

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027078.D
 Acq On : 14 Aug 2020 02:43
 Operator : JU/CG
 Sample : L3630-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML6

Quant Time: Aug 14 03:19:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 03:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	130944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	491438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	303409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	633692	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	667689	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	672425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12319	4.28	ng/uL	0.00
5) Phenol-d5	6.82	99	297765	29.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	193211	27.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	227721	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	226605	28.55	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	108639	27.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120244	29.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	243691	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	280313	28.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	733868	30.33	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	898587	31.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	107558	26.33	ng/ul	0.00
58) Fluorene-d10	15.27	176	620238	29.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	72288	20.88	ng/ul	0.00
71) Anthracene-d10	17.12	188	940893	30.14	ng/ul	0.00
79) Pyrene-d10	19.42	212	1077339	32.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1201988	32.02	ng/ul	0.00

Target Compounds

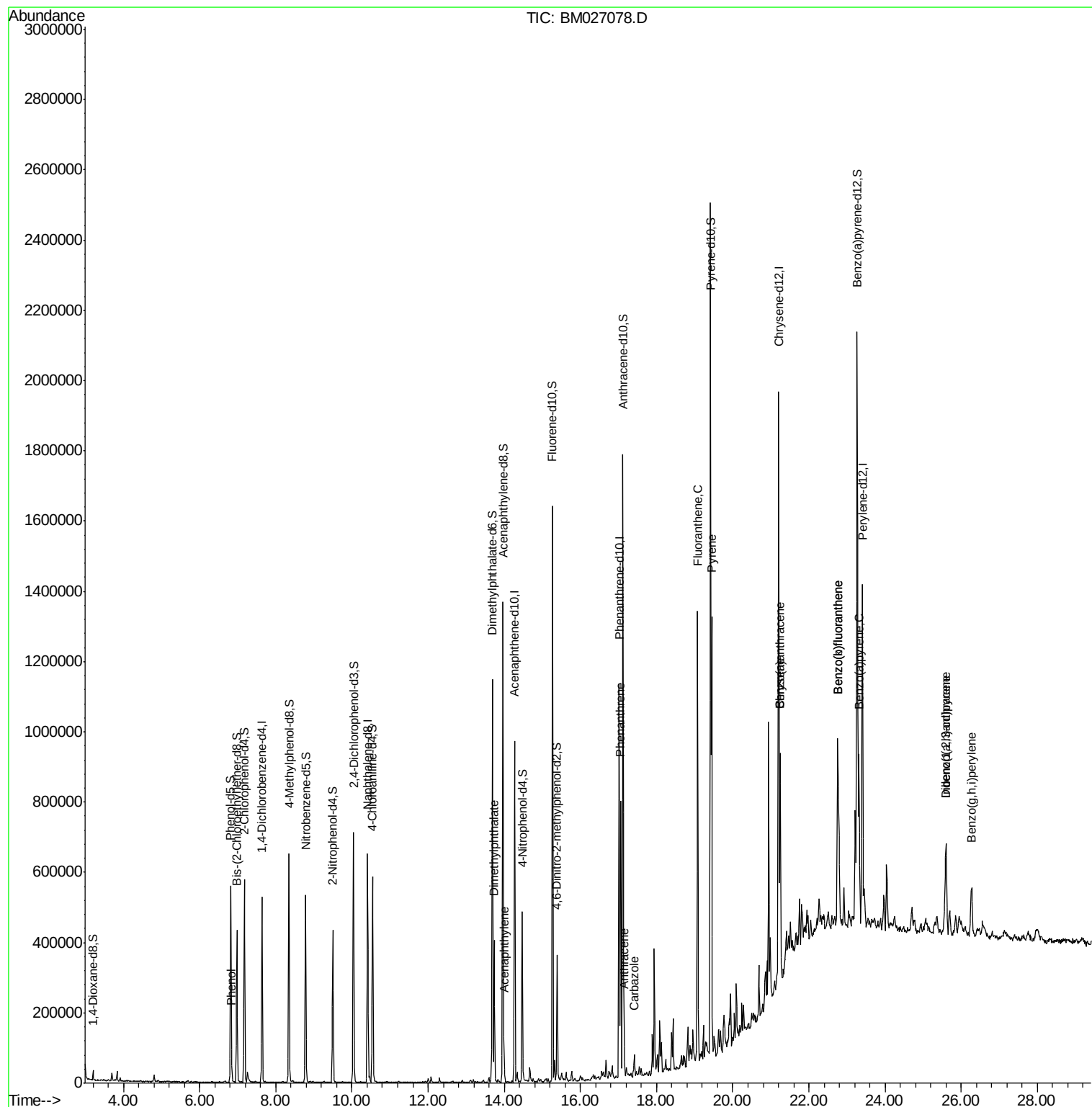
					Ovalue
6) Phenol	6.85	94	11583	1.079	ng/ul 98
45) Dimethylphthalate	13.73	163	235890	9.303	ng/ul 99
48) Acenaphthylene	13.99	152	49732	1.697	ng/ul 96
70) Phenanthrene	17.06	178	464787	12.234	ng/ul 100
72) Anthracene	17.15	178	69158	1.789	ng/ul 99
75) Carbazole	17.42	167	36856	1.130	ng/ul 98
77) Fluoranthene	19.08	202	738046	16.021	ng/ul 99
80) Pyrene	19.44	202	710930	15.687	ng/ul 99
83) Benzo(a)anthracene	21.24	228	355424	7.907	ng/ul 95
85) Chrysene	21.24	228	356595	8.082	ng/ul 98
88) Benzo(b)fluoranthene	22.76	252	495713	10.616	ng/ul 99
89) Benzo(k)fluoranthene	22.76	252	495713	10.712	ng/ul# 99
91) Benzo(a)pyrene	23.31	252	324968	7.647	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.60	276	236911	4.327	ng/ul 99
93) Dibenzo(a,h)anthracene	25.60	278	61333	1.322	ng/ul# 81
94) Benzo(g,h,i)perylene	26.27	276	175558	3.882	ng/ul 97

