

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
 Data File : BM021113.D
 Acq On : 23 Jun 2019 00:06
 Operator : HP/JU
 Sample : K3335-22RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41Y0

Quant Time: Jun 24 00:53:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 03:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	265595	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1128959	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	676215	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1399920	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1137701	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1299186	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18218	3.26	ng/uL	0.00
5) Phenol-d5	6.94	99	340783	14.74	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	254755	18.50	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	303843	16.17	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	260442	13.50	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	170259	18.57	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	188035	18.48	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	327544	15.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.71	131	377213	17.48	ng/ul	-0.01
43) Dimethylphthalate-d6	13.83	166	1191290	19.50	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1268045	16.95	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	97518	9.81	ng/ul	-0.01
57) Fluorene-d10	15.41	176	940980	17.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	108761	12.64	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1207033	16.59	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1286205	18.84	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1358230	17.72	ng/ul	-0.02

Target Compounds

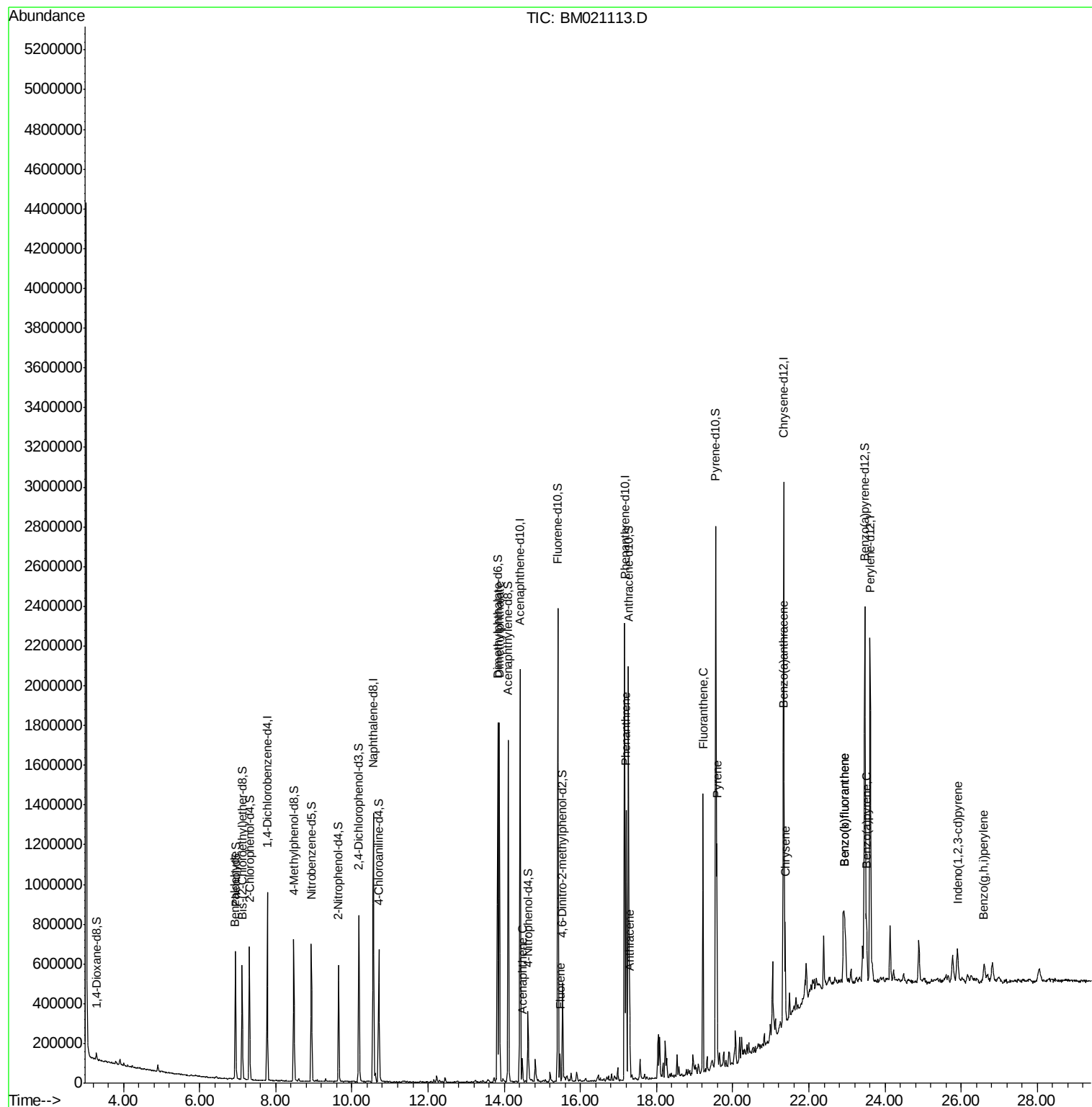
					Qvalue
4) Benzaldehyde	6.93	77	22508	2.136	ng/ul 94
44) Dimethylphthalate	13.87	163	1188769	21.373	ng/ul 99
49) Acenaphthene	14.47	153	49817	1.061	ng/ul 92
58) Fluorene	15.46	166	62750	1.155	ng/ul 96
69) Phenanthrene	17.20	178	790276	10.207	ng/ul 99
71) Anthracene	17.29	178	197740	2.506	ng/ul 100
76) Fluoranthene	19.22	202	830227	9.924	ng/ul 99
79) Pyrene	19.58	202	677771	8.427	ng/ul 99
82) Benzo(a)anthracene	21.32	228	328009	4.229	ng/ul 99
84) Chrysene	21.37	228	286179	3.940	ng/ul 97
87) Benzo(b)fluoranthene	22.93	252	314091	3.817	ng/ul 97
88) Benzo(k)fluoranthene	22.93	252	314091	3.967	ng/ul 97
90) Benzo(a)pyrene	23.51	252	229666	2.965	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.90	276	143211	1.570	ng/ul 97
93) Benzo(g,h,i)perylene	26.60	276	109182	1.453	ng/ul 96

