

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021286.D
 Acq On : 30 Jun 2019 05:43
 Operator : HP/JU
 Sample : K3590-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA8

Quant Time: Jul 01 00:28:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	273141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1228558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	792289	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1820088	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1322433	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1445046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15275	2.66	ng/uL	0.00
5) Phenol-d5	6.93	99	455547	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	261740	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	375491	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	379150	19.10	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	211205	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	251116	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	483351	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	375350	15.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1596023	22.29	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1897853	21.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	200732	17.24	ng/ul	0.00
57) Fluorene-d10	15.40	176	1387062	22.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	156774	14.01	ng/ul	0.00
70) Anthracene-d10	17.25	188	2073021	21.92	ng/ul	0.00
78) Pyrene-d10	19.54	212	2040511	25.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1892247	22.19	ng/ul	0.00

Target Compounds

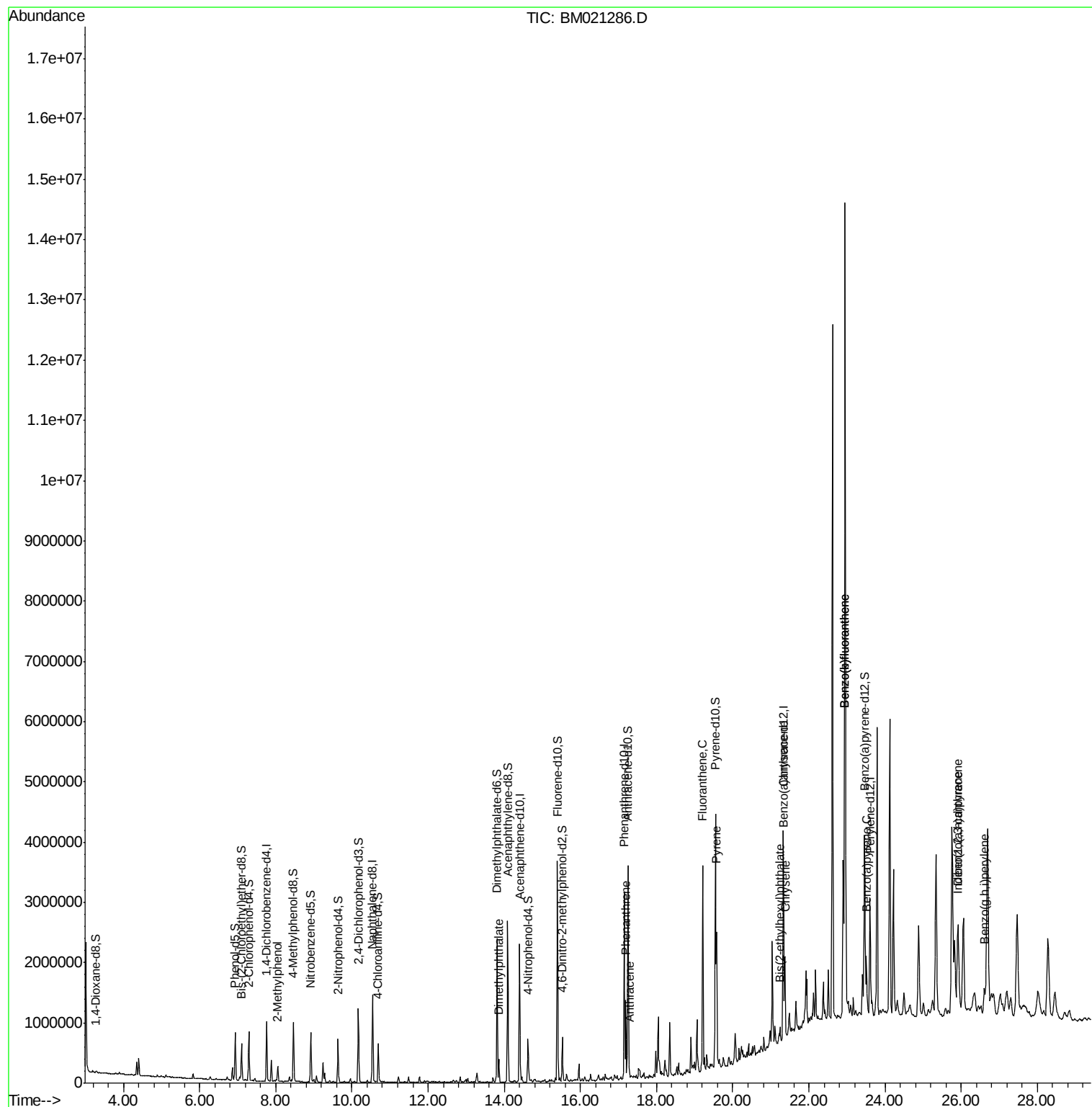
					Qvalue
11) 2-Methylphenol	8.05	108	22226	1.277 ng/ul#	12
44) Dimethylphthalate	13.86	163	252737	3.878 ng/ul	98
69) Phenanthrene	17.19	178	770004	7.650 ng/ul	99
71) Anthracene	17.29	178	109036	1.063 ng/ul	99
76) Fluoranthene	19.21	202	1900356	17.472 ng/ul	100
79) Pyrene	19.57	202	1532558	16.393 ng/ul	100
82) Benzo(a)anthracene	21.32	228	710103	7.876 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	82453	1.673 ng/ul	99
84) Chrysene	21.37	228	821807	9.733 ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1219946	13.327 ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	1219946	13.853 ng/ul#	96
90) Benzo(a)pyrene	23.51	252	716171	8.312 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	573571	5.654 ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	139839	1.638 ng/ul#	82
93) Benzo(g,h,i)perylene	26.61	276	519936	6.223 ng/ul	97

