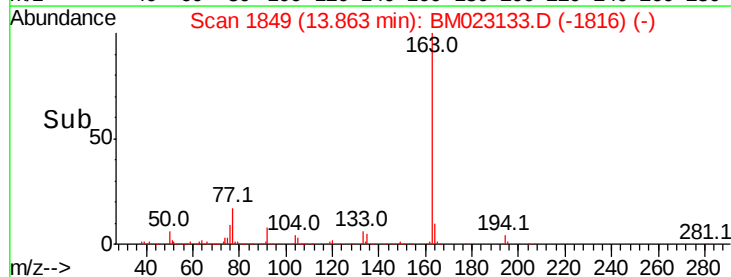
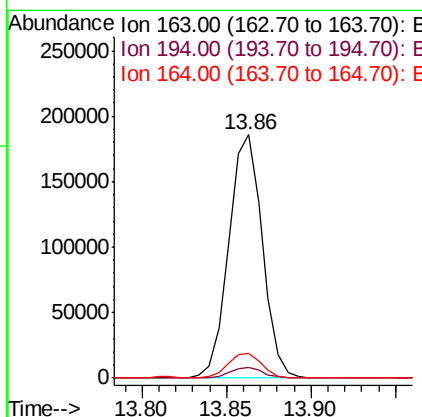
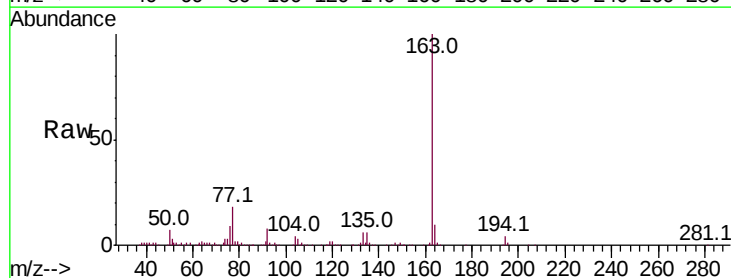
Instrument :
 BNA_M
 ClientSampleId :

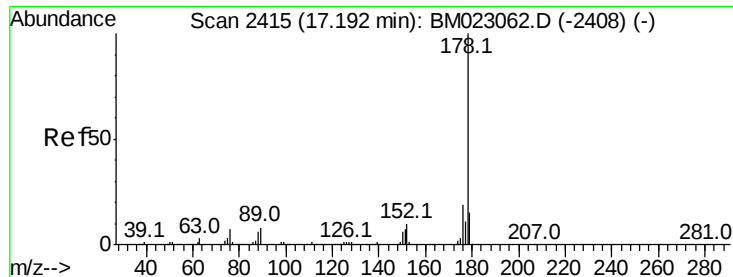
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	31.8	47.6
76	11.9	9.6	14.4



#45
 Dimethylphthalate
 Concen: 8.406 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BM023133.D
 Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1