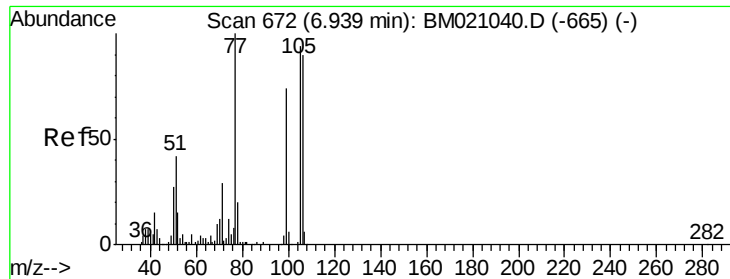
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.136 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

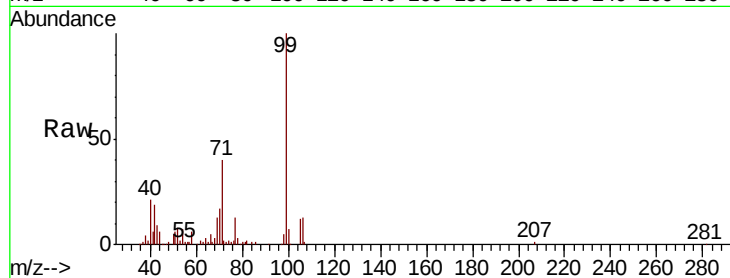
Tgt Ion: 77 Resp: 22508

Ion Ratio Lower Upper

77 100

105 91.1 78.1 117.1

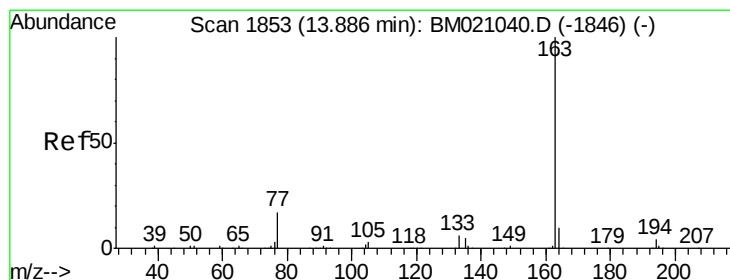
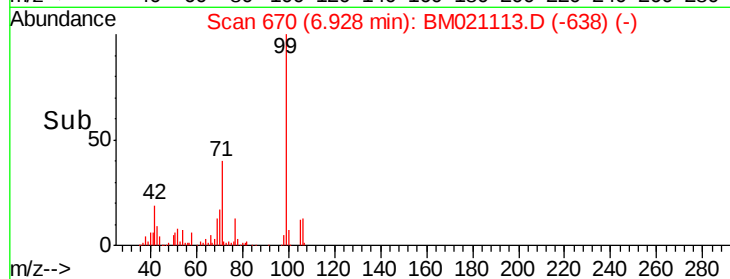
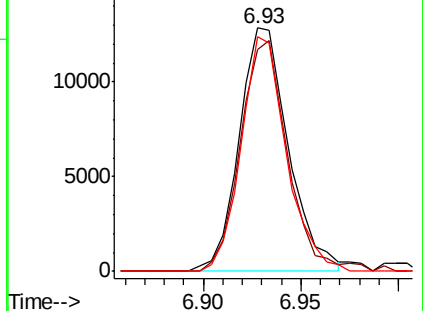
106 96.2 73.4 110.2



Abundance Ion 77.00 (76.70 to 77.70): BM021113.D (-638) (-)

Ion 105.00 (104.70 to 105.70): BM021113.D (-638) (-)

Ion 106.00 (105.70 to 106.70): BM021113.D (-638) (-)



#44

Dimethylphthalate

Concen: 21.373 ng/ul

RT: 13.87 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

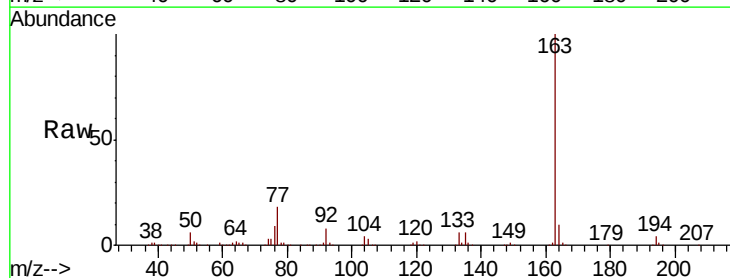
Tgt Ion: 163 Resp: 1188769

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

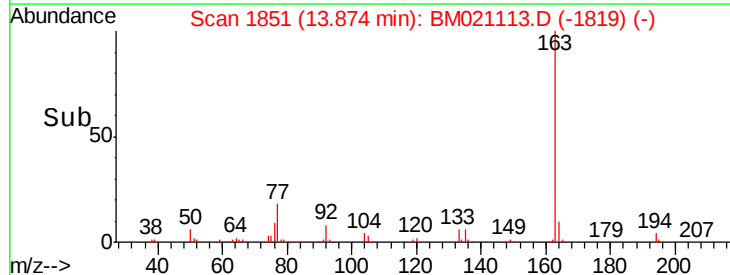
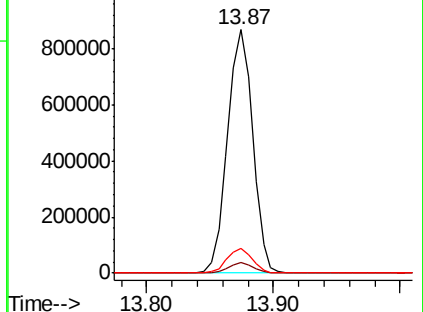
164 10.2 7.7 11.5