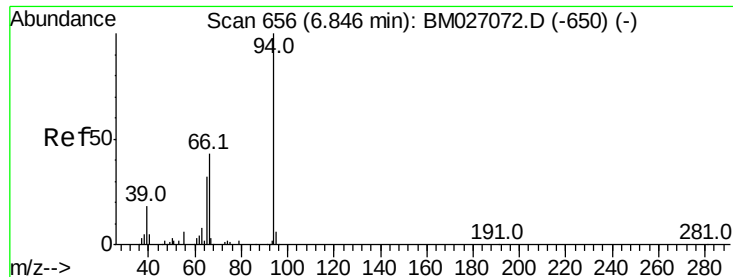
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.079 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

BNA_M

ClientSampleId :

BFML6

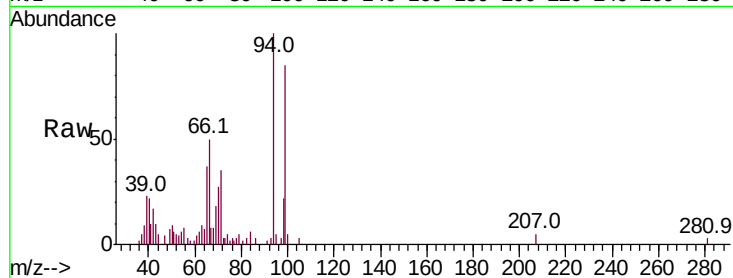
Tot Ion: 94 Resp: 11583

Ion Ratio Lower Upper

94 100

65 36.6 28.6 43.0

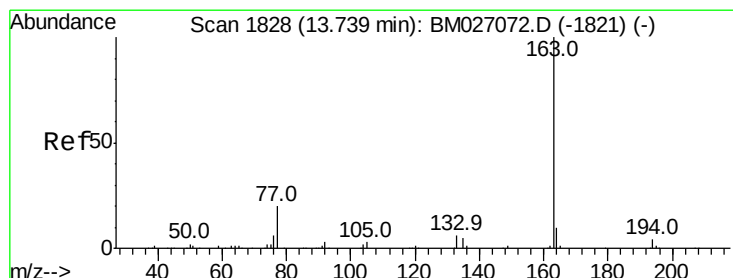
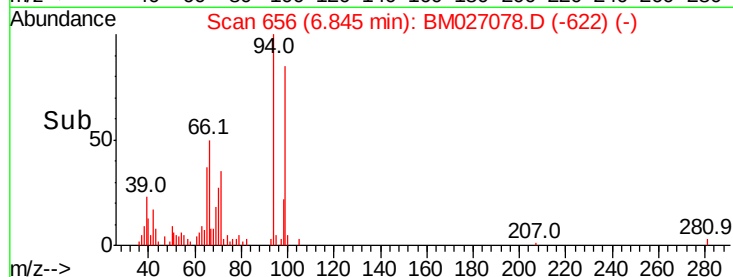
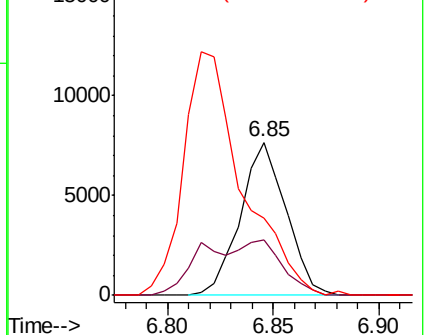
66 50.4 41.3 61.9



Abundance Ion 94.00 (93.70 to 94.70): BM027072.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM027072.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM027072.D (-650) (-)



#45

Dimethylphthalate

Concen: 9.303 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

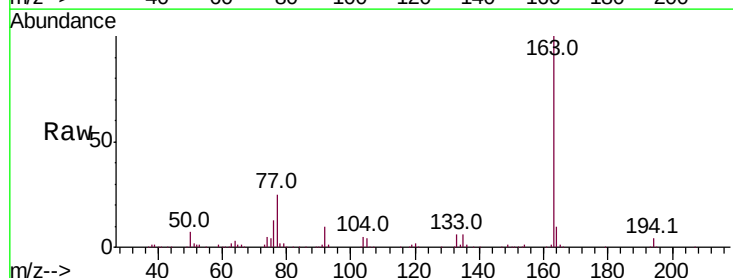
Tgt Ion:163 Resp: 235890

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

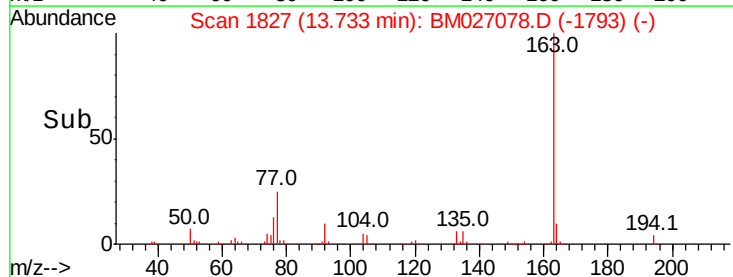
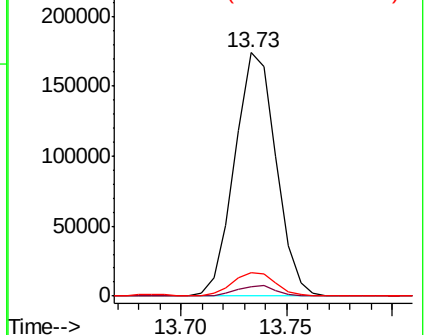
164 9.9 8.2 12.2

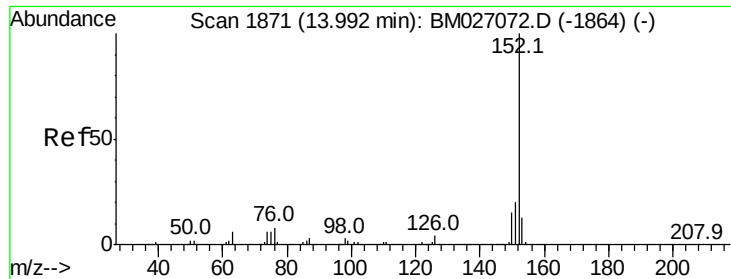


Abundance Ion 163.00 (162.70 to 163.70): BM027072.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM027072.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM027072.D (-1821) (-)