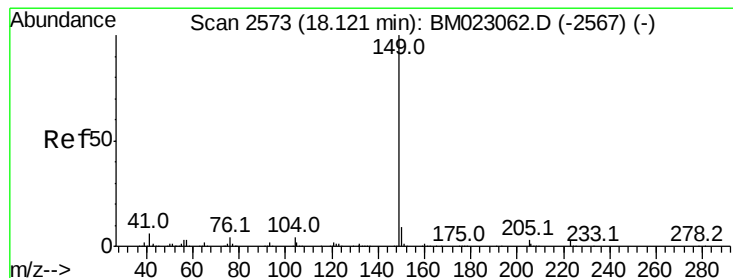
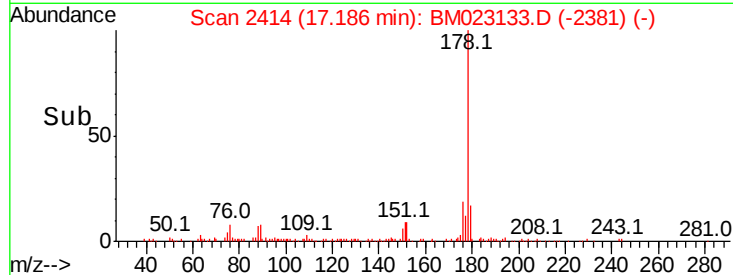
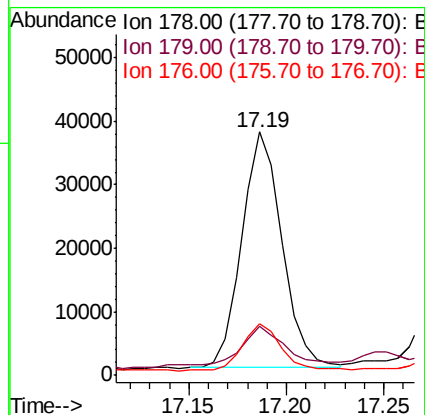
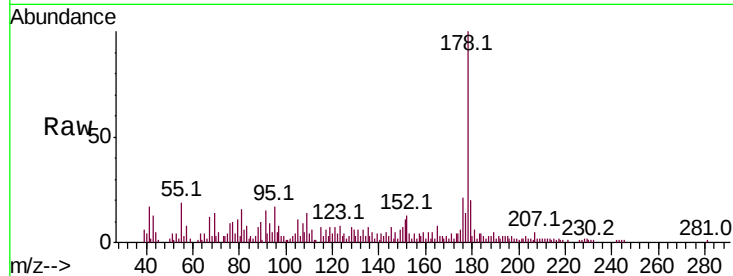




#70
 Phenanthrene
 Concen: 1.204 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM023133.D
 Acq: 11 Oct 2019 17:08

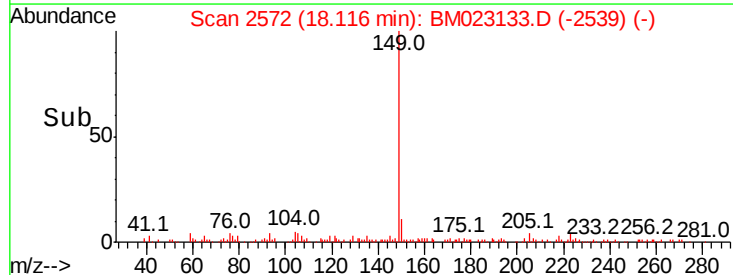
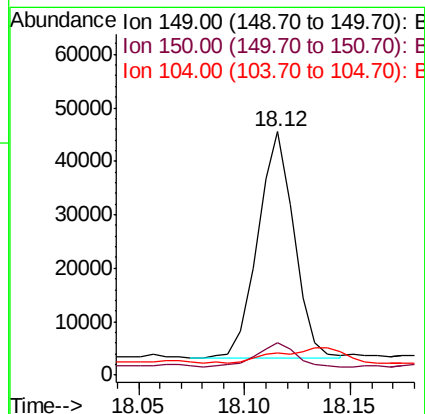
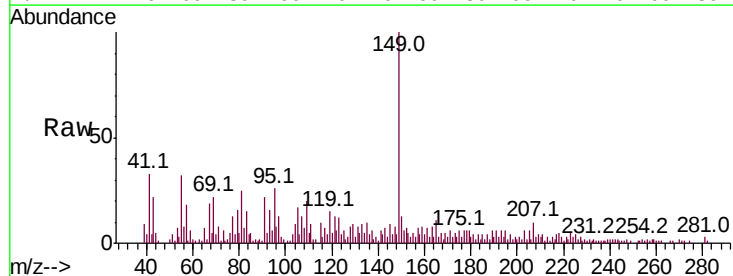
Instrument :
 BNA_M
 ClientSampled :