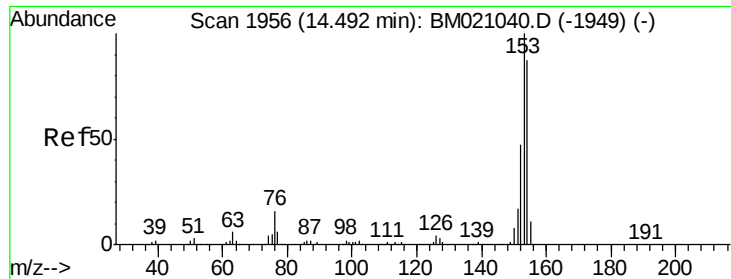


Abundance Ion 163.00 (162.70 to 163.70): BM021113.D (-1819) (-)

Ion 194.00 (193.70 to 194.70): BM021113.D (-1819) (-)

Ion 164.00 (163.70 to 164.70): BM021113.D (-1819) (-)





#49

Acenaphthene

Concen: 1.061 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

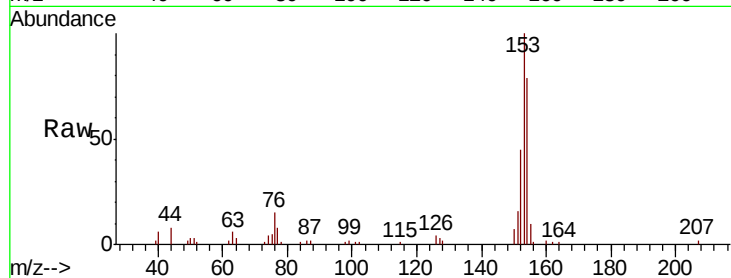
Tgt Ion:153 Resp: 49817

Ion Ratio Lower Upper

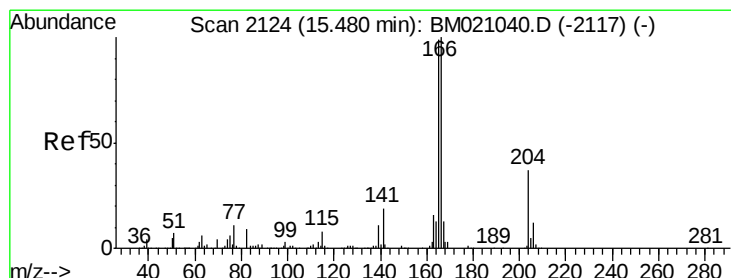
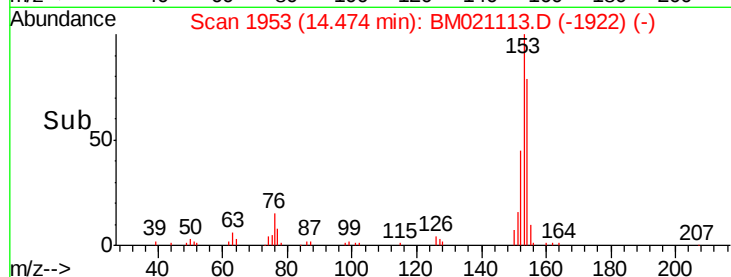
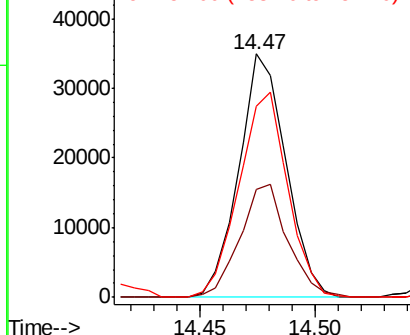
153 100

152 44.6 37.3 55.9

154 78.5 70.5 105.7



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



#58

Fluorene

Concen: 1.155 ng/ul

RT: 15.46 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

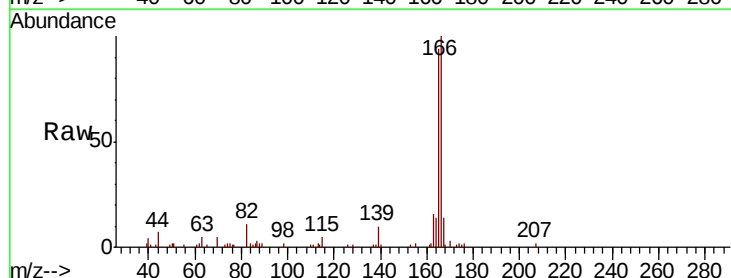
Tgt Ion:166 Resp: 62750

Ion Ratio Lower Upper

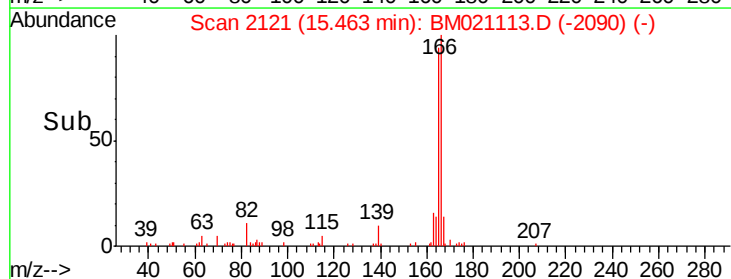
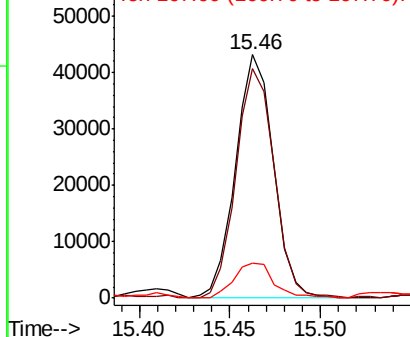
166 100