#48

Acenaphthylene

Concen: 1.697 ng/ul

RT: 13.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

BNA_M

ClientSampleId :

BFML6

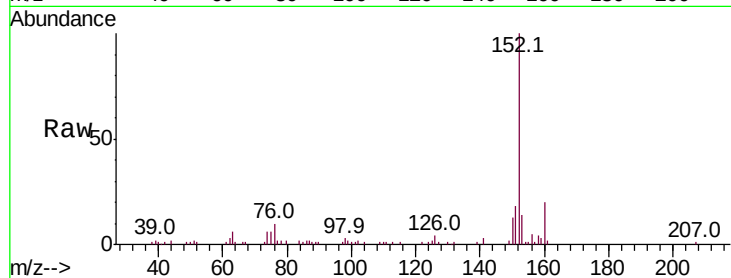
Tot Ion:152 Resp: 49732

Ion Ratio Lower Upper

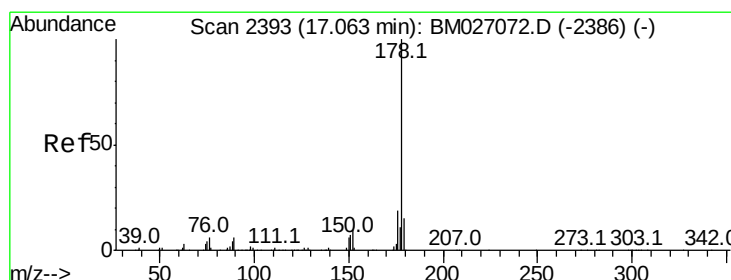
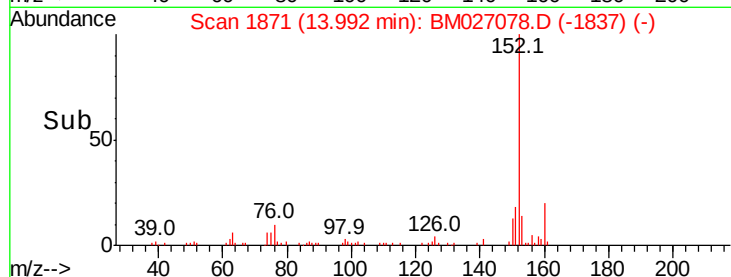
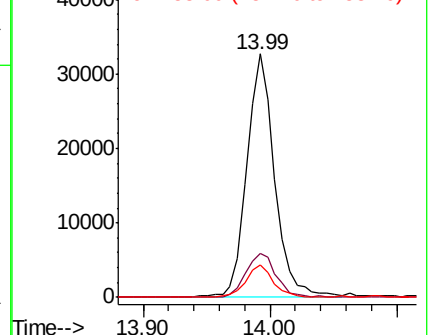
152 100

151 17.8 15.9 23.9

153 13.5 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 12.234 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

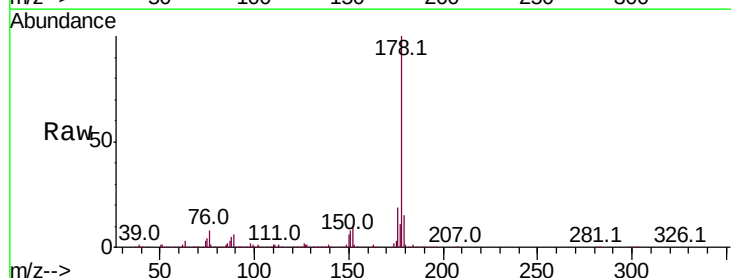
Tgt Ion:178 Resp: 464787

Ion Ratio Lower Upper

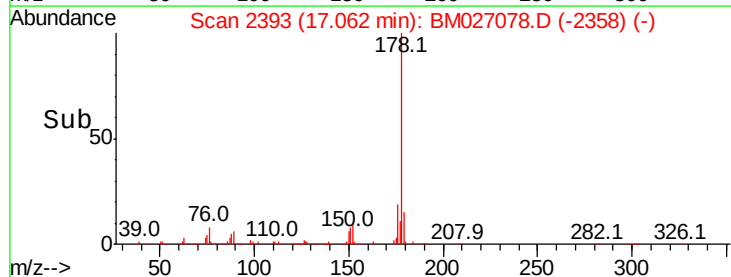
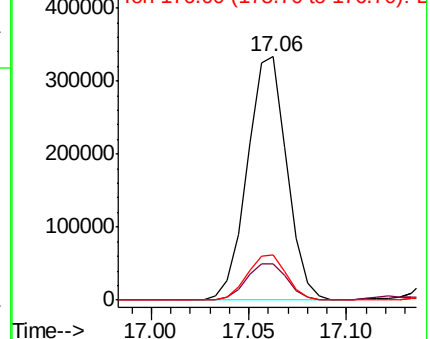
178 100

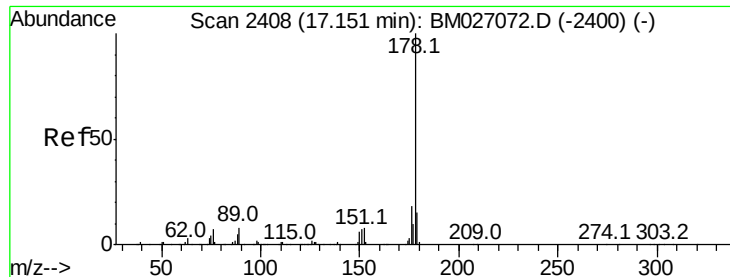
179 14.9 11.9 17.9

176 18.5 14.6 22.0



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: 1.789 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