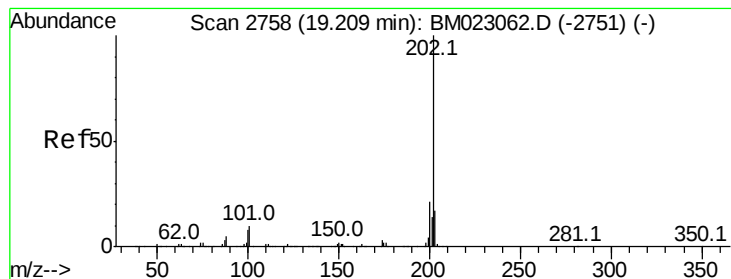
Tot Ion:178 Resp: 52773
 Ion Ratio Lower Upper
 178 100
 179 20.1 12.4 18.6#
 176 21.0 15.3 22.9



#76
 Di-n-butylphthalate
 Concen: 1.082 ng/ul
 RT: 18.12 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BM023133.D
 Acq: 11 Oct 2019 17:08

Tgt Ion:149 Resp: 50665
 Ion Ratio Lower Upper
 149 100
 150 13.2 7.4 11.0#
 104 9.0 3.7 5.5#





#77

Fluoranthene

Concen: 1.367 ng/ul

RT: 19.20 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM023133.D

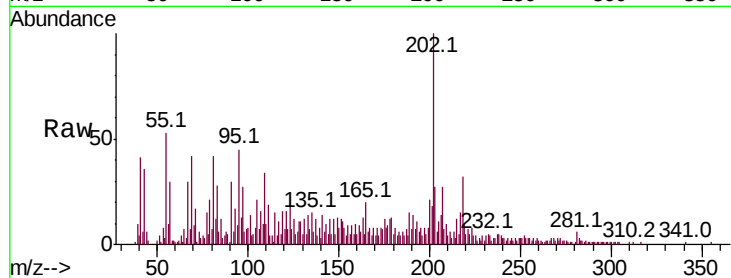
Acq: 11 Oct 2019 17:08

Instrument :

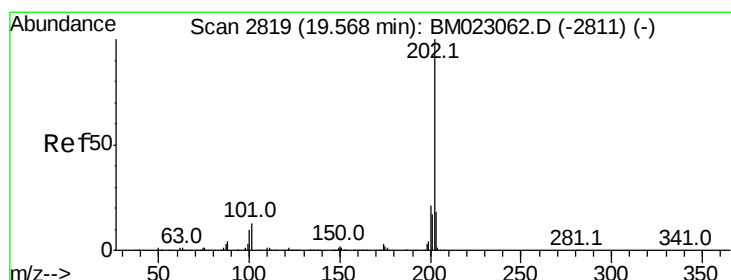
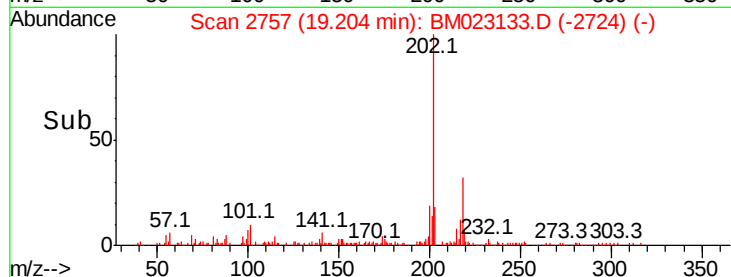
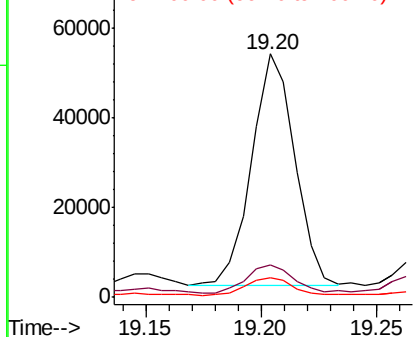
BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	67413
Ion Ratio	Lower	Upper	
202	100		
101	13.6	8.6	12.8#
100	8.3	6.4	9.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.379 ng/ul