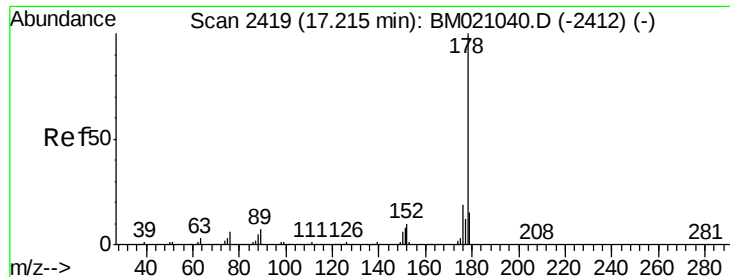
165 94.1 79.0 118.4

167 14.1 10.6 16.0



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: 10.207 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

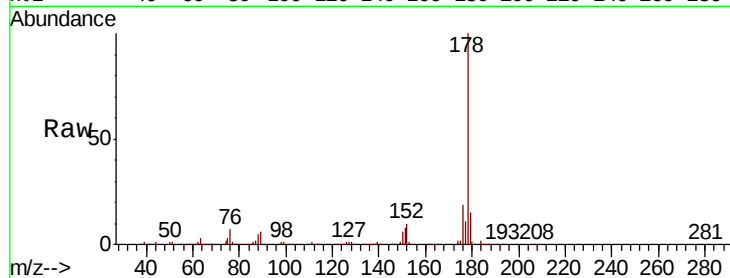
Tgt Ion:178 Resp: 790276

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

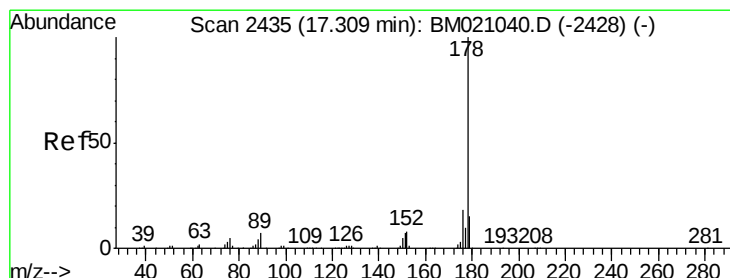
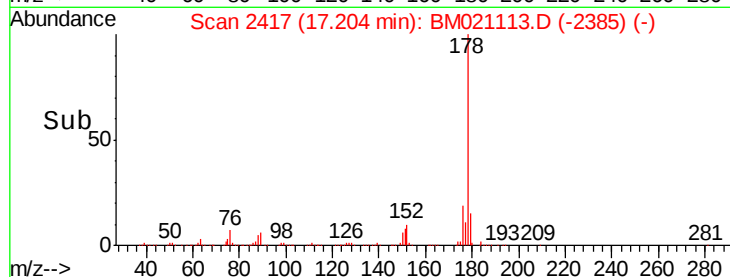
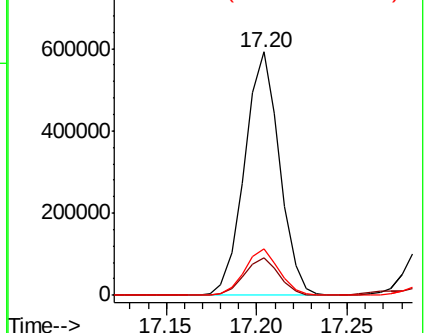
176 19.3 15.0 22.6



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



#71

Anthracene

Concen: 2.506 ng/ul

RT: 17.29 min Scan# 2432

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

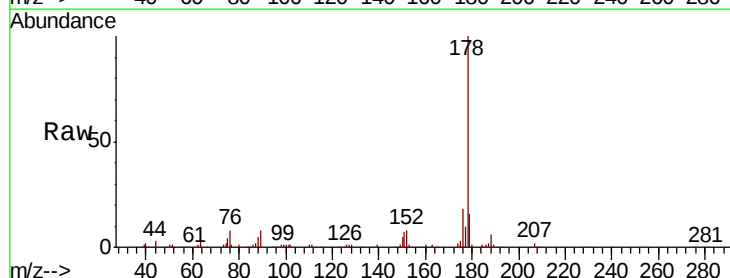
Tgt Ion:178 Resp: 197740

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

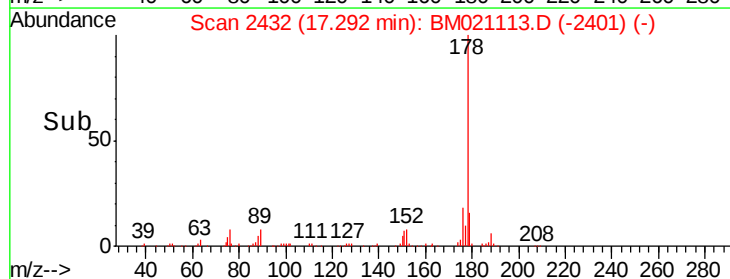
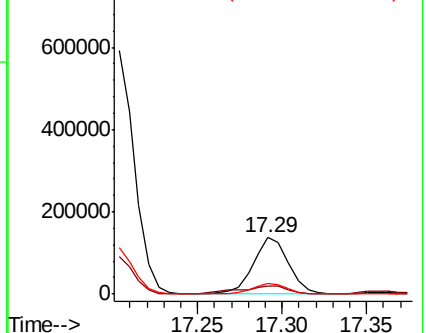
176 18.1 14.6 21.8