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BFML6

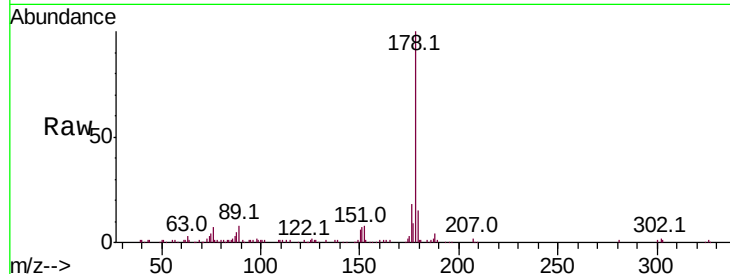
Tot Ion:178 Resp: 69158

Ion Ratio Lower Upper

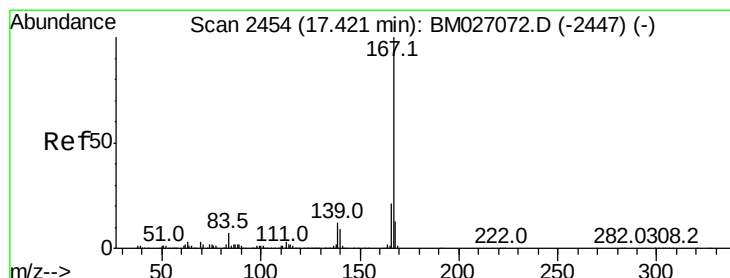
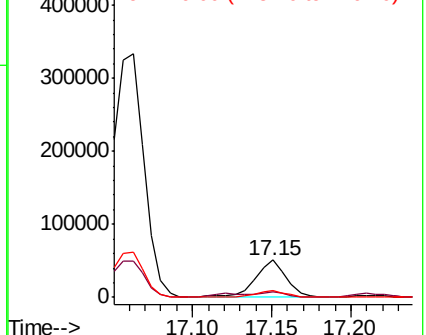
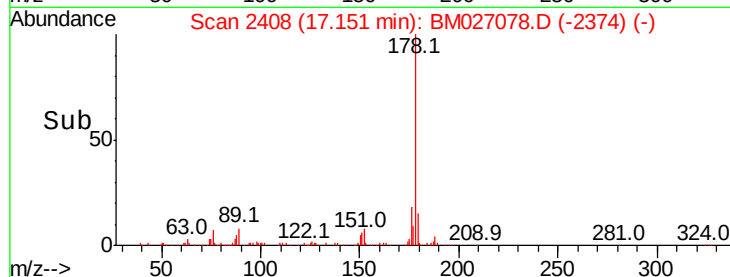
178 100

179 14.8 12.0 18.0

176 18.2 14.3 21.5



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



#75

Carbazole

Concen: 1.130 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

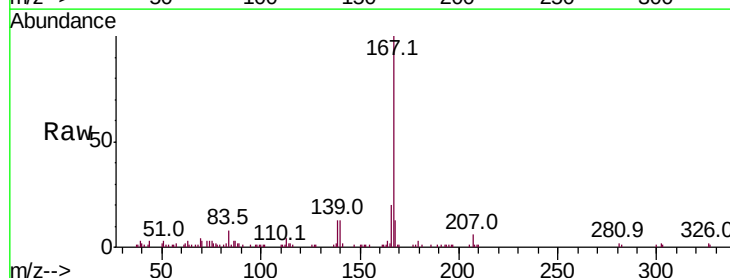
Tgt Ion:167 Resp: 36856

Ion Ratio Lower Upper

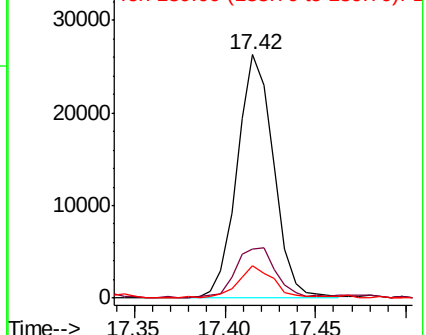
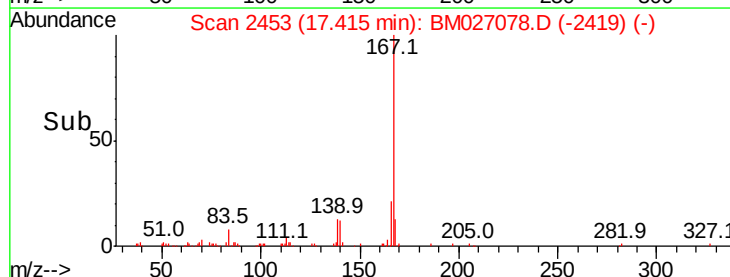
167 100

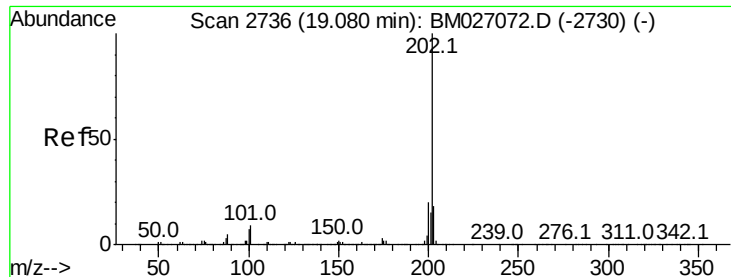
166 20.3 17.0 25.6

139 13.4 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 16.021 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

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ClientSampleId :