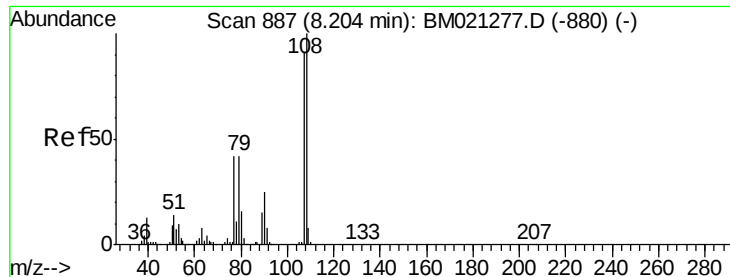
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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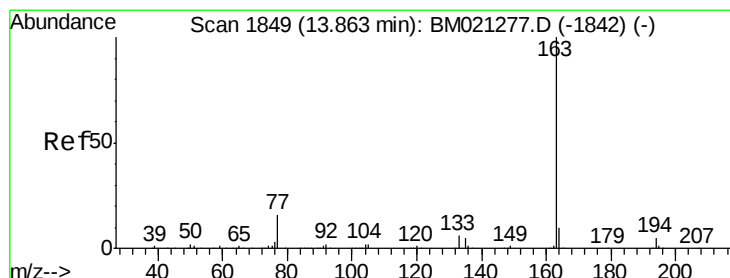
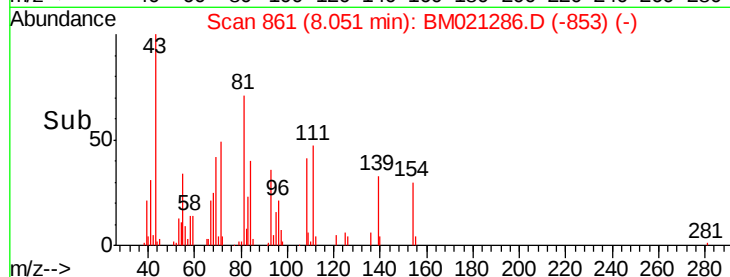
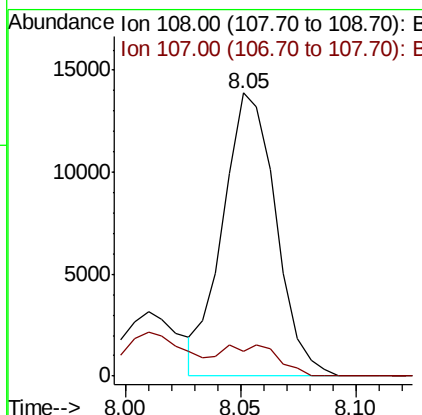
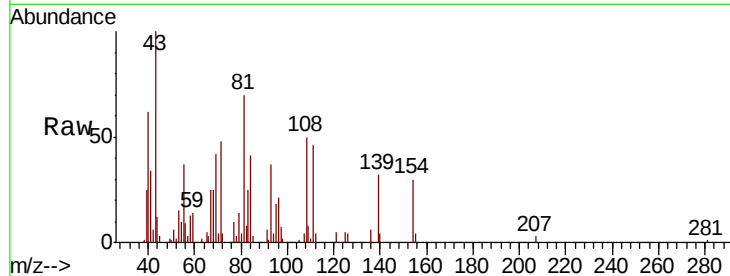




#11
2-Methylphenol
Concen: 1.277 ng/ul
RT: 8.05 min Scan# 861
Delta R.T. -0.15 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

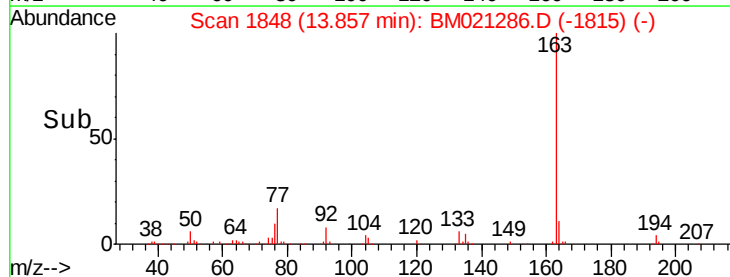
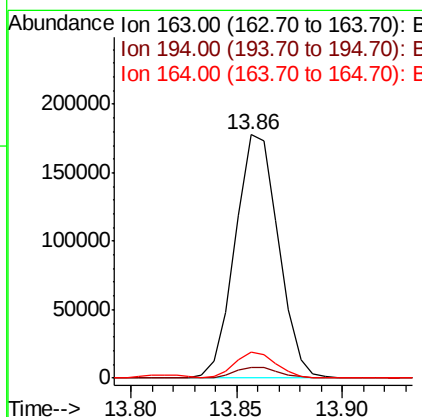
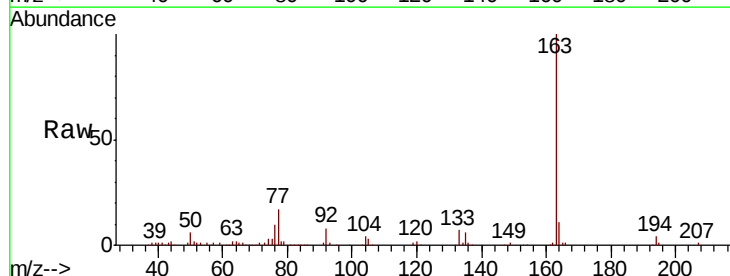
Instrument :
BNA_M
ClientSampleId :
C5BA8