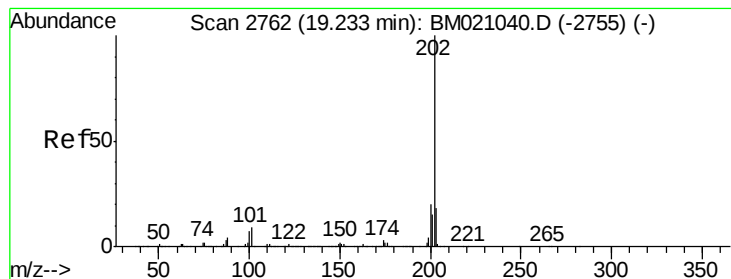


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 9.924 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

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ClientSampleId :

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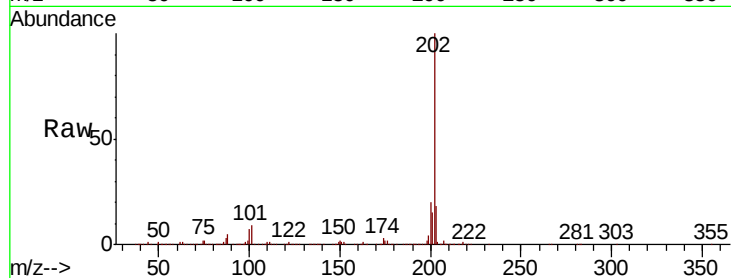
Tgt Ion:202 Resp: 830227

Ion Ratio Lower Upper

202 100

101 9.0 6.7 10.1

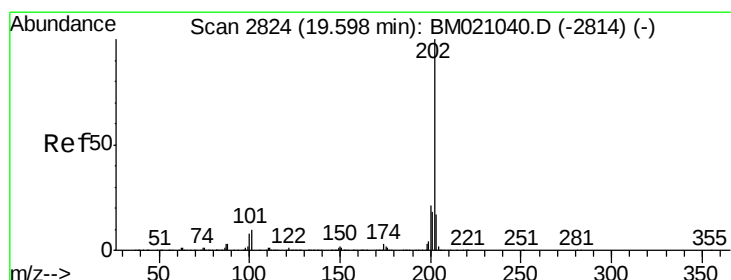
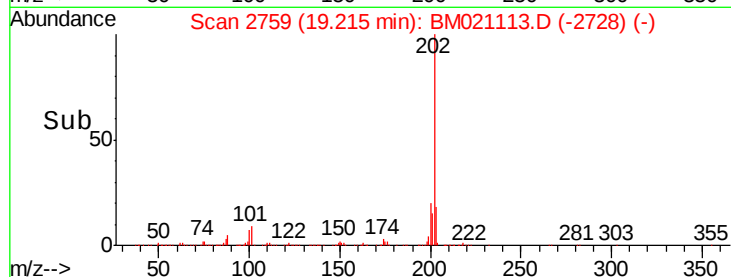
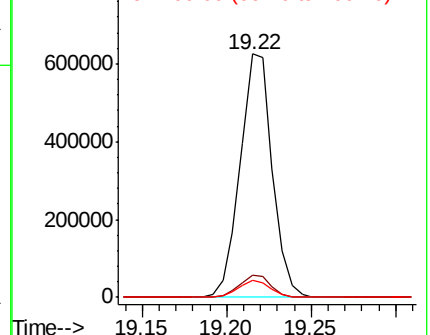
100 7.3 5.5 8.3



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



#79

Pyrene

Concen: 8.427 ng/ul

RT: 19.58 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

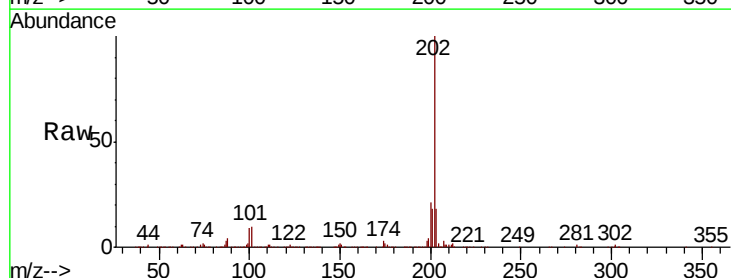
Tgt Ion:202 Resp: 677771

Ion Ratio Lower Upper

202 100

101 10.3 8.1 12.1

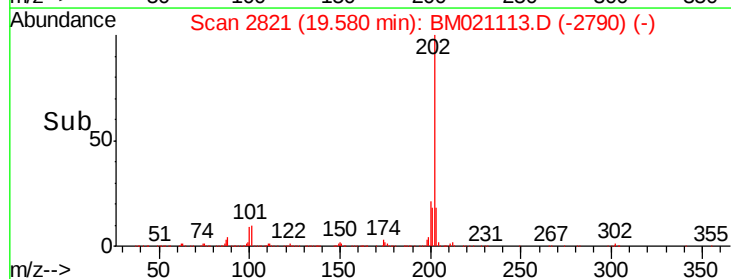
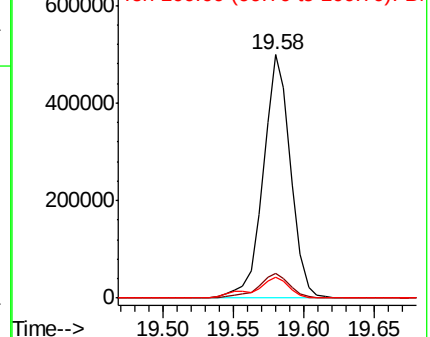
100 8.6 6.6 10.0