BFML6

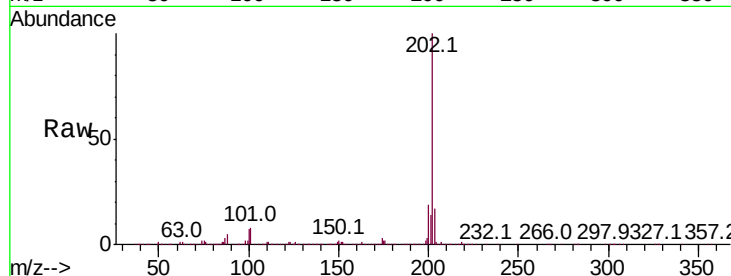
Tot Ion:202 Resp: 738046

Ion Ratio Lower Upper

202 100

101 8.4 6.7 10.1

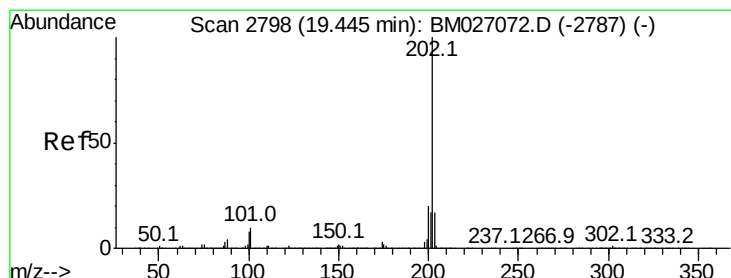
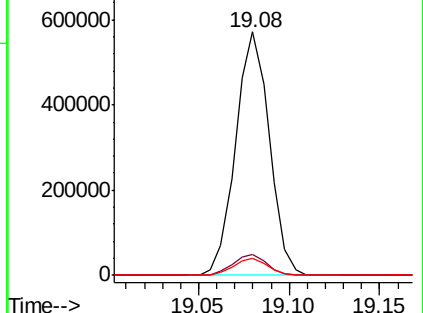
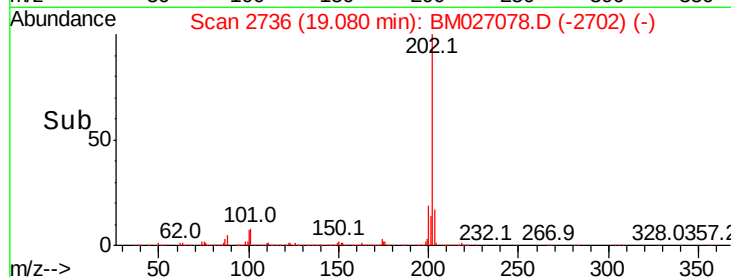
100 7.1 5.4 8.2



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: 15.687 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

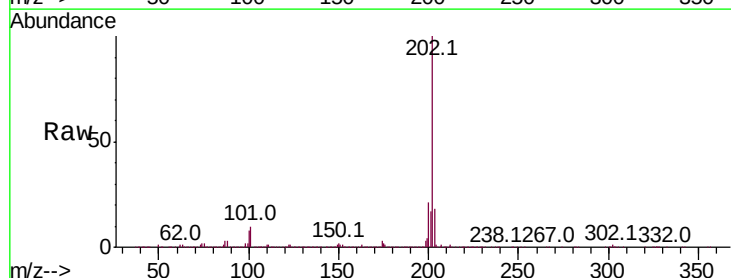
Tgt Ion:202 Resp: 710930

Ion Ratio Lower Upper

202 100

101 10.1 7.6 11.4

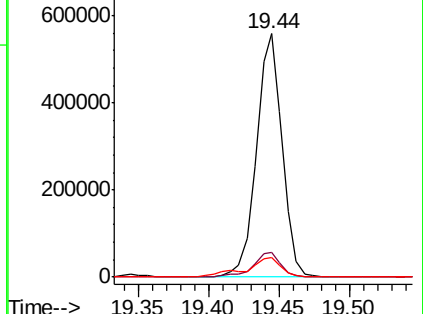
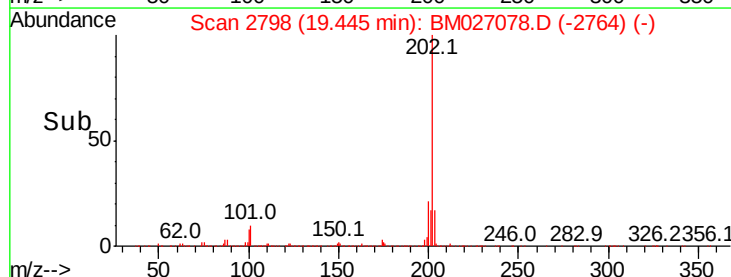
100 8.0 6.3 9.5

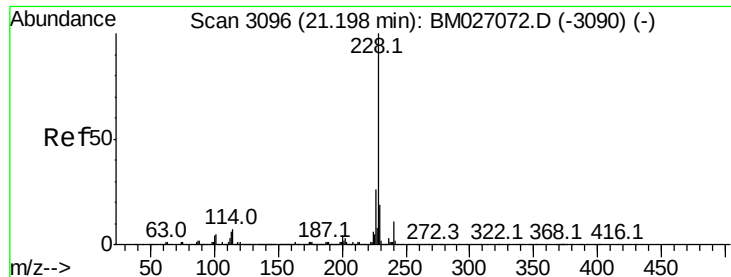


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 7.907 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.05 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

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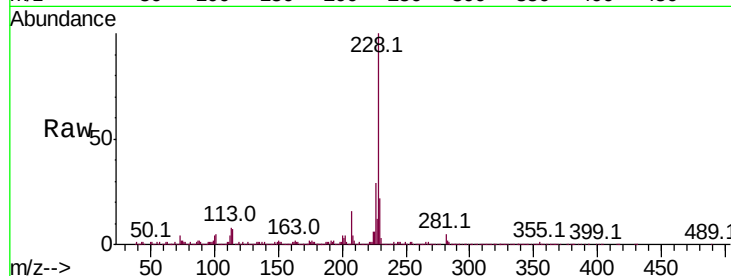
Tot Ion:228 Resp: 355424