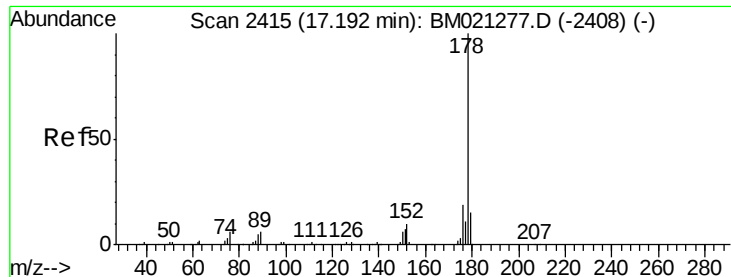
Tgt Ion:108 Resp: 22226
Ion Ratio Lower Upper
108 100
107 8.8 74.6 111.8#



#44
Dimethylphthalate
Concen: 3.878 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion:163 Resp: 252737
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.6 7.7 11.5





#69

Phenanthrene

Concen: 7.650 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

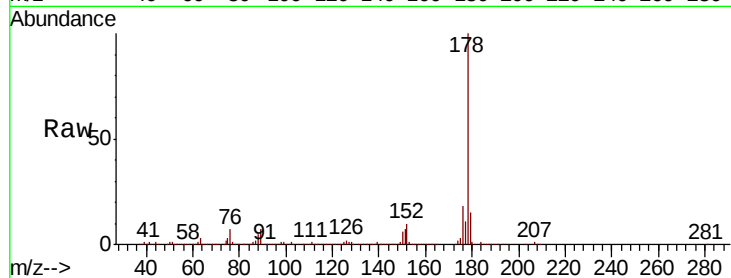
Tgt Ion:178 Resp: 770004

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 18.3 15.0 22.6

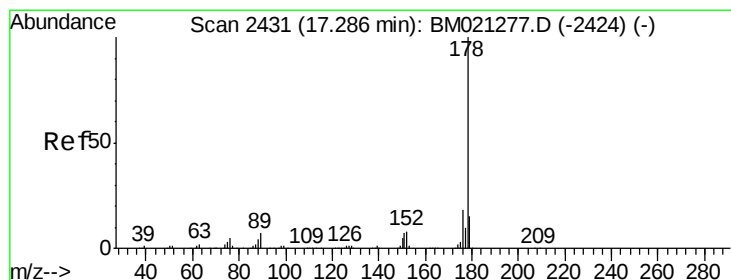
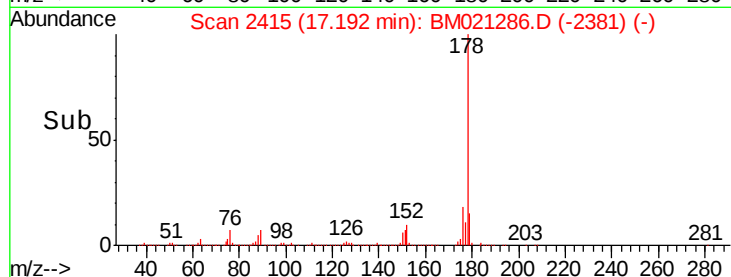
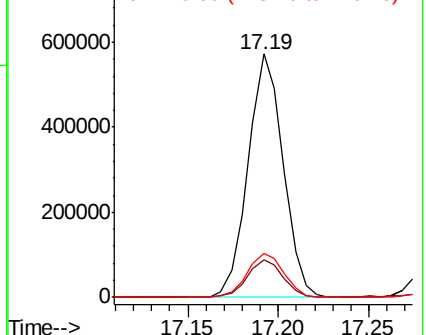


Abundance

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: 1.063 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

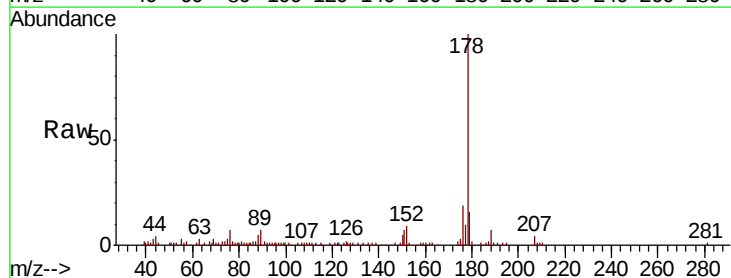
Tgt Ion:178 Resp: 109036

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 19.1 14.6 21.8

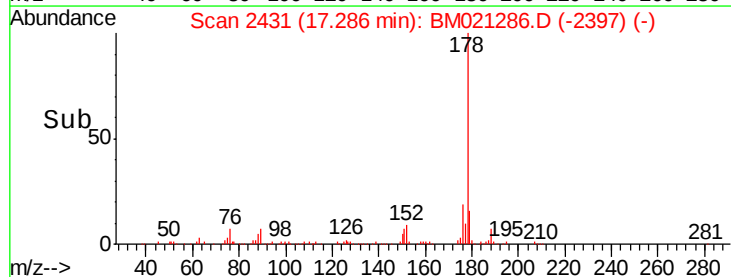
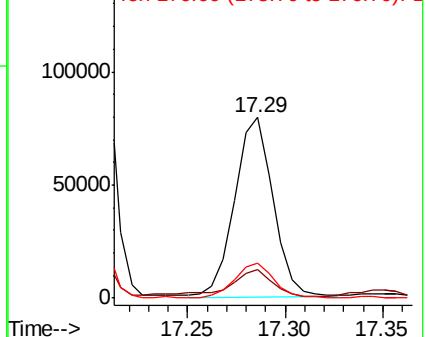