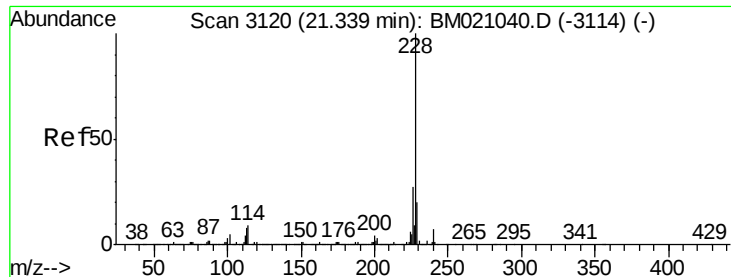


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

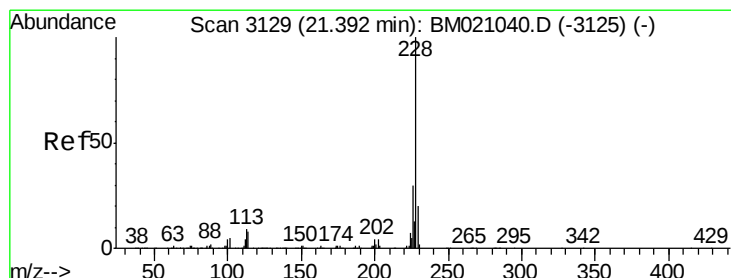
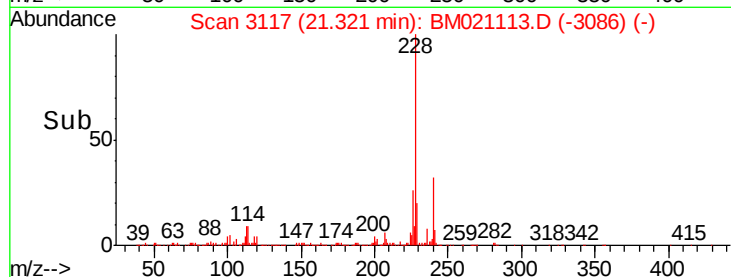
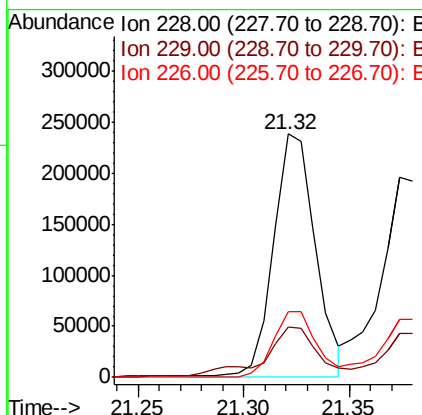
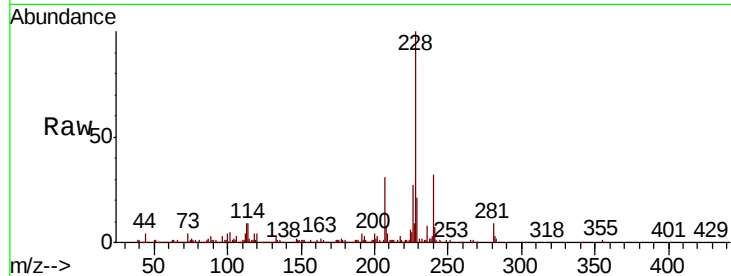




#82
Benzo(a)anthracene
Concen: 4.229 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

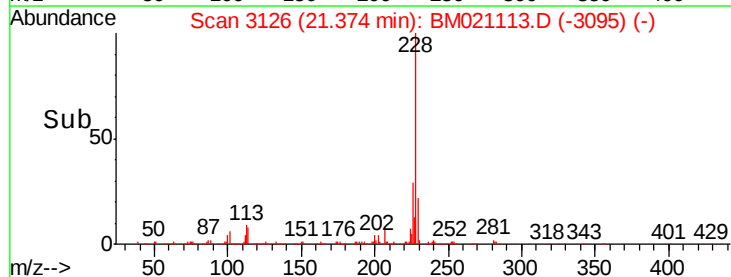
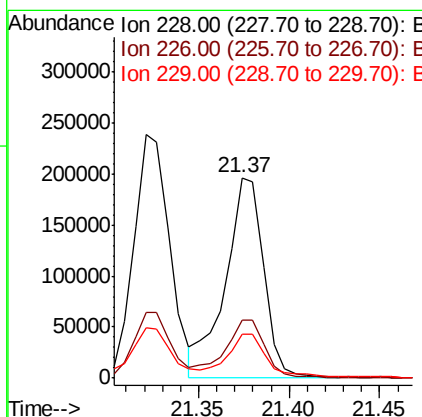
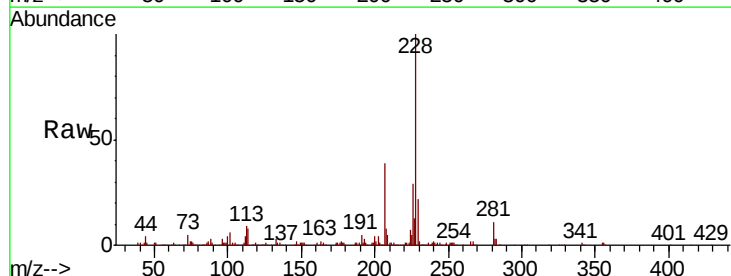
Instrument :
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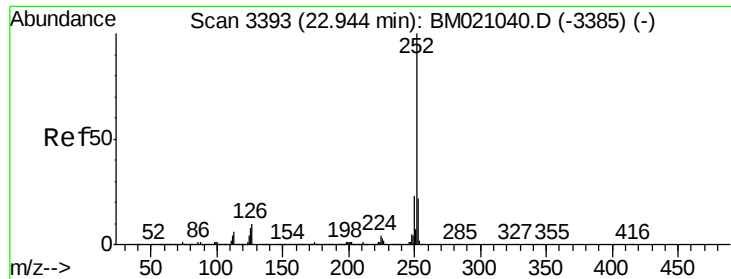
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	26.8	21.4	32.2