Ion Ratio Lower Upper

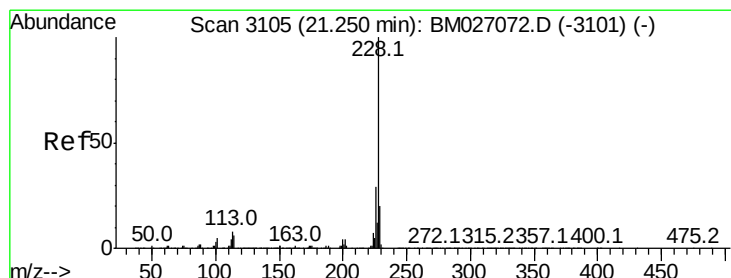
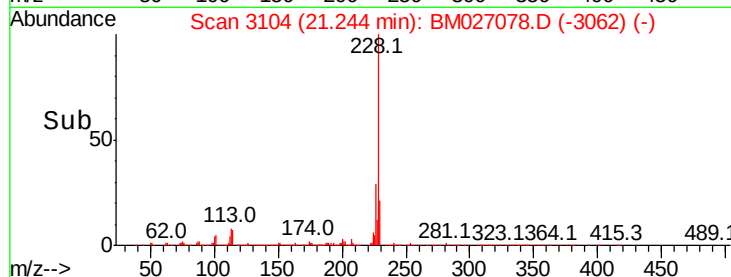
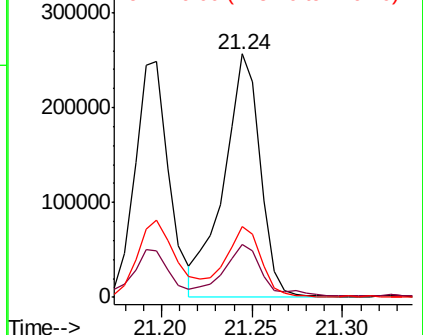
228 100

229 21.7 15.8 23.6

226 29.2 21.2 31.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 8.082 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

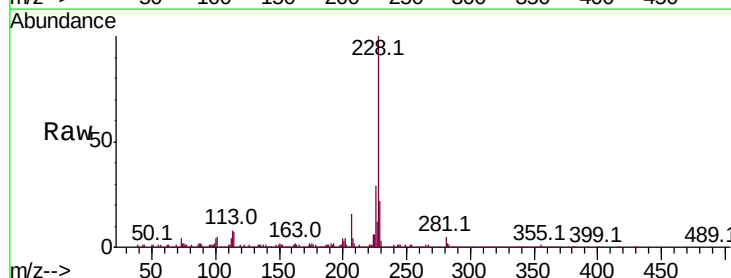
Tgt Ion:228 Resp: 356595

Ion Ratio Lower Upper

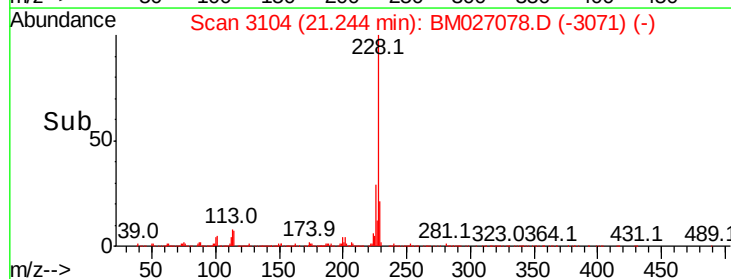
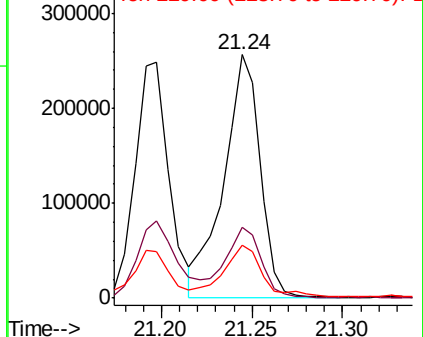
228 100

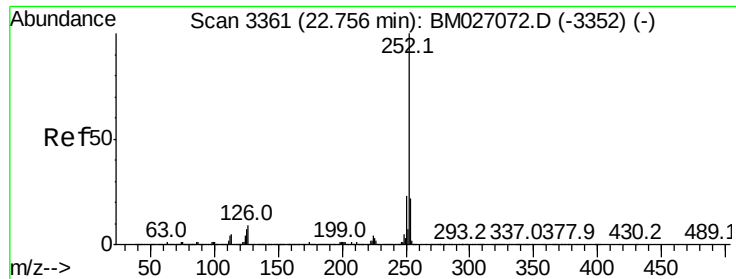
226 29.2 23.8 35.6

229 21.7 15.8 23.8



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: 10.616 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM027078.D

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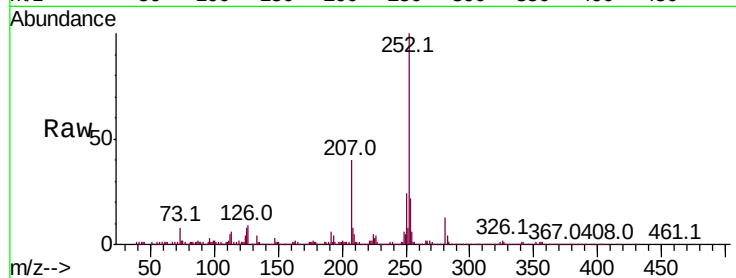
Tot Ion:252 Resp: 495713

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

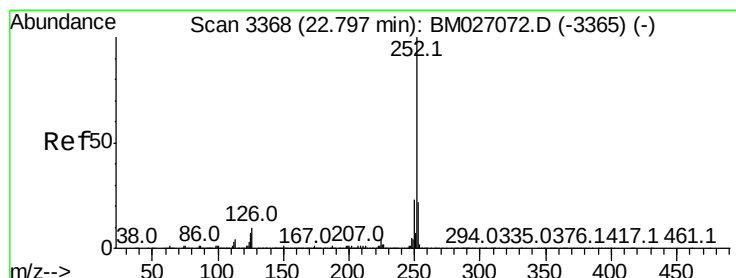
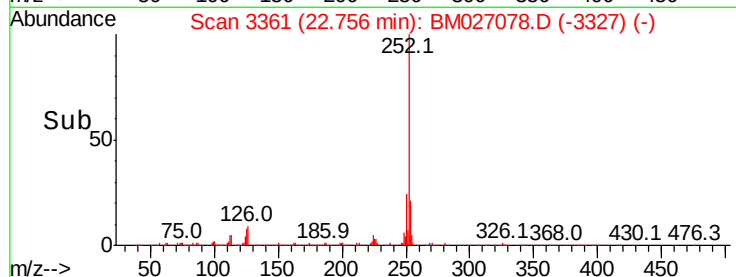
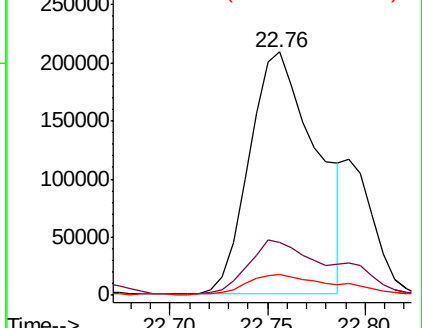
125 8.5 6.0 9.0