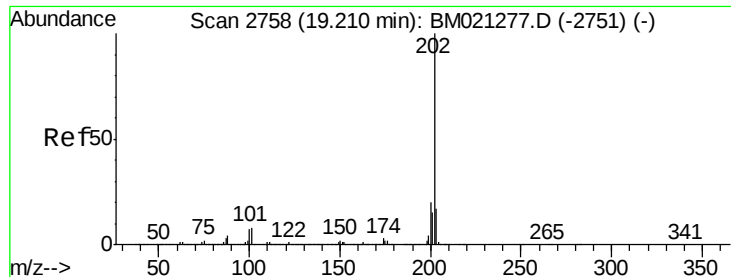
Abundance

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: 17.472 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

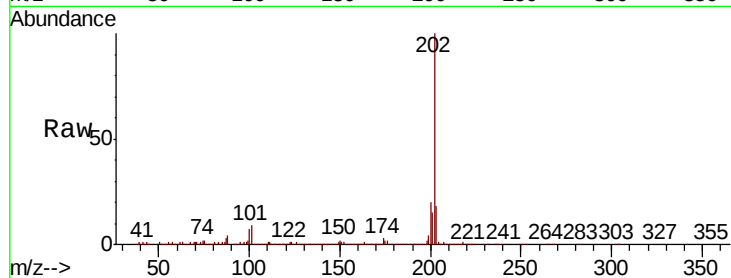
Tgt Ion:202 Resp: 1900356

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

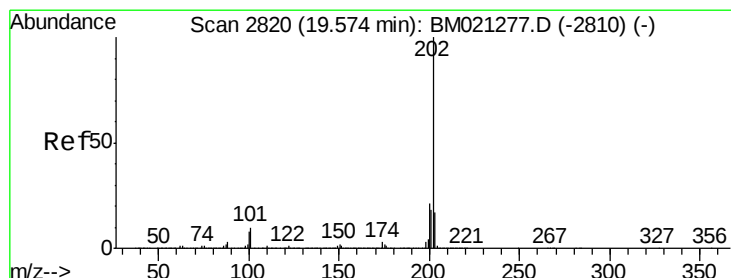
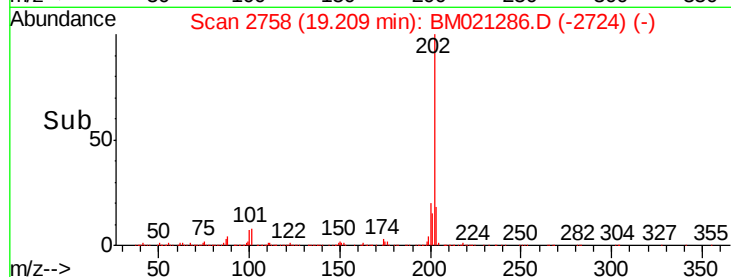
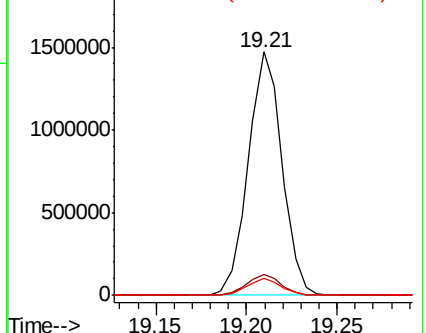
100 6.8 5.5 8.3



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: 16.393 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

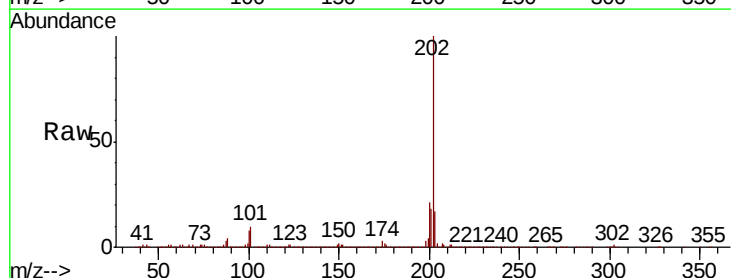
Tgt Ion:202 Resp: 1532558

Ion Ratio Lower Upper

202 100

101 10.0 8.1 12.1

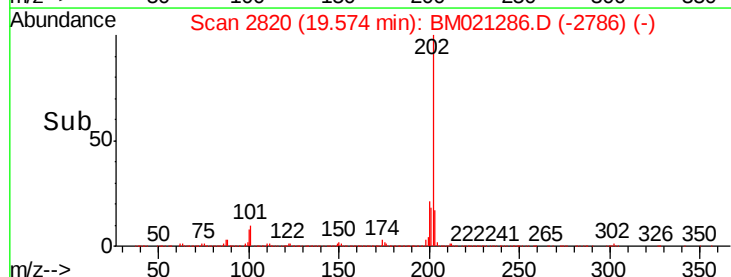
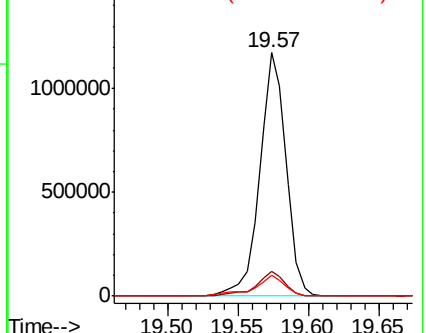
100 8.4 6.6 10.0

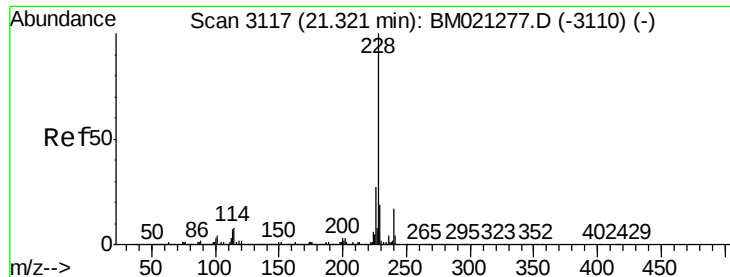


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 7.876 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