#84
Chrysene
Concen: 3.940 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.9	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 3.817 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

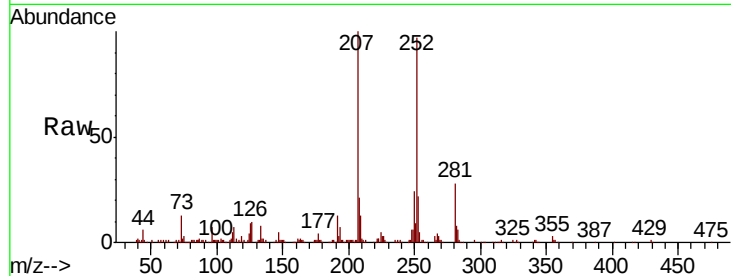
Tgt Ion:252 Resp: 314091

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

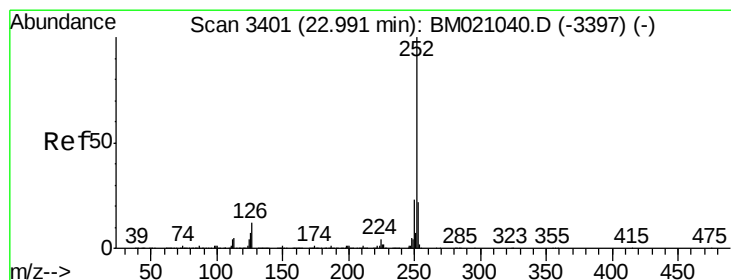
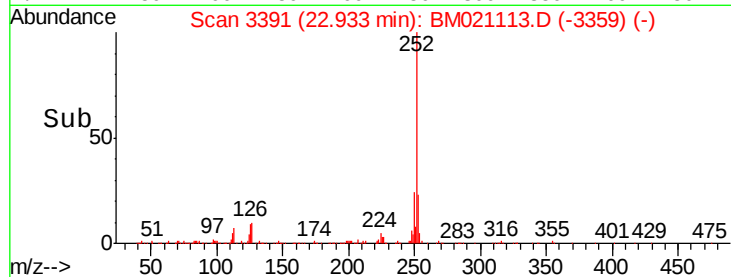
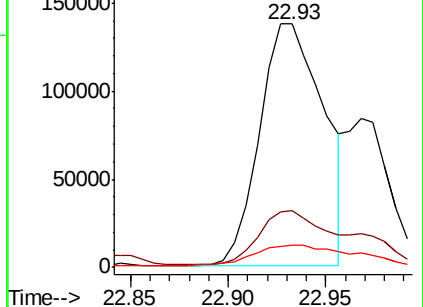
125 9.2 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.967 ng/ul

RT: 22.93 min Scan# 3391

Delta R.T. -0.06 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

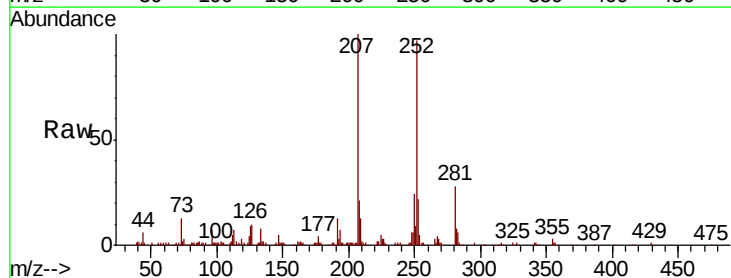
Tgt Ion:252 Resp: 314091

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

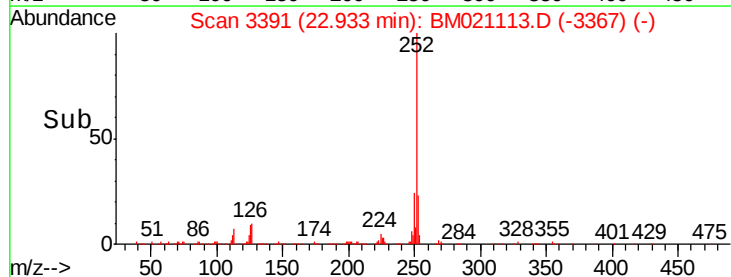
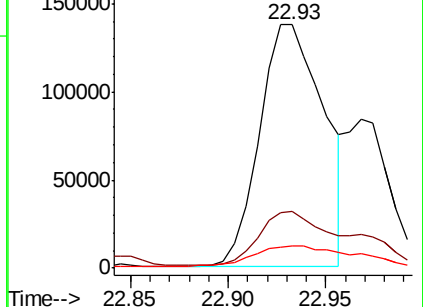
125 9.2 6.6 9.8

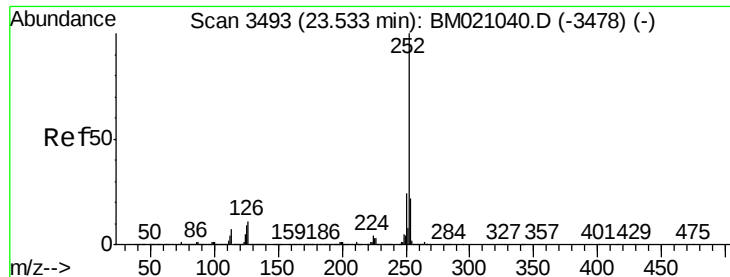


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.965 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