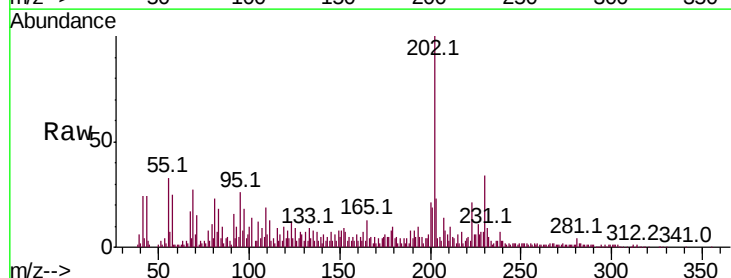
RT: 19.57 min Scan# 2819

Delta R.T. -0.01 min

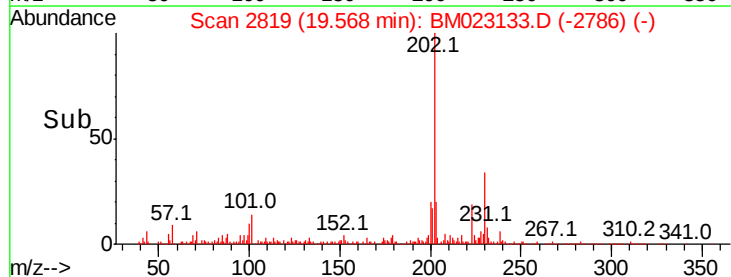
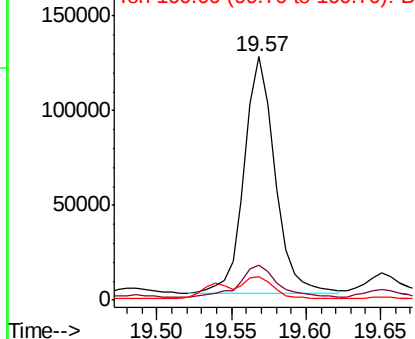
Lab File: BM023133.D

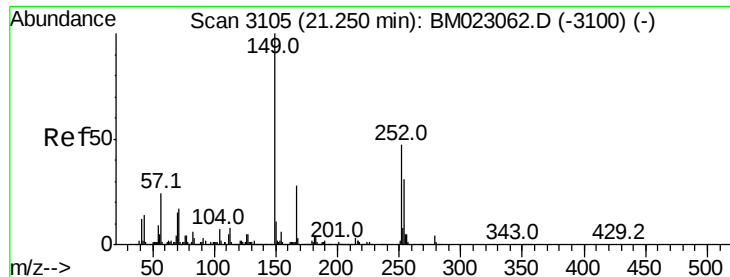
Acq: 11 Oct 2019 17:08

Tgt Ion:	202	Resp:	177852
Ion Ratio	Lower	Upper	
202	100		
101	14.4	9.7	14.5
100	9.8	7.8	11.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#84

Bis(2-ethylhexyl)phthalate

Concen: 36.264 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

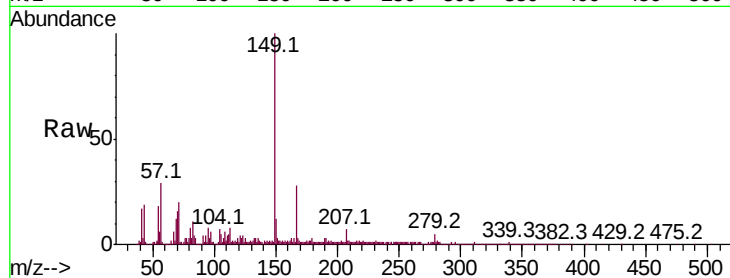
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 1115307