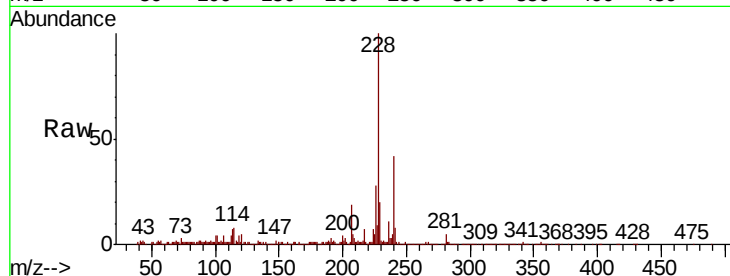
Tgt Ion:228 Resp: 710103

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.8

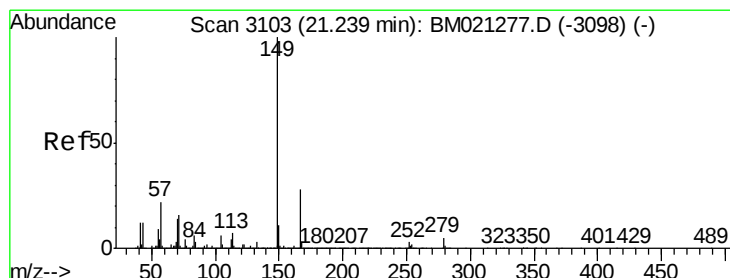
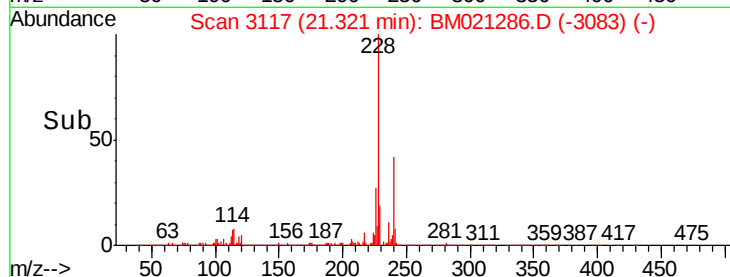
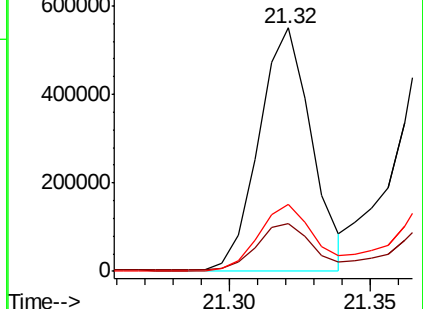
226 27.5 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.673 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

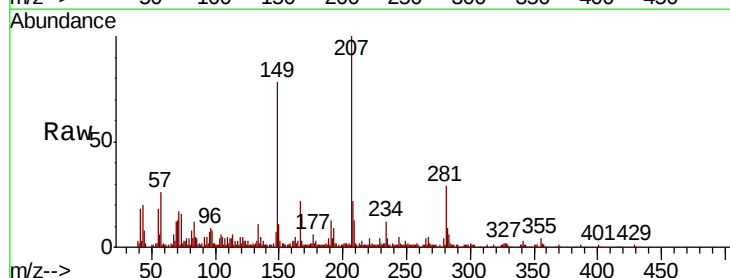
Tgt Ion:149 Resp: 82453

Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

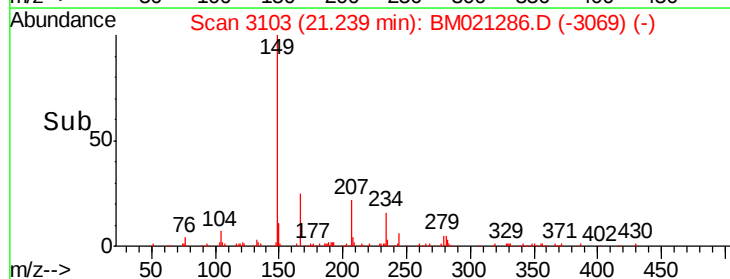
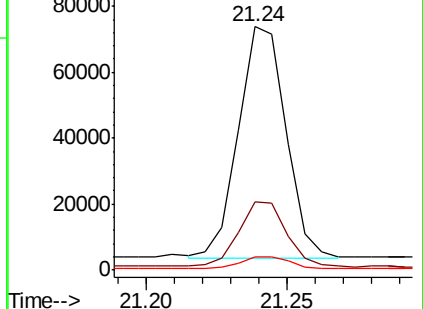
279 5.2 3.8 5.6

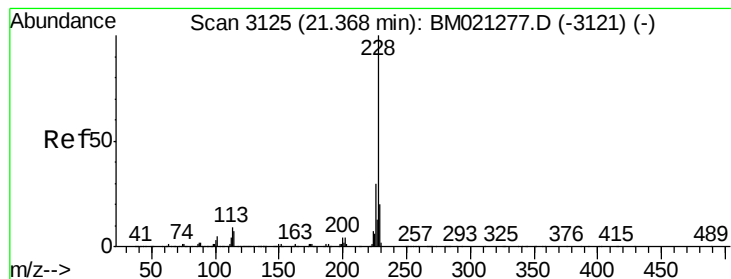


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 9.733 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