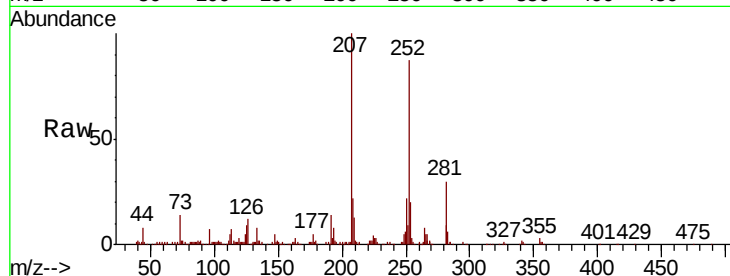
Tgt Ion:252 Resp: 229666

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.5 7.2 10.8

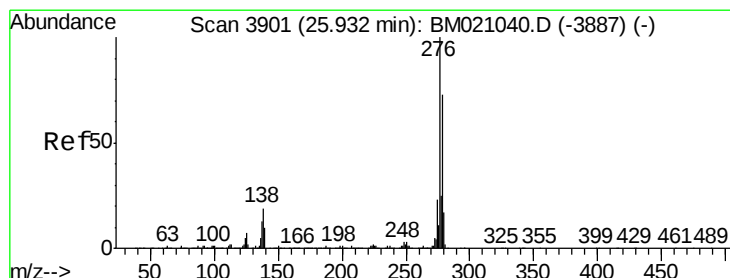
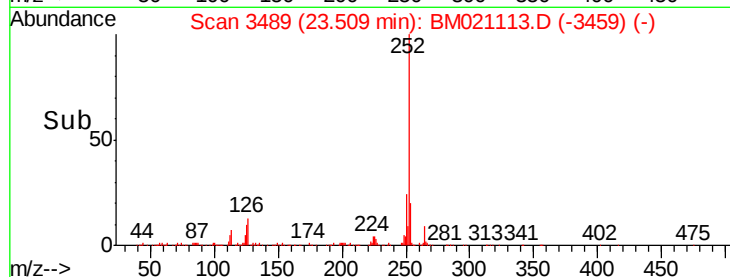
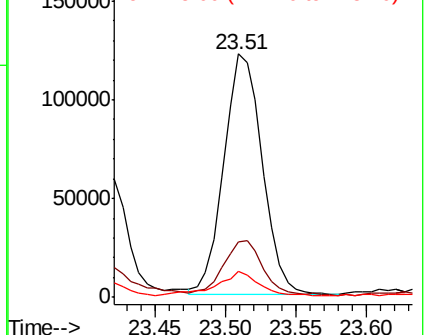


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.570 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. -0.03 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

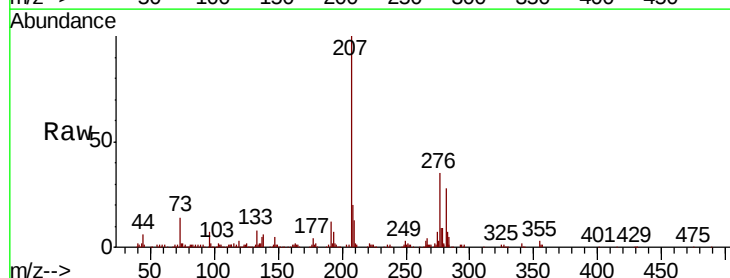
Tgt Ion:276 Resp: 143211

Ion Ratio Lower Upper

276 100

138 17.8 15.9 23.9

277 25.0 20.4 30.6

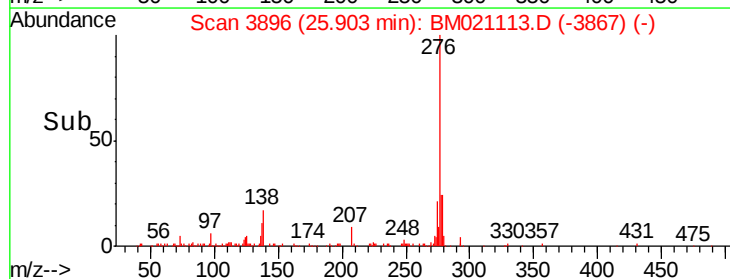
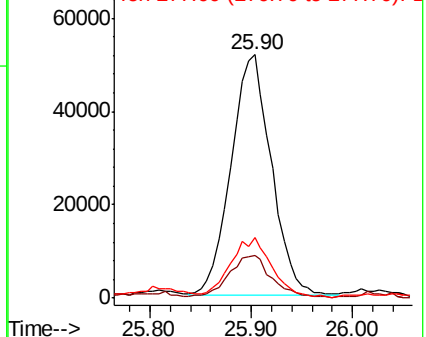


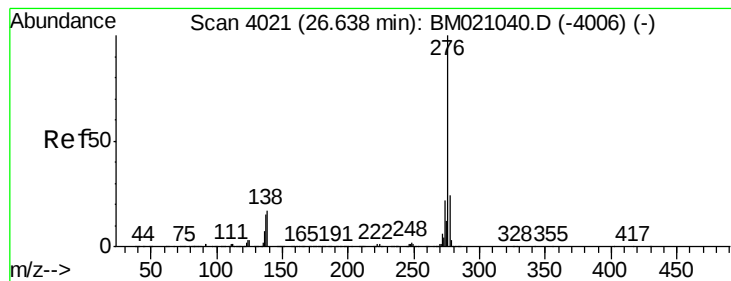
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.453 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.04 min

Lab File: BM021113.D

Acq: 23 Jun 2019 00:06

Instrument :

BNA_M

ClientSampleId :

A41Y0

Tgt Ion: 276 Resp: 109182

Ion Ratio Lower Upper

276 100

138 17.3 14.6 21.8

277 20.8 18.9 28.3