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



#89

Benzo(k)fluoranthene

Concen: 10.712 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

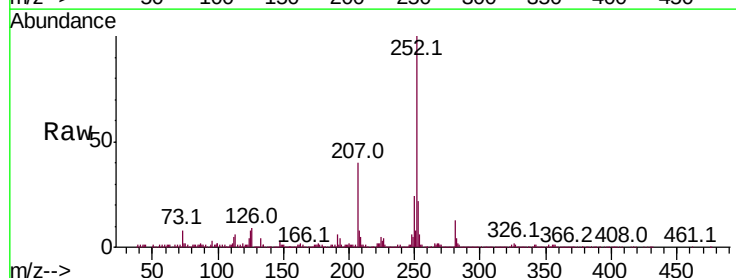
Tgt Ion:252 Resp: 495713

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

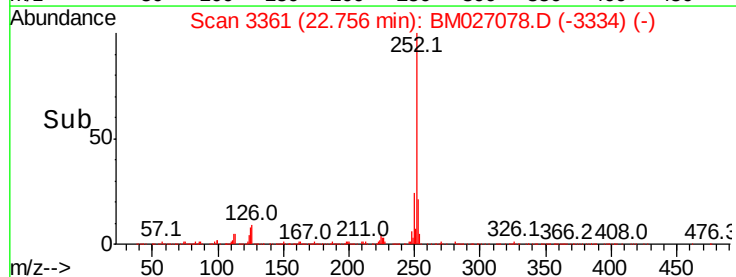
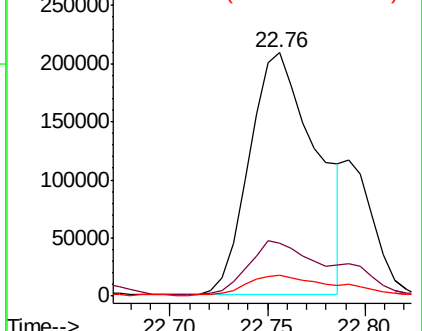
125 8.5 5.5 8.3#

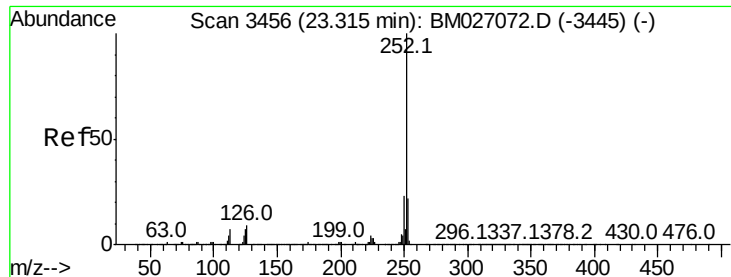


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.647 ng/ul

RT: 23.31 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

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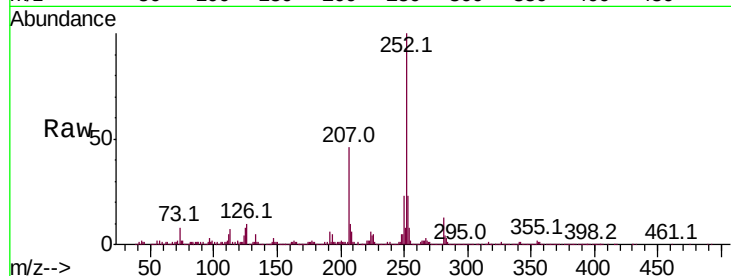
Tot Ion:252 Resp: 324968

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

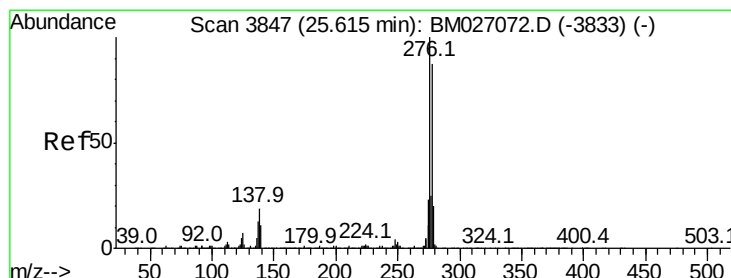
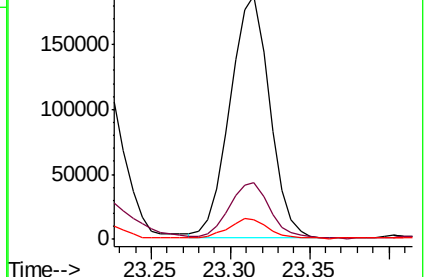
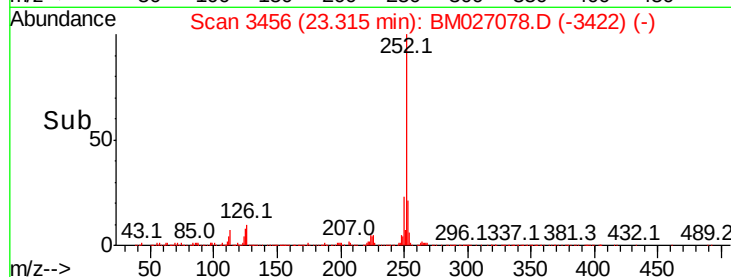
125 7.9 5.8 8.8



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 4.327 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