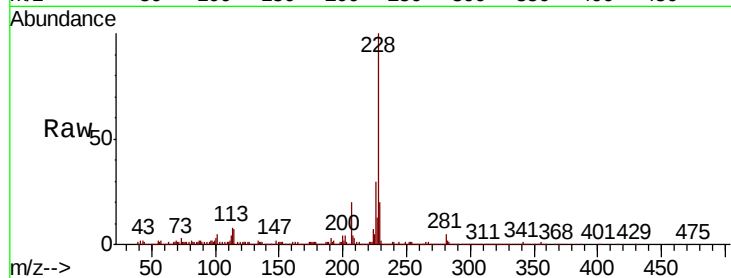
Tgt Ion:228 Resp: 821807

Ion Ratio Lower Upper

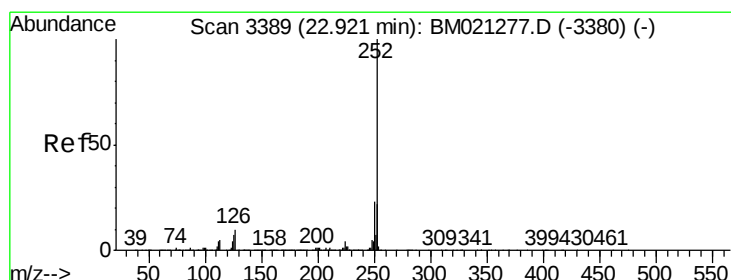
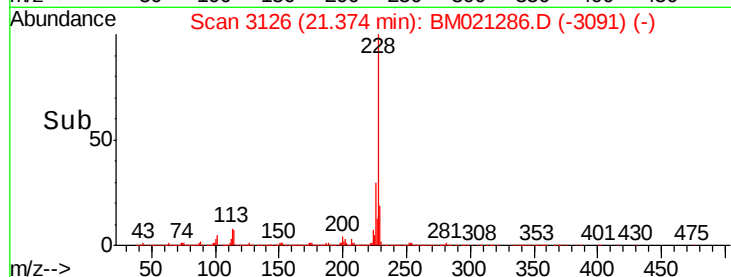
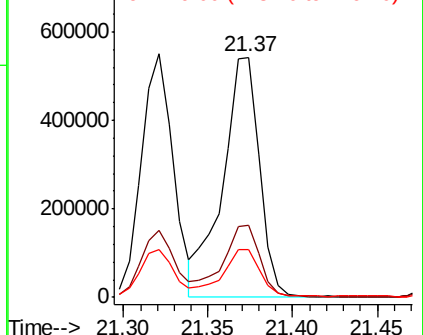
228 100

226 29.9 23.9 35.9

229 19.8 15.4 23.2



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



#87

Benzo(b)fluoranthene

Concen: 13.327 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

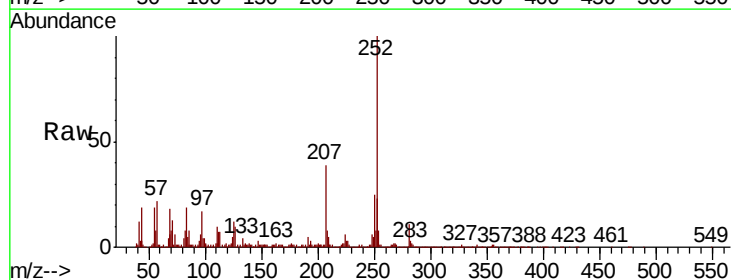
Tgt Ion:252 Resp: 1219946

Ion Ratio Lower Upper

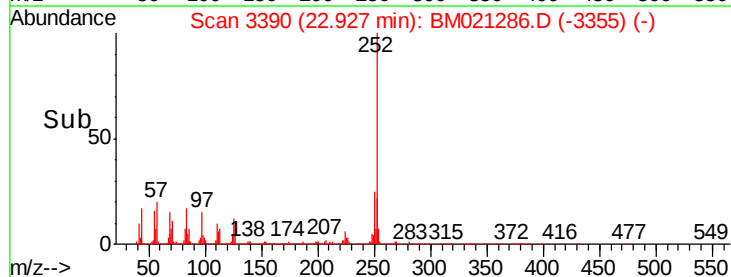
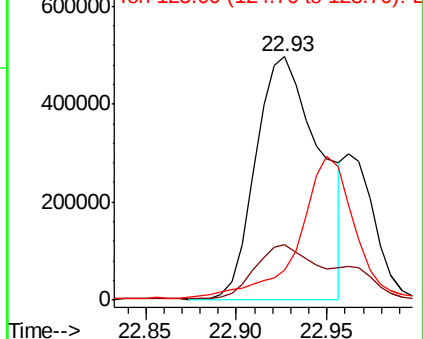
252 100

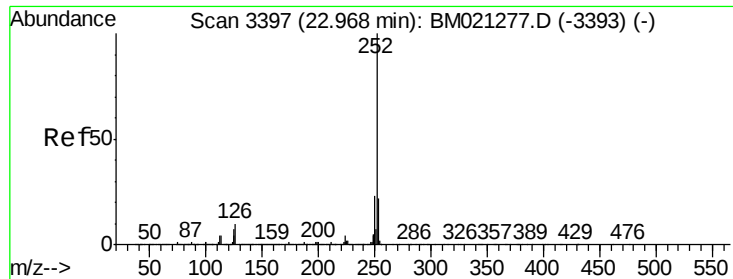
253 22.8 17.5 26.3

125 12.1 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: 13.853 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.04 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