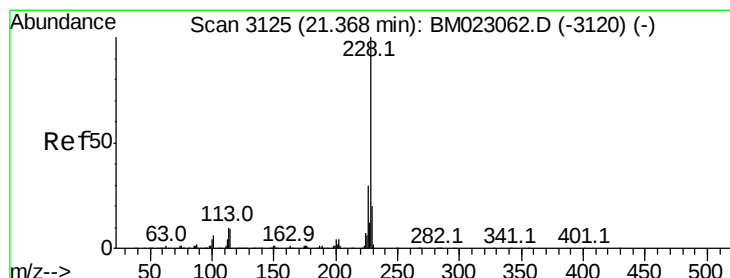
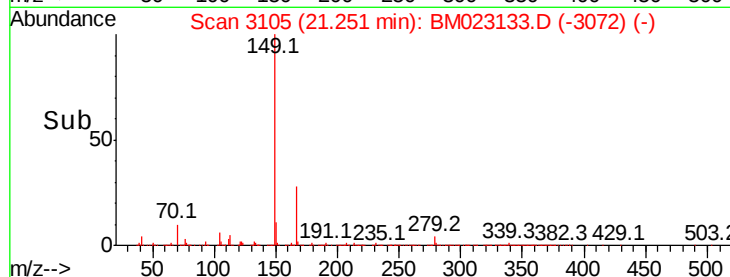
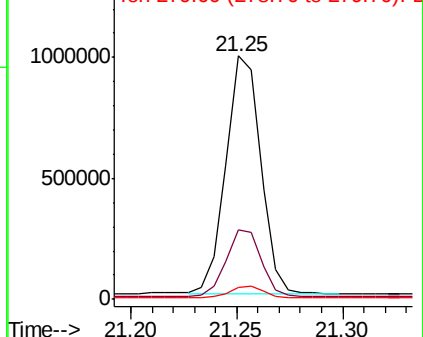
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.1	33.1
279	4.8	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.311 ng/ul

RT: 21.37 min Scan# 3125

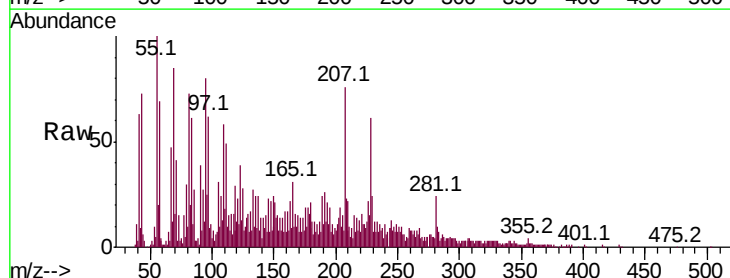
Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Tgt Ion:228 Resp: 64444

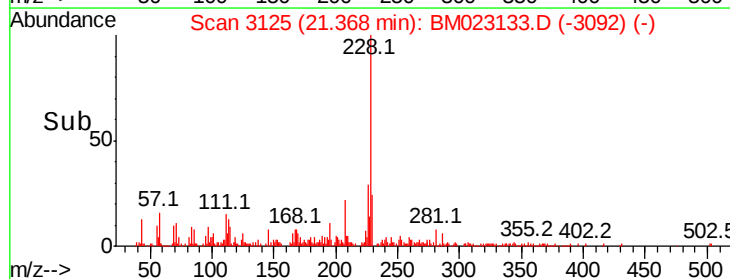
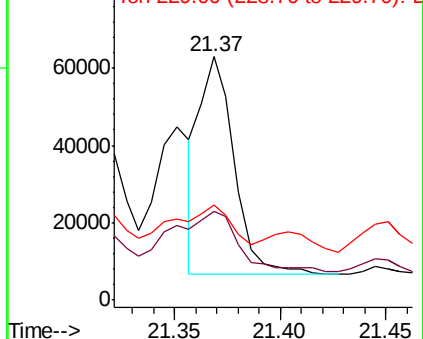
Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.2	36.4
229	39.1	15.9	23.9