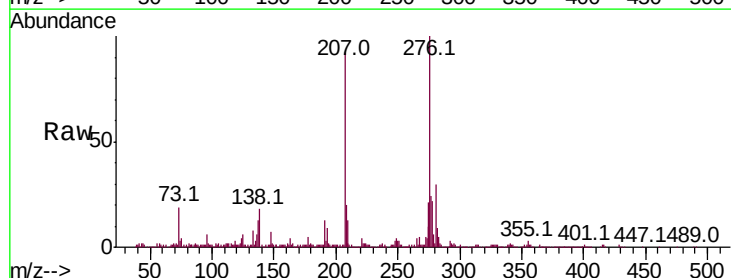
Tgt Ion:276 Resp: 236911

Ion Ratio Lower Upper

276 100

138 18.2 13.9 20.9

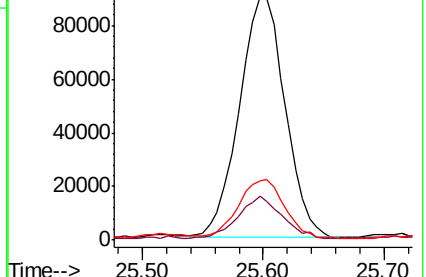
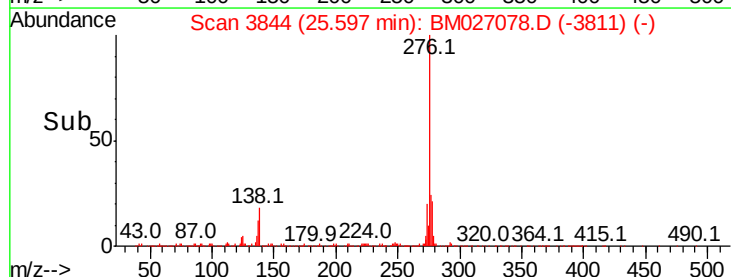
277 24.4 19.8 29.8

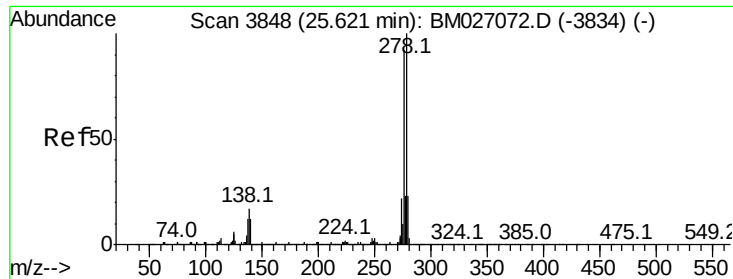


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.322 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Instrument :

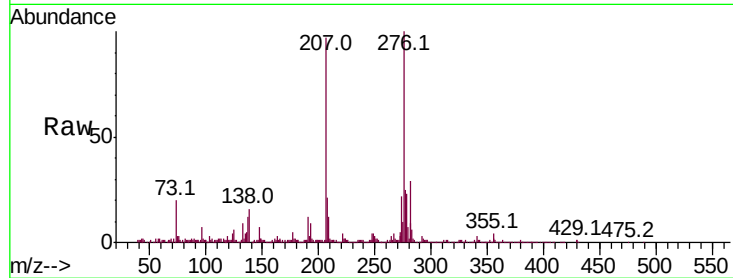
BNA_M

ClientSampleId :

BFML6

Tot Ion:278 Resp: 61333

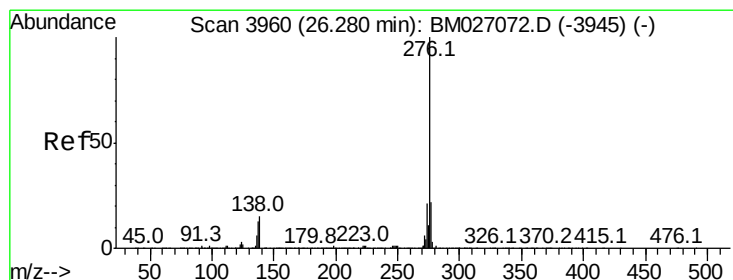
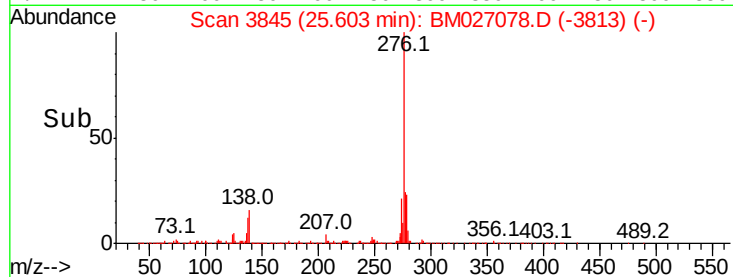
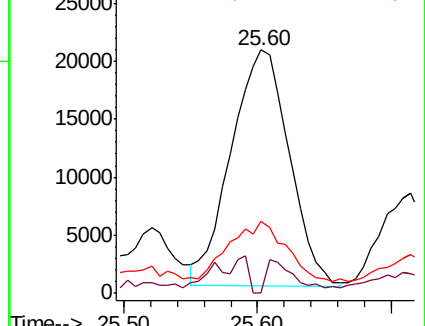
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	29.9	18.7	28.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.882 ng/ul

RT: 26.27 min Scan# 3958

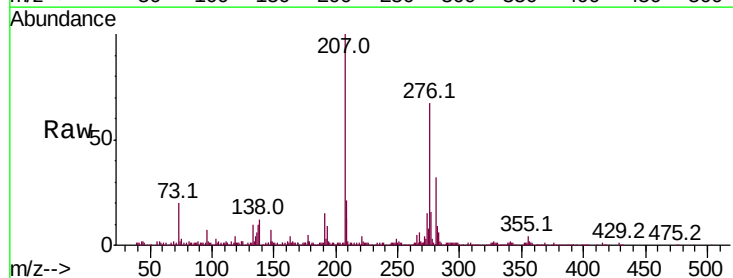
Delta R.T. -0.01 min

Lab File: BM027078.D

Acq: 14 Aug 2020 02:43

Tgt Ion:276 Resp: 175558

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.3	18.5
277	23.3	19.0	28.6



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