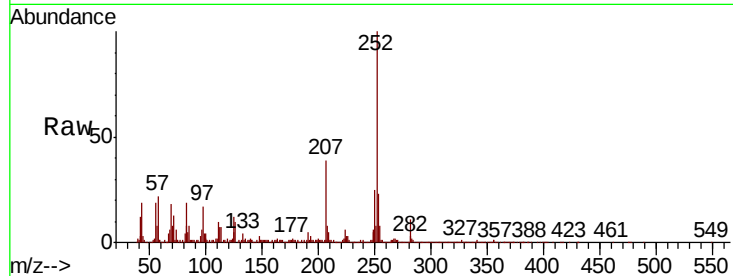
Tgt Ion:252 Resp: 1219946

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

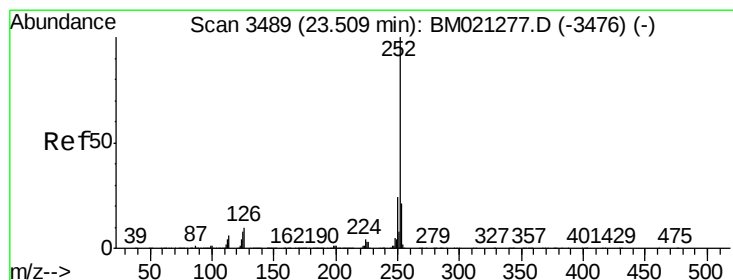
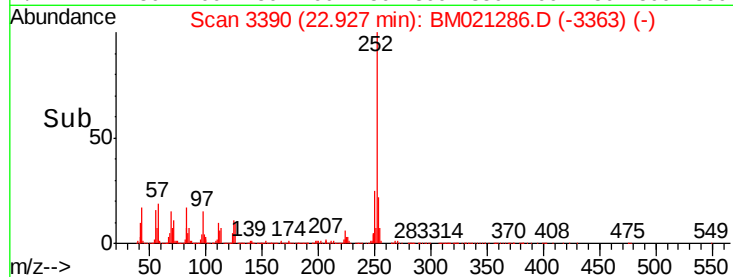
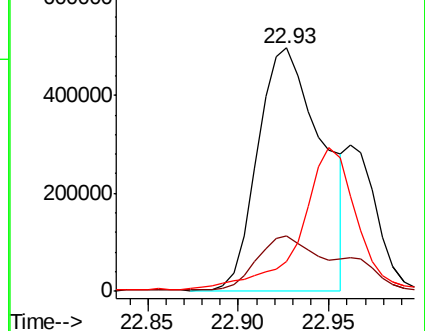
125 12.1 6.6 9.8#



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: 8.312 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

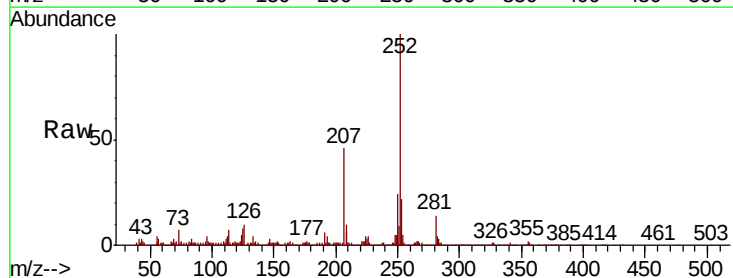
Tgt Ion:252 Resp: 716171

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

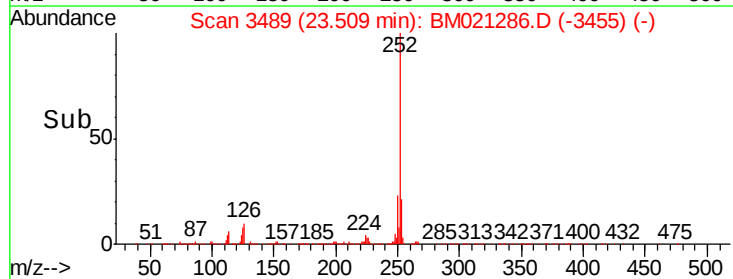
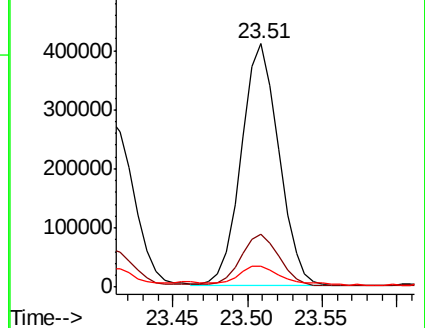
125 8.5 7.2 10.8