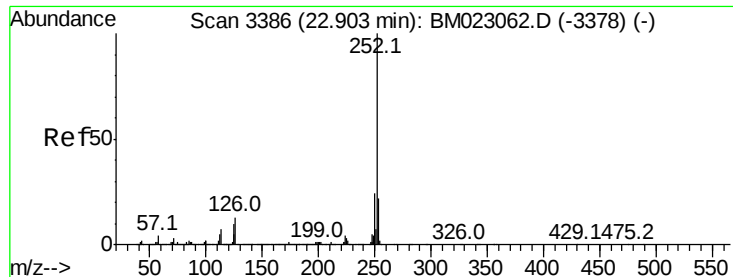


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.836 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

ClientSampleId :

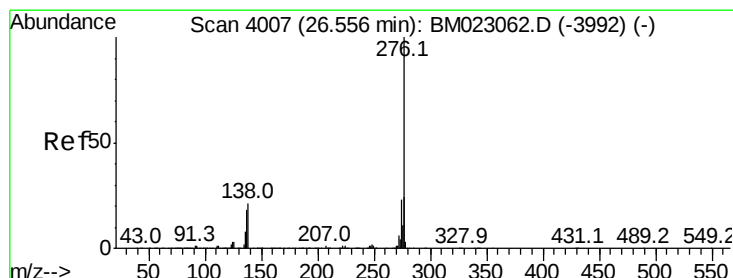
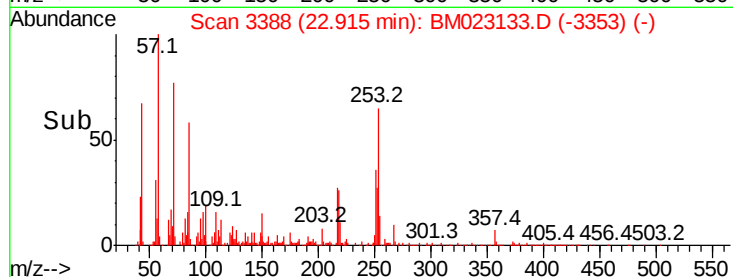
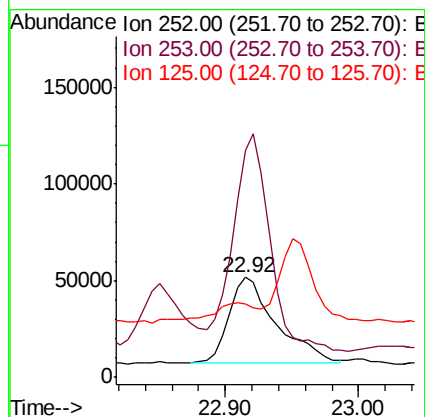
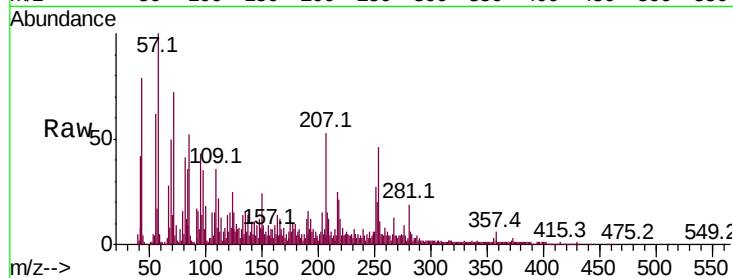
Tot Ion:252 Resp: 107407

Ion Ratio Lower Upper

252 100

253 226.8 17.7 26.5#

125 72.8 8.2 12.2#



#94

Benzo(g,h,i)perylene

Concen: 1.875 ng/ul

RT: 26.59 min Scan# 4012

Delta R.T. 0.02 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Tgt Ion:276 Resp: 88201

Ion Ratio Lower Upper

276 100

138 33.5 17.6 26.4#

277 36.1 19.1 28.7#