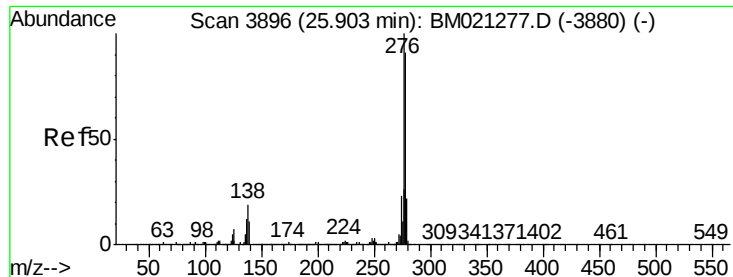


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



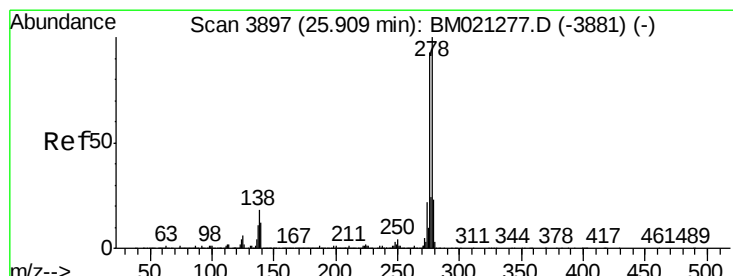
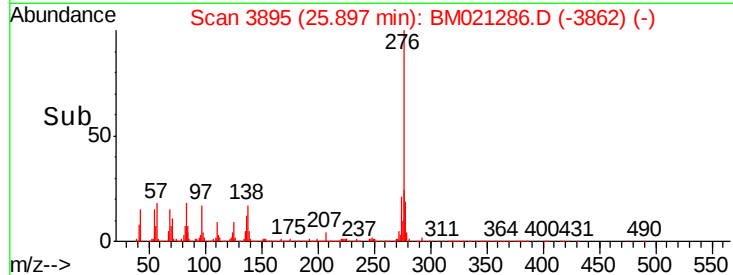
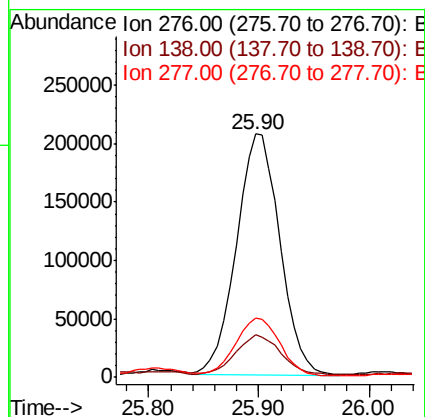
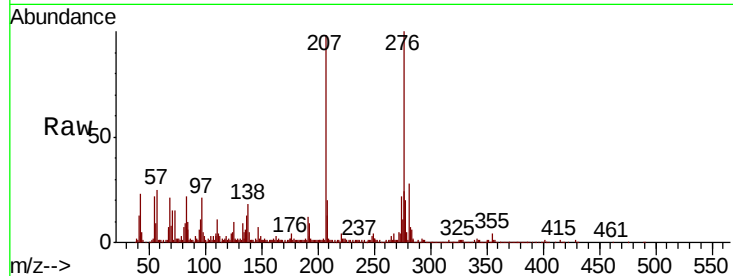


#91

Indeno(1,2,3-cd)pyrene
Concen: 5.654 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Instrument :
BNA_M
ClientSampled :
C5BA8

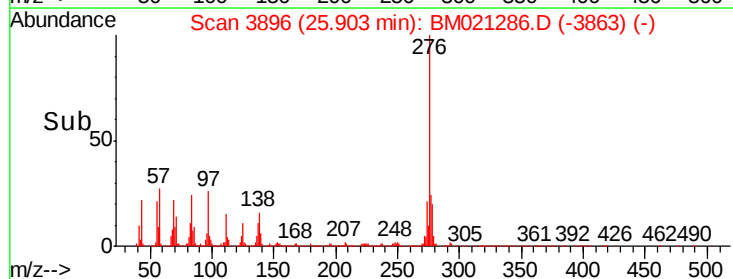
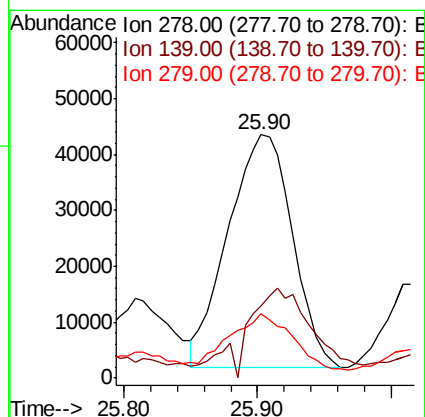
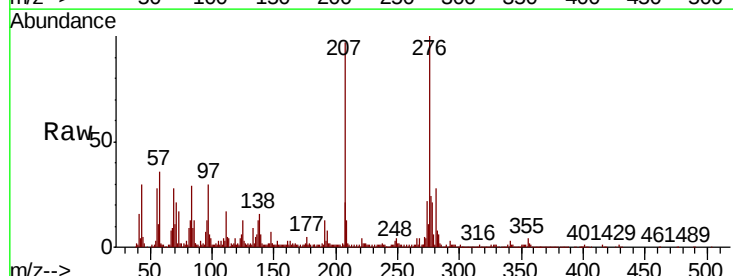
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.9	23.9
277	24.3	20.4	30.6

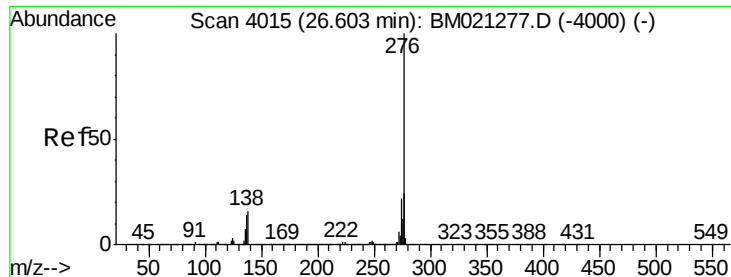


#92

Dibenzo(a,h)anthracene
Concen: 1.638 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021286.D
Acq: 30 Jun 2019 05:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	10.6	15.8#
279	26.2	19.0	28.4





#93

Benzo(g,h,i)perylene

Concen: 6.223 ng/ul

RT: 26.61 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BM021286.D

Acq: 30 Jun 2019 05:43

Instrument :

BNA_M

ClientSampleId :

C5BA8

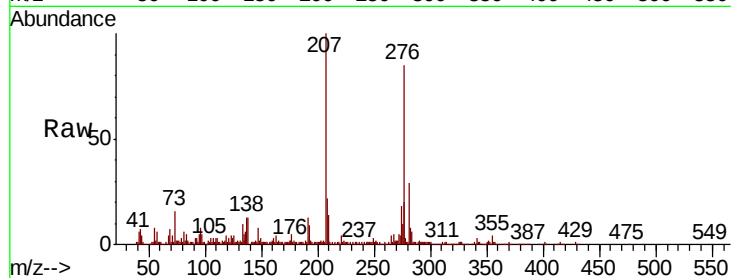
Tgt Ion:276 Resp: 519936

Ion Ratio Lower Upper

276 100

138 15.8 14.6 21.8

277 23.4 18.9 28.3



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

